Indian Institute
of Technology
Gandhinagar

ANNUAL REPORT 2023 - 24

Annual Report | www.iitgn.ac.in

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VISION MISSION AND VALUES

CORE FEATURES

- A safe and peaceful environment
- Relevant and responsive to the changing needs of our students and the society
- Academic autonomy and flexibility
- Research Ambiance
- Nature of faculty and students:
  - Faculty recruiting norms are much higher than most of the academic institutes in India
  - Students are inducted strictly on a merit basis
- Sustainable and all-inclusive growth, including community outreach programmes
- Infrastructure: Liberal funding to the laboratory facilities and amenities to make them comparable to those best in the world
- Administration: Exclusive concern of IIT Gandhinagar, and handled internally
  - Director given adequate powers to manage most academic, administrative and financial issues (within the framework)
- Residential Campus:
  - Leads to closer academic and social interaction between students and faculty
  - Develops stronger community spirit and provides opportunity to learn from each other
  - Sustained academic ambiance resulting in higher creativity from everyone.

PRINCIPLES

- Lifelong commitment to learning
- Encouragement of merit
- Passion and motivation for work
- Professionalism
- Respect for law
- Concern for the improvement of the society
- Transparency in functioning of the Institute
- Dedication to the Institute

VALUES

- Meritocracy
- Unparalleled quality and excellence
- Honesty, Integrity, Sincerity and Devotion
- Trust and freedom with accountability
- Appreciation and celebration of creativity
- Willingness to try new ideas and make mistakes
- Social and Moral responsibility
- Respect for every individual, and diversity
- Co-operation, Collaboration and Team Work

MISSION

IIT Gandhinagar, as an institution for higher learning in science, technology and related fields, aspires to develop top-notch scientists, engineers, leaders and entrepreneurs to meet the needs of the society-now and in the future. Furthermore, in this land of Gandhiji, with his spirit of high work ethic and service to the society, IIT Gandhinagar seeks to undertake ground breaking research, and develop breakthrough products that will improve everyday lives of our communities.

GOALS

- To build and develop a world-class institution for creating and imparting knowledge at the undergraduate, post graduate and doctoral levels, contributing to the development of the nation and the humanity at large.
- To develop leaders with vision, creative thinking, social awareness and respect for our values.
- To foster excellence in teaching and research to make a global impact.
- To engage in path-breaking research that would influence national policies.
- To pursue sustainable technological solutions to societal problems.
- To focus on lean engineering solutions for sustainable development.
- To be the leader for academic and industrial collaborations in various disciplines, nationally and internationally.
- To create awareness of the true significance of learning and teaching.
- To enrich local schools and communities through value-added interactions.
- To encourage excellent language skills as part of the institutional culture.
- To prepare students not just for their first job, but their last job as well.

VISION

- To shape IIT Gandhinagar into an exciting place for learning, teaching and research.
- To establish a process of learning that is free, fulfilling and enjoyable experience.
- To provide an enabling environment to nurture critical and creative minds, and to propel them to greater heights of excellence in their pursuits.
- To create a vibrant atmosphere that breeds front runner innovators, scientists, engineers, entrepreneurs, academicians and thinkers of tomorrow.
- To provide opportunity for students to learn from wherever, however and whatever they choose to study.
- To make IIT Gandhinagar the preferred destination for future generations of students, staff and faculty.

FROM THE DIRECTOR'S DESK

PROF RAJAT MOONA
DIRECTOR

This year has been marked by numerous significant developments across various domains, strengthening the Institute's commitment to excellence and innovation. From academic achievements to accolades for faculty and students, IITGN has continued to push boundaries and set new standards.

Demonstrating remarkable strides towards academic excellence, IITGN achieved a significant milestone by securing the 18th position in the engineering category and climbing 13 spots to secure the 24th rank overall in the India Rankings 2023 by the **National Institutional Ranking Framework (NIRF).**

A record high number of 20 PhD scholars from the Institute received the prestigious **Prime Minister's Research Fellowship** (**PMRF)** in the 11th cycle, taking the total count of PMRF fellows to an impressive 67.

We take immense pride in the recognition received by our faculty members, including prestigious awards such as the National Teachers' Award to **Prof Indranath Sengupta**, professor, Mathematics and the Shanti Swarup Bhatnagar Prize to **Prof Vimal Mishra**, professor, Civil Engineering.

> *20 PhD scholars from the Institute received the prestigious **Prime Minister's Research Fellowship (PMRF)** in the 11th cycle, taking the total count of PMRF fellows to an impressive 67.*

> *We take immense pride in the recognition received by our faculty members, including prestigious awards such as the **National Teachers' Award** and the **Shanti Swarup Bhatnagar Prize**.*

In recognition of its comprehensive commitment to sustainable practices, the Institute bagged the **International Green University Award 2023** by the Green Mentors, USA, a non-government organisation with special consultative status with the United Nations Economic and Social Council (ECOSOC). Further attesting to its architectural prowess, IITGN's Central Arcade-Student Activity Centre earned the **32nd JK Architect of the Year Award** in the public building category.

To express the institute's gratitude towards its well-wishers for their steadfast support, the institute introduced the Institute Fellow Awards this year and honoured **Mr Kushal Sacheti** and **Mr Rajesh Mashruwala** for their pivotal roles in contributing to IITGN's growth.

In another noteworthy development, **Shri Sanjiv Puri**, chairman and managing director of ITC Limited, was appointed as chairperson of the Board of Governors of IITGN. Under his visionary leadership, the institute has already started on its journey of advancement in every sphere.

To ensure that the students stay abreast of industry advancements, we also launched two new programmes in the academic year 2023-24: BTech in Artificial Intelligence (AI) and BTech-MTech dual degree in Mechanical Engineering. This adds around 80 new seats in the undergraduate programmes at IITGN. With the introduction of BTech in AI, the Institute will enable students to build systems that harness data collection and computation to solve important global challenges. The institute is also expanding its wings to cater to the skill upgradation needs of working professionals with the launch of the first e-Master's degree programme.

Taking forward the goal of advancing research and educational excellence in the emerging areas of science and technology, the institute inaugurated two state-of-the-art laboratories: The **Gordhanbhai B Gelot Laboratory for Artificial Intelligence and Data Science** and the **Sarita G Gelot Laboratory for Intelligent Rehabilitation & Affective Computing Systems**.

Phase 1B of our campus infrastructure is now completed and was dedicated to the nation by Hon'ble Prime Minister **Shri Narendra Modi**. The Hon'ble Prime Minister also laid the foundation stone of student hostels and staff residences of IITGN for Phase 2A construction of the Institute. IITGN's new academic buildings house the Institute library, several classrooms for students, laboratories, faculty offices, and a maker space. Additionally, one Jal Mandap and four lawn tennis courts were constructed under phase 1B project.

Keeping up with the changing times and utilising the power of technology, from the **12th Convocation** hosted in July 2023, the institute has started awarding verifiable and tamper-proof digital degrees, mark sheets, and medal certificates to the graduating students.

The institute also had the privilege of hosting several distinguished visitors. These include Tokyo Governor **Ms Koike Yuriko**, accompanied by a Japanese delegation; **Lawrence Wong,** Deputy Prime Minister and Minister for Finance, Singapore; **Hon Jason Clare MP**, Minister for Education, Government of Australia; **Shri Dharmendra Pradhan**, Union Minister of Education and Skills Development & Entrepreneurship; and a special delegation with 21 delegates from Osaka, Japan.

New chairs to promote research, development, teaching, and training were established and scholarships were set up. Additionally, for the fifth consecutive year, over 50% of the alumni have shown significant support to their alma mater and contributed generously for IITGN's development.

The institute is marching ahead on the path of growth by forging new collaborations and partnerships. It has formalised several Memoranda of Understanding (MoUs) with key industry players and educational institutions.

With the Institute's continued emphasis on outreach activities, NEEV, Nyasa, and the Centre for Creative Learning (CCL) have continued to foster meaningful connections within the community, promoting education and empowerment through various initiatives and programmes. The Innovation and Entrepreneurship Center (IIEC) continues to support and nurture entrepreneurial culture within and outside the Institute through various programmes and initiatives.

As we look back on our achievements and progress, it is clear that the Institute is on a path of continuous growth. With strong focus on academic excellence, innovation, and community engagement, the institute is ready to make even greater contributions to society. Together, we will continue to inspire, innovate and lead.

ORGANISATION

BOARD OF GOVERNORS

(As on Mar 31, 2024)

CHAIRMAN

SHRI SANJIV PURI
Chairman & Managing Director
ITC Ltd
Kolkata

MEMBERS

DR B N GANGADHAR
Former Director
National Institute of Mental Health and Neurosciences
Bengaluru

SHRI B C TRIPATHI
Former Chairman & Managing Director
GAIL (India) Limited
New Delhi

SHRI KAMAL BALI
President & Managing Director
Volvo Group India Private Limited
Bengaluru

SMT SAUMYA GUPTA, IAS
Joint Secretary, Technical Education
Department of Higher Education
Ministry of Education
Government of India, New Delhi

SHRI RAJ KUMAR, IAS
Chief Secretary
Government of Gujarat
Gandhinagar

SHRI PRAFULBHAI K PATEL
Administrator
UT Administration of Daman and Diu Daman (UT)

PROF RAJAT MOONA
Director
Indian Institute of Technology Gandhinagar

PROF VIMAL MISHRA
Professor, Civil Engineering
Indian Institute of Technology Gandhinagar

PROF INDRANATH SENGUPTA
Professor, Mathematics
Indian Institute of Technology Gandhinagar

SECRETARY

SHRI P K CHOPRA
Registrar
Indian Institute of Technology Gandhinagar

FINANCE COMMITTEE

(As on Mar 31, 2024)

CHAIRMAN

SHRI SANJIV PURI
Chairman & Managing Director
ITC Ltd
Kolkata

MEMBERS

PROF RAJAT MOONA
Director
Indian Institute of Technology Gandhinagar

SMT SAUMYA GUPTA, IAS
Joint Secretary, Technical Education
Department of Higher Education
Ministry of Education
Government of India, New Delhi

SHRI SANJOG KAPOOR, IRS
Joint Secretary & Financial Advisor
Ministry of Education
Government of India, New Delhi

SHRI BHADRESH MEHTA
Chartered Accountant
Ahmedabad

PROF PRATIK MUTHA
Dean, Institutional Advancement
Indian Institute of Technology Gandhinagar

SECRETARY

SHRI P K CHOPRA
Registrar
Indian Institute of Technology Gandhinagar

BUILDING AND WORKS COMMITTEE

(As on Mar 31, 2024)

CHAIRMAN

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Director
Indian Institute of Technology Gandhinagar

MEMBERS

SHRI A K JAIN
Former Special Director General
Central Public Works Department
Government of India
New Delhi

SHRI PRAMOD KUMAR SINGH
Former Special Director General
Central Public Works Department
Government of India
New Delhi

PROF NEERAJ GUPTA
Professor, Department of Architecture
Central University of Rajasthan
Rajasthan

SHRI M B BHALALA
Former Chief Engineer
Roads & Buildings Department
Government of Gujarat
Gandhinagar

SHRI RAJEEV GARG
Former Superintending Engineer
Indian Institute of Technology Kanpur
Kanpur

PROF GAURAV SRIVASTAVA
Dean, Campus Development
Indian Institute of Technology Gandhinagar

SECRETARY

SHRI P K CHOPRA
Registrar
Indian Institute of Technology Gandhinagar

SENATE

(As on Mar 31, 2024)

CHAIRMAN

PROF RAJAT MOONA
Director

MEMBERS

Prof Abhijit Mishra
Prof Ambika Aiyadurai
Prof Amit Prashant
Prof Anirban Dasgupta
Prof Arup Lal Chakraborty
Prof Atul Bhargav
Prof Bireswar Das
Prof C N Pandey
Prof Chinmay Ghoroi
Prof Deepak Kunzru
Mr Dileep Patil
Prof Dilip Srinivas Sundaram
Prof Emila Panda
Prof Gaurav Srivastava
Prof Gayatri Menon
Prof Harish P M
Prof Himanshu Shekhar
Prof Indranath Sengupta
Prof Jagmohan Tyagi
Prof Jaison Manjaly
Prof Kabeer Jasuja
Prof Krishna Kanti Dey
Prof Manish Kumar
Prof Mithun Radhakrishna
Prof Namit Mahajan
Prof Nihar Ranjan Mohapatra
Prof Nithin V George
Prof Pranab Kumar Mohapatra
Prof Pratik Mutha
Prof S P Mehrotra
Prof Sameer Dalvi
Prof Sameer Patel
Prof Sharad Gupta
Prof Sivapriya Kirubakaran
Prof Sriram Kanvah Gundimeda
Mr Sunil Parekh
Prof Urjit Yajnik
Prof Uttama Lahiri
Prof Vikrant Jain
Prof Vimal Mishra
Prof Vinod Chandra

SECRETARY

SHRI P K CHOPRA
Registrar

STUDENT INVITEES

Abhishek Mungekar (General Secretary)
Amaan Ansari (Convener, Student Senate)
Aditi Agarwal (BTech 2020)
Meduri Ruthwick (MTech 2023)
Senkathirvanan K (PhD 2022)

STANDING COMMITTEES OF THE SENATE

SENATE ACADEMIC PERFORMANCE EVALUATION COMMITTEE (SAPEC)

Prof Nithin V George, Dean, Academic Affairs (Chairman [ex-officio)
Prof Subramanian Sankaranarayanan
Prof Prachi Thareja
Prof Sudhanshu Sharma
Prof Udit Bhatia
Prof Manoj Gupta
Prof Sharada C V
Prof S Rajendran
Prof Sharmita Lahiri
Prof Superb Misra
Prof Bipul Saurabh
Prof Sudipta Sarkar
Anviksha Mishra

SENATE ACADEMIC PROGRAMMES COMMITTEE (SAPC)

Prof Nithin V George, Dean, Academic Affairs (Chairman [ex-officio])
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Prof Karthik Pushpavanam
Prof Sudhanshu Sharma
Prof Udit Bhatia
Prof Anirban Dasgupta
Prof Utsav Mannu
Prof Himanshu Shekhar
Prof Nishaant Choksi
Prof Superb Misra
Prof Projesh Nath Choudhury
Prof Ravi Ayyagari
Prof Sudipta Sarkar
Reuben Shibu Devanesan
Nokzendi S Aier

SENATE SCHOLARSHIPS AND PRIZES COMMITTEE (SSPC)

Prof Sivapriya Kirubakaran, Dean, Student Affairs, Chairman [ex-officio]
Prof Manish Kumar, Associate Dean, Student Development
Prof Sriram Kanvah Gundimeda
Prof Jagmohan Tyagi
Prof Chetan Pahlajani

SENATE STUDENT AFFAIRS COMMITTEE (SSAC)

Prof Sivapriya Kirubakaran, Dean, Student Affairs, Chairman [ex-officio]
Prof Biswajit Mondal, Member [ex-officio]
Prof Harmeet Singh, Member [ex-officio]
Prof Harini Subramanian, Member [ex-officio]
Prof Naveen Sisodia, Member [ex-officio]
Amaan Ansari (BTech 2020)
Abhishek Mungekar (BTech 2020)
Monika Jain (MASC 2022)
Shreya Shukla (BTech 2020)

SENATE LIBRARY COMMITTEE

Prof Nitin Padhiyar, Chairman
Dr T S Kumbar
Shri Nirmal Jha
Prof Anirban Dasgupta
Priyanshu Sorout (MSc 2022)

ACADEMIC OFFICIALS

DIRECTOR

PROF RAJAT MOONA

ACADEMIC AFFAIRS

Prof Nithin V George
Dean, Academic Affairs

Prof Sameer Patel
Associate Dean, Undergraduate Studies

Prof Mithun Radhakrishna
Associate Dean, Postgraduate Studies

Prof V N Prabhakar
Institute Ombudsman

Prof Kabeer Jasuja
Faculty in-charge, International and Visiting Students

Prof Manoj Gupta
Faculty in-charge, Time Table

Prof Ravi Sastri Ayyagiri
Faculty in-charge, Class Rooms and Short-term courses by visitors

Prof Superb Misra
Faculty in-charge, PG Admissions

Prof Tarun Agarwal
Faculty in-charge, PG Assistantship

Prof Sharmistha Majumdar
Faculty in-charge, PMRF

Prof Jhuma Saha
Faculty in-charge, Writing Studio

Prof Karla P Mercado-Shekhar
Faculty in-charge, Scientific Writing Certification

Prof Ravi Hegde
Faculty in-charge, PRL Program

Prof Pradipta Ghosh
Faculty in-charge, UG Admissions

Prof Joycee Mekie (Primary)
Prof Akshaa Vatwani (Secondary)
Faculty in-charge, UG Engagement

Prof Arka Chattopadhyay
Faculty in-charge, UG Research

Prof Meera M Sunny
Faculty in-charge, Management Minor

Prof Rohit Kumar Mishra
Faculty in-charge, Guided Progress Scheme (GPS) and Peer-Assisted Learning (PAL)

CAMPUS DEVELOPMENT & MANAGEMENT

Prof Gaurav Srivastava
Dean, Campus Development

Prof Abhay Raj Gautam
Associate Dean, Space Planning

Prof Naran Pindoriya
Associate Dean Campus Management

Prof K Ragavan
Chairman, House Allotment Committee (HAC)

Prof C N Pandey
Chairman, Green Campus Committee

Mr Sachinkumar Patel
Chairman, Housing Management Committee (HMC)

Prof Uddipta Ghosh
Chairman, Animal Management Committee

Prof Atul Bhargav
Chairman, Day Care Committee

EXTERNAL RELATIONS

Prof S P Mehrotra
Professor-in-charge, External Relations

Prof Amit Arora
Prof Pratik Mutha
Faculty in-charge, Research Park

Prof Venkata Madhukant Vadali
Faculty in-charge, External Fellowship and Entrepreneurship

Shri Nirmal Jha
Advisor, Research Park

Prof Jaison Manjaly
Faculty in-charge, Alumni Relations

FACULTY AFFAIRS

Prof G K Sharma
Advisor to Faculty in-charge, Dean, Faculty Affairs

Prof Urjit Yajnik
Faculty in-charge, Dean, Faculty Affairs

Prof Dilip Sundaram
Associate Dean, Faculty Relations

Prof Udit Bhatia
Associate Dean, Faculty Recruitment

Prof Himanshu Shekhar
Associate Dean, Faculty Outreach and Chairman, Faculty Search Committee

GENERAL ADMINISTRATION

Prof Harish P M
Dean, General Administration

Prof Abhijit Mishra
Associate Dean, General Administration

Prof Mayank Singh
Prof Sameer Kulkarni
Faculty in-charge, Information Services and Technology Facilities (ISTF)

Prof Saumyakanti Khatua
Faculty in-charge, Central Instrumentation Facility (CIF)

Prof Lezlee Lazar
Chairman, Staff Development Cell

Prof Pallavi Bhardwaj
Faculty in-charge, Hospitality

Prof Prasanna V Balasubramanian
Faculty in-charge, Medical Centre

Prof Abhijit Mishra
Faculty in-charge, Sports

Prof Arnab Saha
Chairman, Faculty in-charge, Commercial Establishment Management Committee (CEMC)

Prof Tanya Srivastava
Chairman, Media and Communication Committee

Prof Sriharita Rowthu
Faculty in-charge, Nyasa

INSTITUTIONAL ADVANCEMENT

Prof Pratik Mutha
Dean, Institutional Advancement

Prof Ashutosh Srivastava
Associate Dean, Institutional Engagements

Shri Nirmal Jha
Advisor, Institutional Advancement

RESEARCH AND DEVELOPMENT

Prof Amit Prashant
Dean, Research and Development

Prof Krishna Kanti Dey
Associate Dean, External Projects

Prof Vineet Vashishta
Faculty in-charge, R&D Communications

Prof Pratyush Dayal (Primary)
Prof Utsav Mannu (Secondary)
Faculty in-charge, IITGNX

Prof Dhiraj Bhatia
Faculty in-charge, Grant Opportunity

Prof Soumyadip Sett (Primary)
Prof Raghavan Ranganathan (Secondary)
Faculty in-charge, Industry Connect

STUDENT AFFAIRS

Prof Sivapriya Kirubakaran
Dean, Student Affairs

Prof Biswajit Mondal
Associate Dean, Student Welfare

Prof Manish Kumar
Associate Dean, Student Development

Prof Kaustubh Rane
Faculty in-charge, Career Development Services and Placement

Prof Dhiman Basu
Faculty in-charge, Internships

Prof Abhishek Bichhawat
Faculty in-charge, Higher Education

Prof Harmeet Singh
Prof Harini Subramanian
Prof Naveen Sisodia
Wardens, Student Welfare

Prof Bhaskar Datta (Primary)
Prof Neeldhara Misra (Secondary)
Faculty in-charges, Counseling Service

Prof Subramanian Sankaranarayanan
Coordinator, Student Wellbeing Initiative

Prof Sharmita Lahiri
Prof Udit Bhatia
Prof Iti Gupta
Committee for Holistic Association and Relationship Management among Students (CHARMS)

Prof Atul Abhay Dixit
Faculty in-charge, Student Events (Technical & Cultural)

Prof Nipun Batra
Prof Yogesh Kumar Meena
Faculty in-charges, Coding Initiative

Prof Abhinaya Sampath
Faculty in-charge, Leadership Development Initiative

CENTRES COORDINATORS

Archaeological Sciences Centre
Prof V N Prabhakar, Coordinator
Prof Sharada C V, Co-coordinator

Centre for Biomedical Engineering
Prof Uttama Lahiri, Coordinator
Prof Karla P Mercado-Shekhar, Co-coordinator

Centre for Cognitive and Brain Sciences
Prof Pratik Mutha, Coordinator
Prof Vineet Vashista, Co-coordinator

Design and Innovation Centre
Prof Madhu Vadali, Coordinator
Prof Manasi Kanetkar, Co-coordinator

Centre for Safety Engineering
Prof Chinmay Ghoroi, Coordinator
Prof Gaurav Srivastava, Co-coordinator

Dr Kiran C Patel Centre for Sustainable Development
Prof C N Pandey, Coordinator
Prof Vimal Mishra, Co-coordinator

Centre for Creative Learning
Prof Manish Jain, Coordinator
Prof Bireswar Das, Co-coordinator

HEADS OF THE DEPARTMENTS

Prof Sharad Gupta
Biological Sciences and Engineering

Prof Sameer V Dalvi
Chemical Engineering

Prof Sriram Kanvah Gundimeda
Chemistry

Prof Pranab Kumar Mohapatra
Civil Engineering

Prof Sameer V Dalvi
Cognitive and Brain Sciences

Prof Anirban Dasgupta
Computer Science and Engineering

Prof Vikrant Jain
Earth Sciences

Prof Uttama Lahiri
Electrical Engineering

Prof Vikrant Jain
Humanities and Social Sciences

Prof Emila Panda
Materials Engineering

Prof Indranath Sengupta
Mathematics

Prof Atul Bhargav
Mechanical Engineering

Prof Vinod Chandra
Physics

INTERNAL COMPLAINTS COMMITTEE

Prof Ambika Aiyadurai
Chairman

STUDENT LEADERSHIP

Amaan Ansari	: Convener, Student Senate
Abhishek V Mungekar	: General Secretary
Harshvardhan Vala	: Welfare & Cultural Secretary
Bhavesh Jain	: Relations & Projects (IR&P)
Reuben Shibu Devanesan	: Academic Secretary
Mihir Agarwal	: Technical Coordinator
Aman Samria	: Sports Secretary
Dhairya Shah	: Secretary, Professional Development Council (PDC)
Gaurav Mahendra	: Mess Secretary

ADMINISTRATIVE OFFICIALS

Mr P K Chopra
Registrar

Mr Ram Babu Bhagat
Joint Registrar, Estt & Admin & PIO

Mr H K Sharma
Joint Registrar, Finance and Accounts & APIO

Mr Bipul Kumar Chaudhary
Deputy Registrar, Faculty Affairs

Mr Pijush Majumdar
Assistant Registrar, Student Affairs & APIO

Ms Meena Joshi
Assistant Registrar, General Administration & APIO

Mr Pranav S Rohit
Assistant Registrar, General Administration

Mr Biresh Chaubey
Assistant Registrar, Student Affairs - I & APIO

Ms Ishani M Sutaria
Assistant Registrar, Student Affairs - II

Ms Neha Sharma
Assistant Registrar, R&D

Mr Vikash Kumar
Assistant Registrar, Materials Management

Mr Jithesh V K
Assistant Registrar, PS to Director

Mr Viral Y Shah
Assistant Registrar, Academics & APIO

IIT Gandhinagar is launching new BTech and MTech programs in **Integrated Circuit Design and Technology (ICDT)** starting from the academic year 2024-25. Additionally, we are expanding our **Artificial Intelligence** curriculum by offering MTech and PhD programs in this domain. Furthermore, the Institute is initiating a collaborative PhD program with the **Space Applications Centre (SAC)** Ahmedabad in the forthcoming academic year.

ACADEMICS

PROGRAMMES OFFERED

BTECH
Artificial Intelligence | Chemical Engineering | Civil Engineering | Computer Science and Engineering | Electrical Engineering | Materials Engineering | Mechanical Engineering

MSc
Chemistry | Cognitive and Brain Sciences | Mathematics | Physics

MA
Humanities and Social Sciences

MTECH / PGDIIT
Biological Sciences and Engineering | Chemical Engineering | Civil Engineering | Computer Science and Engineering | Earth System Science | Electrical Engineering | Materials Engineering | Mechanical Engineering

PHD
Biological Sciences and Engineering | Chemical Engineering | Chemistry | Civil Engineering | Cognitive and Brain Sciences | Computer Science and Engineering | Earth Sciences | Electrical Engineering | Humanities & Social Sciences | Materials Engineering | Mathematics | Mechanical Engineering | Physics

DUAL MAJOR BTECH PROGRAMME
- that enables a student to graduate with degrees in two disciplines

BTECH-MTECH DUAL DEGREE
- that enables a student to graduate with both BTech and MTech degrees in five years.

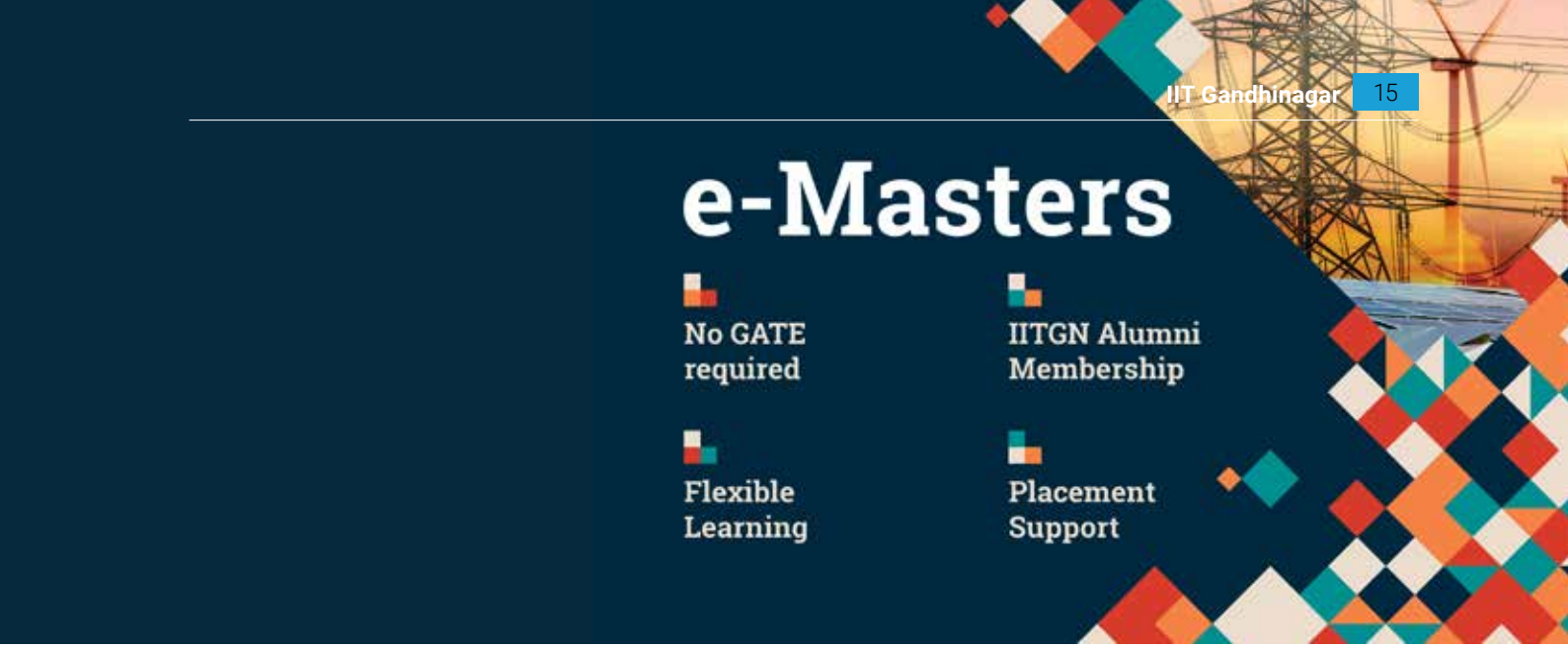
From the academic year 2022-23, students have also been admitted to BTech-MTech Dual Degree programme directly through JEE (advanced) in the disciplines of Computer Science & Engineering, Electrical Engineering and in Mechanical Engineering from the academic year 2023-24.

BTECH-MSC DUAL DEGREE
- that enables a student to graduate with both BTech and MSc degrees in five years

BSc (ENGINEERING)
Three-year BSc degree is an "Exit" degree and no separate admissions are offered into this programme. BSc in Engineering is without any sub-specialisation.

VISITING STUDENT PROGRAMME
A student who is registered for a degree in a recognised institute or university in India or abroad, and who is officially sponsored by that institute or university to complete part of his/her academic requirements at IITGN, can apply for admission to IITGN as a visiting student.

Apart from the above-mentioned programmes, e-Masters Degree Programmes are also offered in Energy Policy and Regulation (EPR) and Data Science for Decision Making (DSDM).



E-MASTERS

E-MASTERS DEGREE PROGRAMME: With the technology landscape evolving rapidly, continuous skill upgrades for professionals are imperative. To address this need, IITGN has introduced an e-Masters degree program, providing practicing professionals with a platform to develop expertise in specific knowledge domains, benefiting both individuals and corporate organizations. Candidates in this program typically complete 48 credits of coursework, without a thesis requirement. IITGN has launched the following e-Masters programmes:

- **ENERGY POLICY AND REGULATION:** This program is tailored to meet the skill development needs crucial for the energy and power sector by effectively blending theoretical knowledge with practical application. Structured as a two-year course, it offers a flexible, executive-friendly format, enabling enrolled candidates to manage their work commitments simultaneously. The program includes live interactive sessions during evenings and weekends, complemented by self-paced learning modules for strategic learning and discussions. This program was launched in September 2023, classes began in January 2024.
- **DATA SCIENCE FOR DECISION MAKING:** The e-Masters in Data Science for Decision Making (DSDM) program by IITGN serves as a pioneering endeavor to upskill industry executives and working professionals in data science education and translate their data science prowess into strategic decision-making. Unlike traditional constraints that often limit educational offerings to specific departments, the curriculum of e-Masters in DSDM at IITGN is inclusive, innovative, and insightful, catering to practitioners from diverse backgrounds such as engineering, science, business, or any other field. The program offers a comprehensive and multidisciplinary approach to data science and its application to drive tangible outcomes. Through rigorous coursework and real-world applications, the program aims to equip students with the tools, skills, and mindset required to navigate this dynamic landscape. Launched in January 2024, classes are scheduled to start in May 2024.

FOCUS SCHOOL PROGRAMME: The program is primarily designed to enhance the professional readiness of graduating students from various institutes; this programme aims to train them in new and emerging areas. IITGN started a 14-week focus school on Jan 8, 2024 in Geotechnical Infrastructure Design (GID), offered by the Civil Engineering department, which provides participants with opportunities to engage in real-life projects related to infrastructure development, with a specific emphasis on geotechnical design aspects. Students will collaborate independently or in teams to develop the designs.

12TH CONVOCATION

IITGN hosted its 12th Convocation on July 29, 2023, by conferring degrees to a total of 456 students. **Dr B V R Mohan Reddy**, founder chairman and board member, Cyient, a global technology solutions company, graced the occasion as the chief guest. **Dr Rajiv Modi**, chairman & managing director, Cadila Pharmaceuticals Ltd and chairman of the IITGN Board of Governors, was also present on the occasion. **Prof Rajat Moona**, the director, gave a brief overview of the Institute's activities and achievements during the year. For the first time, the Institute awarded verifiable and tamper-proof digital degrees, mark sheets, and medal certificates in USB drives to 73 PhD students, 43 MTech students, 1 BTech-MTech Dual Degree student, 108 MSc students, 23 MA students, 8 PGDIIT students, 3 BTech Dual Major students, 196 BTech students, and 1 BSc (Engineering) student. In addition, the Institute has also uploaded these digital degrees into students' DigiLocker. This year, 48 students received 58 medals, including 42 gold medals and 16 silver medals for excellence in various categories. **Shrreya Singh** was awarded the President's Gold Medal for BTech, **S Ankita Kumari Jain** secured the President's Gold Medal for MTech, and **Kaushik Khamari** received the President's Gold Medal for MSc and MA. **Isha Bayad** bagged the Director's Gold Medal for BTech, Director's Gold Medal for MTech went to **Riddhi Johri**, Director's Gold Medal for PhD was awarded to **Shanti Shwarup Mahato**, and **Ramya Warrier** won Director's Gold Medal for MSc and MA. The entire event was also streamed online on IITGN's YouTube channel.

RECIPIENTS OF THE DEGREE OF DOCTOR OF PHILOSOPHY

Roll No	Name	DISCIPLINE
16310003	Chaithra	Biological Engineering
17310023	Anjali Rajwar	Biological Engineering
17310028	Shewale Dipeshwari Janardhan	Biological Engineering
17310037	Richa Rashmi	Biological Engineering
14210012	Mohd Umair Iqbal	Chemical Engineering
15310003	Patil Parag Shankar	Chemical Engineering
15310032	Neetu Varun	Chemical Engineering
17310007	Pothukuchi Nagavenkata Rajesh Pavan	Chemical Engineering
17310029	Diptiranjan Paital	Chemistry
17310036	Dahiwadkar Rahul Bandopant	Chemistry
18310051	Aman Bajpai	Chemistry
14210029	Nanditha J S	Civil Engineering
15210014	Kolli Mohan Krishna	Civil Engineering
15350006	Saboo Anirudh Satishkumar	Civil Engineering
18310014	Chandrashekhar Devendra Bhagat	Civil Engineering
14510017	Jagini Kishore Kumar	Cognitive Science

15510011	Sohhom Bandyopadhyay	Cognitive Science
18310061	Pankaj Pandey	Computer Science and Engineering
16310006	Pritha Chakravarti	Earth Sciences
17330001	Rishitosh Kumar Sinha	Earth Sciences
17330004	Alka Rani	Earth Sciences
17330005	Amit Pandey	Earth Sciences
17330013	Himanshu Saxena	Earth Sciences
17330018	Milan Kumar Mahala	Earth Sciences
17330021	Partha Sarathi Jena	Earth Sciences
17330030	Shivani Baliyan	Earth Sciences
18310040	Shanti Shwarup Mahto	Earth Sciences
11110001	Aalok Ashok Gangopadhyay	Electrical Engineering
16310004	Upadhyay Parth Tarun	Electrical Engineering
17310043	Soumyashree Soumyaprakash Panda	Electrical Engineering
17350003	Kumari Neeraj Kaushal	Electrical Engineering
18210043	Krishna Kumar	Electrical Engineering
16310031	Shivani Sharma	Humanities and Social Sciences
16310033	Susanna G.	Humanities and Social Sciences
16310037	Ankita Nair	Humanities and Social Sciences
18310046	Joshi Swati Satish	Humanities and Social Sciences
15210043	Prateek Goyal	Materials Science and Engineering
15210044	Rakesh Behera	Materials Science and Engineering
16310025	Ranjit Kumar Dehury	Materials Science and Engineering
13510011	Shivam Dhama	Mathematics
16310042	Ayush Jaiswal	Mathematics
16510085	Sudip Pandit	Mathematics
17310031	Kamalesh Saha	Mathematics
17310033	Pranjal Srivastava	Mathematics
18310028	Om Prakash	Mathematics
18310041	Shivajee	Mathematics
15210055	Nakka Suryasatyasanjeevi	Mechanical Engineering
16310040	Ashish Kumar Shukla	Physics
16330008	Ayan Biswas	Physics
17330002	Abhay Kumar	Physics
17330003	Abhijit Kayal	Physics
17330006	Ankit Kumar	Physics
17330007	Anshika Bansal	Physics
17330008	Aravind K	Physics
17330010	Biswajit Mondal	Physics
17330011	Deepak Kumar	Physics
17330014	Hirdesh Kumar	Physics
17330015	Sable Hrushikesh Shashikant	Physics
17330016	Kamlesh Bora	Physics
17330020	Neeraj Kumari	Physics
17330022	Pravin Kumar Natwariya	Physics
17330024	Ramanuj Mitra	Physics
17330025	Rituparna Das	Physics
17330026	Sana Ahmed	Physics
17330027	Sarika Mishra	Physics
17330028	Patil Satyajeet Jayvant	Physics

17330031	Sovan Saha	Physics
17330033	Sudipta Show	Physics
17330034	Suraj Sahu	Physics
17330035	Sushant Dutta	Physics
17330036	Tanmay Kumar Poddar	Physics
17330039	Vipin Kumar	Physics
17330040	Ngairangbam Vishal Singh	Physics

RECIPIENTS OF THE DEGREE OF MASTER OF TECHNOLOGY

BIOLOGICAL ENGINEERING

Roll No	Name
20210013	Rakesh Thakur
21210002	Aditi Lakshmi S
21210019	Pise Pradnya Vivekanand
21210026	Shaurav Bhattacharyya
21210030	Sreyoshi Das
21210031	Sugandha Singh
21210039	Mekdes Wubet Bezabh
21250008	Marri Bhanu Prasad

CHEMICAL ENGINEERING

Roll No	Name
20250006	Harshit Sharma
16110088	Manjot Singh
21250002	Amisha Rastogi
21250020	Rupantar Choudhury
21250023	Shashwat Srivastava
21250030	Akavaram Vishwas Reddy

CIVIL ENGINEERING

Roll No	Name
20250010	Ekta Jaiswal
16110045	Danish Mansoor
21210035	Vaidika Choudhary
21210038	Sandesh Tripathi
21250003	Amitesh Sabut
21250015	K Nandana Dilip

COMPUTER SCIENCE AND ENGINEERING

Roll No	Name
21210036	Gavini Venkata Sai Kumar
21250004	S Ankita Kumari Jain
21250011	Iram Nawab
21250019	Riddhi Johri
21250024	Shoaib Alam

EARTH SYSTEM SCIENCE

Roll No	Name
20210010	Omkar
21210009	Girivendra Pratap Yadav

Electrical Engineering

Roll No	Name
21210022	Rahul Kumar
21210037	Mittapalli Yaswanth Ram
21250001	Alok Pradhan
21250007	Ayush Srivastava
21250021	Sakshi Sawai
21250026	Siddesh Patnaik
21250031	Yash Vardhan Omar

MATERIALS ENGINEERING

Roll No	Name
20210012	Rakesh Choubey
21210008	Chitranjan Kumar Jha
21250022	Sambit Kumar Sahoo

MECHANICAL ENGINEERING

Roll No	Name
20250042	Turpati Sunilkumar
21210010	Gourab Chakraborty
21210041	Biki Kumar Sah Kalwar
21250010	Ipsita Sahoo
21250013	Madhusmita Ray
21250027	Subhrajit Chand

RECIPIENT OF THE BTECH-MTECH DUAL DEGREE

Roll No	Name	Degree
18110166	Souritra Garai	Bachelor of Technology in Chemical Engineering and Master of Technology in Mechanical Engineering

RECIPIENTS OF THE DEGREE OF MASTER OF SCIENCE

CHEMISTRY

Roll No	Name
20510021	Aakash Pandey
20510031	Jeevanjyoti Das
20510039	Samanaway Das
21510021	Aakshi Gautam
21510023	Aditi Bhargava
21510025	Amey Ashok Bait
21510030	Ankit Dhiman
21510031	Ankita Rakesh Jamane
21510036	Ashu

21510038	Ashwani Sharma
21510043	Chauhan Chetansinh Kesarisinh
21510051	Himadri Koch
21510067	Pradhan Nachiket Kishor Sayali
21510069	Namrata Goyal
21510070	Naveen Kumar
21510072	Nikhil
21510073	Nisha Singla
21510074	Nishank Chauhan
21510076	Palak
21510087	Rajesh Kashyap
21510090	Renuka L
21510095	Saatwik Suman
21510096	Sachin Kumar
21510106	Sudipta Porel
21510115	Tushar Gupta
21570005	Patel Khantil Prakashbhai
21570008	Priyash Verma

COGNITIVE SCIENCE

Roll No	Name
20510001	Aadishree Atul Dixit
20510008	Devangshu Nandi
17110034	Banoth Vishnu Sai Naik
21510002	Ashla Selvam A
21510003	Atri Ghosh
21510004	Gayatri Narayan Nerpagar
21510005	Gopika Velayudhan
21510006	Hitesh Pradhan
21510007	Malavika Krishna Kumar
21510008	Mrunal Jeetendra Chavan
21510009	Murshid Husain
21510011	Rahi Mahadev Bhalekar
21510012	Ramya Warrier
21510013	Rashi
21510014	Samarpita Mallick
21510015	Shivam Chaudhary
21510017	Smriti Saini
21510018	Kottu Srisai Rakesh
21510019	Susan Ajith
21510020	Vridhi Jatin Rohira

MATHEMATICS

Roll No	Name
20510049	Amar Chand Meena
20510069	Paras Nigam
20510072	Rahul Kumar Meena
21510026	Amgoth Srinivas
21510029	Aniket Chandrakant Walekar
21510032	Ankita Yadav
21510033	Anmol Chugh
21510034	Damera Aravindha Prabhath
21510035	Argha Sardar
21510037	Ashu Verma
21510039	Bhusare Balaji Ashok
21510044	Debanshu Ghosh
21510045	Dushyant Kumar Thurwal
21510048	Harshit Singh Chauhan
21510050	Hemanti Saha
21510052	Hitesh Kumar
21510056	Kaushik Khamari
21510057	Kirtika
21510061	Kuldeep Kumar
21510071	Neha Yadav
21510081	Prerna Chandak
21510083	Pulkit Kumar
21510086	Chauhan Raj Vinodbhai
21510092	Vaja ritu Valji Nita
21510094	Rohit Mahariya
21510097	Saikat Manna
21510099	Saurav
21510101	Shuvo Roy
21510104	Srikrishna Das
21510107	Suman Pal
21510111	Swagat Das
21510112	Swarnadeep Bagchi
21510119	Deshpande Vinay Milind Shubhada
21510120	Vishwajeet
21570002	Arijit Paul
21570009	Rahul
21570011	Tushar Karmakar

PHYSICS

Roll No	Name
20510114	Surabhi Jagadeesh Menon
21510040	Bhagchand Meena
21510042	Chanchal Sharma
21510047	Hansraj Saini
21510055	Kaushik Kangsabanik
21510058	Koustubh Guha
21510059	Krishna Thory
21510060	Kuldeep Jyani
21510066	Mousumi Mitra
21510077	Parth Lokanda
21510091	Rishabh Kumar Singh
21510093	Rohit Dharia
21510098	Samriddha Majumdar
21510103	Soham Acharya
21510105	Subhasish Guha
21510110	Sushil Kumar
21510113	Tannu

21510121	Jaybhaye Govind Yogesh
21510122	Zainul Khan
21510123	Manan Shah
21570003	Ayushi Divyeshkumar Bhatt
21570004	Trivedi Denish Narendrabhai
21570006	Nilabhra Adhikary
21570007	Nilachal Chakrabarti

RECIPIENTS OF THE DEGREE OF MASTER OF ARTS

SOCIETY AND CULTURE

Roll No	Name
20520003	Anisha Mohanty
20520017	Sagar Sudhakar
20520026	Anjali Singh
21520001	Aanchal Sharma
21520002	Abhilasha Hazarika
21520003	Afeef Ahmed
21520004	Ahhie Megha
21520006	Aniket Gautamrao Lakhpati
21520007	Arjun Yadav
21520009	Darsana J Varier
21520010	Deeksha Gautam
21520011	E P Sarfras
21520012	Fulmoni Munda
21520014	Jidugu Kavya Harshitha
21520017	Mitesh Shivram Solanki
21520018	Mohammad Asim
21520020	Praisy Rachael David
21520021	Pranathi Sridhar
21520023	Rutuja Jagadish Gongane
21520024	Safa Fathim
21520026	Sheersha Barik
21520027	Shreya Kapoor
21520028	Tajamul Islam

RECIPIENTS OF THE POST-GRADUATE DIPLOMA OF THE INSTITUTE

Roll No	Name	Degree
17310004	Chanda	Post Graduate Diploma of the Institute in Computer Science and Engineering
20310069	Shubham Kumar	Post Graduate Diploma of the Institute in Civil Engineering
20310071	Susmita Mondal	Post Graduate Diploma of the Institute in Computer Science and Engineering
21310026	Rajat Kumar Basak	Post Graduate Diploma of the Institute in Electrical Engineering
21250016	Prakash Kumar	Post Graduate Diploma of the Institute in Civil Engineering
21310017	Maitreyee Tiwari	Post Graduate Diploma of the Institute in Civil Engineering
21210006	Pustode Bhramar Sanjay	Post Graduate Diploma of the Institute in Materials Engineering
22410001	Jariwala Meghavi Ketan Preeti	Post Graduate Diploma of the Institute in Chemical Engineering

RECIPIENTS OF THE DEGREE OF DUAL MAJOR BTECH

Roll No	Name	Degree
18110072	Jayesh Dnyaneshwar Salunkhe	Bachelor of Technology in Electrical Engineering and Bachelor of Technology in Computer Science and Engineering
18110169	Taha Mohammad Syed	Bachelor of Technology in Chemical Engineering and Bachelor of Technology in Computer Science and Engineering
18110180	Khandare Vaibhav Dilip	Bachelor of Technology in Chemical Engineering and Bachelor of Technology in Computer Science and Engineering

RECIPIENTS OF THE DEGREE OF BACHELOR OF TECHNOLOGY

CHEMICAL ENGINEERING

Roll No	Name	Degree
18110019	Amit Kumar Sunda	Bachelor of Technology in Chemical Engineering
18110043	Darren R	Bachelor of Technology in Chemical Engineering
18110060	Parmar Hariharan Dnyaneshwar	Bachelor of Technology in Chemical Engineering with Minor in Computer Science and Engineering
19110002	Aditya Shekhar Sinha	Bachelor of Technology In Chemical Engineering
19110003	Akhilesh Chauhan	Bachelor of Technology in Chemical Engineering with Minor in Management
19110004	Akshay Chourasiya	Bachelor of Technology in Chemical Engineering with Minor in Management
19110006	Avinash Kumar	Bachelor of Technology in Chemical Engineering
19110007	Meetkumar Alpeshbhai Bavaria	Bachelor of Technology in Chemical Engineering
19110008	Bayad Isha Jairaj	Bachelor of Technology in Chemical Engineering with Minor in Mechanical Engineering
19110010	Deepak Patel	Bachelor of Technology in Chemical Engineering with Minor in Management
19110011	Ingale Dhanashree Sanjay	Bachelor of Technology in Chemical Engineering
19110013	Mali Digvijay Vaibhav	Bachelor of Technology in Chemical Engineering

19110014	Gohil Vishwaraj Bhavesh	Bachelor of Technology in Chemical Engineering
19110016	Hiral Sharma	Bachelor of Technology in Chemical Engineering
19110018	Monika Saini	Bachelor of Technology in Chemical Engineering
19110019	Mude Harshavardhan Naik	Bachelor of Technology in Chemical Engineering
19110021	Pahuni Jain	Bachelor of Technology in Chemical Engineering with Minor in Materials Science & Engineering
19110022	Payyavula Jagadeesh	Bachelor of Technology in Chemical Engineering
19110026	Sevalkar Rohit Shashikant	Bachelor of Technology in Chemical Engineering with Minor in Management
19110027	Sai Yashverdhan	Bachelor of Technology in Chemical Engineering with Minor in Management
19110029	Saransh Rakesh Chaudhary	Bachelor of Technology in Chemical Engineering
19110030	Shah Revant Nirav	Bachelor of Technology in Chemical Engineering with Minor in Management
19110031	Shreyansh Chourasiya	Bachelor of Technology in Chemical Engineering
19110034	Thahir Naquash	Bachelor of Technology in Chemical Engineering
19110036	Vishal Kumar	Bachelor of Technology in Chemical Engineering
19110044	Choudhary Xhitij Manish	Bachelor of Technology in Chemical Engineering with Minors in Computer Science and Engineering and Artificial Intelligence
19110066	Shreyash Agrawal	Bachelor of Technology in Chemical Engineering with Minor in Management
19110145	C Faheem Shanavas	Bachelor of Technology in Chemical Engineering with Minor in Management
19110154	Paarth Madan	Bachelor of Technology in Chemical Engineering

CIVIL ENGINEERING

Roll No	Name	Degree
18110150	Ingale Sahil Purushottam	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110023	Piyush Jagarwal	Bachelor of Technology in Civil Engineering
19110037	Aakash Meena	Bachelor of Technology in Civil Engineering
19110038	Patel Agam Jitendra	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110039	Akash Meena	Bachelor of Technology in Civil Engineering
19110040	Anushka Niti	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110041	Arushi Arnav	Bachelor of Technology with Honours in Civil Engineering
19110042	Ashok Kumar	Bachelor of Technology in Civil Engineering
19110043	Ashwani Sunil Rai	Bachelor of Technology with Honours in Civil Engineering
19110045	Deependra Kumar Rajoria	Bachelor of Technology in Civil Engineering
19110047	Dudhatra Harsh Pravinkumar	Bachelor of Technology in Civil Engineering with Minor in Management
19110048	Gurrala Priyanka	Bachelor of Technology in Civil Engineering
19110049	Harsh Vinayak	Bachelor of Technology in Civil Engineering
19110050	Hemant Poonia	Bachelor of Technology in Civil Engineering
19110051	Himanshu Singhal	Bachelor of Technology in Civil Engineering with Minor in Management
19110052	Jetty Hemasagar	Bachelor of Technology in Civil Engineering
19110053	Keshav Kumar Verma	Bachelor of Technology in Civil Engineering
19110054	Manish Laxkar	Bachelor of Technology in Civil Engineering
19110055	Paarth Sachan	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110056	Prashant Malav	Bachelor of Technology in Civil Engineering
19110058	Patel Raavi Vinodkumar	Bachelor of Technology in Civil Engineering with Minor in Sustainable Development
19110060	Ritesh Kumar	Bachelor of Technology in Civil Engineering
19110061	Rohit Goyal	Bachelor of Technology in Civil Engineering
19110062	Sachin Yadav	Bachelor of Technology in Civil Engineering with Minor in Management
19110063	Shashwat Parashar	Bachelor of Technology in Civil Engineering
19110064	Shashwat R. Jain	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110067	Gohad Snehal Dnyaneshwar	Bachelor of Technology in Civil Engineering with Minor in Management
19110068	Upashana Pankaj	Bachelor of Technology in Civil Engineering with Minor in Management
19110070	Yawalkar Abhishek Ganpati	Bachelor of Technology in Civil Engineering with Minor in Computer Science and Engineering
19110144	Bikkumalla Rishitha	Bachelor of Technology with Honours in Civil Engineering

COMPUTER SCIENCE AND ENGINEERING

Roll No	Name	Degree
18110006	Abhinav Singh	Bachelor of Technology in Computer Science and Engineering
18110094	Lovepreet Singh	Bachelor of Technology in Computer Science and Engineering
19110032	Shreyshi Singh	Bachelor of Technology in Computer Science and Engineering
19110057	Purohit Harshil Praval	Bachelor of Technology in Computer Science and Engineering
19110071	Abhigyan Martin Ninama	Bachelor of Technology in Computer Science and Engineering

19110072	Aditya Shakya	Bachelor of Technology in Computer Science and Engineering
19110074	Ayush Anand	Bachelor of Technology in Computer Science and Engineering
19110076	Bhoomika Mandloi	Bachelor of Technology in Computer Science and Engineering
19110078	Brahmmadandi Devendhar	Bachelor of Technology in Computer Science and Engineering
19110079	Chauhan Mihir Harshadkumar	Bachelor of Technology in Computer Science and Engineering
19110080	Chetan Kishore	Bachelor of Technology in Computer Science and Engineering
19110081	Divyanshu Meena	Bachelor of Technology in Computer Science and Engineering
19110082	Eshan Randhir Gujarathi	Bachelor of Technology with Honours in Computer Science and Engineering
19110083	G B Harsha Vardhan	Bachelor of Technology in Computer Science and Engineering
19110084	Giriyam Sai Narasimha	Bachelor of Technology in Computer Science and Engineering
19110085	Gunuru Manoj Taraka Ramarao	Bachelor of Technology in Computer Science and Engineering
19110086	Hardik Mahur	Bachelor of Technology in Computer Science and Engineering
19110087	Hitarth Gandhi	Bachelor of Technology with Honours in Computer Science and Engineering
19110088	Hrushti Naik	Bachelor of Technology with Honours in Computer Science and Engineering
19110089	Kanishk Sanjaykumar Singh	Bachelor of Technology in Computer Science and Engineering
19110090	Lavti Shubh Sunil	Bachelor of Technology in Computer Science and Engineering
19110091	Likhita Baswani	Bachelor of Technology in Computer Science and Engineering
19110092	Mahika Om Jaguste	Bachelor of Technology in Computer Science and Engineering
19110093	Manas Mulpuri	Bachelor of Technology in Computer Science and Engineering
19110094	Mekala Rishitha Ravi	Bachelor of Technology in Computer Science and Engineering
19110095	Nalamolu Jaya Surya Vamsi	Bachelor of Technology in Computer Science and Engineering
19110096	Paras Jain	Bachelor of Technology in Computer Science and Engineering
19110097	Ramireddy Lakshmi Nageswari	Bachelor of Technology in Computer Science and Engineering
19110098	Rithik M	Bachelor of Technology in Computer Science and Engineering
19110100	Shantanu Sahu	Bachelor of Technology in Computer Science and Engineering
19110101	Shridhar Sominath Pawar	Bachelor of Technology in Computer Science and Engineering
19110102	Talari Venkata Sunny	Bachelor of Technology in Computer Science and Engineering
19110103	Tumati Rohith Kumar Reddy	Bachelor of Technology in Computer Science and Engineering
19110104	V P Shivasankaran	Bachelor of Technology with Honours in Computer Science and Engineering
19110105	Varun Barala	Bachelor of Technology in Computer Science and Engineering
19110106	Viramgami Gaurav Hiteshkumar	Bachelor of Technology with Honours in Computer Science and Engineering
19110127	Nipun Mahajan	Bachelor of Technology with Honours in Computer Science and Engineering
19110128	Paras Gupta	Bachelor of Technology in Computer Science and Engineering
19110136	Shrreya Singh	Bachelor of Technology with Honours in Computer Science and Engineering
19110184	Krishnam Hasija	Bachelor of Technology in Computer Science and Engineering
19110207	Soni Vishal Jayesh	Bachelor of Technology in Computer Science and Engineering

ELECTRICAL ENGINEERING

Roll No	Name	Degree
17110071	Karri Revanth Ratna Kireeti	Bachelor of Technology in Electrical Engineering
19110025	Rishabh Gupta	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110028	Sanchit Mittal	Bachelor of Technology in Electrical Engineering
19110035	Vashishtha Gautam Prashant	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110108	Achal Kanojia	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110109	Ajitesh Joshi	Bachelor of Technology in Electrical Engineering
19110110	Gawai Anjali Milind	Bachelor of Technology in Electrical Engineering
19110111	Anurag Kurle	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110112	Aryaman Tomar	Bachelor of Technology in Electrical Engineering
19110113	Chelli Santhosh Chand	Bachelor of Technology in Electrical Engineering
19110114	Chintalapati Sreevidya	Bachelor of Technology with Honours in Electrical Engineering
19110115	Deepak Singh	Bachelor of Technology in Electrical Engineering
19110116	Desai Aadesh Ketan	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110117	Dheeraj Kumar	Bachelor of Technology in Electrical Engineering
19110118	Earandi Saineeth	Bachelor of Technology in Electrical Engineering
19110120	Hiten Ferwani	Bachelor of Technology in Electrical Engineering
19110121	Shubham Ganpati Kewat	Bachelor of Technology in Electrical Engineering
19110122	Koushik Chandra Chenna	Bachelor of Technology with Honours in Electrical Engineering
19110124	Mula Sai Ruthvik Reddy	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110125	Nikharv Vipul Shah	Bachelor of Technology in Electrical Engineering with Minor in Management

19110126	Ninad Parthiv Shah	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110129	Patel Rajan Girishbhai	Bachelor of Technology in Electrical Engineering
19110130	Pindi Krishna Mohan	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110131	Pranav Kanwat	Bachelor of Technology in Electrical Engineering
19110132	Sai Shubham	Bachelor of Technology in Electrical Engineering
19110133	Jagtap Sakshi Sanjay	Bachelor of Technology in Electrical Engineering
19110134	Sama Sai Shreya Mudiraj	Bachelor of Technology in Electrical Engineering
19110135	Satyam Anand	Bachelor of Technology in Electrical Engineering
19110137	Shubham Kumar	Bachelor of Technology in Electrical Engineering
19110138	Sonal Choudhary	Bachelor of Technology in Electrical Engineering
19110139	Upadhyay Swar Jatin	Bachelor of Technology in Electrical Engineering
19110140	Tarun Sharma	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110148	Eshika Pathak	Bachelor of Technology with Honours in Electrical Engineering
19110157	Pandit Shubham Bhagvandas	Bachelor of Technology with Honours in Electrical Engineering
19110191	Nimit Agarwal	Bachelor of Technology in Electrical Engineering
19110196	Pulkit Jain	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110199	Parikh Saagar Dhaval	Bachelor of Technology in Electrical Engineering with Minor in Computer Science and Engineering
19110200	Sanjay Venkitesh	Bachelor of Technology with Honours in Electrical Engineering

MATERIALS SCIENCE AND ENGINEERING

Roll No	Name	Degree
19110141	Abhishek Janagal	Bachelor of Technology in Materials Science and Engineering
19110142	Ajay Karwasara	Bachelor of Technology in Materials Science and Engineering
19110143	Ayush Agrawal	Bachelor of Technology in Materials Science and Engineering with Minor in Computer Science and Engineering
19110146	Desai Rushik Jatin	Bachelor of Technology in Materials Science and Engineering
19110147	Patil Durgesh Benilal	Bachelor of Technology in Materials Science and Engineering
19110149	G S V Abhiram	Bachelor of Technology in Materials Science and Engineering with Minor in Computer Science and Engineering
19110150	Guntoorkar Chaitanya Shashikant	Bachelor of Technology in Materials Science and Engineering with Minor in Management
19110151	Jitender Kumar	Bachelor of Technology in Materials Science and Engineering
19110152	Juhi Parikh	Bachelor of Technology with Honours in Materials Science and Engineering
19110153	Mohit Kumar	Bachelor of Technology in Materials Science and Engineering with Minor in Management
19110155	Palakurthy Chetan Kumar	Bachelor of Technology in Materials Science and Engineering with Minor in Management
19110158	Patel Vashisth Priteshbhai	Bachelor of Technology in Materials Science and Engineering
19110161	Rahul Dev Gupta	Bachelor of Technology in Materials Science and Engineering
19110162	Rudresh Rai	Bachelor of Technology in Materials Science and Engineering
19110163	S N Sai Kumar	Bachelor of Technology in Materials Science and Engineering
19110164	Sameer Khan Mehar	Bachelor of Technology in Materials Science and Engineering
19110166	Shelke Snehal Rajkumar	Bachelor of Technology in Materials Science and Engineering
19110167	Shirodkar Soham Rajesh	Bachelor of Technology with Honours in Materials Science and Engineering
19110168	Shubham Saurabh	Bachelor of Technology in Materials Science and Engineering
19110169	Siddharth Joshi	Bachelor of Technology in Materials Science and Engineering with Minor in Computer Science and Engineering
19110170	Surawar Siddhi Pravin	Bachelor of Technology with Honours in Materials Science and Engineering
19110171	Tamma Sowmya Sri	Bachelor of Technology in Materials Science and Engineering
19110173	Umang Agrawal	Bachelor of Technology in Materials Science and Engineering with Minor in Management

MECHANICAL ENGINEERING

Roll No	Name	Degree
16110168	Aditya Dayanand Tare	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110012	Dhruv Darda	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110033	Sresth Tosniwal	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110046	Dhvani Manish Shah	Bachelor of Technology in Mechanical Engineering with Minor in Robotics
19110156	Pallav Jain	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering

19110159	Prateek Kumar Jha	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110160	Pratham Panchal	Bachelor of Technology in Mechanical Engineering
19110165	Sayan Biswas	Bachelor of Technology in Mechanical Engineering with Minors in Management and Sustainable Development
19110172	Thumar Meet Dhirajlal	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110174	Vishwas Joshi	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110175	Adarsh Golait	Bachelor of Technology in Mechanical Engineering
19110176	Akshata Naykoo Kokane	Bachelor of Technology in Mechanical Engineering
19110177	Anand Kumar Yadav	Bachelor of Technology in Mechanical Engineering
19110178	Aniket Rajnish	Bachelor of Technology in Mechanical Engineering with Minor in Design
19110179	Aryan Shah	Bachelor of Technology with Honours in Mechanical Engineering
19110180	Dave Deep Kant	Bachelor of Technology in Mechanical Engineering
19110181	Gaurav Sharma	Bachelor of Technology in Mechanical Engineering with Minor in Management
19110182	Mansuri Insha Sabrejbhai	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110183	Kanish Bhagat	Bachelor of Technology in Mechanical Engineering
19110185	Kritika Kumawat	Bachelor of Technology in Mechanical Engineering
19110186	Mandalia Harsh Devendrabhai	Bachelor of Technology in Mechanical Engineering with Minor in Robotics
19110187	Manvendra Singh Songara	Bachelor of Technology in Mechanical Engineering
19110190	Nikita	Bachelor of Technology in Mechanical Engineering
19110192	Patel Videh Prerakbhai	Bachelor of Technology in Mechanical Engineering with Minor in Robotics
19110193	Pintu Kumar Meena	Bachelor of Technology in Mechanical Engineering
19110194	Ishan Sunil Prayagi	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110195	Preet Sanketbhai Shah	Bachelor of Technology in Mechanical Engineering with Minor in Robotics
19110197	Rahul Mina	Bachelor of Technology in Mechanical Engineering
19110198	Rishabh Rohil	Bachelor of Technology in Mechanical Engineering
19110201	Sanskar Anil Nalkande	Bachelor of Technology in Mechanical Engineering with Minor in Computer Science and Engineering
19110202	Savudam Sai Sathvik	Bachelor of Technology in Mechanical Engineering
19110203	Shubham Verma	Bachelor of Technology in Mechanical Engineering
19110205	Sneha Shamrao Sawale	Bachelor of Technology in Mechanical Engineering
19110208	Sourav Yadav	Bachelor of Technology in Mechanical Engineering
19110209	Tejendra Patel	Bachelor of Technology in Mechanical Engineering

STUDENTS

PROGRAMME-WISE SUMMARY OF STUDENTS AT IITGN

PROGRAMME	NUMBER OF STUDENTS AS ON MARCH 31, 2024
BTech	1050
BTech - MTech dual degree	82
e-Masters	24
MA	67
MSc	256
MTech	250
PGDIIT	10
PhD	646
Visiting students programme-PG	1
Visiting students programme-UG	19
Total	**2405**

SHORT COURSES

IITGN started offering short courses since 2010. These are 1-credit courses with a typical 10 to 12 hours of engagement. The Institute offers 8-9 courses per semester on an average, totalling 244 courses to date. In particular, the Institute has offered 26 short courses in the academic year Apr 2023 - Mar 2024. These include diverse courses ranging from Microstructure determination from x-ray diffraction profiles by **Prof Gabor Ribarik**, faculty in Eötvös University, Department of materials physics, Budapest, Hungary; to Process data analytics by **Prof Sirish L Shah**, emeritus professor at the University of Alberta. More than 350 students across disciplines and levels have benefitted from these courses. Short courses are a testament to the Institute's all-inclusive philosophy.

Short courses allow the following:

a. promotes active engagement with professionals and researchers globally and diversifies the inhouse portfolio of courses
b. covers a wide range of topics that cannot be accommodated within the curriculum
c. promotion of interdisciplinary thinking among students through open-to-all offerings

The list of short courses that were conducted during Apr 2023 - Mar 2024 are as follows:

- Business ethics & responsible leadership by **Dr Ramachandran Veetikazhi**, joint doctorate holder, IIT Madras, Apr 1-9, 2023
- Writing for engineering by **Prof Jooyoung Kim**, assistant teaching professor, Cognitive and Brain Sciences, IITGN, Mar 28-Apr 12, 2023
- Brush up your grammar: A course for beginners by **Dr Monal K Desai**, teaching associate and **Akanksha Varma**, PhD student, IITGN, Jun 12-21, 2023
- Scientific writing by **Dr Monal K Desai**, teaching associate, IITGN, Jul 17-28, 2023
- Drone data acquisition, processing, and interpretation by **Prof Pankaj Khanna**, assistant professor, Earth Sciences, IITGN, Aug 10-14, 2023
- Business ethics & responsible leadership by **Dr Ramachandran Veetikazhi**, joint doctorate holder, IIT Madras, Aug 18- 09 Sep, 2023
- Introduction to web development (Part I of a series) by **Reuben Devanesan**, **Ananthu J P**, **Kanishk Singhal**, **Progyan Das**, PhD students, and **Prof Shanmuganathan Raman**, Jibaben Patel Chair associate professor, Computer Science & Engineering, Aug 21-28, 2023
- Mathematics of machine learning (Part I of a series) by **Dwip Dalal, Progyan Das, Reuben Devanesan**, PhD students and **Prof Anirban Dasgupta**, N Rama Rao Chair professor, Computer Science & Engineering, IITGN, Aug 21-28, 2023
- Microstructure determination from X-Ray diffraction profiles by **Prof Gabor Ribarik**, faculty in Eötvös University, Department of materials physics, Budapest, Hungary, Aug 21- Sep 8, 2023
- Research methods & skills for engineers by **Prof Raj Chhabra**, distinguished professor, Shiv Nadar University, Institution of Eminence, Oct 04 - Nov 03, 2023
- Quadrotor modelling and control by **Prof Ravi N Banavar**, professor, Indian Institute of Technology Bombay, **Prof Vineet Vashista**, associate professor, Mechanical Engineering, and Pratik Prajapati, PhD student, IITGN, Oct 16-19, 2023
- Introduction to react JS (Part II of a series) by **Reuben Devanesan, Kanishk Singhal, Ananthu JP**, PhD students, IITGN, Oct 16-Nov 4, 2023
- Sensory taiwan by **Prof Kao Hao-Tsung**, Taiwanese faculty of Humanities and Social Sciences, Oct 30- Nov 4, 2023
- Introduction to socioeconomic data analysis by **Prof Paulo Scalco**, UFG, head of the Department of Economic Studies at the treasury, department of the local government of the State of Goiás in Brazil, Oct 31- Nov 11, 2023
- Fundamentals and applications of flexible electronics by **Dr Kalyani Patrikar**, early career fellow, Chemistry, IITGN, Oct 31- Nov 8, 2023
- Process data analytics by **Prof Sirish L Shah**, emeritus professor at the University of Alberta, Dec 11- 15, 2023
- Introduction to thermal quantum field theory by **Prof Urjit Yajnik**, visiting professor, Physics, IITGN, Jan 18-Mar 7, 2024
- Environmental governance through EIA (Environmental Impact Assessment) process by **Prof C N Pandey**, professor of practice, Earth Sciences, IITGN, Feb 03 - 12, 2024
- Cognitive ergonomics and neuroergonomics in human-robot interaction by **Dr Giacinto Barresi**, researcher at the rehab technologies lab of Istituto Italiano di Tecnologia (IIT), Italy, Feb 06-15, 2024
- Reinforcement learning by **Dr Subir Varma**, tech industry veteran, Feb 10-20, 2024
- Autonomous agents and the humanities: Exploring the intersection of technology and human society, **Dr António Filipe Fonseca**, assistant professor and complexity sciences researcher in ISCTE, Feb 12-15, 2024
- Foundations of effective communication by **Dr Monal K Desai** and **Ms Rashmi Shaju**, teaching associates, IITGN, Feb 14-24, 2024
- Sleep, dreams, and dream interpretation by **Prof Frederik Coolidge**, professor of psychology, University of Colorado, USA, Feb 16-18, 2024
- Evolutionary neuropsychology: An introduction to the human brain and how it developed by **Prof Frederik Coolidge**, professor of psychology, University of Colorado, USA, Feb 23-25, 2024
- Understanding human behavior by **Prof Vinod Goel**, professor of cognitive neuroscience at York University, Toronto, Canada, Feb 26- Mar 01, 2024
- Special topics in computer networks by **Prof Rajeev Shorey**, former CEO of the University of Queensland, Feb 26-Mar 01, 2024

STUDENT AFFAIRS

PLACEMENTS, INTERNSHIPS AND HIGHER STUDIES 2023

CAMPUS PLACEMENTS 2023

This year, Career Development Services approached nearly 2000 organizations, an increase of 358 compared to last year. This resulted in better statistics from all perspectives, including higher placement numbers than the past years. In total, 203 job offers were received, with 71.15 % of students having been presented with at least one offer. A significant rise was observed in the placement of PG students (MTech: 71 % to 78 % and MSc: 38 % to 51 %), as compared to the UG cohort. The latter saw 81 % placement of registered students compared to last year's value of 92 %.

Additionally, the financial packages have seen a significant rise compared to the previous placement cycle. This year, the average and median salary packages of UG have seen an increase of around 25 % while the overall average has seen a jump of 28 %. The industrial sectors providing opportunities to our students have remained largely unchanged from the previous year, with a significant focus on core areas. Approximately 68 % of job offers continue to originate from these core sectors. While this trend reflects the preferences of many students for core roles, informal discussions suggest that it also stems from a lack of awareness and preparedness among students regarding opportunities in non-core sectors. The following organizations offered campus placements to the outgoing batch in 2023:

Name of the Organizations:

- Aakash Byjus
- Accenture
- Accenture Japan
- Adani Group
- Adani PPO
- Adobe
- Amazon
- AMDOCS
- AmulFed Dairy
- ArcelorMittal Nippon Steel India Ltd
- AspectRatio
- Atlas Copco GECIA
- Axis Bank
- Axxela Research & Analytics Private Limited
- Banas Dairy
- Barclays
- Ceremorphic
- CoinDCX
- Competishun
- CRED
- DE Shaw
- Decimal Point Analytics
- Deepak Foundation
- Deodhar Classes
- Earthkids Humanity Foundation
- EXL Service
- EY
- FIITJEE
- Ford India Pvt Ltd
- GAIL
- Gameium LLP
- GCMMF Ltd (AMUL)
- General Aeronautics Pvt Ltd
- Graviton Research Capital LLP
- GreyOrange
- GSTN
- HCL Technologies
- HDFC
- ICICI Bank
- ICU Medical India LLP
- Impact Guru
- Infogen Labs Pvt Ltd
- Intech Creative Services Pvt Ltd
- Jay Chemicals
- JSW
- L&T
- Logic Fruit Technologies
- Lorraine Music Academy Pvt Ltd
- Mathworks
- Media.net
- Modi School
- Navi
- Nike
- NXP Semiconductors
- Oracle
- Perceptive Analytics Pvt Ltd
- Publicis Sapient
- Rakuten
- Rippling
- SACPL
- Salesforce
- Sedemac Mechatronics Pvt Ltd
- Siemens
- Singularity Dynamics Pvt Ltd
- Skan AI
- SmartSense Consulting Solutions Pvt Ltd
- Solvay
- Spectrum Techno Consultants Pvt Ltd
- Sprih
- SRF Limited
- Sri Chaitanya Educational Institutions
- Strand Life Science
- Swastik Classes
- Systra India
- TCS
- TCS Research & Innovation
- Texas Instrument
- The Hi Tech Robotic Systemz Ltd
- Thornton Tomasetti
- Timetooth Technologies Pvt Ltd
- Trading Technologies Ltd
- Tutorials Point
- Vinculum Solutions
- Zomato

SUMMER INTERNSHIPS 2023

In the summer of 2023, our students participated in academic and industrial internships hosted by 21 international organisations. Of the selected cohort, 31 students completed academic internships, while 6 completed industrial internships in various industries. On the domestic front, there has been an increase in the number of students availing internship opportunities. The number of 3rd year undergraduate students increased from 118 to 131, while 65 2nd year undergraduates participated. A total of 67 organizations have hosted 3rd year undergraduate students while 30 organisations have hosted 2nd year undergraduate students.

FOREIGN INSTITUTIONS/ORGANIZATIONS

NAME OF THE STUDENT	DEPARTMENT	HOST INSTITUTION / ORGANISATION
INTERNATIONAL (INTERNSHIP AT INSTITUTE)		
Muhammad Yusuf Hassan	Electrical Engineering	Caltech
Reuben Shibu Devanesan	Chemical Engineering	MITACS
More Yash Hiren	Electrical Engineering	University of Bergen
Somesh Pratap Singh	Mechanical Engineering	University of Washington, Seattle
A M Shreevadsaa	Chemical Engineering	Arizona State University
Amaan Ansari	Mechanical Engineering	UFG, Brazil
Kareena Beniwal	Mechanical Engineering	UFG, Brazil
Anandu Muralidharan	Materials Engineering	Michigan state university
Anuj Ujjval Buch	Chemical Engineering	Texas A&M University
Jaiswal Bhuvesh Omprakash	Civil Engineering	Texas A&M University
Yuvraj Gupta	Civil Engineering	Texas A&M University
Shah Neel	Electrical Engineering	Texas A&M University
Divya Chinchole	Materials Engineering	Texas A&M University
Shantanu	Chemical Engineering	Purdue University
Yash Adhiya	Chemical Engineering	Purdue University
Ashutosh Goyal	Mechanical Engineering	Purdue University
Patel Kush Kirankumar	Mechanical Engineering	Purdue University
Kadali Hamsini	Civil Engineering	University of Miami
Bahirat Archit Prashant	Materials Engineering	University of Miami
Chavan Sagar Bhikan	Mechanical Engineering	University of Miami
Dhruv Bhavesh Parekh	Electrical Engineering	University of Waterloo
Dhyeykumar Thummar	Computer Science & Engineering	Caltech
Shreya Shukla	Materials Engineering	Caltech
Dwip Divyesh Dalal	Mechanical Engineering	UBC
Jinay A Dagli	Electrical Engineering	EPFL
Patel Vrajesh	Electrical Engineering	EPFL
Madhav Vikram Kanda	Computer Science & Engineering	Aalto University, Finland
Varad V Sardeshpande	Chemical Engineering	University of Washington
Vyawahare Saurabh Nilesh	Materials Engineering	University of Washington
Patwardhan Saniya Abhay	Mechanical Engineering	University of Washington
Shaandili Vajpai	Mechanical Engineering	University of Washington
INTERNATIONAL (INTERNSHIP AT INDUSTRY)		
Hitesh Jain	Chemical Engineering	Granular.AI
Nilanshi Patel	Chemical Engineering	Researco and Researpa Private Limited
Parmar Tejas Dineshbhai	Computer Science & Engineering	Kakr labs
Piyush Dhirwani	Chemical Engineering	BNY Mellon
Preetam Chhimpa	Civil Engineering	Patible.ai
Ayush Singh Kushwah	Mechanical Engineering	Gulftime Media LLC

Another set of students did their internships in various leading organizations and institutions within India:

INDIAN ORGANIZATIONS/INSTITUTIONS

DOMESTIC INTERNSHIPS (SUMMER)

NAME OF THE STUDENT	DEPARTMENT	HOST INSTITUTION/ORGANISATION
Ramolia Harshit Mansukhbhai	Electrical Engineering	Zenskar
Abhale Mahesh Eknath	Mechanical Engineering	Sprih
Abhiraj R Mohan	Mechanical Engineering	TCS R&D
Aditi Agarwal	Chemical Engineering	Thoucentric
Arun Mani	Computer Science & Engineering	HDFC Bank
Haikoo Ashok Khandor	Computer Science & Engineering	HDFC Bank
Harshvardhan Vala	Computer Science & Engineering	HDFC Bank
Aditi Dey	Electrical Engineering	HDFC Bank
Vindhani Asma Aasif	Electrical Engineering	HDFC Bank
Utkarsh Mishra	Electrical Engineering	HDFC Bank
Aishwarya Omar	Mechanical Engineering	Tata Consultancy Services
Aman Chaudhary	Civil Engineering	Kentrix
Aman Samria	Civil Engineering	Soul School of ultimate leaders
Aravind Krishna	Mechanical Engineering	Citi Bank
Ary Pratap Singh	Civil Engineering	Silver Touch Technologies
Aryan Gupta	Electrical Engineering	Texas Instruments
Badal Chowdhary	Materials Engineering	Engineering Services International
Balu Karthik Ram	Computer Science & Engineering	Semusi Technologies Pvt Ltd
Bhavesh Jain	Computer Science & Engineering	DevRev
Bhavini Korthi	Computer Science & Engineering	Strand Life Sciences
Bhujbal Aditya Ramdas	Chemical Engineering	Puma
Bommisetty Siva Sai	Computer Science & Engineering	Strand life sciences
Chaudhari Ayush	Computer Science & Engineering	WedsIn
Chhavi Gautam	Mechanical Engineering	Karostartup
Chirag Sarda	Computer Science & Engineering	MathWorks India Private Limited
Daniel Giftson E	Electrical Engineering	Ceremorphic Technologies
Desai Sandeep Teja	Computer Science & Engineering	Oracle
Prakram Singh Rathore	Computer Science & Engineering	Oracle
Gali Sunny	Electrical Engineering	Oracle
Sparsh Dawra	Electrical Engineering	Oracle India
Kushagra Jain	Electrical Engineering	Oracle India Pvt Ltd
Dhairya Shah	Computer Science & Engineering	Bank of New York Mellon
Dheeraj Yadav	Computer Science & Engineering	Amazon
Hetvi Patel	Computer Science & Engineering	Amazon AWS
Lipika Rajpal	Computer Science & Engineering	Amazon, India
Meet Vankar	Computer Science & Engineering	Amazon
Ksheer Sagar Agrawal	Electrical Engineering	Amazon
Shruhrid Banthia	Electrical Engineering	Amazon
Gautham Biju	Mechanical Engineering	Accenture
Harshita Ramchandani	Chemical Engineering	Citi (CSIPL)
Sankarshan	Chemical Engineering	Citibank (CSIPL)
Sakshi Jain	Chemical Engineering	CitiBank
Naval Jaggi	Civil Engineering	Citi Corp
Kamal Kishore Vaishnav	Mechanical Engineering	Citi
Suhani Mittal	Mechanical Engineering	Citi Corp

Hrishikesh C P	Mechanical Engineering	Morphedo Technologies
Inderjeet Singh Bhullar	Computer Science & Engineering	Atlassian
Joy Rajeshkumar Makwana	Computer Science & Engineering	Strand Life Sciences
Kalash Kankaria	Computer Science & Engineering	Skan.ai
R Yeeshu Dhurandhar	Electrical Engineering	Skan.ai
Kanishk Singhal	Computer Science & Engineering	MathWorks
Karan Bhardwaj	Electrical Engineering	Trading Technologies
Kevin	Chemical Engineering	PUMA Group
Madhav Biswam	Chemical Engineering	UST Global
Mandavekar Shriyash Sudhakar	Chemical Engineering	TCS Research and Innovation
Manish Kumar Jangir	Chemical Engineering	Shriram General insurance
Mann Kumar Jain	Electrical Engineering	Atlassian
Mayukh Reddy	Mechanical Engineering	Hindprakash organic
Medhansh Singh	Computer Science & Engineering	Strand Life Sciences Pvt Ltd
Narla Karthikeya	Computer Science & Engineering	Aureus Tech Systems
Nayak Sahil Prakashkumar	Chemical Engineering	KaroStartup
Nesar Chidambar Joshi	Materials Engineering	Kion India Pvt Ltd
Rishab Jain	Chemical Engineering	Axis Bank
Yash Khandelwal	Chemical Engineering	Axis Bank
Nidhi Bhushan Upasani	Civil Engineering	Axis Bank
Nitesh Maurya	Electrical Engineering	Texas Instruments
Ruchit Chudasama	Electrical Engineering	Texas Instruments
Patel Dhruv Kiritbhai	Computer Science & Engineering	Axxela Research and Analytics
Pavidhar Jain	Mechanical Engineering	Fairfax Asia
Saatvik Rao	Computer Science & Engineering	Atlassian
Rahul Vinod Chembakasseril	Computer Science & Engineering	Atlassian
Prakriti	Electrical Engineering	Atlassian
Sanskar Sharma	Electrical Engineering	Atlassian
Pranav Rathod	Computer Science & Engineering	MAQ Software
Priya Gupta	Mechanical Engineering	Morphedo Technologies
Pushpendra Pratap Singh	Electrical Engineering	Trading Technologies
Rahul Kumar	Chemical Engineering	GUVNL
Rahul Lalani	Electrical Engineering	Scale AI
Rahul R Pai	Mechanical Engineering	Ford Motors India Ltd
Rahul Rai	Computer Science & Engineering	Truminds Software Systems
Rahul Yadav	Electrical Engineering	ONGC
Rajesh Kumar	Chemical Engineering	Engineering Services International, Robotics Company
Riya Bansal	Mechanical Engineering	JSW
Riya Dhantoliya	Electrical Engineering	Centre for Artificial Intelligence, DRDO
Rohan Naika	Mechanical Engineering	Morphedo Technology
Ronak Kalra	Chemical Engineering	Jubilant Ingrevia Limited
Nokzendi S. Aier	Computer Science & Engineering	DE Shaw & Co.
Sahil Prashant Agrawal	Computer Science & Engineering	DE Shaw & Co.
Sukruta Prakash Midigeshi	Computer Science & Engineering	DE Shaw & Co.
S Sri Manish Goud	Computer Science & Engineering	Publicis Sapient
Sachin Bhardwaj	Mechanical Engineering	Kalorex Organization
Saksham	Civil Engineering	Corporate Sector
Samiksha Kamble	Computer Science & Engineering	Korn Ferry
Shejina M	Materials Engineering	ATSC
Shikhar Agrawal	Chemical Engineering	Axxela Research and Analytics

Shrija Rajeshkumar Agrawal	Mechanical Engineering	Orangewood labs
Tanvi Yadav	Civil Engineering	OneAssist Consumer Solutions Private Limited
Simran	Computer Science & Engineering	OneAssist Consumer Solutions Private Limited
Sukanya Siddheshwar More	Electrical Engineering	Ceremophic Pvt Ltd
Sumanto Dutta	Materials Engineering	AMNS India
Talla Gnana Sai	Mechanical Engineering	Zemoso Technologies
Tanvi Dixit	Chemical Engineering	Truminds Software systems
Varun Chandwani	Chemical Engineering	Thermax Limited
Venkata Sriman Narayana Malli	Computer Science & Engineering	Publicis Sapient
Vikash Vishnoi	Chemical Engineering	Hindprakash chemicals Pvt Ltd
Virender Singh	Civil Engineering	Fresh Bus
Vishal Ghoniya	Computer Science & Engineering	Strand Life Sciences
Voorugonda Rajesh	Computer Science & Engineering	OPLUS (formerly OnePlus) India R&D Centre
Wagh Tanmay Maruti	Mechanical Engineering	Morphedo
Yash Sandeep Kokane	Materials Engineering	TCS Research
Yashashri	Chemical Engineering	Altus Pvt Ltd
DOMESTIC (INTERNSHIP AT INSTITUTE)		
Deep Samir Thakkar	Chemical Engineering	Indian Institute of Sciences
Abhinav Kumar	Chemical Engineering	IIT Gandhinagar
Chaudhari Tanvi Vijaybhai	Computer Science & Engineering	IIT Gandhinagar
Utkarsh Mittal	Computer Science & Engineering	IIT Gandhinagar
Kankshi Komre	Electrical Engineering	IIT Gandhinagar
Shanmukhi Ganesh Sai	Electrical Engineering	IIT Gandhinagar
Shivkumar	Electrical Engineering	IIT Gandhinagar
Sonu Meena	Electrical Engineering	IIT Gandhinagar
Patadia Keval Santoshkumar	Materials Engineering	IIT Gandhinagar
Rekner Chaitanya Rao	Materials Engineering	IIT Gandhinagar
Shreyash Agrawal	Materials Engineering	IIT Gandhinagar
Aman Raj	Chemical Engineering	Project Admin., Dahod
Anavart Rahulbhai Pandya	Mechanical Engineering	Adani Defence and Aerospace
Ashutosh Choudhary	Mechanical Engineering	Invention Factory 2023
Eesha Shirish Kulkarni	Chemical Engineering	IIT Madras
Thejus R Vinod	Chemical Engineering	IIT Kanpur
Ravi Prakash Dhorajia	Mechanical Engineering	IIT Kanpur
Rishabh Patidar	Computer Science & Engineering	Silver Touch Solutions
Tanvi Sanandiya	Electrical Engineering	IIT Guwahati

DOMESTIC INTERNSHIPS (WINTER)

NAME OF THE STUDENT	DEPARTMENT	HOST INSTITUTION/ORGANISATION
Deven Patil	Electrical Engineering	IIT Gandhinagar
Himanshu Katolkar	Electrical Engineering	IIT Gandhinagar
Abhishek Meena	Electrical Engineering	IIT Gandhinagar
Aryan Gupta	Electrical engineering	IIT Gandhinagar
Abdul Qadir Ronak	Electrical engineering	IIT Gandhinagar
Yash Patil	Electrical engineering	IIT Gandhinagar
Dablu Kumar	Chemical Engineering	East Commerce Marketplace
Progyan Das	Computer Science and Engineering	Tensorlab, California Institute of Technology
Tanmay Wagh	Mechanical Engineering	Morphedo Technology
Aaryan Darad	Computer Science and Engineering	IIM Ahmedabad
Rudransh Surve	Electrical Engineering	Alstom India

Shantanu Shembekar	Chemical Engineering	Deodhar Classes
Shubh Agarwal	Computer Science and Engineering	The Gamification Company
Shah Faisal Khan	Computer Science and Engineering	Sahayak.co
Bhavesh Jain	Computer Science and Engineering	DevRev

CLASS OF 2023 GRADUATES PURSUING HIGHER STUDIES ABROAD

Out of the 383 students set to graduate in July 2023, 55 have chosen to pursue further studies. Among them, 35 are anticipated to pursue education abroad, while 20 plan to enroll in domestic institutions. This marks a 10% decrease compared to the previous year's figures, with postgraduate students showing a notable 26% increase. Further details regarding the students are provided below:

NAME	DEPARTMENT AT IITGN	PROGRAMME	INSTITUTE	COUNTRY
BTECH				
Dudhatra Harsh Pravinkumar	Civil Engineering	PhD	University of Miami	USA
Nipun Mahajan	Computer Science and Engineering	MS	Georgia Institute of Technology	USA
Tarun Sharma	Electrical Engineering	MS	New York University	USA
Tejendra Patel	Mechanical Engineering	MS	University of Pennsylvania	USA
Sanskar Anil Nalkande	Mechanical Engineering	MS	University of California, Los Angeles	USA
Aryan Shah	Mechanical Engineering	MS	University of Michigan	USA
Hitarth Gandhi	Computer Science and Engineering	MS	University of California Irvine	USA
Sanjay Venkitesh	Electrical Engineering	MS	Georgia Institute of Technology	USA
Ninad Parthiv Shah	Electrical Engineering	MS	Arizona State University	USA
Desai Aadesh Ketan	Electrical Engineering	MS	Carnegie Mellon University	USA
Saagar Parikh	Electrical Engineering	MS	Carnegie Mellon University	USA
Eshika Pathak	Electrical Engineering	MS	Carnegie Mellon University	USA
Aniket Rajnish	Mechanical Engineering	MS	University of Central Florida	USA
Pahuni Jain	Chemical Engineering	PhD	University of Minnesota, Twin Cities	USA
Juhi Alpeshkumar Parikh	Materials Engineering	PhD	University of Minnesota, Twin Cities	USA
Ashwani Sunil Rai	Civil Engineering	PhD	University of Illinois - Urbana Champaign	USA
Arushi Arnav	Civil Engineering	PhD	University of Illinois - Urbana Champaign	USA
Siddhi Pravin Surawar	Materials Engineering	MS	University of Illinois Urbana-Champaign	USA
V P Shivasankaran	Computer Science and Engineering	MS	Stony Brook University	USA
Bikkumalla Rishitha	Civil Engineering	PhD	Purdue University	USA
Bayad Isha Jairaj	Chemical Engineering	PhD	Purdue University	USA
Desai Rushik Jatin	Materials Engineering	PhD	Purdue University	USA
BTECH-MTECH DUAL DEGREE				
Souritra Garai	Mechanical Engineering	PhD	Georgia Institute of Technology	USA
MSc				
Smriti Saini	Cognitive and Brain Sciences	PhD	Massachusetts Institute of Technology	USA
Ramya Warrier	Cognitive and Brain Sciences	MSc	University of Oxford	United Kingdom
Arijit Paul	Mathematics	PhD	Kansas State University	USA
Swarnadeep Bagchi	Mathematics	PhD	University of Victoria	Canada
Naveen Kumar	Chemistry	PhD	Leipzig University	Germany
Saatwik Suman	Chemistry	PhD	Boston University	USA

Manik	Physics	PhD	Johns Hopkins University	USA
Debanshu Ghosh	Mathematics	PhD	University of Rochester	USA
MASC				
Jidugu Kavya Harshitha	Humanities and Social Sciences	PhD	Queen's University	Canada
MTECH				
Vishwas Reddy Akavaram	Chemical Engineering	PhD	Virginia Polytechnic and State University	USA
Danish Mansoor	Civil Engineering	PhD	Northeastern University, Boston	USA
Mekdes Wubet Bezabh	Biological Sciences and Engineering	PhD	University of North Carolina, Charlotte	USA

CLASS OF 2023 GRADUATES PURSUING HIGHER STUDIES IN INDIA

NAME	DEPARTMENT AT IITGN	PROGRAMME	INSTITUTE	COUNTRY
BTECH				
C Faheem Shanavas	Chemical Engineering	PGP	IIM Lucknow	India
Hemant Poonia	Civil Engineering	MTech	IIT Gandhinagar	India
Sai Shubham	Electrical Engineering	PhD	IIT Gandhinagar	India
MSc				
Koustubh Guha	Physics	PhD	IISER Bhopal	India
Kaushik Kangsabanik	Physics	PhD	IISER Calcutta	India
Paras Nigam	Mathematics	PGDBA	IIM Calcutta	India
Argha Sardar	Mathematics	MTech	Indian Statistical Institute Kolkata	India
Nilachal Chakrabarti	Physics	PhD	IIT Gandhinagar	India
Chetansinh Kesarisinh Chauhan	Chemistry	PhD	IIT Gandhinagar	India
Soham Acharya	Physics	PhD	IIT Gandhinagar	India
Vinay Milind Deshpande	Mathematics	PhD	IIT Gandhinagar	India
MASC				
Aanchal Sharma	Humanities and Social Sciences	PhD	IIT Gandhinagar	India
MTECH				
Subhrajit Chand	Mechanical Engineering	PhD	IIT Delhi	India
Rakesh Choubey	Materials Engineering	PhD	IIT Gandhinagar	India
K Nandana Dilip	Civil Engineering	PhD	IIT Gandhinagar	India
Shashwat Srivastava	Chemical Engineering	PhD	IIT Bombay	India
Madhusmita Ray	Mechanical Engineering	PhD	IISc Bangalore	India
Gourab Chakraborty	Mechanical Engineering	PhD	IIT Gandhinagar	India
Aditi Satish	Biological Sciences and Engineering	PhD	IIT Gandhinagar	India
Omkar	Earth Sciences	PhD	IIT Gandhinagar	India

SCHOLARSHIPS

SCHOLARSHIPS & FINANCIAL SUPPORT TO STUDENTS

IITGN believes that financial constraints should not become obstacles in the academic pursuit of any student. The Institute's extremely liberal financial aid and scholarship programs ensure that no student feels disadvantaged due to his/her financial situation. The Institute has thus constituted numerous scholarships and financial assistance mechanisms such as Donor Scholarships, Excellence Scholarships, TML-FAP (Tala Motors Ltd. Financial aid programme), tuition fee waivers, etc. In addition to the above, the institute also provides financial support in the form of financial grants, and interest-free short/long-term loans to deserving students for their needs towards expenditures such as tuition fees, hostel and mess fees, books, computer, pocket expenses, medical emergencies (beyond what is covered by insurance), social and cultural activities, internships and educational tours, etc.

The interest-free loans and grants are provided from the Student Benevolent fund. The repayment dates for the long-term loans may extend up to a maximum of 36 months from the recipient student's date of graduation. Unlike short-term and long-term loans, support received as financial grants is not deemed to be repaid by the beneficiary students.

OVERALL SCHOLARSHIPS AND FINANCIAL SUPPORT TO STUDENTS

Sl No.	Type of Scholarship and Financial Assistance	2023-24	
		Number of Beneficiaries	Amount of Scholarship (Rs)
1	Free basic messing and pocket allowance of Rs. 250 per month for ten months	117	48,08,700
2	Donor scholarships	94	1,02,55,000
3	Excellence scholarships	28	4,70,000
4	TML-FAP assistance	17	10,59,954
5	Tuition fee Waiver (UG) including summer term	228	3,84,40,706
6	Tuition fee waiver (PG)	97	19,20,000
7	Interest-free loan and grants (Financial assistance provided for IITGN from the student benevolent fund)	68	32,31,572
8	Funding to students for availing International/Domestic summer internship	19	10,29,000
9	Interest-free loan to students for availing International/domestic summer internship	15	6,00,000
10	Financial aid to IITGN students from Farmson-IITGN scholarship program	121	40,00,000
Total amount of scholarship and financial assistance		**804**	**6,58,14,932**

FINANCIAL AID TO STUDENTS

FINANCIAL AID FOR UNDERGRADUATE STUDENTS

As per Ministry norms, students with parental income less than Rs 1 lakh get a full tuition fee waiver while students with parental income between Rs 1 lakh and Rs 5 lakh get a waiver of 2/3rd of the fee. IITGN provides an additional 1/3rd tuition fee reimbursement to students with parental income ranging between Rs 1 lakh to Rs 2.5 lakh. Therefore, they effectively receive a full tuition fee exemption for their education at IITGN. This assistance is provided from the Student Benevolent & Welfare Fund or the Excellence Funds in the Endowment. A total of 61 BTech students received this additional 1/3rd tuition fee waiver during the academic year 2023-24.

FINANCIAL AID FOR MASTERS STUDENTS

Students with parental income up to Rs 2.5 lakh are provided with a full tuition fee reimbursement for their education at IITGN. This assistance is provided from the Student Benevolent & Welfare Fund or the Excellence Funds in the Endowment.

A total of 97 Masters (MTech, MSc and MA) students received full tuition fee waivers during the academic year 2023-24.

FREE BASIC MESSING AND POCKET ALLOWANCE ASSISTANCE

All students of the SC/ST category avail of a full tuition fee waiver. In addition, the Institute provides free basic messing and a nominal pocket allowance of Rs 250 per month for 10 months to SC/ST students whose annual parental income is up to Rs 4.5 Lakh. This assistance is provided to BTech, MSc, and MA SC/ST students.

A total of 85 undergraduate and 32 postgraduate SC/ST category students whose annual parental income was within the limit prescribed for this assistance were granted the facility for free basic messing and a pocket allowance of Rs 250 per month for ten months during the academic year 2023-24.

SCHOLARSHIPS FOR EXCELLENCE IN ACADEMICS

Jaiswal Bhuvesh Omprakash, Anuj Ujjval Buch, Progyan Das, Dhruv Bhavesh Parekh, Shaandili Vajpai and **Shreya Shukla** are the recipients of Scholarship for Excellence in Academics from BTech 2020 batch.

Kata Lokesh Pavan, Twinkle Premji Devda, Ishika Raj, Rudra Ravindra Vengurlekar, Mithil Pechimuthu and **Ashutosh Krishna Amaram** are the recipients of Scholarship for Excellence in Academics from BTech 2021 batch.

Gaurav Budhwani, Keshav Bansal, Guntas Singh Saran, Venkata Sathya Pavani Tirunagari, Akshat Pratap Singh and **Harsh Deepak Kumar Jain** are the recipients of Scholarship for Excellence in Academics from BTech 2022 batch.

SCHOLARSHIP FOR EXCELLENCE IN SPORTS & GAMES

Adit Atul Rambhia, Aman Samria, Yerukala Sreeram Raghu, Bukke Ashwini Shankar, Anjana S A and **Kushal Bhavesh Rathod** were awarded the scholarship for excellence in Sports & Games for the academic year 2023-24.

SCHOLARSHIP FOR EXCELLENCE IN ARTS & CULTURE

Varad V Sardeshpande and **Ahire Yash Dilip** were awarded the scholarship for excellence in Arts & Culture for the academic year 2023-24.

EXCELLENCE IN SOCIAL WORK & LEADERSHIP

Reuben Shibu Devanesan and **Vishal Ghoniya** were awarded the scholarship for excellence in Social Work & Leadership for the academic year 2023-24.

SCHOLARSHIPS FOR STUDENTS

PROF M H DIVEKAR SCHOLARSHIP

The Prof M H Divekar Scholarship was instituted in the year 2014 and is open for third-year BTech students of Chemical Engineering. The scholarship amount is Rs 40,000 and is awarded every year to the student securing the highest grade in the Chemical Engineering course at the end of the third year. **Anuj Ujjval Buch,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

SATYARAM SCHOLARSHIP

The Satyaram Scholarships were instituted in the year 2016. Students with a minimum CPI of 6.5 and whose family annual income is not more than Rs 3 lakh are eligible for this scholarship. The scholarship amount is Rs 1 lakh per year per student and a total of 2 students were awarded in the year 2023-24. The recipient student continues to get the scholarship support till the completion of his/her BTech Program at IITGN, subject to meeting the eligibility criteria. The awardee is expected to financially help at least one needy IITGN student in the future. **Aakash Kushwah** and **Bothkurwar Sai Krishna,** BTech, Civil Engineering are the recipients of the scholarship for the academic year 2023-24.

ERACH AND MEHROO MEHTA MERIT SCHOLARSHIP

Erach and Mehroo Mehta Merit Scholarship was instituted in the year 2019 and is open to the BTech students admitted at IITGN in AY 2019-20, AY 2020-21, and AY 2021-22. The scholarship amount is Rs 2 lakh per student annually for a period of four years with a total scholarship amount of Rs 8 Lakh per student. The scholarship is awarded to the top five students admitted to the BTech program at IITGN and holding a JEE Advanced rank of 1000 or better or having represented India in any recognized international Olympiad. The scholarship is renewed every year subject to satisfactory academic progress {SPI of 8.5 or minimum CPI of 8.00 (with at least normal academic load and no fail grades)} and is not under any disciplinary sanction. **Dhairya Shah**, **Saatvik Rao, Bhavesh Jain, Venkata Sriman Narayana Malli, Kanishk Singhal, Gaurav Joshi, Naman Dharmani, Aaryan Darad, Adit Kaushik** and **Sachin Jalan** are the recipients of the scholarship for the academic year 2023-24.

VEGSHAKTI MAHILA KALYAN SANGATHAN (VMKS) SCHOLARSHIP

The VMKS scholarship was instituted in the year 2020 and is open to first year female students. The

scholarship amount is Rs 1 Lakh per student per year (Rs 75,000 supported by VMKS & Rs 25,000 by IITGN) and is awarded to two first-year BTech female students of IITGN in order to support their educational expenses. The scholarship recipients shall continue to receive the benefit of this scholarship during their UG program every year, up to four years, provided they fulfill the academic criteria for annual renewal of the scholarship. **Priya Gupta,** BTech, Mechanical Engineering and **Veena K,** BTech, Civil Engineering are the recipients of the scholarship for the academic year 2023-24.

MAHABIR PRASAD SULTANIA SCHOLARSHIP AND DURGA DEVI SULTANIA SCHOLARSHIP

These Scholarships were instituted in the year 2016 and are open to all BTech students. The scholarship amount is Rs 1 lakh and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Pranjal Gaur,** BTech, Computer Science & Engineering is the recipient of the Mahabir Prasad Sultania Scholarship and **Ishan Agarwal,** BTech, Chemical Engineering is the recipient of the Durga Devi Sultania Scholarship for the academic year 2023-24.

BIPIN AND REKHA SHAH SCHOLARSHIP

Bipin and Rekha Shah Scholarships were instituted in the year 2018 and are open to all BTech students of Electrical Engineering. The scholarship amount is Rs 1 lakh and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Darsh Dalal** and **Sharika S**, BTech, Electrical Engineering are the recipients of this scholarship for the academic year 2023-24.

BHAI SURESH MOHAN MITTAL SCHOLARSHIP AND BHAI KRISHNA CHANDRA MITTAL SCHOLARSHIP

These scholarships were instituted in the year 2018 and 2019 and are open to all BTech students at IITGN. The scholarship amount is Rs 1 lakh and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc.

Sheetika Kothari, BTech, Chemical Engineering is the recipient of Bhai Suresh Mohan Mittal scholarship for the academic year 2023-24 and **Vyawahare Saurabh Nilesh,** BTech, Materials Engineering is the recipient of Bhai Krishna Chandra Mittal scholarship for the academic year 2023-24.

SANTOSH RANI TANDON SCHOLARSHIP

Santosh Rani Tandon Scholarship was instituted in the year 2018 and is open to all BTech students of Civil Engineering. The scholarship amount is Rs 1 lakh per student per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. Preference is given to female students interested in Structural Engineering. **Chahat Beniwal,** BTech, Civil Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF S P SUKHATME SCHOLARSHIP

Prof S P Sukhatme Scholarship was instituted in the year 2019 and is open to all the BTech Students at IITGN. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Balgopal Moharana,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

VIMALA SRINIVAS SCHOLARSHIP

Vimala Srinivas Scholarship was instituted in the year 2019 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. BTech students with a minimum CPI of 6.5 are eligible. **Gaurav Joshi** is the recipient of the scholarship for the academic year 2023-24.

ASHOK JAIN SCHOLARSHIP

Ashok Jain scholarship was instituted in the year 2019 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. BTech students with a minimum CPI of 6.5 are eligible. **Aryan Anand Gosavi,** BTech, Mechanical Engineering is the recipient of this scholarship for the academic year 2023-24.

PROFESSOR NITISH THAKOR SCHOLARSHIP

Professor Nitish Thakor Scholarship was instituted in the year 2019 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Chinthalapudi Sri Jahnavi,** BTech, Computer Science & Engineering is the recipient of this scholarship for the academic year 2023-24.

CHANDRAKANT & PATRICIA DESAI SCHOLARSHIP

Chandrakant and Patricia Desai Scholarship was instituted in the year 2017 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Kulkarni Shrinivas Jagdish**, BTech, Civil Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF KV VENKATESHA MURTHY SCHOLARSHIP

Prof K V Venkatesha Murthy Scholarship was instituted in the year 2017 and is open to all BTech students of Electrical Engineering. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Karan Bhardwaj,** BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

DR J L NAYYAR SCHOLARSHIP

Dr J L Nayyar Scholarship was instituted in the year 2017 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Srujan Kumar Shetty**, BTech, Computer Science and Engineering is the recipient of the scholarship for the academic year 2023-24.

LALITA J SHAH & JAYANTILAL B SHAH SCHOLARSHIP

The Lalita J Shah & Jayantilal B Shah Scholarship was instituted in the year 2016 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Tilak Maheshwari,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

P K KELKAR SCHOLARSHIP

The P K Kelkar Scholarship was instituted in the year 2016 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Gangannagudem Siri,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

S C MEHROTRA SCHOLARSHIP

The S C Mehrotra Scholarship was instituted in the year 2010 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Uma Shankar Sachan,** BTech Civil Engineering is the recipient of the scholarship for the academic year 2023-24.

MRS SITA JHA MEMORIAL SCHOLARSHIP

Mrs Sita Jha Memorial Scholarship was instituted in the year 2018 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. Female students are usually given priority. **Anisha Gattani,** BTech Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

NEHA & VINAY GUPTA SCHOLARSHIP

Neha & Vinay Gupta Scholarship was instituted in the year 2019 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Adit Atul Rambhia,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

DAYA SHANKER & SHAKUNTALA SCHOLARSHIP

Daya Shanker & Shakuntala Scholarship was instituted in the year 2020 and is open to all BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Shashank Ghosh,** BTech, Mechanical Engineering is the recipient of the scholarship for the academic year 2023-24.

KANKUBEN BAKSHIRAMBHAI GELOT SCHOLARSHIP

Kankuben Bakshirambhai Gelot Scholarship was instituted in the year 2020 and is open to all Female BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year in order to support financial needs, funding internships (international or domestic), special projects and opportunities, etc. **Saumya Jaiswal,** BTech Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

SEEMA JAIN SCHOLARSHIP

Seema Jain Scholarship was instituted in the year 2019 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Harshit,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

N K JAIN SCHOLARSHIP

N K Jain Scholarship was instituted in the year 2019 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Siddhi Rajpurohit,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

SHRI ARJUN RAJ MEHTA SCHOLARSHIP

Shri Arjun Raj Mehta Scholarship was instituted in the year 2019 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Smit Mehta,** BTech, Mechanical Engineering is the recipient of the scholarship for the academic year 2023-24.

AJODYABAI GULABCHANDJI RANDAD SCHOLARSHIP

Ajodyabai Gulabchandji Randad Scholarship was instituted in the year 2019 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Anugu Arun Reddy,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

SHRI SHANTI SAROOP AGARWAL SCHOLARSHIP

Shri Shanti Saroop Agarwal Scholarship was instituted in the year 2020 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Yuvraj Soni**, BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

SMT SUMITRABAI MANOHAR KANADE SCHOLARSHIP

Smt Sumitrabai Manohar Kanade Scholarship was instituted in the year 2021 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Ishika Raj**, BTech, Civil Engineering is the recipient of the scholarship for the academic year 2023-24.

KUTCH SCHOLARSHIP

Kutch Scholarship was instituted in the year 2021 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Kishan Manish Ved,** BTech, Computer Science and Engineering is the recipient of the scholarship for the academic year 2023-24.

CHETAN DHANDE SCHOLARSHIP

Chetan Dhande Scholarship was instituted in the year 2020 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Shrey Jwalant Joshi,** BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

GAURI SUGAN AGARWAL SCHOLARSHIP

Gauri Sugan Agarwal Scholarship was instituted in the year 2021 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Diya Mahesh,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

RAMANUJAN SCHOLARSHIP

Ramanujan Scholarship was instituted in the year 2021 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Shreyas Dharmatti,** BTech, Mechanical Engineering is the recipient of the scholarship for the academic year 2023-24.

DR T G VISWESWARAIAH SCHOLARSHIP

Dr T G Visweswaraiah Scholarship was instituted in the year 2021 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Yash Sandeep Kokane,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

LAKSHMI VADALI EXCELLENCE SCHOLARSHIP

Lakshmi Vadali Excellence Scholarship was instituted in the year 2021 and the main objective is to award excellence scholarship to the top-ranking female student admitted to BTech program and in need of financial support to pursue the program. The scholarship amount is Rs 1 Lakh per year and the recipient female student continues to get the scholarship support till completion of her BTech program subject to obtaining a minimum CPI of 7.0. **Raiyani Vedanshi Sanjay,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

CLASS OF 2013 SCHOLARSHIP

Class of 2013 Scholarship was instituted in the year 2019 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Bahirat Archit Prashant,** BTech, Materials Engineering and **Balu Karthik Ram,** BTech, Computer Science & Engineering are the recipients of the scholarship for the academic year 2023-24.

CLASS OF 2014 SCHOLARSHIP

Class of 2014 Scholarship was instituted in the year 2020 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Siddhesh Kanawade,** BTech, Electrical Engineering and **Patel Kush Kirankumar,** BTech, Mechanical Engineering are the recipients of the scholarship for the academic year 2023-24.

CLASS OF 2015 SCHOLARSHIP

Class of 2015 Scholarship was instituted in the year 2017 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Sukanya Siddheshwar More,** BTech, Electrical Engineering and **Ashutosh Goyal,** BTech, Mechanical Engineering are the recipients of the scholarship for the academic year 2023-24.

CLASS OF 2016 SCHOLARSHIP

Class of 2016 Scholarship was instituted in the year 2016 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Varad V Sardeshpande,** BTech, Mechanical Engineering and **Anay Singh Sisodiya,** BTech, Materials Engineering are the recipients of the scholarship for the academic year 2023-24.

CLASS OF 2017 SCHOLARSHIP

Class of 2017 Scholarship was instituted in the year 2020 and is open to all the BTech students. The scholarship amount is Rs 1 lakh per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Rajesh Kumar,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

SHRI SATYANARAYAN KAKRANIA SCHOLARSHIP

Shri Satyanarayan Kakrania Scholarship has been instituted in the year 2021 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded every year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Momin Mohammadzaqi Shabbirali, BTech, Electrical Engineering** is the recipient of the scholarship for the academic year 2023-24.

KANDOI-DAIRKEE-GAURAV SCHOLARSHIP

The Kandoi-Dairkee-Gaurav Scholarship was instituted by three alumni of the pioneer batch (BTech graduates of 2012) at IIT Gandhinagar. This Merit-cum-Means Scholarship is awarded to a second or third year BTech student who is actively involved in non-academic activities of the Institute and showing trajectory towards all rounded growth. The gross annual parental income of the student from all sources should not exceed Rs 8 lakh per annum. Students should secure a minimum CPI of 6.0. The scholarship amount is Rs 50,000 per academic year. **Rahul Pandey,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

AMALTHEA SCHOLARSHIP

The Amalthea Scholarships were instituted in the year 2016 and are open to all BTech students. The scholarship amount is up to Rs 1 lakh per student per year to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Shreyash Agrawal, Shreya Shukla, Nilanshi Patel, Shailya Patel, Aman Raj, Anurag J Vishal and Aditi Garg** are the recipients of the scholarship for the academic year 2023-24.

NISHA AND VIPIN JAIN SCHOLARSHIP

Nisha and Vipin Jain Scholarship has been instituted in the year 2021 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Kushal Bhavesh Rathod,** BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

ACHARYA EKKIRALA BHARADWAJA SCHOLARSHIP

Acharya Ekkirala Bharadwaja Scholarship has been instituted in the year 2021 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Aditya Mehta,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF B L JHA MEMORIAL SCHOLARSHIP

Prof B L Jha Memorial Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Patwardhan Saniya Abhay,** BTech, Mechanical Engineering is the recipient of the scholarship for the academic year 2023-24.

SEVA SCHOLARSHIP

Seva Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Pavan Deekshith Doddi,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

SMT MAGAN JAIN SCHOLARSHIP

Smt Magan Jain Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Sakshi Jain,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

ASHA & CHANDRAKANT NAVARKAR SCHOLARSHIP

Asha & Chandrakant Navarkar Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Nilansh Sharma,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

DEVIKA & PRASHANT NADKARNI SCHOLARSHIP

Devika & Prashant Nadkarni Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Aaditya Mithilesh Roy,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

THE NEILOM FOUNDATION SCHOLARSHIP

The Neilom Foundation Scholarship has been instituted in the year 2022 and is open to all BTech students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Hrriday Viraj Ruparel,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

SMT SEETHA AND SHRI KAMESWARA RAO KONTETI EXCELLENCE SCHOLARSHIP

Smt Seetha and Shri Kameswara Rao Konteti Excellence Scholarship has been instituted in the year 2022. The scholarship amount is Rs 1 Lakh per year and the recipient female student continues to get the scholarship support till completion of her BTech program. The annual parental income of the female student from all sources should not exceed Rs 9 lakh per annum and continuation of the scholarship in the subsequent years is subject to obtaining a minimum CPI of 7.0. **Lavanya,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

ERACH AND MEHEROO MEHTA DAKSHANA MEMORIAL DAKSHANA SCHOLARSHIP

The Erach and Mehroo Mehta Memorial Dakshana Scholarship was instituted in the year 2022 and is meant to support five students. The award of the scholarship will be based on the JEE advanced rank of the student within his/her category of admission (open, general-EWS, OBC- NCL, SC, ST), and IITGN will make efforts to have a uniform distribution of awardees across the different admission categories. If enough candidates from within the cohort of Dakshana scholars are not available, the unutilized funds shall be used to support any first-year undergraduate students with clearly-demonstrated financial need. **Pannala Naga Sheshu Reddy,** BTech, Electrical Engineering and **Nandkishor Kumar Pandit,** BTech, Mechanical Engineering are the recipients of the scholarship for the academic year 2023-24.

NITEEN P SANT SCHOLARSHIP

The Niteen P Sant Scholarship was instituted in the year 2014. BTech students of Civil Engineering or Materials Engineering who are in their second year, with a minimum CPI of 6.5 and a maximum parental income of Rs 4.5 lakh are eligible to apply for this Merit-cum-Means scholarship. The scholarship amount is Rs 20,000 per academic year. **Aman Chaudhary,** BTech, Civil Engineering is the recipient of the scholarship for the academic year 2023-24.

SRI TEMASEK@IIT GANDHINAGAR SCHOLARSHIP

Sri Temasek@IIT Gandhinagar Scholarship was instituted in the year 2016. This Merit-cum-Means Scholarship is awarded to one undergraduate student every year (open for second, third and fourth year students). Students with a minimum CPI of 6.5 and whose family annual income is not more than Rs 8 lakh are eligible to avail this scholarship. The scholarship amount is Rs 20,000 per academic year. **Shrey Agarwal,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

SUSHILA PRABHA AND SATISH SINGLA SCHOLARSHIP

Sushila Prabha and Satish Singla Scholarship has been instituted in the year 2023 and is open to all the BTech students. The main objective is to award one scholarship every year to a BTech student to support financial need, internships (international or domestic), or special projects and opportunities, etc. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Bhosale Shivrajsinh Sandip,** BTech, Chemical Engineering is the recipient of this scholarship for the academic year 2023-24.

SHRI ANANDILAL BUBNA SCHOLARSHIP

Shri Anandilal Bubna Scholarship has been instituted in the year 2023 and is open for all the BTech students. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Atal Gupta,** BTech Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

SHREE JANARDAN TALDEVKAR SCHOLARSHIP

Shree Janardan Taldevkar Scholarship has been instituted in the year 2023 and is open for all the BTech students at IIT Gandhinagar. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Bommisetty Siva Sai,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF G V RAO SCHOLARSHIP

Prof G V Rao Scholarship has been instituted in the year 2023 and is open to all the BTech students. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Madineni Divya,** BTech, Computer Science & Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF K V V MURTHY SCHOLARSHIP

Prof K V V Murthy Scholarship has been instituted in the year 2023 and is open for second-year BTech students of electrical engineering. The main objective is to award one scholarship every year to a second-year BTech student of electrical engineering to support financial need, internships (international or domestic), or special projects and opportunities, etc. The amount of scholarship is of Rs 1 lakh per student to whose CPI is at least 6.5. **Tamizhanban A G,** BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF D V PAI SCHOLARSHIP

Prof D V Pai Scholarship has been instituted in the year 2023 and is open for second-year undergraduate students of electrical engineering. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Parag Sarvoday Sahu,** BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

PROF RAMESH GAONKAR SCHOLARSHIP

Prof Ramesh Gaonkar Scholarship has been instituted in the year 2023 and is open for second-year undergraduate students of electrical engineering. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Mahi Agarwal**, BTech, Electrical Engineering is the recipient of the scholarship for the academic year 2023-24.

DR MAYA AND DR VISHWANATH TIWARY SCHOLARSHIP

Dr Maya and Dr Vishwanath Tiwary Scholarship has been instituted in the year 2023 and is open for female undergraduate students of materials engineering. The main objective is to award one scholarship every year to support financial need, internships (international or

domestic), or special projects and opportunities, etc. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5. **Divya Chinchole,** BTech, Materials Engineering is the recipient of the scholarship for the academic year 2023-24.

MALINI VIJAY DESAI SCHOLARSHIP

Malini Vijay Desai Scholarship has been instituted in the year 2023 and is open for all UG and Masters students. The amount of scholarship is of Rs 1 lakh per student to support internships (international or domestic), special projects and opportunities, financial needs etc. whose CPI is at least 6.5 and should be enrolled in or have completed at least one Sanskrit course at IIT Gandhinagar. **Thejus R Vinod,** BTech, Chemical Engineering is the recipient of the scholarship for the academic year 2023-24.

PG SCHOLARSHIPS

ANJNA AND ANIL TARA CHANDRA SCHOLARSHIP

Anjna and Anil Tara Chandra Scholarship has been instituted in the year 2020 and is open to all postgraduate students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one PG student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc.**Kshitija Vasant Bothikar,** MA in Society & Culture is the recipient of the scholarship for the academic year 2023-24.

LALITA & SHYAM BIHARI SCHOLARSHIP

Lalita & Shyam Bihari Scholarship has been instituted in the year 2022. The scholarship amount is Rs 1 lakh per student per year and is awarded to one PG student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc.. **Udit Kumar**, MSc, Mathematics is the recipient of the scholarship for the academic year 2023-24.

RAJ KISHORE SCHOLARSHIP

Raj Kishore Scholarship has been instituted in the year 2022 and is open to all BTech and Masters students. The scholarship amount is Rs 1 lakh per student per year and is awarded to one BTech or Masters student every year in order to support internships (international or domestic), special projects and opportunities, financial needs, etc. **Vasu Pipal,** MA in Society & Culture is the recipient of the scholarship for the academic year 2023-24.

PROFESSOR DV PAI SCHOLARSHIP

Professor D V Pai Scholarship has been instituted in the year 2018 and is open to all second-year students of the MSc program in mathematics whose gross annual parental income does not exceed Rs 8 lakh per annum and has a minimum CPI of 7.0. The scholarship amount is Rs 25,000 per academic year. In addition, a book grant of a total up to Rs 5,000 can be claimed by the recipient student against the actual expenditure incurred. **Avinash Pandey,** MSc, Mathematics is the recipient of the scholarship for the academic year 2023-24.

FINANCIAL AID FROM FARMSON-IITGN SCHOLARSHIP

IIT Gandhinagar in collaboration with Fulcrum has set up the Farmson-IITGN Scholarship and the committed funds have been received from K K Vithani Foundation. This scholarship provides financial assistance/support to students at IIT Gandhinagar from economically disadvantaged backgrounds for covering tuition fees, living costs including hostel and mess fees, and purchase of gadgets required for online education and other academic needs such as books and stationery.

A total of 121 students received financial aid in the form of scholarships from K K Vithani Foundation.

RESEARCH AND DEVELOPMENT

PUBLICATIONS

Number of research publications from April 2023 - March 2024

DOCUMENT TYPE	NUMBER OF RESEARCH PUBLICATIONS
Book chapters	37
Books	8
Books edited	7
E-print archives	146
Journal articles	592
Magazine/newspaper articles/short story	9
Papers presented at conference	235
Posters presented	35
Reviews	9
Others	13
Total	**1091**

SPONSORED RESEARCH PROJECTS

PROJECTS SANCTIONED DURING 2023-24

- Bioactive microbubbles as autonomous targeted drug delivery carriers, **(MHRD).** Principal investigator: **Prof Krishna Kanti Dey**, Physics
- Probing ion transport and osmotic energy harvesting through sub-nm channels in two-dimensional metal-organic frameworks, **(INAE).** Principal investigator: **Prof Gopinadhan Kalon**, Physics
- Measurement induced phase transitions under collective dissipation (MATRICS), **(SERB).** Principal investigator: **Prof Prasanna V Balasubramanian**, Physics
- Beautiful flavor physics at recent colliders, **(SERB).** Principal investigator: **Prof Rusa Mandal,** Physics
- Mixing and combustion in cavity-based scramjet combustor, **(DRDO).** Principal investigator: **Prof Vinod Narayanan,** Mechanical Engineering
- Demonstration of a novel compact, lightweight 10 KWE fuel cell based power pack platform for unmanned aerial-surveillance applications in frontier areas**, (DRDO).** Principal investigator: **Prof Atul Bhargav,** Mechanical Engineering
- Experimental investigation of the intermittent strategy employed by the CNS in the control of quiet stance in young and elderly healthy individuals, **(DST).** Principal investigator: **Prof Harish Palanthandalam Madapusi,** Mechanical Engineering
- Learning-based controller that stabilizes unstable robot-end-point interactions with the environment: algorithm development and hardware validation, **(SERB).** Principal investigator: **Prof Harish Palanthandalam Madapusi,** Mechanical Engineering
- A force-sensitive robotic gripper with integrated slip detection, **(GUJCOST).** Principal investigator: **Prof Harish Palanthandalam Madapusi,** Mechanical Engineering
- Human performance enhancement using a textile-based soft leg exosuit, **(DRDO).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- Muscle activity-based control strategy to assist disabled individuals using a cable-driven robotic exoskeleton, **(GUJCOST).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- A computational study of propulsive performance of metal-based refrigerated and gelled composite propellants, **(SERB).** Principal investigator: **Prof Dilip Srinivas Sundaram,** Mechanical Engineering
- Investigating vapor condensation for thermal desalination processes, **(BRNS).** Principal investigator: **Prof Soumyadip Sett,** Mechanical Engineering
- Local and global contact problems in elastic rods, **(SERB).** Principal investigator: **Prof Harmeet Singh,** Mechanical Engineering
- Projective closure of affine monomial curves, **(SERB).** Principal investigator: **Prof Indranath Sengupta,** Mathematics
- Quotients in algebraic supergeometry, **(SERB).** Principal investigator: **Prof Sanjaykumar Hansraj Amrutiya,** Mathematics
- Multiscale analysis for switching markov processes, **(SERB).** Principal investigator: **Prof Chetan D Pahlajani,** Mathematics
- Development of indigenous coatings on 3D printed Ti-6Al-4V implants for biomedical applications, **(DRDO).** Principal investigator: **Prof Emila Panda,** Materials Engineering
- Social action and policy lab and UNICEF partnership 2023-25, **(UNICEF).** Principal investigator: **Prof Jaison A Manjaly,** Humanities & Social Sciences
- Landscape and tectonic evolution of the Great Rann of Kachchh (GRK): short term (Holocene) and long-term (50-100 Ka) impact on human settlement & resources, **(MoES).** Principal investigator: **Prof V N Prabhakar,** Humanities & Social Sciences
- Vadnagar glass and its role in maritime network, **(GSA).** Principal investigator: **Prof Alok Kumar Kanungo,** Humanities & Social Sciences
- Secure and energy efficient mixed domain compute in memory-based AI accelerator chip for edge applications, **(MEITY).** Principal investigator: **Prof Joycee M Mekie,** Electrical Engineering
- Extension and digitalisation of Indian Aphasia Battery (IAB), **(DBT).** Principal investigator: **Prof Uttama Lahiri,** Electrical Engineering
- DST PAC meeting (International projects)**, (DST).** Principal investigator: **Prof Vikrant Jain,** Earth Sciences
- Integrated Ocean Drilling program, expedition 389 **(NCPOR).** Principal investigator: **Prof Pankaj Khanna,** Earth Sciences
- High-pressure-temperature behavior of (Mg, Fe)2GeO4: Analogues for silicates of deep exoplanet interiors, **(SERB).** Principal investigator: **Prof Rajkrishna Dutta,** Earth Sciences

- Nonlinear dynamics studies from the perspective of artificial intelligence (TARE), **(SERB).** Principal investigator: **Prof Anirban Dasgupta,** Computer Science and Engineering
- Active air: active learning for air quality station deployment **(GUJCOST).** Principal investigator: **Prof Nipun Batra,** Computer Science and Engineering
- Understanding and ensuring the privacy of user data, **(SERB).** Principal investigator: **Prof Abhishek Bichhawat,** Computer Science and Engineering
- Verifying security properties of group messaging protocols**, (CEFIPR).** Principal investigator: **Prof Abhishek Bichhawat,** Computer Science and Engineering
- A real-time 2D flood inundation forecasting system for the Brahmaputra river basin using hydrologic-hydro dynamic and statistical dynamical approaches, **(IITM).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- Accidental eccentricity due to torsional ground motion—understanding and developing design recommendations, **(SERB).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Synthesis of water soluble sustainable photo-catalysts consisting of 3-D porphyrin array with adamantane bridge, **(CSIR).** Principal investigator: **Prof Iti Gupta,** Chemistry
- Development of a urine treatment system for recovery of ammonia and liquid waste management, **(GUJCOST).** Principal investigator: **Prof Bhaskar Datta,** Chemistry
- Selective recognition of G-quadruplexes by a smart dye for preventive approach and early detection of silicosis, **(SERB).** Principal investigator: **Prof Bhaskar Datta,** Chemistry
- Theoretical and experimental investigations of the phase behaviour of shape-memory polymer blends and composites for biomedical applications, **(SERB).** Principal investigator: **Prof Pratyush Dayal,** Chemical Engineering
- Development of a microfluidic platform for on-demand bio-manufacturing through list assisted protein purification, **(SERB)**. Principal investigator: **Prof Karthik P Subramaniam**, Chemical Engineering
- Engineering next-generation biopolymers for effective removal of heavy metal ions in water: a protein engineering approach, **(DBT)**. Principal investigator: **Prof Karthik P Subramaniam**, Chemical Engineering
- A-based nanocatalysts for H2 production from methanol oxidation: Combination of spectroscopic and kinetic studies, **(SERB).** Principal investigator: **Prof Abinaya Sampath**, Chemical Engineering
- Co-delivery of methotrexate and RELA siRNA using nanoscale DNA tetrahedrons and folate liposomes to synergistically target synovial macrophages in rheumatoid arthritis, **(GSBTM).** Principal investigator: **Prof Dhiraj D Bhatia**, Biological Sciences and Engineering
- Programmable DNA-peptide hybrid nanodevices for high- throughput bioimaging: from single molecules to live cells and tissues, **(MoES).** Principal investigator: **Prof Dhiraj D Bhatia,** Biological Sciences and Engineering
- Understanding the role of plant U-box E3 ligases in pollination, **(SERB).** Principal investigator: **Prof Subramanian Sankaranarayanan,** Biological Sciences and Engineering
- Network-of-network lens to quantify structural and dynamical aspects of resilience of coupled infrastructure systems, **(SERB).** Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- Defining river health of dryland rivers by developing a process-based hydro-geomorphic model**, (SERB).** Principal investigator: **Prof Vikrant Jain,** Earth Sciences
- Decentralized security orchestration and management with programmable networking and artificial intelligence, **(SERB).** Principal investigator: **Prof Sameer Kulkarni,** Computer Science and Engineering
- Developing a coke resistant biogas reforming catalyst using a comparative approach of supported and substituted metal oxide, **(SERB).** Principal investigator: **Prof Sudhansu Sharma,** Chemistry
- Condition Assessment & Management Plan (CAMP) for Narmada river basin, **(MoWR)**, Principal investigator: **Prof Pranab Kumar Mohapatra**, Civil Engineering
- 3D printed tissue engineered islet transplant system (3d-pits)-influence of extrinsic factors and microenvironment for protecting and enhancing the viability and functionality of differentiated islet-like clusters, **(ICMR)**. Principal investigator: **Prof Karla Patricia Mercado-Shekhar**, Biological Sciences and Engineering
- Towards next generation ultra-strong and ultra-tough light-weight protective biomimetic composites: inspiration from nacre and dactyl club, **(SERB).** Principal investigator: **Prof Raghavan Ranganathan**, Materials Engineering
- Black holes in astrophysical environment: observational signatures in gravitational waves, **(SERB)**. Principal investigator: **Shailesh Kumar** (Mentor: **Prof Arpan Bhattacharyya**, Physics)
- Dynamics and acoustics of piecewise linear structures, **(SERB).** Principal investigator: **Prof Jayaprakash K R,** Mechanical Engineering
- Targeted protein degradation of tdp-43: target validation and development of therapeutics against triple negative breast cancer, **(GSBTM).** Principal investigator: **Prof Sharad Gupta,** Biological Sciences and Engineering
- Setting up proteomics and mass spectrometry facility at Biological Sciences and Engineering Department of IIT Gandhinagar, **(DST-FIST).** Principal investigator: **Prof Sharad Gupta,** Biological Sciences and Engineering
- Precipitate stability and their significance on the mechanical properties of (NiCoCr) (TiAl) multicomponent alloys, **(SERB).** Principal investigator: **Prof Pradipta Ghosh,** Materials Engineering
- Developing a new class of chemical sensors by investigating the semiconducting properties of a new family of boron based nanosheets (xbenes) derived from layered metal diborides**, (SERB).** Principal investigator: **Prof Kabeer Jasuja,** Chemical Engineering
- Visvesvaraya PhD scheme for electronics and IT, Department of Electronics & Information Technology, **(DEITY).** Principal investigator: **Prof Uttama Lahiri,** Electrical Engineering
- Reactive transport in porous media (Ramanujan), Science & Engineering Research Board, **(SERB).** Principal investigator: **Prof Uddipta Ghosh**, Mechanical Engineering
- Development of a predictive geomorphic model as a tool for a sustainable river management, Ministry of Earth Sciences, **(MoES).** Principle investigator: **Prof Vikrant Jain**, Earth Sciences
- Ramanujan fellowship - DNA nanodevices to program stem cells, Science & Engineering Research Board, **(SERB).** Principal investigator: **Prof Dhiraj Bhatia**, Biological Sciences and Engineering
- INSPIRE faculty award, Department of Science & Technology, **(DST).** Principal investigator: **Prof Akshaa Vatwani**, Mathematics
- An experimental operational hydrologic modeling and forecasting system for river basin hydrology and extremes for India, Indian Institute of Tropical Meteorology, **(IITM).** Principal investigator: **Prof Vimal Mishra**, Civil Engineering
- A device for bed load measurement, Science & Engineering Research Board (IMPRINT), **(DST).** Principal investigator: **Prof Pranab Mohapatra**, Civil Engineering
- Establishing Gujarat State Climate Change Center, **(SERB).** Principal investigator: **Prof Vikrant Jain**, Earth Sciences
- Hit to lead chemistry for novel treatments of leishmaniasis, **(DNDI).** Principal investigator: **Prof Sivapriya Kirubakaran**, Chemistry
- Gandhipedia: A one-stop AI-enabled portal for browsing Gandhian literature, life-events and his social network, **(NCSM).** Principal investigator: **Prof Mayank Singh** (Co-PI), Computer Science and Engineering
- Assessing the concentrations and sources of indoor VOC's and particulate matter (PM) in urban India and comparing to levels in China and the US, **(DUKE).** Principal investigator: **Prof Chinmay Ghoroi**, Chemical Engineering
- Water for change: Integrative and fit-for-purpose water sensitive design framework for fast-growing livable cities, **(DST).** Principal investigator: **Prof Pranab Mohapatra**, Civil Engineering
- Design and testing of robust and flexible 3D printed electrodes with novel porous architecture guided by graph theory and molecular simulations for high energy density applications, **(DST).** Principal investigator: **Prof Mithun Radhakrishna**, Chemical Engineering
- Micronization and encapsulation of explosive by expansion of co2 - expanded solutions, **(DRDO).** Principal investigator: **Prof Sameer Dalvi**, Chemical Engineering
- Multicomponent seismic excitation: Characterization of design spectra and developing combination rule, **(MoES).** Principal investigator: **Prof Dhiman Basu**, Civil Engineering
- Materials for sustainable and energy efficient buildings, Ecole Normale Supérieure De Cachan, France, **(MHRD).** Principal investigator: **Prof Atul Bhargav**, Mechanical Engineering
- Understanding the impact of air pollution on solar photovoltaics and developing surface engineered panel materials for improved performance of solar plants, Duke University, USA, **(MHRD).** Principal investigator: **Prof Chinmay Ghoroi**, Chemical Engineering
- Development and application of geomorphic tool for sustainable management of a Himalayan river system, India, The University of Auckland, New

Zealand, **(MHRD).** Principal investigator: **Prof Vikrant Jain**, Earth Sciences
- Analytical and computational study of nonlinear acoustic metamaterials, Technion - Israel Institute of Technology, Israel, **(MHRD).** Principal investigator: **Prof Jayaprakash K R,** Mechanical Engineering
- Problems in analytic and combinatorial number theory, Queen's University at Kingston, Canada, **(MHRD).** Principal investigator: **Prof Atul Dixit**, Mathematics
- Indigenous cultural heritage as a facilitator for the sustainable development goals, Flinders University, Australia, **(FU).** Principal investigator: **Prof Alok Kumar Kanungo**, Humanities and Social Sciences
- Study of locomotor adaptation using a single degree-of-freedom bilateral gait trainer, **(MHRD).** Principal investigator: **Prof Vineet Vashista**, Mechanical Engineering
- Assessing gait and balance during walking using body-worn sensors, **(MHRD).** Principal investigator: **Prof Vineet Vashista**, Mechanical Engineering
- NIR porphyrin-microbubbles as multi-colour molecular imaging probes, **(MHRD).** Principal investigator: **Prof Sameer Dalvi,** Chemical Engineering
- Development of a novel vacuum based process for producing porous metal structures, **(MHRD).** Principal investigator: **Prof Abhay Raj Singh Gautam,** Materials Engineering
- VR-based exergaming platform in conjunction with neuroimaging guided non-invasive electrical stimulation, **(MHRD.)** Principal investigator: **Prof Uttama Lahiri,** Electrical Engineering
- High-performance numerical simulations and experimental investigation of particle transport and turbulence in rotational flows: Applications to Eccentric and Conical Taylor-Couette configurations, **(MHRD).** Principal investigator: **Prof Uddipta Ghosh,** Mechanical Engineering
- High entropy alloy nanoparticles CeO2 catalyst for dry reforming of CO2, (**STARS**). Principal investigator: **Prof Sudhanshu Sharma,** Chemistry
- Physics guided data science approach for predictive understanding of hydrological processes, (**STARS**). Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- Understanding the critical orientation for seismic excitation and developing associated GMPEs for Indian subcontinent, (**STARS**). Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Flood risk assessment in tropical rivers in the anthropocene under climate change scenario using hydro geomorphic modeling, (**STARS**). Principal investigator: **Prof Vikrant Jain,** Earth Sciences
- Harnessing low cost, high efficiency stable photovoltaics based on layered hybrid perovskites, (**STARS**). Principal investigator: **Prof Rupak Banerjee,** Physics
- Electrochemical fabrication of sub-nm pores on mica and Si-nitride sheets for desalination applications, (**STARS**). Principal investigator: **Prof Gopinadhan Kalon**, Physics
- Antibacterial polymers to combat drug-resistant bacteria, (**STARS**). Principal investigator: **Prof Abhijit Mishra,** Materials Engineering
- Randomized algorithms for scalable numerical multilinear algebra, **(Google).** Principal investigator: **Prof Anirban Dasgupta,** Computer Science & Engineering
- Emotional face recognition: understanding the underlying neural connectivity in high functioning adolescents with autism, **(DST).** Principal investigator: **Prof Uttama Lahiri**, Electrical Engineering
- Fast, robust, energy-aware in-memory computing architectures, **(SRC).** Principal investigator: **Prof Joycee Mekie**, Electrical Engineering
- Developing new plasmonic antenna-reactor platform for efficient storage of solar energy as clean fuels, **(GUJCOST).** Principal investigator: **Prof Saumyakanti Khatua,** Chemistry
- Gold nano heater mediated targeting of powering in cancer for next generation chemo Photo thermal therapy**, (GUJCOST).** Principal investigator: **Prof Sudipta Basu,** Chemistry
- Design, dynamic study and control of a cable driven flexible robotic manipulator, **(GUJCOST).** Principal investigator: **Prof Madhu Vadali**, Mechanical Engineering
- High sensitive detection of atmospheric pollutant gases to monitor the effects of industrial emissions on urban air quality, **(GUJCOST).** Principal investigator: **Prof Arup Lal Chakraborty,** Electrical Engineering
- High performance fiber reinforced concrete (HPFRC): Introducing a capacity based mix design framework, **(GUJCOST).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Impact of air pollution on COVID-related secondary exacerbations, **(Google).** Principal investigator: **Prof Nipun Batra,** Computer Science & Engineering
- The effects of reverse migration on indigenous communities following India's Covid-19 induced lockdown, **(SSRC).** Principal investigator: **Prof Nishaant Choksi**, Humanities & Social Sciences
- BioTheraBubble bioactive ultrasound-driven microbubble for theranostics, **(DST).** Principal investigator: **Prof Krishna Kanti Dey**, Physics
- Understanding the role of chemical nature of the adsorbent on the co-solute assisted adsorption or desorption of solute in a liquid phase by using thermodynamic models and Monte Carlo simulations to aid the rational design of "smart" adsorbents**, (SERB).** Principal investigator: **Prof Kaustubh Rane,** Chemical Engineering
- Small molecule-mediated targeting of powerhouse in cancer for next-generation chemo-photo-therapy, **(SERB).** Principal investigator: **Prof Sudipta Basu,** Chemistry
- High strength hydrogels - synthesis, rheology and applications, **(SERB).** Principal investigator: **Prof Prachi Thareja,** Chemical Engineering
- Investigations on heavy-quark dynamics in hot magnetised and viscous QCD medium, **(SERB).** Principal investigator: **Prof Vinod Chandra,** Physics
- AMR flows: antimicrobials and resistance from manufacturing flows to people - joined up experiments, mathematical modeling and risk analysis, **(DBT).** Principal investigator: **Prof Pranab Kumar Mohapatra**, Civil Engineering
- Optimizing plasmonic catalyst design for driving specific photocatalytic redox reactions, **(SERB).** Principal investigator: **Prof Saumyakanti Khatua,** Chemistry
- Higgs physics beyond the standard model at the LHC, **(SERB).** Principal investigator: **Prof Baradhwaj Coleppa**, Physics
- Number-theoretic analysis of certain transformations and an extension of the Ramanujan Master Theorem, **(SERB).** Principal investigator: **Prof Atul Dixit,** Mathematics
- Viruses in evolution and disease, **(CISCO).** Principal investigator: **Prof Sharmistha Majumdar,** Biological Sciences and Engineering
- Overdetermined problems for extremal Pucci equations and related symmetry and Liouville type results, **(SERB).** Principal investigator: **Prof Jagmohan Tyagi**, Mathematics
- Developing directional combination rule for 6 -component seismic excitations, **(SERB).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Synthesis of magnetic catalyst coated microbubbles for removal of trace pollutants, **(DST).** Principal investigator: **Prof Sameer Dalvi,** Chemical Engineering
- From single molecules to live cells: In situ, multiplexed, high-throughput imaging with DNA-nanotechnology, **(GUJCOST).** Principal investigator: **Prof Dhiraj Bhatia,** Biological Sciences and Engineering
- Development of a sliding bearing for earthquake protection of structures, **(DST).** Principal investigator: **Prof Manish Kumar,** Civil Engineering
- UAV-based laser spectroscopic monitoring of greenhouse gas emissions in urban and rural India, **(RAE).** Principal investigator: **Prof Arup Lal Chakraborty,** Electrical Engineering
- Predator prey interactions: chemical defense in hemiptera: pentatomidae bug (the gondhi bug) and its glandular secretions, **(DBT).** Principal investigator: **Prof Dhiraj Bhatia**, Biological Sciences and Engineering
- Smartwear for monitoring and treatment of gait disorders in parkinsonism, **(DST).** Principal investigator: **Prof Uttma Lahiri,** Electrical Engineering
- Multi-phasic models of solid-electrolyte interphases in lithium batteries: towards exascale simulations, **(DST).** Principal investigator: **Prof Raghavan Ranganathan**, Materials Engineering
- Collective interaction effects in self-organization, **(DST).** Principal investigator: **Prof Prasanna Venkatesh Balasubramanian,** Physics
- In memory computing for next generation workloads using emerging memory technologies, **(SERB).** Principal investigator: **Prof Joycee Mekie,** Electrical Engineering
- Evaluating oral cancer lesions using quantitative ultrasound and elasticity imaging, **(GSBTM)** Principal investigator: **Prof Karla Patricia Mercado-Shekhar,** Biological Sciences and Engineering
- DNA programmed, microfluidic devices as cost-effective, high-throughput point-of-care diagnostic platforms for covid19 detection, **(GSBTM).** Principal investigator: **Prof Dhiraj Bhatia**, Biological Sciences and Engineering
- Mapping kapadvanj glass: The last surviving traditional tank furnace in India, **(CMOG).** Principal investigator: **Prof Alok Kanungo**, Archaeological Sciences
- Novel laser-based monitoring of key environmental parameters – addressing well-being, livelihood and a healthier environment in developing regions of India, **(RAE).** Principal investigator: **Prof Arup Lal Chakraborty**, Electrical Engineering

- Ultrasound-enabled oncotripsy for breast cancer treatment, **(DBT).** Principal investigator: **Prof Himanshu Shekhar,** Electrical Engineering
- Developing novel oxygen carriers for chemical looping combustion using substitutional chemistry of mixed phases, **(DST).** Principal investigator: **Prof Sudhanshu Sharma**, Chemistry
- Mangroves stories in Gujarat, **(SSRC).** Principal investigator: **Prof Ambika Aiyadurai,** Humanities & Social Sciences
- Integrated real time hydroclimatic framework and forecasting system for Gujarat, **(UNICEF).** Principal investigator: **Prof Vimal Mishra**, Civil Engineering
- Topological invariance of compact quantum groups and their homogeneous spaces, **(NBHM).** Principal investigator: **Prof Bipul Saurabh,** Mathematics
- Smart wear - monitoring and addressal of parkinson gait disorders, **(DBT).** Principal investigator: **Prof Uttama Lahiri**, Electrical Engineering
- Development of series elastic actuator and control unit, **(ISRO).** Principal investigator: **Prof Harish Palanthandalam Madapusi**, Mechanical Engineering
- Integrative and network modeling of mammalian circadian clock complexes, **(DBT).** Principal investigator: **Prof Ashutosh Srivastava,** Biological Sciences and Engineering
- Decrypting quantum gravity using quantum information, **(BRNS).** Principal investigator: **Prof Arpan Bhattacharyya**, Physics
- History, science & technology of wildlife hunting and trapping in Arunachal Pradesh, **(INSA)** Principal investigator: **Prof Ambika Aiyadurai,** Humanities & Social Sciences
- Functional peptides and DNA based nano-assemblies for therapeutic intervention in alzheimer's disease and related neurodegenerative disorders, **(HEFA)** Principal investigator: **Prof Sharad Gupta**, Biological Sciences and Engineering
- Verified models and implementations of web security protocols, **(DST).** Principal investigator: **Prof Abhishek Bichhawat,** Computer Science & Engineering
- Study of earth surface processes at three different critical zones with different climatic and geologic settings in western India, **(MoES).** Principal investigator: **Prof Vikrant Jain,** Earth Sciences
- Epigenomic basis of evolution of homeothermy: CGGBP1-CTCF axis in heat stress response, **(SERB).** Principal investigator: **Prof Umashankar Singh,** Biological Sciences and Engineering
- Software tool development for assessing impact of process parameters on performance of thin film coating in precision inertial sensing elements, **(ISRO).** Principal investigator: **Prof Raghavan Ranganathan**, Materials Engineering
- Wearable robots for human gait restoration: A cable-driven leg exoskeleton, **(IHFC).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- Technology development of RF power LDMOS devices, **(ISRO).** Principal investigator: **Prof Nihar Ranjan Mohapatra,** Electrical Engineering
- Mathematical modelling of flow and transport in porous media: A homogenization approach, **(SERB).** Principal investigator: **Prof Satyajit Pramanik**, Mathematics
- Smartwear: AI-enabled solution to parkinson gait disorders, **(SERB).** Principal investigator: **Prof Uttama Lahiri,** Electrical Engineering
- Low temperature high magnetic field cryogenic system, **(DST).** Principal investigator: **Prof Gopinadhan Kalon, Physics**
- Investigating air quality and its dynamics in built environments in urban India, **(SERB).** Principal investigator: **Prof Sameer Patel,** Chemical Engineering
- Developing duplex shear wave elasticity imaging and ultrafast doppler ultrasound for potential application in kidney implant monitoring, **(SERB).** Principal investigator: **Prof Karla Patricia Mercado Shekhar,** Biological Sciences and Engineering
- Integrative modeling and dynamics of mammalian circadian clock complexes, **(SERB).** Principal investigator: **Prof Ashutosh Srivastava,** Biological Sciences and Engineering
- Characterising QFT by analysing quantum circuit complexity**, (SERB).** Principal investigator: **Prof Arpan Bhattacharyya**, Physics
- Hazard-free circuits: algorithms and complexity**, (SERB).** Principal investigator: **Prof Balagopal Komarath,** Computer Science & Engineering
- Scalable and private machine learning via coresets**, (SERB).** Principal investigator: **Prof Anirban Dasgupta**, Computer Science & Engineering
- Practical approximation algorithms for numerical multilinear algebra**, (SERB).** Principal investigator: **Prof Anirban Dasgupta**, Computer Science & Engineering
- Cyber-attack analysis toolkit for cyber-physical distribution system security [CyberDiSS]**, (CPRI).** Principal investigator: **Prof Naran Pindoriya,** Electrical Engineering
- A deep neural network (DNN) based framework for inverse design of high-power RF LDMOS transistors**, (SERB).** Principal investigator: **Prof Nihar Ranjan Mohapatra,** Electrical Engineering
- Generalized herglotz functions, zeta functions arising from modular relations, asymptotics of generalized lambert series, and mock theta functions**, (SERB).** Principal investigator: **Prof Atul Dixit,** Mathematics
- System invertibility and relative degree for MIMO linear dynamical systems**, (SERB).** Principal investigator: **Prof Harish Palanthandalam Madapusi**, Mechanical Engineering
- High-end computational facility for AI/ML Research, **(FIST).** Principal investigator: **Prof Mayank Singh,** Computer Science & Engineering
- Development and validation of DNA functionalized nanoparticles for early screening of cancer in zebrafish model**, (SERB).** Principal investigator: **Dr Krupa Kansara** (Mentor: **Prof Dhiraj Bhatia**)**,** Biological Sciences and Engineering
- Ultra-high sensitivity tunable laser-based spectroscopic gas detection system for the human spaceflight programme**, (ISRO).** Principal investigator: **Prof Arup Lal Chakraborty,** Electrical Engineering
- Advanced microscopy and spectroscopy laboratory, **(DST).** Principal investigator: **Prof Prachi Thareja,** Chemical Engineering

ONGOING SPONSORED PROJECTS

- Multi-sensor drone survey of Vadnagar, Gujarat, **(ASI).** Principal investigator: **Prof Michel Danino,** Humanities & Social Sciences
- Identification of RNA G-quadruplex structure in long non-coding RNAs (lncRNAs) dysregulated in ovarian cancer, **(GSBTM).** Principal investigator: **Prof Bhaskar Datta**, Chemistry
- Development of medium strength Al-Mg-Si (AA6082 based) alloy for high end strategic applications (extruded/drawn tubes), **(MOM).** Principal investigator: **Prof Amit Arora,** Materials Engineering
- Field assistants in wildlife research and conservation: Case studies from Arunachal Pradesh, **(NTCA).** Principal investigator: **Prof Ambika Aiyadurai**, Humanities & Social Sciences
- Photo-cleavage based affinity purification towards the development of protein-based therapeutics, **(GSBTM).** Principal investigator: **Prof Karthik Pushpavanam Subramaniam,** Chemical Engineering
- Estrogen receptor targeted metallocorrole-drug conjugates: synthesis, optical studies and biological application in breast cancer, **(SERB).** Principal investigator: **Prof Iti Gupta,** Chemistry
- Swing phase gait training and assistance of stroke patients using a cable driven robot, **(DST).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- Irreducible symplectic varieties and hyperkahler analogues in positive characteristic via derived categories, **(SERB).** Principal investigator: **Prof Tanya Kaushal Srivastava,** Mathematics
- Topographic and climatic controls on surface - groundwater dynamics, ravine land development and its implications on social welfare and development planning, **(WINF).** Principal investigator: **Prof Vikrant Jain,** Earth Sciences
- Elucidating polymorphic behaviour of active pharmaceutical ingredients (APIs) during crystallization: A combined approach of experimental and molecular dynamics simulations studies, **(CEFIPR).** Principal investigator: **Prof Sameer V Dalvi,** Chemical Engineering
- Exploring chemical space of organic semiconductors using multiscale computation**, (SERB).** Principal investigator: **Prof Anirban Mondal,** Chemistry
- Development of anodic copper catalysts for biomass oxidation under mild conditions with co-production of hydrogen, **(SERB).** Principal investigator: **Prof Biswajit Mondal,** Chemistry
- Northern Indian ocean holocene eustatic sea-level record (Lakshadweep Archipelago), **(SERB).** Principal investigator: **Prof Pankaj Khanna,** Earth Sciences
- Regulation of eukaryotic mobile genetic elements, **(SERB).** Principal investigator: **Prof Sharmistha Majumdar,** Biological Sciences and Engineering
- Reconstruction of human-animal interactions at the world heritage harappan site of dholavira, Gujarat, India: Inferences from isotopic composition of archaeological bone and teeth remains, **(SERB).** Principal investigator: **Prof Sharada V Channarayapatna,** Archaeology
- Explicit stochastic model predictive

control for an energy system under operational uncertainties, **(SERB).** Principal investigator: **Prof Hari Sai Ganesh,** Chemical Engineering
- Understanding the genetic and molecular control of plant reproduction, **(DBTRL).** Principal investigator: **Prof Subramanian Sankaranarayanan,** Biological Sciences and Engineering
- Catalytic asymmetric β-trifluoromethylation and cascade α, β-difunctionalization of α, β-unsaturated aldehydes, **(SERB).** Principal investigator: **Prof Chandrakumar Appayee,** Chemistry
- Development of polyunsaturated fatty acid rich groundnut cultivars using CRISPR-Cas9 gene editing, **(GSBTM).** Principal investigator: **Prof Subramanian Sankaranarayanan,** Biological Sciences and Engineering
- Ion exchanged nanoporous geopolymer for liquid-solid heterogeneous reactions of industrial relevance, **(SERB).** Principal investigator: **Prof Sudhanshu Sharma,** Chemistry
- Multifaceted analysis of archaeological ceramics, beads, shell objects and external trade relations from the historic city of Vadnagar, Gujarat, **(GSA).** Principal investigator: **Prof V N Prabhakar,** Humanities & Social Sciences
- IKS cell for ancient Indian Technologies, **(IKSCAI).** Principal investigator: **Prof V N Prabhakar,** Humanities & Social Sciences
- Development and analysis of low complexity single layer neural networks, **(SERB).** Principal investigator: **Prof Nithin V George,** Electrical Engineering
- Modified non-boltzmann monte carlo simulations to study protein folding/ unfolding, **(SERB).** Principal investigator: **Prof Mithun Radhakrishna,** Chemical Engineering
- Explicit and microlocal inversion questions for certain integral transforms, **(SERB).** Principal investigator: **Prof Rohit Kumar Mishra,** Mathematics
- Dual aminocatalytic asymmetric synthesis of cyclohexane derivatives and their applications to the total synthesis of bioactive natural products, **(SERB).** Principal investigator: **Prof Chandrakumar Appayee,** Chemistry
- Synthesis and evaluation of solvatochromic probes for labeling and tracking of mycobacterium tuberculosis, **(SERB)** Principal investigator: **Prof Venkata Sriram Kanvah Gundimeda,** Chemistry
- Translatable, self-healable, drug crystal encapsulated hydrogel platform for long-acting intra-articular therapy for rheumatoid arthritis, **(SERB).** Principal investigator: **Prof Mukesh Dhanka,** Biological Sciences and Engineering
- Electrophoresis of non-uniformly charged particles in complex fluids, **(SERB).** Principal investigator: **Prof Uddipta Ghosh,** Mechanical Engineering
- Understanding the role of polarity and charge patterning on the structure and function of Nuclear Pore Complexes (NPCs), **(SERB).** Principal investigator: **Prof Mithun Radhakrishna,** Chemical Engineering
- Smart farming of cotton using aerial imagery and computer vision, **(L&T).** Principal investigator: **Prof Shanmuganathan Raman,** Electrical Engineering
- Development of Al-Li alloy with core-shell precipitates for coarsening resistant microstructure, **(SERB).** Principal investigator: **Prof Abhayraj Singh Gautam,** Materials Engineering
- Evaluation of chemi-vaccine candidate and novel ionic liquid based adjuvancy for improved efficacy against breast cancer, **(GSBTM).** Principal investigator: **Prof Sharad Gupta,** Biological Sciences and Engineering
- Fine-grained air quality exposure modeling and forecasting using machine learning, **(MoES).** Principal investigator: **Prof Nipun Batra,** Computer Science and Engineering
- Proposed research work in positivity and combinatorics, **(DST).** Principal investigator: **Prof Projesh Nath Choudhury,** Mathematics
- Curating and constructing benchmarks and development of ML models for low-level NLP tasks in hindi-english code-mixing, **(SERB).** Principal investigator: **Prof Mayank Singh,** Computer Science and Engineering
- Fabrication of Ge1-xSnx based photodetectors by sputtering epitaxy, **(SERB).** Principal investigator: **Prof Krista R Khiangte**, Physics
- Effect of language of tactile perception, **(DST).** Principal investigator: **Prof Leslee Lazar,** Humanities & Social Sciences
- Development of unilateral lower-limb exoskeleton for synchronous walking assistance during rehabilitation, **(SERB).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- Exploring beneficial microbe-embedded nanoparticles for textile wastewater remediation by improving the performance of MBRs, **(GSBTM).** Principal investigator: **Prof Superb Kumar Misra,** Materials Engineering
- Developing a reusable, customizable, and multifunctional metal organic framework based prototype from metal scrap for remediation of contaminated water, **(GSBTM).** Principal investigator: **Prof Superb Kumar Misra,** Materials Engineering
- GEodynamic model for western indian margins (GEMWEIM), **(DST).** Principal investigator: **Prof Utsav Mannu,** Earth Sciences
- Dissociable error-sensitive mechanisms in sensorimotor learning, **(DST).** Principal investigator: **Prof Pratik Mutha,** Biological Sciences and Engineering
- Classification of meditative states based on brain electric signals, **(DST).** Principal investigator: **Prof Krishna Prasad Miyapuram,** Computer Science and Engineering
- Development of techniques for ground-based source localization using sparse arrays on-board LEO satellite, **(ISRO).** Principal investigator: **Prof Nithin V George,** Electrical Engineering
- Development of novel adsorbent and prototyping of powerless water filter, **(NMHS)**. Principal investigator: **Prof Biswajit Saha**, Chemical Engineering
- Improving short-to-medium range extreme precipitation forecasts with climate networks and hybrid physics-ML convection parameterization, **(MoES**). Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- TMMC-based simulation package to facilitate rational design of anisotropic colloids, **(DST)**. Principal investigator: **Prof Kaustubh S Rane**, Chemical Engineering
- Effectiveness of augmented educational podcasts, **(ICSSR).** Principal investigator: **Prof Sameer Sahasrabhudhe,** Design
- Profiling of phytochemicals in ayurvedic medicinal formulations and understanding their aggregation behavior, **(CARI).** Principal investigator: **Prof Sairam Swaroop Mallajosyula,** Chemistry
- Sustainable and energy efficient buildings for Indian climatic conditions (VAJRA), **(SERB).** Principal investigator: **Prof Atul Bhargav**, Mechanical Engineering
- Channel maintenance for swayam prabha, (**MHRD).** Principal investigator: **Prof Udit Bhatia**, Civil Engineering

CONSULTANCY PROJECTS

- Implications of COVID-19 on Gujarat state from climate change perspective**, (Gujarat Energy Development Agency).** Principal investigator: **Prof Vimal Mishra**, Civil Engineering
- DNA hydrogels for stimulus responsive drug delivery applications**, (Blasto Research Pvt Ltd)** Principal investigator: **Prof Dhiraj Bhatia,** Biological Sciences and Engineering
- Linear electric machine for elevator door, **(Kone Elevators).** Principal investigator: **Prof Ragavan K,** Electrical Engineering
- Training of Engineers for CU/CD triaxial testing, **(IGS).** Principal investigator: **Prof Ajanta Sachan,** Civil Engineering
- Optimization crystallization trials for APIs and 3D-structure identification, **(PEL).** Principal investigator: **Prof Vijay Thiruvenkatam,** Biological Sciences and Engineering
- Optimization and purification of protein (s), **(SMPL).** Principal investigator: **Prof Vijay Thiruvenkatam,** Biological Sciences and Engineering
- Consultancy for healthcare devices and solutions, **(RIL).** Principal investigator: **Prof Dhiraj Bhatia,** Biological Sciences and Engineering
- Biomass pyrolysis/gasification to generate methane rich gas, **(ATMOS).** Principal investigator: **Prof Sudhanshu Sharma,** Chemistry
- Pilot study for strengthening of bridge approaches using geo-cells, **(RVNL).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Expert services for setting up the question paper and assessment thereof for the selection of officers at Gujarat Power Research and Development (GPRD) Cell, **(GUVNL).** Principal investigator: **Prof Naran Pindoriya,** Electrical Engineering
- Synthesis of peptides, **(KGP).** Principal investigator: **Prof Sharad Gupta,** Biological Sciences and Engineering
- Plant based meat, **(BLASTO).** Principal investigator: **Prof Bhaskar Datta,** Chemistry
- Assessing suitability of a motor for electric two wheeler, **(IMPL).** Principal investigator: **Prof Ragavan K,** Electrical Engineering
- expertise in preparing the chapters of SAPCC for Sikkim, **(DST)** Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- Enhancing fire safety in India through development of relevant code commentaries and simplified guidelines, **(TWB).** Principal investigator: **Prof Gaurav Srivastava,** Civil Engineering
- Climate change impacts on hydropower in

India, **(UNDP).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- Advise during trouble shooting situation during foundation execution for high speed rail, **(L&T)** Principal investigator: **Prof Shailesh R Gandhi,** Civil Engineering
- Institutionalisation of capacities on climate change studies and actions, **(GDC).** Principal investigator: **Prof Vimal Mishra**, Civil Engineering
- Recovery of precious metals from primary slag, **(HIL).** Principal investigator: **Prof Superb Kumar Misra,** Materials Engineering
- Geotechnical design methodology for different clusters of Bhadbhut Barrage, **(KALPSR).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Simulation of crushing/squeezing of cops/bobbins, **(SIDDHI).** Principal investigator: **Prof Amit Arora,** Materials Engineering
- Estimating the current efficiency (faradaic efficiency) of company supplied ZnSO4 solution, **(HZL).** Principal investigator: **Prof Sudhanshu Sharma**, Chemistry
- Design and development of a cyber-physical system for cyber security assessment in smart distribution grid, **(NRII).** Principal investigator: **Prof Naran M Pindoriya,** Electrical Engineering
- Study on young children and climate (INA-2021-009), **(ICLEI).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- Consultancy services for appearance before the arbitral tribunal, **(IITMS).** Principal investigator: **Prof Shailesh R Gandhi,** Civil Engineering
- Cryptography and possible application of AdS/CFT in this field, **(ATPL).** Principal investigator: **Prof Arpan Bhattacharyya**, Physics
- A shank sensor system for gait phase estimation and gait classification, **(TTPL).** Principal investigator: **Prof Vineet Vashista,** Mechanical Engineering
- Feasibility of surface engineering coatings for aluminum milk containers to prevent adhesion of residual milk, **(PIPL.)** Principal investigator: **Prof Soumyadip Sett,** Mechanical Engineering
- Consultancy for material identification for imports, **(DRI).** Principal investigator: **Prof Amit Arora,** Materials Engineering
- Development and optimization of friction stir channeling process to design cold plate, **(EEPL).** Principal investigator: **Prof Amit Arora,** Materials Engineering
- Feasibility study to fabricate ZnO blocks in an indigenous manner, **(EC).** Principal investigator: **Prof Sriharitha Rowthu,** Materials Engineering
- IITGN-KISEM Industry energy assessment, **(IITMS).** Principal investigator: **Prof Naran M Pindoriya,** Electrical Engineering
- Training program for officers of GUVNL, **(GUVNL).** Principal investigator: **Prof Naran M Pindoriya,** Electrical Engineering
- Training program on regulatory framework in power sector, **(GETRI).** Principal investigator: **Prof Naran M Pindoriya,** Electrical Engineering
- Digitization and automation of corneal cross-linking device, **(BVC).** Principal investigator: **Prof Uttama Lahiri,** Electrical Engineering
- An artificial intelligence tool for automating RTO driving license tests, **(STTL).** Principal investigator: **Prof Shanmuganathan Raman,** Electrical Engineering
- Development of smart boxer software, **(IITMS.)** Principal investigator: **Prof Ravi Hegde,** Electrical Engineering
- Male and female pattern hair loss-observational study, **(MARICO).** Principal investigator: **Prof Himanshu Shekhar,** Electrical Engineering
- Denoising of data and artifact removal for A-scan imaging, **(MSL).** Principal investigator: **Prof Himanshu Shekhar,** Electrical Engineering
- Phased array ultrasound systems for non-destructive testing applications, **(MSL).** Principal investigator: **Prof Himanshu Shekhar,** Electrical Engineering
- Design of terahertz band on-chip signal generator for future wireless systems for 6G, **(QTI).** Principal investigator: **Prof Tarun Kumar Agarwal,** Electrical Engineering
- Low inertia grid solutions review, **(EUK)**. Principal investigator: **Prof Pallavi Bharadwaj,** Electrical Engineering
- Microgrid energy management system development, **(REPL).** Principal investigator: **Prof Pallavi Bharadwaj,** Electrical Engineering
- Three phase induction motor drive development for electric vehicle application, **(ERDA).** Principal investigator: **Prof Pallavi Bharadwaj,** Electrical Engineering
- Assessment of sequestering CO2 in deccan basalts in Gujarat and western Maharashtra, **(APTRI).** Principal investigator: **Prof Pankaj Khanna,** Earth Sciences
- Development of large language models based chat plugin for answering website-specific queries, **(STTL).** Principal investigator: **Prof Mayank Singh,** Computer Science & Engineering
- Software and technology update for phaco machine from biotech vision care product, **(PR).** Principal investigator: **Prof Sameer G Kulkarni,** Computer Science & Engineering
- Physiological measures in consumer research, **(DECR).** Principal investigator: **Prof Krishna Prasad Miyapuram,** Computer Science & Engineering
- Testing the efficacy of neurofeedback in cognitive skills and mental wellness, **(CTE).** Principal investigator: **Prof Krishna Prasad Miyapuram,** Computer Science and Engineering
- Design of foundation systems for structures at two substations in Khavda, Gujarat, **(PGCIL)** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Supervision, inspection and audit of Ahmedabad-Dholera expressway, **(NHAIA).** Principal investigator: **Prof Amit Prashant**, Civil Engineering
- Remedial measures for distress in GRS walls in railway overbridge project near Palanpur, **(L&TC).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Stability of piles for orsang aqueduct structure with the proposed protection works after significant scouring, **(SSNNL).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Structural stability and safety of ash dyke – II at SGTPS, Birsinghpur, **(MPPGCL).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Design of foundation system for above-ground crude oil storage tanks at mundra, Gujarat, **(IOCL).** Principal investigator: **Prof Amit Prashant,** Civil Engineering
- Geotechnical investigations for two high-rise buildings to be constructed at NID campus, **(NID).** Principal investigator: **Prof Ajanta Sachan,** Civil Engineering
- Climate change risk assessment of flooding on gwalior-jhansi highway (ToT 13), **(NIIF).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- Development of climate projections and scenarios database at all India level, **(IIMA).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- High resolution crop mapping and irrigation mapping for karnataka, **(ACIWRM).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- Hydro-geomorphic analysis of vadnagar watershed area, **(DAMG).** Principal investigator: **Prof Vimal Mishra,** Civil Engineering
- IOCL Ambawadi residential colony: part 1-structural audit and expert opinion, **(IOCL).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Request for opinion on proposal of mechanical couplers in rebar for pile cap type L-R3-CP-1, L-R3-CP-2 and L-R3-CP3, **(L&TC)**. Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Structural audit of Aaykar Bhawan at ashram road, Ahmedabad: Part-1, **(CPWD).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Inspection for structural stability of SBI administrative building in Bhavnagar, **(SBI).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Proof consultation and site visit for TSPS including report submission on analysis and remedial measures, **(L&TC).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Structural condition assessment and inspection of RCC frame structure SBILD building, Gandhinagar, **(SBI).** Principal investigator: **Prof Dhiman Basu,** Civil Engineering
- Assessment of implications of vibrations due to piling work on Nilambaug society buildings at chainage 502.654 KM of HSR alignment, **(NHRCL).** Principal investigator: **Prof Gaurav Srivastava,** Civil Engineering
- Design review of fire suppression system for provision of certain infrastructure for induction of boeing aircraft at AF STN Palam, **(CPBPL).** Principal investigator: **Prof Gaurav Srivastava,** Civil Engineering
- Supervision, inspection and audit of Ahmedabad-Dholera expressway, **(NHAIA).** Principal investigator: **Prof Gaurav Srivastava,** Civil Engineering
- Dam break flow analysis for the Rawatbhatta site of NPCIL, **(IIT Kanpur).** Principal investigator: **Prof Pranab Kumar Mohapatra**, Civil Engineering
- Determination of hazen-williams coefficient for ductile iron pipes, **(WCL).** Principal investigator: **Prof Pranab Kumar Mohapatra,** Civil Engineering
- Translation of earthquake-safe buildings, **(EERI).** Principal investigator: **Prof Manish Kumar,** Civil Engineering
- Solution to the problem of water ingress and seepage in the LHS 35 and 36 constructed by Indian Railways in the city of Gondal, **(WR).** Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- Consultancy for intake well capacity

expansion at GIDC pumping station Rundh, **(GIDC).** Principal investigator: **Prof Udit Bhatia,** Civil Engineering
- Technical expertise on modification/ upgradation required in existing CETP of DICDL to treat the effluent of M/s Foxconn, **(DICDL).** Principal investigator: **Prof Udit Bhatia**, Civil Engineering
- Assessment of stretches of NH-47 from KM 60.000 to KM 105.000 in Gujarat, **(NHAIA).** Principal investigator: **Prof Sushobhan Sen,** Civil Engineering
- ·Synthesis and characterization of photosensitizer molecule for potential application in retinal cancer, **(BVC).** Principal investigator: **Prof Iti Gupta,** Chemistry
- Development of multi-functional core-shell particles, **(LCL).** Principal investigator: **Prof Sriram Kanvah Gundimeda,** Chemistry
- Preparation if Ru/Al2O3 using Ru powder samples of ADI Metchem OPC Private Limited, **(AMPL).** Principal investigator: **Prof Sudhanshu Sharma,** Chemistry
- Cellular assays with MCF7, **(KBS).** Principal investigator: **Prof Sivapriya Kirubakaran,** Biological Sciences and Engineering
- Optical fiber-coupled portable spectrometer-based color measurement of raw diamond and comparison with existing method, **(SRE).** Principal investigator: **Prof Saumya Kanti Khatua,** Chemistry
- Fire resistant nano-composite preparation, **(OMEC).** Principal investigator: **Prof Chinmay Ghoroi,** Chemical Engineering
- Chemical analyses of PMMA based copolymer, **(VTIL).** Principal investigator: **Prof Pratyush Dayal,** Chemical Engineering
- In silico studies to understand the effect of polymer binders on the electrical, mechanical and transport properties in Li ion batteries, **(OET).** Principal investigator: **Prof Mithun Radhakrishna,** Chemical Engineering
- Prediction of transverse crack formation during continuous casting using machine learning and artificial intelligence, **(AMNSIL).** Principal investigator: **Prof Hari Sai Ganesh,** Chemical Engineering
- Modification of PCM to improve heat transfer and reduce the time of thermal storage, **(PIPL).** Principal investigator: **Prof Biswajit Saha,** Chemical Engineering
- Madhya Pradesh Council of Science & Technology, **(MPCST).** Principal investigator: **Prof Manish Jain,** Creative Learning
- Sarva Shiksha Abhiyan, **(SSA).** Principal investigator: **Prof Manish Jain,** Creative Learning
- Consultancy project with Kashiv Biosciences, **(KBS).** Principal investigator: **Prof Dhiraj D Bhatia,** Biological Sciences and Engineering
- Computational and modelling studies of ligands – receptors, **(SPIL).** Principal investigator: **Prof Vijay Thiruvenkatam,** Biological Sciences and Engineering

INTELLECTUAL PROPERTY

PATENTS GRANTED DURING 2023-24:

- Phosphate derivatives of myo-inositol as ras inhibitors: Inventors include **Prof Sivapriya Kirubakaran, Prof Vijay Thiruvenkatam, Javeena Hussain**, and **Gayathri Purushothaman**. The Indian patent number is 428697
- A process for preparing boron based nano-accordions and nanosheets: Inventors include **Prof Kabeer Jasuja** and **Saroj Kumar Das**. The Indian patent number is 432027.
- A walking aid system for a parkinson's disease affected person: Inventors include **Prof Uttama Lahiri**, **Sai Rama Krishna G**, and **Megh Patel.** The Indian patent number is 432194
- Substituted 1,2-DIHYDRO-3H-PYRAZOLO[4,3-C] QUINOLIN-3-ONE as ATR KINASE INHIBITORS: Inventors include **Prof Sivapriya Kirubakaran**, **Prof Vijay Thiruvenkatam**, **Althaf Shaik,** and **Rashmi Bhakuni**. The Indian patent number is 435171
- Multi-parameter patient monitoring system: Inventors include **Prof Uttama Lahiri, Dhaval Solanki**, and **Poojan Oza**. The Indian patent number is 427385
- Nanobicatalyst for detection of organophosphorus herbicides: Inventors include **Prof Bhaskar Datta, Sanjay Kuma**, and **Pramila Sharma**. The Indian patent number is 418926
- Physiology-sensitive system for managing physical behavior and a method thereof: Inventors include **Prof Uttama Lahiri** and **Dhaval Solanki**. The Indian patent number is 436853
- Apparatus and method for 3D printing of concrete structures: Inventors include **Shashank Shekhar** and **Prof Manish Kumar**. The Indian patent number is 436854
- An array of matched devices for high resolution high speed digital to analog converters: Inventors include **Satyajit Mohapatra** and **Prof Nihar Ranjan Mohapatra**. The Indian patent number is 437042
- Magnetic composite and a process for its preparation: Inventors include **Prof Manish Kumar Singh** and **Niravkumar Praduman Raval**. The Indian patent number is 455776
- Quinoline based compounds and a process for preparing the same: Inventors include **Prof Sivapriya Kirubakaran**, **Prof Vijay Thiruvenkatam**, **Srimadhavi Ravi**, **Sugata Barui,** and **Althaf Shaikh**. The patent number is: 466023
- An automated story-creation and storytelling platform: Inventors include **Prof Uttama Lahiri, Pradeep Raj,** and **Sujata Sinha**. The patent number is: 472386
- Flame retardant composition and a process for preparing the same: Inventors include **Prof Kabeer Jasuja** and **Saroj Kumar Das**. The patent number is: 476931
- System for detecting variations in motor movements: Inventors include **Prof Harish P M** and **Vinodkumar Shah Vrutangkumar**. The patent number is: 482896
- Carrier for anti-cancer drugs and a process for preparing the same: Inventors include **Prof Chinmay Ghoroi, Jai Prakash Chaudhary**, and **Sophia Varghese**. The patent number is: 511700
- Additive manufacturing using self compacting concrete: Inventors include **Prof Manish Kumar**, **Shashank Shekhar**, and **Rishabh Mathur**. The patent number is: 518855

- An apparatus for cancelling acoustic feedback and a method thereof: Inventors include **Prof Nithin George, Pradhan Somanath,** and **Vinal Patel**. The patent number is: 507174
- Photochromic organic compounds and a process for their synthesis: Inventors include **Prof Chandrakumar Appayee** and **Venkata Mani Duppalapudi Padmaja**. The patent number is: 498888
- A cool flame reactor for diesel reformer: Inventors include **Prof Atul Bhargav** and **Sagardeep Bhakta**. The patent number is: 499543

PATENT FILED DURING 2023-24

- Apparatus to form a reinforced concrete structure and a method thereof: Inventors include **Prof Manish Kumar**, **Prof Venkata Madhukanth Vadali**, and **Chaman Modi**
- Catalyst composition and a process of its preparation: Inventors include **Prof Sudhanshu Sharma**, **Chandrashekhar Tiwari**, and **Bhanu Pratap Singh Gangwar**
- Surfactant-based nanocomposite emulsion and a process for its preparation: Inventors include **Prof Mukesh Dhanka** and **Hemant Singh**
- Gaze-sensitive screening battery system for cognitive impairment: Inventors include **Prof Uttama Lahiri, Dharma Rane, Abhijit Das**, and **Anirban Dutta**
- Cable actuation and routing unit for exosuit (care): Inventors include **Prof Vineet Vashista**, **Yogesh Singh**, **Akshayraj Balasaheb Shinde**, and **Sanjeevi Nakka**
- A system and a method for monitoring physical activities and physiological signals: Inventors include **Prof Biswajit Saha**, **Ravi Prakash Verma**, and **Prateekshya Suman Sahu**
- Carbon quantum dots and a process for preparation thereof: Inventors include **Prof Dhiraj Bhatia** and **Pankaj Yadav**
- Cis-5-substituted alkyl diarylprolinol silyl ether organocatalysts and a process of its preparation: Inventors include **Prof Chandrakumar Appayee**, **Suraj Singh, Rohtash Kumar**, and **Navneet Nandgopal Dubey**
- A system of wearable devices for predicting freezing of gait and pre- assisting a user: Inventors include **Prof Uttama Lahiri**, **Priya Pallavi**, and **Ankita Raghuvanshi**
- Hydrogel flap for wound healing and method of fabrication thereof: Inventors include **Prof Mukesh Dhanka**, **Hitasha Vithalani,** and **Harshil Dave**
- A process for preparation of titanium oxide nanoparticles: Inventors include **Prof Emila Panda**, **Remiya Roy, Ravi Teja Mittireddi**, and **Deepak Prajapati**
- A system for performing minimally invasive surgery (MIS): Inventors include **Prof Madhu Vadali** and **Mohammad Modassir Firdaus**
- Fluorescent styryl compounds and a process for its preparation: Inventors include **Prof Sriram Kanvah** and **Deeksha Rajput**
- Film composition and a process for its preparation: Inventors include **Prof Prachi Thareja**, **Manjot Singh**, and **Manasi Jinugu**
- Phenothiazine derivatives and a process for their preparation: Inventors include **Prof Sivapriya Kirubakaran, Prof Vijay Thiruvenkatam, Gaurav Rai,** and **Bhanu Priya**

RESEARCH ACTIVITIES: EVENTS AND OUTREACH

Research and collaborative events such as conferences, workshops, symposia and seminars form a vital part of academic activities that help stimulate discussions on a wide range of important topics. Many of these activities invite participation from other organisations and enhance the institute's visibility at various levels. The following activities were organised during 2023-24:

CONFERENCES/SYMPOSIUM/ WORKSHOPS

CHEMISTRY CAMP 2023

IITGN, together with the Royal Society of Chemistry (RSC), India, conducted a three-day residential Yusuf Hamied Chemistry Camp (YHCC) for more than 80 students of class 9 from different districts of Gujarat during Mar 29-31, 2023. The Camp aimed to infuse fun in learning practical chemistry and inspire them to pursue chemistry at university level and beyond. The programme was coordinated by **Prof Sivapriya Kirubakaran**.

SCIENCE DAY 2023

IITGN, with support from the Royal Society of Chemistry, celebrated National Science Day on the campus on Feb 28, 2023, by organising an open day with several exciting and handson activities and scientific demonstrations for school and college students. Around 1000 school students and 200 college students from Ahmedabad, Gandhinagar, and nearby districts visited the IITGN campus to explore, experience, and enjoy Science and its wonders. The event was organised by **Profs Sivapriva Kirubakaran** and **Sriram Kanvah**.

CAMP ART AND LEARNING

IITGN's Curiosity Lab and Social Action and Policy Lab, in collaboration with UNICEF, hosted Camp Art & Learning, an online camp for school students of classes 6 to 12, besides teachers, parents, and scholars of education, from Feb 3-5, 2023. The event, through its fascinating sessions by some highly-regarded professionals from India and abroad, emphasised the importance of integrating art within the curriculum for the overall development of students. The event was coordinated by **Prof Jaison Manjaly**.

E-MASTER'S IN ENERGY POLICY AND REGULATION

To cater to skill development as per the evolving demands of the energy sector and foster innovation, IITGN launched its first e-Master's degree programme for working professionals in **Energy Policy and Regulation** (EPR) on Sep 10, 2023. The first batch of the programme will start from January 2024. The two-year programme is designed with a flexible, executive-friendly structure to enable enrolled candidates to concurrently accommodate their work commitments.

GIAN COURSE

The Department of Humanities and Social Sciences at IITGN, under the Global Initiative of Academic Networks (GIAN) initiative, conducted a week-long course on "Imagining Mother Tongue: Language, Education, and Identity in South Asia" from Sep 24-30, 2023. The course was guided by **Prof Christina P Davis,** Western Illinois University; **Prof Chaise LaDousa**, Hamilton College; and **Prof Nishaant Choksi**, IITGN. IITGN conducted an online GIAN course on "Artificial Intelligence and Machine Learning for Materials Science" from Dec 11-15, 2023. **Prof Subramanian Sankaranarayanan**, Associate Professor, Department of Mechanical Engineering, University of Illinois Chicago, was the primary instructor. The course was attended by more than 80 participants from across the country. It was coordinated by **Prof Raghavan Ranganathan**.

COURSE ON THERMODYNAMIC REASONING

Dr Kiran C Patel Centre for Sustainable Development (KPCSD) at IITGN organised a one-day course on "Thermodynamic Reasoning in Sustainability" on Sep 9, 2023. Nearly 100 students from various institutes participated in this course, which was conducted by four faculty members of IITGN, including **Prof Ravinder R Puri**, Physics; **Prof Atul Bhargav**, Mechanical Engineering; **Prof Kaustubh Rane**, Chemical Engineering; and **Prof Rishi Narain Singh**, Earth Sciences.

CURIOSITY CONFERENCE

The Curiosity Lab of IITGN, in partnership with the Center for Curiosity, USA, hosted the 'Curiosity Conference' at IITGN on Aug 12 and 13, 2023. The two-day conference had a series of expert talks, workshops, poster presentations, and an exhibition by practising professionals to deliberate on the vital role of curiosity in improving education, learning, research, and workplace practices and its importance in driving innovation and progress across various fields. Around 200 researchers, educators, teachers, school principals, and industry professionals from around the world participated in the conference. The event was coordinated by **Prof Jaison Manjaly.**

HISTORY OF IDEAS

The Institute organised the fourth edition of the 'Seminar Series on History of Ideas' on July 15, 2023, with two interesting online talks targeting a wide range of audience. The first seminar on "String Theory: Model and Framework" was delivered by **Prof Sunil Mukhi** from IISER Pune. And the second talk delivered by **Prof Anirban Dasgupta** from IITGN discussed "Thinking Machines and Artificial Intelligence -- the birth of an idea".

SYMPOSIUM ON ALZHEIMER'S DISEASE

IITGN hosted a symposium on the "Challenges and Hope for Alzheimer's: Connecting the Dots" on Sep 23, 2023. The event, conducted in collaboration with Parul University, aimed to raise awareness about Alzheimer's Disease and other forms of dementia and bring together diverse stakeholders working in the domain of neurodegenerative diseases. More than 150 students, faculty members, doctors, and scientists attended the symposium. The event was coordinated by **Prof Sharad Gupta.**

TRAINING ON GEOSPATIAL TECHNOLOGY

The Institute organised a 15-day online training course focused on Geospatial Technology for Archaeological and Heritage Studies from Dec 7-23, 2023. This course was designed to impart a strong foundation in remote sensing and GIS, offering hands-on experience in geospatial documentation, spatial data management, proximity analysis, image processing and interpretation, terrain modelling, and more. The course was attended by 25 participants and coordinated by **Prof V N Prabhakar**.

SESSION ON ROBOTICS

IITGN hosted a captivating interactive session for young robotics enthusiasts of classes 9 to 12 on Oct 7, 2023. The session, titled "Robotics Around Us", was conducted by **Prof Harish PM**, Associate Professor, Mechanical Engineering, IITGN. Students from 15 different schools participated in this session, which was filled with energy and delight, and nurtured curiosity among the young participants.

CONTEST ON METRO FIRE SAFETY

The Centre for Safety Engineering at IITGN, in association with Fire Safe Build India (FSBI), organised a student paper presentation contest on "Metro Fire Safety'" on Dec 10, 2023. The competition saw participation by several students, who showcased their research work in the fields of design, materials, egress, regulation and codes & standards.

ICCMS 2023

IITGN hosted the 9th International Congress on Computational Mechanics and Simulations (ICCMS 2023) from Dec 20 - 22, 2023. This edition of the premier biennial conference, organised under the auspices of the Indian Association for Computational Mechanics (IndACM), revolved around 14 thematic areas. More than 140 delegates, with backgrounds in civil engineering, mechanical engineering, aerospace engineering, materials engineering/ science, physics, mathematics and allied areas, from India and abroad attended the conference. The event was coordinated by **Profs Amit Prashant**, **Ravi Sastri Ayyagari,** and **Gaurav Srivastava.**

HSS SYMPOSIUM

The Department of Humanities and Social Sciences organised a one-day symposium on 'Global Modernities and Modernisms in Art, Philosophy and Literature' on Nov 20, 2023. The two keynote speakers, **Prof Brinda Bose** from Jawaharlal Nehru University and **Prof Ashish Avikunthak** from University of Rhode Island, positioned discourses around Indian art practices in the dynamic rubric of modernities and modernisms. Plenary speakers **Prof Angus McBlane** and **Prof Sharmita Lahiri** from HSS, IITGN, opened instances from Indian philosophy and literature to the question of modernity. The opening and closing remarks of the symposium were delivered by **Prof Arka Chattopadhyay.**

UNDERGRADUATE RESEARCH SHOWCASE

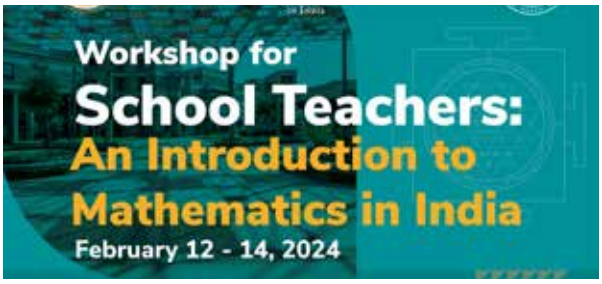
The Institute organised an Undergraduate Research Showcase on Nov 22, 2023. During the event, around 75 undergraduate students from various disciplines showcased their research in the form of posters, covering a wide range of interesting topics.

SCIENCE CAMP FOR 91 GIRL STUDENTS

IITGN organised a two-day residential science camp for 91 girl students from Jawahar Navodaya Vidyalayas (JNVs) of Gujarat region on Jan 8-9, 2024. This programme was organised as part of the DST-Vigyan Jyoti Initiative. It aimed to provide these students with an opportunity to go beyond the limits of school, develop their experimental, critical thinking, and problem-solving skills, and inspire them to pursue their curiosity and creativity in science.

ART AND COGNITION CONFLUENCE 2024

The Curiosity Lab at IITGN, in collaboration with the Cognitive Science Society, Art@IITGN, and the departments of Cognitive and Brain Sciences and Humanities and Social Sciences, organised the 'Art and Cognition Confluence 2024' on Feb 10-11, 2024. The two-day residency brought together a unique blend of artists and researchers from India and abroad for a series of immersive expert talks. This confluence was coordinated by **Prof Jaison Manjaly** and **Prof Argha Manna**.



WORKSHOP ON INTRODUCTION TO MATHEMATICS IN INDIA

IITGN organised a workshop for school teachers titled 'An Introduction to Mathematics in India' on Feb 12-14, 2024. The workshop was sponsored by the History of Mathematics in India Project, IITGN and co-sponsored by the Indian Knowledge Systems division of the Ministry of Education, Government of India. The workshop was attended by over 100 teachers from Gujarat and Maharashtra. The participants engaged in diverse mathematical hands-on activities and the workshop featured sessions by eminent experts from India and abroad.

SEMINAR BY PROF PADMANABHAN BALARAM

On Mar 6, 2024, the department of Biological Sciences and Engineering organised a captivating seminar on 'Reflections on Chemistry and Biology in the Aftermath of the Coronavirus Pandemic' by **Prof Padmanabhan Balaram**, Chair Professor at the National Center for Biological Sciences, Bangalore. Prof Padmanabhan has contributed extensively to the areas of molecular biophysics and chemical biology in a career spanning over five decades.

MATHEMATICS TEACHER ORIENTATION CAMP

IITGN together with Homi Bhabha Centre for Science Education, TIFR, Mumbai, hosted a Mathematics Teachers Orientation Camp (MTOC) on Mar 11-15, 2024. Teachers teaching classes VIII to XII from Gujarat, Maharashtra, Madhya Pradesh, Rajasthan, Goa, Daman & Diu, Dadra & Nagar Haveli attended the event and learnt about the theory and problem solving based on the Mathematical Olympiad syllabus from experts.

WORKSHOP ON FOSTERING STUDENT ENGAGEMENT

A half-day workshop on fostering student engagement and learning to create learner-centric massive open online courses (MOOCs) was held at IITGN on Mar 16, 2024. It was conducted by **Prof Sameer Sahasrabudhe**, Professor of Practice, Design. This workshop was organised by the Commissionerate of Technical Education (CTE), Gujarat and was attended by 104 faculty members.

WORKSHOPS

- Communicating in times of technology, **Devapreeta Jena,** associate, Writing Studio, IITGN, Apr 1, 2023
- Enhance your research with scopus & mendeley by **Dr Shubhra Dutta**, Solutions Consultant, Elsevier, Apr 11, 2023
- Testing aspects of general relativityII, co-organised by **Prof Arpan Bhattacharyya**, IITGN together with IIIT Allahabad and the University of Lethbridge, Canada (ULeth), Apr 11-13, 2023
- Verses, A workshop on poetry, **Nivid Desai**, teaching associate, IITGN, Apr 13, 2023
- Predatory publishing: How to spot and avoid, **Dr T S Kumbar**, Advisor, Library & Institute Archives, IITGN, Apr 13,2023
- Web of science & Endnote: Taking your research to a next level by **Vishav Sharma**, senior customer success manager, Scientific Research Division, Clarivate Analytics, Apr 17, 2023
- Explosion and their characteristics by the Centre for Safety Engineering, by **Prof Gaurav Srivastava**, July 13-14, 2023
- SciFindern' for scientific & academic research by **Mr Sangram Gokhale**, Account manager and an expert trainer from ACS India, Aug 23, 2023
- Effective use of 'Web of Science' & 'EndNote' by **Mr Vishav Sharma**, Senior customer success manager, Clarivate, Sep 11, 2023
- Adivasi identity, culture and traditional knowledge, coordinated by **Prof Ashish Xaxa**, IITGN, in collaboration with Azim Premji Foundation, on Nov 3, 2023
- Fun with Sustainable Development Goals (SDGs): **Children's Day 2023** by Library IITGN and KPCSD, Nov 26, 2023
- Metro fire safety and egress, coordinated by **Prof Gaurav Srivastava** and Fire Engineering Research Laboratory (FERL), IITGN, Nov 27, 2023
- Fun with words and visuals by **Library IITGN**, Jan 7, 2024.
- Hands-on CNC milling workshop by **Department of Mechanical Engineering**, Feb 24, 2024.
- The colourful creations: bookmark making workshop and competition by **Library IITGN**, Feb 25, 2024
- CNC wood crafting workshop by **Department of Mechanical Engineering**, Mar 2, 2024.
- Metal casting- Lost wax technology in Archaeology by **Archaeological Sciences Centre**, Mar 2-3, 2024.
- Current trends in active matter physics 2024 by **Laboratory of Soft and Living Materials**, Mar 7, 2024

BOOK LAUNCH

BOOK RELEASE- ECOLOGICAL ENTANGLEMENTS

Ahead of World Earth Day, IITGN released a book 'Ecological Entanglements: Affect, Embodiment and Ethics of Care' on Apr 13, 2023. The book, edited by **Profs Ambika Aiyadurai, Arka Chattopadhyay, and Nishaant Choksi**, faculty members of Humanities and Social Sciences at IITGN, was released by **Prof Rajat Moona**, Director, IITGN. Published by Orient BlackSwan, the book calls for new ways to apprehend the ecological crisis by formulating a framework that integrates social, material, and cultural dimensions of ecology.

MORE THAN JUST FOOTNOTES

On Aug 29, 2023, IITGN hosted an event to launch the book titled - "More Than Just Footnotes: Field assistants in Wildlife Research and Conservation – Some Stories from Arunachal Pradesh". Dr Asad Rahmani, former director of the Bombay Natural History Society (BNHS) and Chief Guest of the event, launched the book along with the co-editors of the book, **Prof Ambika Aiyadurai**, assistant Professor, Humanities and Social Sciences, IITGN, and **Ms Mamata Pandya**, Writer and Educator.

LEADERSHIP TRANSITION FOR ENGINEERS'

A book launch ceremony for the book 'Leadership Transition for Engineers' authored by **Prof Rajeev Ranjan Sharma**, Adjunct Professor of Strategic Leadership at IITGN, was held on Feb 9, 2024 at IITGN. The chief guest for the occasion was **Prof Rajat Moona**, Director, IITGN, who launched the book. The event also saw the author share some valuable insights about the book.

DISTINGUISHED VISITORS

- Tokyo Governor **Ms Koike Yuriko**, along with a delegation of officials from Japan, July 8, 2023.
- **Prof Tim White**, Nanyang Technological University, Singapore Vice President (International Engagement), July 14, 2023.
- **Shri Dharmendra Pradhan**, Union Minister of Education and Skills Development & Entrepreneurship, July 16, 2023 and Nov 6, 2023.
- **Mr Lawrence Wong**, Deputy Prime Minister and Minister for Finance, Singapore, July 16, 2023.
- Padma Bhushan-awardee **Prof Ashoke Sen**, a distinguished theoretical physicist, Sep 29, 2023.
- A delegation from the Tokyo Metropolitan University (TMU) visited IITGN on Oct 17, 2023.
- A special delegation with 21 delegates from Osaka, Japan, Oct 18, 2023.
- **Prof Iain Martin**, Vice Chancellor, Deakin University, Nov 6, 2023.
- **Hon. Jason Clare MP**, Minister for Education, Government of Australia, Nov 6, 2023

INVITED LECTURES

- Christian medical missions in North East India by **Prof David R Syiemlieh**, Former Professor of History, NEHU, former Chairman, UPSC, former Vice Chancellor, Rajiv Gandhi University, Arunachal Pradesh, and Former Chairman, ICSSR-NERC, Apr 5, 2023.
- Density-wave ordering in a unitary fermi gas with photon-mediated Interactions by **Dr Farokh Mivehvar**, Lise-Meitner Research Fellow and a FWF-ANR Principal Investigator Institute for Theoretical Physics, University of Innsbruck, Austria, Apr 5, 2023.
- Where do numbers come from? by **Prof Rafael Núñez**, Professor, Cognitive Sciences, University of California, San Diego, Apr 5, 2023.
- Let's share the joy of reading! by **Sri Sathyanarayanan Mundayoor**, Scholar-in- Residence, IITGN, April 6, 2024.
- Structured representations for a flexible cognition by **Dr Apoorva Bhandari**, assistant professor of Cognitive, Linguistic & Psychological Sciences, Brown University, Apr 10, 2023.
- What is academic integrity and why does it matter? by **Dr Maria João Amante**, Scholar-in-Residence; program advisor, Certification in scientific writing programme, IITGN, Apr 10, 2023.
- Queer abuse, corporeality and care in carmen machados in the dream house angel by **Maria Varghese**, Sabarmati Research Fellow, IITGN, Apr 14, 2023.
- Modern strategies to expand the time and size scales of molecular simulations and applications to energetic materials by **Dr Prabhat Prakash**, Research associate, Caltech, Apr 18, 2023.
- The depth of the rot: caste planning in Institutions of higher learning by **Prof N Sukumar**, professor, Political Science, Delhi University, Apr 19, 2023.
- The science of sight by **Dr Padmaja Krishnan**, Emeritus professor, MES Medical College, Perinthalmanna, Apr 19, 2023.
- The human body: An engineering marvel by **Dr R Krishnan**, former professor and head of the department, General Medicine, Calicut Medical College, Apr 19, 2023.
- The craft of crime fiction by **Nev March**, Author, Apr 19, 2023.
- O**n sanskrit vitality and role**: Some reflections by megh kalyanasundaram, director of special projects at INDICA, Apr 20, 2023.
- Energy security face to climate change: Between "Autocentrism deadlock" and "Global fairness" by **Prof Edgard Gnansounou**, scholar-in-residence, Electrical Engineering, IITGN, Apr 20, 2023.
- Science communication for lay publics by **Dr Vasco Matos Trigo,** journalist, Apr 21, 2023.
- Iwasawa theory and arithmetic statistics by **Debanajan Kundu**, visiting researcher, Fields Institute, Canada, Apr 24, 2023.
- Cheetahs in kuno: Making of environmental subjectivities by **Prof Asmita Kabra**, Professor, School of Human Ecology, Dr B R Ambedkar University, Delhi, Apr 24, 2023.
- Explicit transformations for generalized lambert series associated with the divisor function $\sigma_{a}^{(N)}(n)$ and their applications by **Shivajee**, research scholar, Mathematics, IITGN, Apr 26, 2023.
- Fluorescence with supramolecular assemblies and plasmonic substrates by **Dr Sharmistha Dutta Choudhury**, scientist, radiation & photochemistry Division, BARC, Apr 28, 2023.
- Megalithic stone alignments and their possible connections with astronomy by **Dr Srikumar M Menon**, associate professor, School of Humanities, National Institute of Advanced Studies, Bangalore, May 6, 2023.
- Machine learning for quantum technologies by **Prof Florian Marquardt**, Director, Max Planck Institute for the Science of Light in Erlangen, Germany, May 9, 2023.
- Nonlinear dynamics of landscape evolution: From regularity to self-similarity by **Dr Shashank K Anand**, HMEI-STEP Fellow, Princeton University, May 16, 2023.
- An inside-the-box research story by **Prof Manish Kumar**, associate professor, Civil Engineering, IITGN, May 18, 2023.
- Role of technology and instrumentation in air quality management in India by **Ms Swagata Dey**, project manager - Air quality, environmental defense fund, May 25, 2023.
- Roots of the harappan civilization by **Dr R S Bisht**, guest professor, IITGN, May 27, 2023.
- Can we cure cancer? our efforts by **Prof Sivapriya Kirubakaran**, Kankuben Bakshirambhai Gelot Chair Associate Professor, Chemistry, IITGN, Jun 12, 2023.
- Kunz-Waldi constructions of numerical semigroups and possible extensions by **Prof Hema Srinivasan**, professor, Department of Mathematics, University of Missouri, USA, Jun 15, 2023.
- The urban experience: physical and sensorial representations of the city in early india by **Prof Shonaleeka Kaul**, Professor, Centre for Historical Studies, Jawaharlal Nehru University, Jun 24, 2023.
- AI-enabled technology in balance rehabilitation by **Prof Uttama Lahiri,** professor, Electrical Engineering, IITGN, Jun 26, 2023.
- Precision manufacturing of advanced materials driven by atomic scale characterisation by **Dr Prashant Kumar**, post-doctoral researcher, University of Michigan, Jul 3, 2023.
- Geopolitics is now back with a vengeance by **Atul Singh**, founder; editor-in-chief, Fair Observer, and **Manu Sharma**, contributing editor, Fair Observer, Jul 7, 2023.
- Electron microscopy of battery materials: crystallographic ambiguities and experimental challenges by **Dr Alpesh Shukla**, project scientist, Lawrence Berkeley National Laboratory, Jul 10, 2023.
- WiscSort: external sorting for byte-addressable storage by **Dr Yuvraj Patel,** assistant professor, Computer Science, University of Edinburgh, Jul 18, 2023.
- Climate change impacts in the arctic ocean: assessment using key trace elements and isotopes by **Prof Mark Baskaran,** professor & chair, Department of Environmental
- Science and Geology, Wayne State University, July 21, 2023.
- Developing adaptive support for collaborative learning through the use of learning analytics by **Prof Jennifer K Olsen**, assistant professor, Computer Science, University of San Diego, July 26, 2023.
- Quests & conquests: gravitational wave science by **Prof Tarun Souradeep**, director, Raman Research Institute, Bengaluru, July 27, 2023.
- Ajanta caves: Understanding their chronology by **Prof Y S Alone**, professor, School of Arts and Aesthetics, Jawaharlal Nehru University, July 29, 2023.
- Aadhaar initiatives and the technology impact on the nation – touching lives with digital transformation by **Ms Annie Joyce**, deputy director general, Unique Identification Authority of India (UIDAI), Aug 1, 2023.
- Adaptive and interactive emotionally intelligent machines by **Dr Jainendra Shukla**, assistant professor, IIIT Delhi, Aug 4, 2023.
- Archaeology of the now: Delhi's partition resettlement colonies by **Dr Erin P Riggs**, assistant professor, Department of Anthropology, University of Illinois Urbana-Champaign, Aug 5, 2023.
- Evolving and scaling OS synchronization primitives by **Dr Sanidhya Kashyap**, assistant Professor, EPFL, Aug 7, 2023.
- Evaluating fault-tolerant schemes for noisy hardware by **Dr Pavithran Iyer,** senior scientist, Xanadu Quantum Technologies Canada, Aug 7, 2023.
- Hecke triangle groups and dessin d'enfant by **Devendra Tiwari**, postdoctoral fellow, Bhaskaracharya Pratishthana, Pune, Aug 10, 2023.
- Delta geometric approach to crystalline cohomology by **Dr Sudip Pandit**, Research Scholar, IITGN, Aug 14, 2023.
- Motion analysis out of the lab: kinematics and kinetics estimation with wearable sensors by **Prof Kamiar Aminian**, Professor, Institute of Bioengineering and Director, Laboratory of Movement Analysis and Measurement, EPFL, Aug 17, 2023.
- Gynaecological wellbeing by **Dr Vandana Sinha**, fellow in gynec-Onco & gynec endoscopy, Apollo Hospitals Gandhinagar, Ahmedabad, Aug 18, 2023.
- Drilling drowned reefs offshore hawaii by **Prof Pankaj Khanna,** assistant professor, Earth Sciences, Aug 22, 2023.
- Many encounters: cinema and the absence of history by **Dr Parichay Patra**, assistant professor, School of Liberal Arts, IIT Jodhpur, Aug 23, 2023.
- Spectral dimension of p-adic integers by **Dr Surajit Biswas**, IITGN, Aug 24, 2023.
- U_A(1) restoration and the properties of eigenvalues of 2+1 flavor QCD dirac operator by **Ravi Shanker**, PhD Student, Institute of Mathematical Sciences, Chennai, Aug 25, 2023.
- Computational modeling of a few homogeneous and heterogeneous catalytic R reactions by **Prof Swapan K Pati**, professor, JNCASR Bangalore, Aug 25, 2023.
- Viewing ceramic thin-sections: methods and prospects by **Prof K Krishnan**, emeritus professor, Maharaja Sayajirao University, Vadodara, Aug 26, 2023.
- 'Poverty, vulnerability, & climate change: competing narratives of suffering and

the excuses of the powerful' by **Prof Terry Cannon**, professor emeritus, Rural futures cluster and climate change adaptation specialist, Institute of Development Studies, University of Sussex, Aug 28, 2023.
- From ocean science to sustainable blue economy by **Dr Shailesh Nayak**, director, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru, Aug 29, 2023.
- Functional dynamic biomedical tomographic imaging: Fluorescence-photoacoustic pharmacokinetic tomography by **Prof Naren Naik**, Department of Electrical Engineering and the Center of Lasers and Photonics, IIT Kanpur, Aug 31, 2023.
- The quest for modern Assam: 1942-2000 by **Prof Arupjyoti Saikia**, professor of History, IIT Guwahati, Sep 1, 2023.
- Art of concentration in the age of distraction by **Amogh Lila Das,** Spiritual motivational speaker, Sep 1, 2023.
- Caste knowledge and power: Ways of knowing in 20th century malabar by **Prof KN Sunandan**, associate professor, School of Arts and Sciences, Azim Premji University, Sep 4, 2023.
- Masking it all up: two soft matter solutions for the COVID-19 pandemic by **Prof Mahesh M Bandi,** Professor, Okinawa Institute of Science and Technology, Sep 4, 2023.
- Soap spreading on water -- A superficial relationship by **Prof Mahesh M Bandi**, Professor, Okinawa Institute of Science and Technology, Sep 4, 2023.
- Stiffness of the human foot and evolution of the transverse arch by **Prof Mahesh M Bandi**, Professor, Okinawa Institute of Science and Technology, Sep 5, 2023.
- The arrival-time problem in quantum mechanics from a de broglie-bohm perspective by **Siddhant Das**, PhD Student, LMU Munich, Sep 5, 2023.
- Online evaluation of microstructural parameters from diffraction patterns using the CMWP method by **Dr Gabor Ribarik**, visiting faculty, IITGN, Sep 8, 2023.
- The plan that fell through – crown colony for the hills of North East India: concept to collapse: 1941–1946 by **Prof David Syiemlieh**, eminent historian, former professor at North Eastern Hill University, Meghalaya, Sep 8, 2023.
- Achievements of science and technology in recent times by **Prof Shekhar C Mande**, Distinguished Honorary Professor, Sep 11, 2023.
- Cellular A^1-homology of smooth algebraic varieties by **Anand Sawant,** TIFR Bombay, Sep 11, 2023.
- Modeling vibro-impacting motions in mechanical systems by **Prof Chandrika Prakash Vysarayani**, associate professor, department of mechanical and aerospace Engineering, IIT Hyderabad, Sep 14, 2023.
- Corporate crimes by **Ameer Shahul,** author, environmentalist, and former journalist, Sep 21, 2023.
- What is political theology? secularism, modernity, and the question of religion by **Prof Saitya Brata Das**, associate professor, School of Language Literature and Culture Studies, JNU, Sep 27, 2023.
- The tradition of loving the prophet by **Dr Safwan Amir**, assistant professor, School of Arts and Sciences, Ahmedabad University, Sep 28, 2023.
- Between the lines: syphilis and capsicum in lexicographical sources by **Prof Walter Hakala** from SUNY, Buffalo, Sep 29, 2023.
- Cube sum problem by **Somnath Jha,** IIT Kanpur, Sep 29, 2023.
- Contemporary development discourse in North-East India and the indigenous communities by **Prof Chandan Sharma**, Professor of Sociology, Tezpur University, Oct 6, 2023.
- Legend, lore, and history: Making sense of India's many past by **Dr Manu S Pillai**, historian and writer, Oct 11, 2023.
- Why is ethnicity grouping universal, powerful, and persistent: Insights from neurodevelopment by **Prof Vinod Goel**, York University, Canada, Oct 16, 2023.
- Discourses on hindu modernity produced by scholars of dharma sastra by **Dr Rahul Sarwate**, assistant professor, Ahmedabad University, on Oct 18, 2023.
- The oppositional bahujan gaze & agency by **Jyoti Nisha**, writer, filmmaker, cultural critic, Oct 19, 2023.
- Heat shock proteins and cancer: Lessons from drosophila model by **Prof S C Lakhotia,** lifetime BHU distinguished professor and SERB distinguished fellow, Department of Zoology, Banaras Hindu University, Oct 26, 2023.
- Tech-driven financial inclusion: A path to empowerment - journey from ATM to AI by **Mr Ravi Shankar,** Co-founder & CEO of Active.ai, Nov 9, 2023.
- Safeguarding the survival future of the whale shark: A marine megafauna along the West Coast of India by **Prof B C Choudhury**, wildlife biologist, Nov 22, 2023.
- Dr Malavika Subramanyam memorial lecture by **Dr Nandita Bhan,** Professor, Jindal School of Public Health, OP Jindal Global University, Nov 23, 2023.
- Deciphering the role of oncofusion proteins in acute myeloid leukemia by **Dr Amit Mandoli**, assistant professor, National Institute of Pharmaceutical Education and Research (NIPER) - Ahmedabad, Jan 4, 2024.
- Building for a billion: India's journey in digital transformation by **Dr Pramod Varma**, Chief Architect of Aadhaar, Jan 5, 2024.
- Experimental realization of attosecond pulses for probing electron dynamics in matter' by **Prof Rupak Banerjee**, associate professor, Physics, Jan 6, 2024.
- Quantum dots: A fascinating world of tiny materials whose properties are determined by their size' by **Prof Saumyakanti Khatua**, associate professor, Chemistry, Jan 6, 2024.
- Novel process concepts and computational tools for pharmaceutical crystallization by **Prof Lakerveld**, associate professor, Department of Chemical and Biological Engineering (CBE), Hong Kong University of Science and Technology (HKUST), Jan 10, 2024.
- Role of robotics in advancing space exploration by **Dr Shreya Santra**, assistant professor, Department of Aerospace Engineering, Tohoku University, Japan, Jan 11, 2024.
- The 2023 nobel prize in physiology or medicine by **Prof Dhiraj Bhatia**, associate professor, Biological Engineering, Jan 20, 2024.
- Women incarcerated: snippets of a dialogue by **Prof Mahuya Bandyopadhyay**, professor of Sociology, IIT Delhi, Jan 22, 2024.
- Hochschild-serre cohomology and deformation of hilbert schemes of points on surfaces by **Prof Lie Fu** from Université de Strasbourg, IRMA, France, Jan 22, 2024.
- States, tribe and development in India: paradoxes and trajectories by **Prof Virginius Xaxa,** Jan 24, 2024.
- Settlement pattern and hierarchy of ancient varanasi by **Prof Vidula Jayaswal**, former professor and head, Dept of Ancient Indian History, Culture and Archaeology, Jan 27, 2024.
- Nobel peace prize 2023: A glimpse into the courage of Narges Mohammadi by **Prof K Chelvakumar**, visiting professor, department of Mechanical Engineering, Jan 27, 2024.
- Satellites helping track climatic changes by **Prof Dr Ramakrishna Nemani**, retired NASA Earth Scientist, Jan 29, 2024.
- Building digital twins of In situ dynamic behaviour experiments of structural materials by **Prof Avinash Dongare**, University of Connecticut, USA, Feb 1, 2024.
- Combining experiments and simulations to probe properties of crystalline and amorphous pharmaceuticals by **Prof Frederic Affouard**, Professor, Université de Lille, Feb 1, 2024.
- Cancer prevention and early diagnosis among women by **Dr Riddhi Shah,** Zydus Hospital, Feb 4, 2024.
- The nobel laureate 'detective' Claudia Goldin and her role in bringing women into the economic discourse by **Prof Deepak Singhania**, assistant professor, HSS, Feb 10, 2024.
- Jon fosse and the afterlife of modernism by **Prof Arka Chattopadhyay**, assistant professor, HSS, Feb 10, 2024.
- Democratic dominance and marginalised communities: Unpacking tribal politics in India by **Prof Jagannath Ambagudia**, professor and deputy director, Tata Institute of Social Sciences, Guwahati, Feb 12, 2024.
- Towards net zero emissions in cities: closing gaps in knowledge and action by **Prof Mina Pathak**, associate professor, Global Centre for Environment and Energy, Ahmedabad University, Feb 15, 2024.
- IL-15: A potential biologics for improved T cell generation and immunotherapy of cancer by **Prof Sarat K Dalai**, Institute of Science, Nirma University, Feb 15.
- Nomadism and the modern state: community, subjectivity and governmentality in Hyderabad state by **Prof Bhangya Bhukya**, professor and former head of department of history, University of Hyderabad, Feb 19, 2024.
- Ask me anything session by **Prof Atul Singh**, CEO and editor-in-chief of Fair Observer, Feb 22, 2024.
- ArchaoeBroma: The comprehensive study of food using archaeology by **Dr Kurush Dalal**, director of the INSTUCEN School of Archaeology, Feb 24, 2024.
- Satellites helping track climatic changes by **Dr Ramakrishna Nemani**, retired NASA Earth Scientist, Feb 29, 2024.
- On the moral contagion: A conversation with Sarnath Banerjee by **Sarnath Banerjee**, graphic novelist, Mar 21, 2024.
- Unicorn seal production in the Indus Civilization: A comparative study of style, skill, and standardization by **Dr Gregg Jamison**, associate professor of Anthropology, College of General Studies, University of Wisconsin-Milwaukee, Mar 23, 2024.

LABORATORIES AND FACILITIES

ARCHAEOLOGICAL SCIENCES LAB

The Archaeological Science Lab has facilities for examining archaeological artefacts. A Ceramic Petrology Lab along with a sample preparation unit is also available in the above facility. The thin section preparation machine viz., DiscoplanTS (cutter and grinder) and Labopol-30 (polisher) have been fully functional at ASC. The prepared thin sections/ micro-samples can be studied using a polarising microscope (Leica DM-4) and stereo-microscope in the Petrography Lab. In addition, the archaeological research takes extensive help from the equipment such as XRD, XRF, FTIR and SEM that are available in the Central Instrumentation Facility (CIF). The chemical analysis can also be performed using Q-ICPMS and ICP-OES under CIF. The ASC also collaborates with faculty from other disciplines, and related equipment like Ground Penetrating Radar (GPR), laser scanners, and metallurgical microscopes are used in various archaeological researches.

BIOLOGICAL SCIENCES AND ENGINEERING

Research interests of Faculty members and Researchers associated with Biological Sciences and Engineering include fundamentals of cell and molecular biology, biochemistry, Peptide Engineering, Proteomics, Neuroscience, DNA nanotechnology, Biomedical Imaging, computational biology, plant developmental biology, allograft therapy and biomaterials and Structural Biology, Biomaterials, Drug Delivery and Cancer Biology. A brief overview of the Laboratory facilities is provided below:

MOLECULAR BIOLOGY LABORATORY (MoBiL) is home to various research activities in biochemistry, molecular biology and cell biology. This laboratory is equipped with shaker incubators, laminar flow hood, sonicator, refrigerated centrifuges, gradient thermocycler, gel documentation system, water purifiers, ultralow and low-temperature freezers, real-time thermocycler, nano-drop UV-vis spectrophotometer, Spectrofluorimeter, multimode microplate readers and fast protein liquid chromatography (FPLC) system with various columns.

CELL CULTURE FACILITIES (CCF) has three cell culture laboratories equipped with biosafety cabinets, CO_2 incubators, centrifuges, an automated cell counter, sonicator, liquid nitrogen cryopreservers, inverted epifluorescence microscope and a multimode microplate reader with alphascreen assay capabilities for high throughput assay applications.

C ELEGANS FACILITY is a BSL-1 facility which is equipped with bio-safety cabinet, laminar airflow, CO2 incubator, freezers, thermo-mixer, autoclave, refrigerated shakers and centrifuges, liquid nitrogen tank, microinjection scope, fluorescent stereo-zoom microscope and basic stereo-microscopes.

MACROMOLECULAR AND CHEMICAL CRYSTALLOGRAPHY LABORATORY hosts a variety of temperature-controlled incubators for crystal growth and a stereomicroscope for screening of the crystalline preparations.

PEPTIDE ENGINEERING AND PROTEOMICS (PEPr) FACILITY has various instrumentations for synthesis, characterization and analysis of peptides. These include fume hoods, manual peptide synthesis setups, semiautomated peptide synthesizer, freeze dryer, analytical / preparative HPLC, microplate reader, centrifuges, ultracentrifuge, Nanoparticle tracking analyzer, ultra microbalance, refrigerators and freezers. In addition we also host MatrixAssisted Laser Desorption IonisationTime of Flight Mass Spectrometer (MALDI TOF/TOF MS) equipped with software for full mass characterization, sequencing, PTM identification, comparative proteomics and polymer analysis and associated proteomics workflow instruments such as vacuum concentrator, 2D-gel electrophoresis setup, sonicator, centrifuge, etc. We have also recently received support from DST-FIST program to procure Ion Mobility based high resolution Mass Spectrometer for proteomics, metabolomics and lipidomics workflows.

CLOCK LAB- The computational biology lab hosts a high performance computing rack server with 64 cores, 512 GB RAM, NVIDIA A100 80 GB GPU and 20 TB Data Tier with containerized platform. Apart from this there is a high end workstation with 48 cores, 128 GB RAM, NVIDIA RTX A5000 GOU and 16TB Data Tier. The lab also has five GPU workstations and one desktop system for students to work on simulations and data analysis. For data backup and storage, a NAS has been installed with a total capacity of 60 TB.

MEDICAL ULTRASOUND ENGINEERING (MUSE) LAB is equipped with instrumentation dedicated for innovating in tissue characterization and elasticity imaging, molecular and contrast enhanced imaging, ultrasound-mediated therapy, acoustic metrology and sensing, and tissue-mimicking phantoms for imaging and therapy. The facility has a programmable research ultrasound imaging system and equipment for generating and sensing ultrasound fields ranging from 1 to 35 MHz, which include an ultrasound beam mapping and calibration system, ultrasound transducers, hydrophones, pulser-receivers, arbitrary waveform generators, digital and mixed signal oscilloscopes, and power amplifiers.

STEM CELLS AND TISSUE ENGINEERING LAB has BSL1+ facilities to handle mesenchymal stem cells and primary cell culture including tissues. The lab includes a cell culture lab which has two biosafety cabinets, CO_2 incubators including hypoxia chamber. The sample preparation room also hosts a PCR, a small microscope, and gel apparatus. In parallel, we also have chemical fume hoods and facilities for the synthesis and characterization of various nanomaterials like quantum dots, 2D and 3D nanomaterials from biological sources.

PLANT MOLECULAR AND DEVELOPMENTAL CELL BIOLOGY LABORATORY, is interested in understanding the cellular signalling events essential for successful pollination. The laboratory facilities include PCR machines, shaker incubators, laminar flow hoods, electrophoresis units, UV transilluminator, micro- and mini-centrifuges, pH meter, heat blocks, dissection microscopes, epifluorescent microscope, plant growth chambers etc.

BIOMATERIALS AND DRUG DELIVERY LABORATORY hosts the instruments helpful in the synthesis of materials, preparation of novel drug delivery platforms, biomaterials, characterizations, anti-bacterial, and mammalian cell culture. These include shaker incubators, laminar flow hoods, CO2 incubators, centrifuges, pH meter, heat blocks, microscopes, etc.

DNA SEQUENCING AND ANALYSIS FACILITY: This facility is equipped with a MinION DNA sequencer from Oxford Nanopore Technology. This platform is capable of generating long reads and is being used for genomic and epigenomic analyses.

In addition, the following equipment from Central Instrumentation Facilities are available for research projects relevant to Biological Sciences and Engineering.

FLOW CYTOMETER CELL SORTER: The BD FACSAria Fusion flow cytometer high-end cell sorter provides a powerful and sensitive means for monitoring different populations of biomolecules and cells within immensely heterogeneous mixtures. The instrument uses three solid-state lasers for simultaneous measurement of 11 parameters (13 including forward and side scatter). The instrument is capable of performing routine applications including cell cycle analysis, cell viability assay and immunophenotyping as well as high-end applications such as cell sorting and membrane potential measurements.

BIO-ATOMIC FORCE MICROSCOPE: Bruker Nanowizard Sense AFM is coupled to Leica epifluorescence microscope with all four color imaging and can perform phase imaging, contact imaging, force mapping, and all the other related modules for a complete single-molecule imaging setup. Bio-

AFM is useful for solution-based imaging in which membranes, cells etc can be imaged simultaneously in fluorescence and AFM mode.

CHEMICAL ENGINEERING

Chemical Engineering at IIT Gandhinagar is a diverse field that encompasses both traditional chemical engineering and emerging areas such as nanotechnology, bioengineering, soft matter science, advanced materials, computational chemical engineering, pharmaceutical engineering, and environmental engineering and sustainability. The discipline offers BTech, MTech, and PhD programs and conducts multiple research projects funded by various agencies, including industries. Chemical Engineering has dedicated undergraduate laboratories, and most of the undergraduate students also have access to research labs to work on research projects. Students of the discipline have access to various simulation tools, including ANSYS, STAR-CCM, AspenTech Suite, and MATLAB. Furthermore, the discipline is equipped with the research laboratories that are actively involved in different research areas in both undergraduate and graduate programs.

The department has also procured some major equipments like: FTIR Spectrometer with ATR and accessories (Make: Bruker, Model: Invenio-S FTIR with confo check and accessories for protein analysis); Gel Permeation Chromatography System (GPC), (Make: Waters, Model: Waters 1500 Series HPLC Pumps); Biovia Materials Studio Software, (Make: Dassault Systems); Tubular Reactor System, (Make: Amar Equipment).

COLLOIDAL ENGINEERING LABORATORY: The laboratory is involved in active research in nanoparticle synthesis, crystallisation, drug polymorphism, and microbubble engineering for pharmaceutical and biomedical applications. The lab has a probe sonicator (Sonics VC 505), a particle size analyser (Beckman Coulter LS 13320) for measurement of particle sizes in the range of 40 nm - 2 micron and particle sizing systems (PSSS) zeta analyser (NICOMP380 ZLS) for estimation of zeta potential of aqueous suspensions of nanoparticles, Martin Christ freeze dryer (Alpha 1-4 LD plus and Alpha 2-4 LSC, Martin Christ, Germany) high-pressure vessel (operating conditions: 200 bar, and 100o C), particle size analyzer (PSS NICOMP Accusizer 780 AD), optical microscope (NIKON TS 100F), high-speed camera (Photron Europe, Model: IIT Gandhinagar 67 FASTCAM Mini), in- situ Raman probe (Kaiser USA, Model: RXN-1 785), solution calorimeter (Paar USA, Model: 6755EE), water bath, glass jacketed reactor, clean bench cabinet, computer workstation, etc.

SOFT MATTER SCIENCE AND ENGINEERING LABORATORY: The lab carries out experimental research in stress and strain-controlled rotational rheometer, optical microscope, instruments for colloidal characterisation. The equipments in the lab are; rheometer, optical microscope, tensiometer, refrigerated and heated circulatory bath (Model: IC301-K3), DLS and Zeta potential measurement instrument (Brookhaven), refrigerated tabletop centrifuge, a computer workstation with servo stabilizer.

DRY PROCESS TECHNOLOGY (DRYPROTECH) LABORATORY: The laboratory works on fine particles and powder materials. The state-of-the-art DryProTech Lab has several sophisticated instruments such as surface energy analyser (inverted gas chromatography), simultaneous TGDSC from Netzsch, FT4 powder rheometer (Freeman Technology), laser diffraction particle size analyser (CILAS) for characterisation in dry and wet mode. In addition, the lab is equipped with V-blender and cone-mill (Prism Pharma), humidity- controlled glove box and Faraday cup with electrostatic charge measurement facility, planetary ball mills, furnace chamber, tube furnaces, catalytic reactor to study the performance of catalyst powders, etc. The Lab also includes a skid-mounted fabricated CO2 capture set up which can handle a few grams of samples for CO2 sorption study.

FIRE RESEARCH LABORATORY: The laboratory is exploring new technology for fire suppression and fireretardant materials using various new materials. The Laboratory has a cone calorimeter (FFT, UK; Model: iCone mini), which is considered the most significant bench-scale instrument in fire testing. This apparatus has been adopted by the International Organisation for Standardisation (ISO 5660- 1) for measuring heat release rate (HRR) of materials under incident heat flux. The specimen can be exposed to a maximum of 100 kW/m2 heat flux. This device analyses the combustion gases and measures the smoke produced from the test specimen along with its time to ignition and massloss rate. The data collected from this bench-scale test can be used for fire modelling, prediction of real-scale fire behaviour, pass/fail tests etc.

POLYMER ENGINEERING RESEARCH LAB (PERL): The laboratory is involved in both experimental and computational work in the areas of self-oscillating chemical reactions, shape memory polymers, smart soft materials, polymer processing, polymer gels and composites and pattern formation. The laboratory is equipped with computational facilities including state-of-the-art workstations and access to high performance clusters. The experimental facilities include lyophilizer (Martin Christ, Alpha 2-4 LSC Basic)

for freeze-drying, centrifuge, refrigerated and heated circulating cooling bath (IC 301- K3), bath sonicator, magnetic stirrer (with temperature sensor), vacuum pump, clean bench cabinet etc. We are in the process of procuring a polymer extruder/mixer for polymer blending polymers in pellets or powdered form, hot press machine and a gel permeation chromatography instrument.

COMPUTATIONAL RATIONAL DESIGN LABORATORY: The laboratory is involved in developing computational methods to rationally design solid materials that show desired response to the process-conditions. The laboratory is equipped with four high performance computer workstations that are used to perform simulations at the molecular and nano scales. The workstations are equipped with the software to perform molecular dynamics and Monte Carlo simulations of biological and artificial systems, and equipped with graphics processing units (GPUs) for the visualisation of simulation-results. The workstations are also used to develop and test the computer programs used to perform advanced Monte Carlo simulations.

CRTDH LAB: The CRTDH Lab is one of the state-of the-art facilities for chemical process and wastewater related research. The laboratory is equipped with sophisticated instruments like inductively coupled plasma - mass spectrometry (ICP-MS), optical emission spectrometry (ICP-OES) for elemental analysis, total organic carbon (TOC) analyser for carbon content, multi-mode plate reader for microbial studies, fluorescence spectrometer and UV-vis spectrophotometer for determining optical properties of products and raw materials, high-performance thin-layer chromatography (HPTLC) for compound identification, gas chromatography for gas analysis and spray dryer for liquid to solid processing in the powder form, quick COD and fermenter, centrifuge machine etc. The facility also has water quality testing facilities like biological oxygen demand (BOD), chemical oxygen demand (COD), total bound nitrogen (TNb) and total dissolved solids (TDS).

PILOT PLANT FACILITIES: The discipline also has a pilot plant facility equipped with several set ups for process scale-up. Some of the equipment available in the facility are 20 L distillation column (glass), high pressure reactor, rotating disc extraction column (glass), 1100 L SS Reactor (Teflon coated) with agitator, 50 L jacketed reactor with heating and cooling arrangement, SS 316 Basket Centrifuge, Spray dryer, Nl DAQ, 30 L Teflon coated two stage SS reactors, 1000 L skid mounted STP plant, Skid for Membrane Distillation and Forward Osmosis (FO), 1 kL MBR Plant, Reverse Osmosis set up (~10 LPM flow rate) for TDS reduction, 5 L sequential continuous stirred tank reactor, 1000 L HDPE tank, 150 L Glass Line reactor, 22 L Photobioreactor. Facilities are also open for industry partners.

SMART MATERIALS LABORATORY: The Smart Materials Laboratory (SML) is exploring integration of technologies from Chemical Engineering, Materials Science and Electronics & Communication to provide advanced solutions for multidisciplinary projects. The SML is committed to gaining a comprehensive understanding of the fundamental science behind the behaviour of materials at varying conditions. By leveraging the unique properties of materials, SML is striving to create innovative devices for sensing applications such as wearable electronics, biosensors, controlled farming, and microfluidic device fabrication technologies.

GREEN CATALYSIS (GC) LABORATORY: The GC lab focuses on catalyst design guided by in situ spectroscopic techniques along with kinetic studies. We aim to develop “green” catalysts that use environmentally benign reactant for production of value-added chemicals and fuels. A detailed mechanistic understanding of various heterogeneous reactions is developed using various batch and continuous reactors. Moreover, we are equipped with tools for nanoparticle synthesis, characterization, and kinetic studies. Currently, we are in the process of establishing a facility with a flow reactor connected to a Mass Spectrometer to collect time-on-stream rate data.

CHEMISTRY

The Department of Chemistry laboratory has state-of-the-art facilities for undergraduate and postgraduate students' various teaching and research activities. Fume hoods equipped with Schlenk lines cater to a large segment of wet chemical synthetic work. The sophisticated instruments at the institute include a 500 MHz NMR, Synapt G2S ESI-Q-ToF mass spectrometer, scanning electron microscope (SEM), single-crystal X-ray diffractometer (SCXRD), flow cytometer, multi-plate reader, homogenizer, and multi-angle dynamic light scattering (MADLS). Other research instruments include a cyclic voltammeter, circular dichroism spectrometer, Fluorolog-3 spectrofluorimeter, BET surface area analyzer, isothermal titration calorimeter, fast protein liquid chromatography, gas chromatography, FTIR spectrophotometer, near-IR UV-Vis spectrometer, and UV-Vis instruments (with reflectance and temperature accessories), as well as analytical and preparative HPLC. These instruments are used both for teaching and research. The department also has a state-of-the-art optical microscopy setup capable of imaging single molecules

and nanoparticles in confocal and wide-field detection. These instruments have significantly enhanced the department's capabilities in interdisciplinary areas covering chemistry, biology, materials science, and nanophotonics. The department plans to procure a glove box and a CHN analyzer in the current financial year and boost the infrastructure with other analytical equipment for teaching and research needs. The department has also expanded the physical laboratory space to accommodate the growing number of students and researchers with an additional 500 sq. ft

CIVIL ENGINEERING

The Civil Engineering discipline has developed laboratories in the areas of structural engineering, geotechnical engineering, water resource engineering and surveying/ GIS.

STRUCTURAL ENGINEERING LABORATORY: The Structural Engineering laboratory has the following material testing facilities for UG students: standard consistency, initial/final setting time of cement paste; soundness of cement; bulking of sand; slump test for workability of concrete; compaction factor test; vee bee consistometer test; specific gravity of cement; fineness of cement; fineness modulus, specific gravity, bulk density of fine/coarse aggregates; elongation and flakiness index of coarse aggregates; aggregate impact value; aggregate abrasion value (Los Angeles test); compressive strength 73 of cement cube and mortar cube; compressive strength of concrete cube (as per nominal mix); compressive strength of concrete cube (as per mix design); compressive strength of concrete by ultrasonic pulse velocity test; compressive strength of concrete by rebound hammer; finding of air content in concrete; concrete penetration resistance; penetration depth of bitumen; flash & fire point of bitumen; viscosity of tar; efflorescence of brick; water absorption of wood; viscosity of paint; fineness of paint. The laboratory also houses advanced conditioning and testing equipment such as a 300 ton compression testing machine, autoclave, mediumsized furnace, steam chamber, concrete screw pump and efficient concrete scanner device for structural analysis and to locate embedded objects in multiple layers with maximum detection depth for object localisation: 300 mm.

GEOTECHNICAL ENGINEERING LABORATORY: The Geotechnical Engineering laboratory is equipped with high-end research equipment along with basic soil testing. The soil dynamics laboratory is equipped with large (earthquake) and small strain (vibratory) testing. Large strain dynamic loading: cyclic triaxial test setup (0.01 - 2 Hz, strain controlled); electro-mechanical dynamic triaxial test setup (0.01 - 10 Hz, stress and strain controlled, K0, stress-path, user defined waveform, 10000 cycles running capability), cyclic simple shear setup (0.001 - 5 Hz, stress and strain controlled) to evaluate liquefaction, shear modulus & damping ratio of soils up to 10,000 loading cycles. Small strain dynamic loading: bender element system to determine shear modulus under K0, stress path, isotropic, UU, CU, CD compression and extension loading conditions. Shear strength facility consists of direct shear setup for cohesionless soils, unconfined compression (UC) test for cohesive soils, vane shear test for soft soils, and triaxial setup with DAQ and analysis software for all soil types. Pore pressure and volume change measurement facilities are available for compression/extension loading (UU, CU, CD tests), K0 consolidation and stress path testing. Large direct shear setup is also available to study the interface behaviour of various types of geosynthetics soil system. Dew point potentiometer is available to determine total suction (0 - 300 MPa) of fine-grained soils, conventional tensiometer for coarse-grained soils, and filter paper setup for matric suction of all soil types. The facility includes falling and constant head devices for the permeability of fine and coarse-grained soils, four 3-gang oedometer (1D consolidation) setup, proctor setup, CBR for the strength of subgrade soil, sieve shaker, hydrometer, Atterberg limit (LL,PL,SL), swell pressure, specific gravity, relative density, core cutter, sand replacement, muffled furnace (900oC) for organic matter evaluation, optical and digital LCD microscopes. The field testing laboratory has plate load test of 300 kN capacity with motorised anchoring system, standard penetration test (SPT), dynamic cone penetration test (DCPT) with automatic freefall hammering system, vibratory plate compactor for field compaction, field permeability setup, ground penetrating radar (GPR) with monostatic and bistatic operations facilitated with antennae of frequencies 100 MHz, 400 MHz with the bistatic operation and 200 MHz and 900 MHz with the monostatic operation including 20-80 multi frequency antenna, multichannel analysis of surface waves (MASW) setup with the provision of Seismic Refraction/Reflection Survey and Downhole/Crosshole tests. The following equipments were developed in the laboratory: multiaxial cubical device with flexible boundary system along with realtime feedback control system capable of conducting true-triaxial and plane strain testing of soils, constant rate of strain (CRS) consolidation setup, slurry consolidation setup for preparing the remoulded specimens of fine grained soils.

WATER RESOURCES ENGINEERING LABORATORY: The Water Resources Engineering laboratory has the following equipment for teaching purposes: a hydraulic bench, pitot tube, Reynold's apparatus, sharp-crested weir (notch), Bernoulli's apparatus, venturimeter and

orificemeter, nozzle meter, hydraulic tilting flume, basic hydrology apparatus, free and forced vortex flow apparatus. In addition to the above, a river tray having levee breach facility, an automated hydraulic tilting flume and a piping system to study transients are being used for research purposes. A 3D velocity measurement device, Acoustic Doppler Velocimeter, is used in the flume experiments.

SURVEY AND GIS LABORATORY: The Survey and GIS laboratory has been developed with the procurement of various high-end survey equipment and GIS software. Survey equipment includes advanced integrated surveying kit which consists of kinematic GPS, robotic total station and related field and office software. It provides a common file and user interface to GPS and total stations that complement each other. Integrated surveying provides a platform where GPS techniques can extend a total station survey without the need for extensive traversing. Besides this several total stations, auto level, digital level and handheld GPS are also procured, which will be used in addition to the advanced integrated surveying kit. Multiuser ArcGIS Info kit is procured to carry out GIS analysis in teaching and research activities. ArcGIS package will add the pre-existing image processing software for handling the satellite data.

COGNITIVE AND BRAIN SCIENCES

The research facilities available at the cognitive science lab are state-of-the-art and cover a wide range of fields. The facilities provide an excellent opportunity for interdisciplinary research and collaboration. These facilities will help the institution become a hub of research and innovation, where students and faculty can work together to solve some of the world's most pressing problems.

The **Eye-Tracking facility** with Tobii TX 300 eye-tracker is one of the most advanced facilities for tracking eye movements, measuring saccades, fixation duration, pupil size, and blinks. It is also equipped with the Tobii toolbox that supports data collection using MATLAB.

The **High-Density EEG system** with 128-channel Geodesic sensor nets and integrated E-Prime and MATLAB capabilities is one of the most sophisticated EEG systems available. The Brain Stimulation facility includes a Transcranial Magnetic Stimulation (TMS) system and a neuronavigation system, which provides precision targeting of single or repetitive magnetic pulses to localize brain regions of stimulation. Transcranial Direct Current Stimulation (tDCS) is also used for non- invasive stimulation of the brain.

The **Robotic system**, digitizing tablet, and motion capture system are excellent tools for analyzing arm and hand movements. The robotic system allows for simultaneous control of both robots for comparison of inter-arm performance, making it an ideal tool for studying bimanual coordination. The digitizing tablet records endpoint arm movement, and the motion capture system provides a virtual reality environment and allows the recording of arm motion data under different task conditions.

The **Behavioral Cubicles** provide a sound-attenuated environment for conducting experiments. on decision-making, attention, agency, and other cognitive functions. The Psychophysiology Lab is equipped with a wireless physiology-based data acquisition system that facilitates real- time data acquisition of physiological signals such as ECG, EMG, and EDA.

The **Multisensory Lab** has a driving simulator built entirely in-house for testing active noise cancellation equipment with surround-sound speakers. Lastly, the Tactile Perception Lab features custom-built Arduino-based devices supplemented by 3D printing for conducting psychophysics experiments for texture discrimination, wetness perception, and tactile stimulation with piezoelectric vibrators.

The **Tactile Perception lab** features custom built Arduino-based devices supplemented by 3D printing for conducting psychophysics experiments for texture discrimination, wetness perception, and tactile stimulation with piezo electric vibrators.

EARTH SCIENCES

Earth Sciences at IITGN envisions holistic understanding of the Earth system through multidisciplinary studies of its major components like lithosphere, hydrosphere, atmosphere and biosphere, and their interactions at different spatiotemporal scales. We are dedicated to conducting research and experiments not only related to the study of these spheres but also the processes that govern them. At IITGN, we currently have two Earth Science labs – lab 1 and lab 2 that are home to various multi/interdisciplinary projects and activities starting from contaminants fate and transport study combined with hydrogeochemical modelling, nanoparticle synthesis and their further environmental applications, "waste to wealth" technology, wastewater based epidemiology, sustainable utilisation of geotechnical materials, Earth surface processes and tectonic geomorphology, carbonate sedimentology, and geodynamics. These labs are hubs of several international and national collaborative projects funded by noted funding agencies (such as MHRD, SERB, DST, DST-UKIERI,

INSPIRE, MOES, MOEF;CC, KPCSD, GSBTM). The lab also promotes public/private partnership through several tailor-made consultancy projects/services.

EARTH SCIENCE LAB 1 is equipped with basic and sophisticated research facilities /equipment to conduct elementary and advanced levels of water and soil chemistry. It aims to address the environmental maladies and provide a scientific sustainable solution to society at the grassroots level. Earth Science laboratory has several experimental setups to assist research from macromolecular level to ultra-trace level with the help of different instruments such as Ion-Chromatography (IC), Hanna (HI7698194) multiparameter pH/EC/DO probe, High purity milli-Q grade water (18.2 MΩ cm–1, Milli-Q® Direct 8) purification system, laminar flow hood, desiccators, biological safety cabinet, incubator, refrigerator, ultracentrifuge, electric muffle furnace, hot air oven, mechanical mixture, sonicator, hot plate, temperature controlled magnetic stirrer, autoclave, portable pH and conductivity meter and Thermoscientific ion selective electrodes. Recently auto sampler for ion Chromatography, ADCP with GNSS Receiver and Remotely Operated Integrated Floating Device (Boat) for Hydrographic Survey, table top circular flume for sediment erosion modelling, carbide seats and CBN Seats, filtration unit, programmable muffle furnace, and drones have also been added. The lab is a true example for multidisciplinary studies, as the Masters and PhD research work.

EARTH SCIENCE LAB 2 includes a sample preparation facility to be analysed in major instruments. Earth Science lab aims to prepare dry as well as wet samples. The lab is equipped with rock crushing and grinding facility, sieving, hand-held strong magnetic separation, ultrasonic cleaning and leaching of sand grains and chemical analysis through fully functional fume hoods for normal and HF analysis. Furthermore, the Earth Science discipline has started to develop a CORE lab, which currently hosts cores that are used for teaching as well as research related to paleoclimate and subsurface reservoir studies. The lab currently has a core plugging machine, and a hand-held drill (with a maximum penetration up to 9 m). Most of the questions being investigated in Earth Sciences require field work. At IITGN the Earth Science Discipline is currently working in large parts of the Indian sub-continent specifically along various River systems including Ganga, Yamuna (amongst several others), as well as Basalts in Gujarat and Maharashtra, hot springs in Ladakh, and modern carbonates in Lakshadweep and Andamans.

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING LAB: The Electrical Engineering discipline currently offers five undergraduate laboratory courses and a basic laboratory course to students of other engineering disciplines. The Electrical Engineering laboratory is equipped with standard test and measurement equipment such as digital storage oscilloscopes, dual-channel arbitrary function generators, digital multimeters, LCR meters, multi output DC regulated power supplies, four channel digital power scope, eight channel Scope Coder, source and measurement units, precision magnetic analyzer, RF spectrum analyzer, AC and DC digital power meters. The research facilities of the discipline are housed in specialised laboratories as described below.

WAFER CHARACTERISATION LABORATORY: The Wafer Characterisation Laboratory currently houses a 6" wafer probe station, a semiconductor parametric analyser (with 6 SMUs, 1 LCR meter, 1 pulse unit), a power device analyzer, a 20 GHz vector network analyzer, a dynamic signal analyzer, a low-noise current preamplifier, ICCAP modelling software and set-up to measure packaged devices. This lab will have another probe station (8" with temperature range from -60 to 300 degC) and 43.5GHz vector network analyzer by the end of this year.

NANODC LABORATORY: The Nano Devices and Circuits (NanoDC) Laboratory is primarily used for analog/digital VLSI design and semiconductor device-related research. The laboratory is equipped with 72 multi-user licences for Cadence, Mentor Graphics, Synopsys, Xilinx ISE tools and GTS TCAD tools. The laboratory is also equipped with a high-end FPGA board: Xilinx Virtex Ultrascale + FPGA VCU118 Evaluation Kit. Apart from this, the lab has other computational resources including an 80-core server, multiple workstations and machines that host the CAD tools.

POWER SYSTEMS AND SMART GRID LABORATORY: The lab is equipped with a fully digital real-time power engineering simulation platform consists of Opal-RT (OP4508 F11-3+1) real-time digital simulator - OP5600 and customised modular hardware and firmware for hardware-in-the-loop (HIL) and rapid control prototype (RCP) studies in power systems and smart grid related research activities. The lab is also equipped with power systems simulation tools – DIgSILENT PowerFactory, CYMDIST and GAMS software.

SARITA GELOT LABORATORY FOR INTELLIGENT REHABILITATION AND AFFECTIVE COMPUTING SYSTEMS: The Intelligent Rehabilitation and Affective

Computing Systems Laboratory owns five systems for which patent has been applied (i) SmartEye for diagnosis of cognitive impairment, (ii) Instrole for characterization of one's gait, (iii) SwasTi which is AI enabled walking stick to prevent freezing of gait (FOG) in people with Parkinson's disease, and (iv) OnCallDoctor system for noninvasive measurement of various physiological parameters of the human body and (v) PTreadX which is a physiology-sensitive treadmill assisted VR-based Gait Exercise Platform. In addition, this research lab is equipped with a split-belt treadmill platform, remote and wearable eye-trackers, Biopac for physiological data acquisition, haptic devices, EEG data acquisition, Transcranial Electrical Stimulator, Functional Electrical Stimulator, Cybergloves, GaitRite and VR headset.

COMPUTER VISION, IMAGING and GRAPHICS (CVIG) LABORATORY: The lab houses Faro Focus 3DX330 and Einscan Pro+ laser scanners which are used to scan large structures and artefacts, respectively with 3D printers. The potential applications include digital heritage, shape analysis, and geometric processing. The lab also has coded aperture cameras fabricated with the help of ISROSAC for refocusing and extended depth of field recovery from a single image. The coded aperture cameras can be used with any DSLR to achieve these tasks. Several GPU enabled workstations are used to solve computationally intensive problems involving deep learning for computer vision applications. The lab also will host a human motion capture system for research on human dynamics.

PHOTONIC SENSORS LABORATORY: The Photonic Sensors Laboratory works on applications of near IR and mid-IR tunable diode laser absorption spectroscopy, photoacoustic absorption spectroscopy, plasmonic nanobiosensing, microbial growth studies and fibre-optic biomedical engineering. The lab is equipped with a large number of mid-infrared quantum cascade lasers (Alpes Lasers), a 1392 nm edge-emitting laser diode (Eblana), 1533 nm edge emitting laser diode (Toptica), a 100 mW, 4.3-4.7 um) quantum cascade laser (Daylight Solutions), a 1650 nm edge-emitting laser diode (Toptica Photonics), VCSELs (1278 nm, 2004 nm, Vertilas), cooled and uncooled photodiodes. It also has a 50 MHz dual-channel, lockin amplifier (Zurich Instruments), several laser diode current and temperature controllers (Thorlabs, SRS), an arbitrary waveform generator (Agilent), a 500 MHz, 1 GS/s digital phosphor oscilloscope (Tektronix), a digital delay and pulse generator, (SRS), and a 3 GHz spectrum analyzer (Agilent)

COMPUTATIONAL NANOPHOTONICS LABORATORY: The Computational Nanophotonics Laboratory investigates the fundamental physics of light interaction with nanostructured materials with an eye towards applications in imaging, sensing and energy harvesting. The myriad applications that the lab investigates include high-resolution and very wide field-of-view microscopes, monolithic integrated ultraminiature cameras, ultrasensitive non-destructive optical measurement techniques for probing objects and dynamics at the nanoscale, bioinspired sustainable energy harvesting and storage techniques. The lab is equipped with broadband supercontinuum lasers, UV-VIS NIR spectrometers and other tools for characterisation of optical nanostructures and metasurfaces.

ELECTRICAL MACHINES AND POWER ELECTRONICS LABORATORY: The lab is equipped to carry out research work on design, control and diagnosis of various electric machines. These include transformers, rotating electric machines and power converters. Design and analysis of novel and existing topologies are carried out using 2D and 3D electromagnetic finite element analysis in Ansys Maxwell. Test-setups for experimentation on various rotating electric machine topologies are available in the lab. These include permanent magnet brushless DC motor, permanent magnet synchronous motor and switched reluctance motor. Analysis and modelling of conventional topologies are carried out on a unified test bench that consists of a DC machine, an induction machine and a synchronous machine. The lab is equipped with an eddy current dynamometer to load the motor and obtain the torque waveform. For machine health diagnosis, precision magnetic analyzer and impulse generator are used for carrying out FRA analysis. Lab facilities also include programmable power supply which is used to generate balanced and unbalanced supply to mimic grid behaviour. The lab has basic power converters and their corresponding controllers and drivers fabricated. These converter topologies allow for the implementation of acdc, ac-ac, dc-ac, and dcdc conversion.

MEDICAL ULTRASOUND ENGINEERING (MUSE) LABORATORY: The MUSE Laboratory is equipped to conduct research in biomedical ultrasound imaging, therapy, and metrology. The current laboratory inventory includes single-element transducers (1 - 20 MHz centre frequency), High intensity focused ultrasound transducers (2 MHz), an impedance based particle size analyzer, four ultrasound diathermy systems, pulser receivers frequency (1 - 30 MHz), arbitrary waveform generators (1 - 50 MHz), a RF power amplifier, a programmable ultrasonic data acquisition system, a broadband hydrophone, digital storage and mixed signal oscilloscopes (200 and 100 MHz bandwidths), a motorised 3-axis positioning system, a preamplifier (30 MHz bandwidth), high power stepped

attenuator, a programmable power supply, a vacuum degasser, a calibrated tissuemimicking ultrasound phantom, a dissolved oxygen probe, wet lab equipment (pipettes, a microbalance, hot/ stir plates, an overhead stirrer, and temperaturecontrolled circulation baths), a custom acoustic attenuation spectroscopy system, and a high-end workstation equipped with GPU capability. The laboratory is equipped for experiments with biological materials and ex vivo tissue.

AUDIO SIGNAL PROCESSING LABORATORY: The primary focus of this laboratory is on the development and implementation of signal processing algorithms for audio devices including active noise control headphones, hearing aids and hearables. The lab houses equipment including Speedgoat Audio Performance Real-time Target Machine, Neumann KU100 Dummy Head Microphone, GRAS 45CA Ear Protector Test Module in addition to audio interfaces, measurement microphones and studio monitor speakers.

SMART POWER ELECTRONICS LABORATORY: The primary focus of this laboratory is to develop efficient power electronic converters and control systems for renewable energy grid integration and transportation electrification. The lab houses 10kW rooftop photovoltaic panels of latest commercial bifacial monoperc technology. Matlab programmed-FPGA-based Wavect rapid control prototyping equipment is also available in the lab for power electronic applications. High-end computational facilities in terms of work stations are available in the lab for machine-learning based system modeling and control. The lab has also placed orders for battery electro-thermal characterization equipment with thermal chamber and real time measurement system for battery performance optimization. We have designed and developed high power bidirectional converters for EV drives and renewable energy powered microgrid applications.

NANOSTRUCTURE AND COMPOUND SEMICONDUCTOR DEVICES LAB: The main objective of this lab is to design and fabricate compound semiconductor devices and nanostructures for multifaceted optoelectronic and biomedical applications. The lab is equipped with facilities to synthesize nanostructures such as quantum dots, high-end workstations dedicated to simulation-based research, and a substantial number of licenses for Nextnano software, a powerful tool for conducting sophisticated simulations and analyses in the realm of nanotechnology and semiconductor devices.

MATERIALS ENGINEERING

Material Engineering Lab comprises of four active teaching laboratories (Metallography, Dry and Wet Processing, Materials Characterization) and six research laboratories (Functional Materials Lab, Advanced Materials Processing, Vacuum Systems Laboratory, (Opto)electronics and Thin Films Laboratory, Bionanomaterials Lab, Antimicrobial Materials Lab).

The **Metallography lab** houses a wide range of the specimen preparation units consisting of manual and automatic polishing machines, abrasive cutting machines, and optical microscopes. Dry and Wet Processing Laboratories consist of instruments related to material processing, like, Vacuum Arc Melting and Induction melting units for alloy synthesis, low and high temperature furnaces for heat treatment, Jominy End Quench furnace, environment-controlled tube furnace, fume hood, Electrochemical workstation and chemical storage facility.

Materials characterization lab has equipment that can perform surface characterization (contact angle goniometer, profilometer, FTIR), thermal characterization (TGA, DSC, STA), and elemental composition characterization (AAS, ICP-OES, ICP-MS, and XRF).

Functional Materials Lab houses a high temperature Tribometer with in-situ profilometer.

Advanced Materials Processing Research Lab has friction stir welding machine, GAMRY corrosion and electrochemical testing setup, various sample preparation facilities, and an automatic hardness testing machine. The lab is also capable of performing high end thermodynamic and kinetic simulation of solidification, phase transformation, and precipitation using ThermoCalc software.

Vacuum Systems Laboratory houses custom-built and assembled vacuum based processing and characterization systems for material development. The facility allows modification and customization of vacuum systems to carry out fundamental as well as applied studies.

(Opto) Electronics and Thin Films Laboratory houses instruments pertaining to the preparation of thin films for optoelectronic applications mainly using sputtering, spin coater along with UV-Vis-NIR, HEMS and Four-point probe for the characterization.

Bionanomaterials lab is a positive pressure lab (Class 10,000) equipped with instruments to synthesize

and characterize (DLS, CPS, Xigo, Hyperthermia) nanoparticles. The lab also has a cell culture facility to perform preliminary toxicological assays on developed nanomaterials.

Antimicrobial Materials lab has laminar hoods, incubators, lyophilizer, centrifuges, probe and bath sonicators, fluorescence microscopes, and microplate readers. Our FIST-funded analytical SEM with capabilities of EDS, WDS, and EBSD is fully operational. The instrument capabilities of the Materials Engineering labs are being upgraded continuously by adding new equipments and are used for hands-on training and practice sessions for the undergraduate students for their lab and project courses. Postgraduate students routinely use these instruments for their research activities. Moreover, an online instrument access system has been devised to enable easy booking of time slots for usage to ensure smooth access to all instruments. The users can find available slots and the respective TA allocated for a particular instrument.

MECHANICAL ENGINEERING

Mechanical Engineering discipline has steadily progressed with its "learning-by-doing" and DIY approaches in several laboratory and project-based courses. Tight integration of project needs with resources at Maker Bhavan further encouraged students to explore alternative solutions for their respective projects or tasks. Resources for holding in-class demonstrations are also being developed in-house or procured. In addition, the facilities and equipment are being continuously upgraded to suit the current needs and remain in compliance with future AMC needs, if any. The induction of new faculty members has also seen an outgrowth of research and teaching labs. The Smart Energy and Thermal Transport Lab has begun its research and teaching operations this year.

SMART ENERGY AND THERMAL TRANSPORT LAB: The Lab's research objectives intersect the multidisciplinary fields of thermo-fluid sciences, interfacial phenomena, and energy. The aim is to bring about transformational efficiency enhancements in energy (power generation, oil and gas, renewables), water, agriculture, transportation and electronics cooling by fundamentally manipulating heat-fluid surface interactions across multiple length and time scales. In addition to being an invaluable resource in teaching, the lab's focus on the research front is directed towards both: 1) fundamental study on micro/nanostructured surfaces for phase change and interfacial phenomena, and 2) applied research on devices and systems, including solar thermal energy conversion, energy storage, and high-power density electronics thermal management. The activities of the lab are primarily geared towards developing a better understanding of the change in wettability due to surface engineering, chemical heterogeneity, and in the presence of liquid-vapour phase change phenomena. These studies are critical for elucidating the underlying physical mechanisms behind fluid and thermal transport relevant to phase change heat transfer applications. For example, hydrophilic surfaces made super hydrophilic due to structuring have resulted in enhancement of boiling and thin-film evaporation heat transfer. Conversely, hydrophobic structured surfaces, i.e. superhydrophobic surfaces have recently shown a promise to push the limits of condensation heat transfer.

SOLID AND FLUID MECHANICS: This year, the Solid Mechanics laboratory has put considerable effort into reviving the Torsion testing facility. Various experimental test set-ups include: 1) bending moments in a beam, 2) shear force in a beam, 3) deflection of beams & cantilevers, 4) bending stress in a beam, 5) unsymmetrical bending & shear center, 6) buckling of struts and 7) continuous & indeterminate beam. These rigs are utilised for in-class demonstrations and student projects with the objective of improving students' understanding. Other facilities include a Charpy impact testing machine of 450J capacity (Mts), 10 and 20-Ton UTM machines, Rockwell and Vickers hardness testing machines (Zwick Roell), and a fatigue testing machine. Strain guages and associated data acquisition systems are also available for a hands-on learning experience by conducting experiments. The Fluid Mechanics laboratory has setups for conducting fluid statics and dynamics experiments. Several common turbomachines such as gear pumps, centrifugal pumps, Pelton wheels, flow measuring devices, and accessories have also been installed. This year, we have procured additional equipment such as series and parallel centrifugal pumps, hot wire anemometers, surface pressure sensors and digital micro manometers and equipment for visualisation of the flow field to aid the experiments.

MANUFACTURING: The Manufacturing laboratory has facilities such as lathes, milling machines, a vertical machining centre, an electric discharge machine, welding, fitting and tin smithy equipment. It supports courses on manufacturing practices and processes and supports manufacturing activities in integrated design and manufacturing courses. It also serves as a workshop for the fabrication of undergraduate student projects as well as research related equipment and accessories

CONTROL SYSTEMS: The Control Systems Laboratory is shared between several disciplines and covers

a range of experiments that help the students understand both the theory and design aspects of the control system and the implementation aspects. Taking advantage of resources in Tinkerer's lab and within the discipline, most experiments in control systems have transitioned to DIY approaches wherein the students are able to build experiments of varying complexities and implement various control strategies on them. In addition, few test rigs provide hands-on experience with sensors, data acquisition, calibration, stability analysis, PID controller tuning, modelling from experimental data, and root locus-based design to meet performance criteria. This year, the mechanical, electrical, and instrumentation components available for such activities were increased to support this approach.

ENERGY SYSTEMS: The motivation behind the Renewable Energy laboratory facility is to provide a broad range of experimental experience to undergraduate and graduate students in renewable energy. This facility comprises high-quality experimental setups on the wind, thermal and solar energy. This experimental facility includes a thermal energy storage training system, solar concentrator training system, wind energy training system and solar PV training and research system. A fuel-cell test system and a heat transfer experimental module have been procured

ROBOTICS: In recent years, robotics has emerged as an important domain from teaching and research perspectives. Robots, essentially, are programmable electro-mechanical systems (machines) that require understanding and execution of a number of different disciplines. The process of developing and testing these systems is creating much interest among the students and faculties at IIT Gandhinagar. There are a number of regular and elective courses on offer each year for the students. The student project is an important component of these courses, where the learning-by-doing methodology is adopted. Some of these courses are:

- Introduction to Robotics - a graduate-level course
- Mechatronics - an elective undergraduate-level course
- Dynamics and Control - a mandatory undergraduate-level course
- Artificial Intelligence - a graduate-level course
- Machine Learning Course - a graduate-level course

In addition to these regular courses, each year IITGN students organise technical events, such as Amalthea and Ignite, where a large number of competitions are based on robotics driven activities. Each year, a great number of students participate in externally organised robotics competitions, such as IIT Bombay e-Yantra, DRDO Robotics and Unmanned Systems Exposition (DRUSE), etc.

DYNAMICS, VIBRATIONS AND WAVES: The facility currently has state of the art piezoelectric sensors like accelerometers, dynamic force sensors of varying sensitivities and form factors catering to different applications. We have the necessary data acquisition hardware and software for post-processing. We have acquired impact hammers to provide controlled model and structural testing impulses. We have a 1.6kN vibration shaker and 200N modal exciter for vibration testing with dedicated controller hardware and software. We have procured a high fidelity stroboscope for conducting experiments related to structural dynamics. In addition, we also have high-precision surface plates for mounting experimental setups.
Prof Atul Bhargav, Professor, Mechanical Engg has secured large funding to build clean hydrogen based fuel cell powerpacks for long endurance UAVs for civilian and strategic applications as part of a DRDO-sponsored research project.

PHYSICS

The Physics laboratory is equipped with state-of-the art equipment for conducting experiments at the undergraduate and postgraduate levels. The MSc laboratory consists of several experiments covering topics in optics, solid-state physics, spectroscopy, modern physics, and electronics. Experiments with logic gates enable students to understand the functions of logic circuits as mathematical operators and amplifiers. The undergraduate physics laboratory has experiments covering topics from modern physics, optics, and acoustics. Apart from performing regular experiments in the syllabus, students are advised to pursue short-term projects in groups. This tinkering lab exercise ends with an open-to-all poster session at the end of the semester, during which the students showcase their projects to the IITGN community, and demonstrate their findings.

The research labs in the Physics Department are involved in state-of-the-art research in the fields of Experimental condensed matter physics and Nanomaterials. Dedicated research facilities have been established to pursue research activities in the areas of Nanomaterials for energy research, Physics of surfaces and interfaces, Growth and characterization of nanomaterials and thin films, Graphene-based nanofluidics/ desalination techniques, Ion/Proton transport, 2D heterostructures, Active matter, Self-

assembly and dynamics of colloids at a single-particle resolution, Colloidal Supercooled liquids and Glasses. The experimental facilities both for research as well as for teaching purposes include Physical Vapor Deposition system, Chemical Vapor Deposition (CVD) system, Thermal Evaporator, UV Visible spectrophotometer, Spectrofluorometer, Quantum Efficiency measurement system, Optical lithography system, Soft-lithography, Langmuir Blodgett trough, Brewster Angle Microscope, Spin coater, high precision weighing balances, Single quadrupole high precision mass spectrometer, Optical and high-speed confocal microscopes, Rheometer, Probe Sonicator, Source-Measure Units, Milli-Q system, Plasma Cleaner, sophisticated sample storage and centrifugation facilities. We have procured and commissioned the Physical Properties Measurement System (PPMS) under DST-FIST grant. The research and teaching facilities are being constantly upgraded to facilitate and encourage research aptitude in students under the overarching vision of creating a center in the Physics Department for interdisciplinary research.

CENTRAL INSTRUMENTATION FACILITY (CIF)

The Central Instrumentation Facility (CIF) was established with an objective of providing sophisticated characterization services to the researchers within IITGN as well as different academic research institutes, universities, and industries across India. The CIF houses several high-end analytical instruments such as SEM, XRD, AFM, NMR, LC-MS, Bio-AFM, MALDI-TOF, ICP- MS & ICP-OES, confocal microscope, single crystal, XRD, TEM, advanced analytical SEM, flow cytometer cell sorter and multipurpose XRD. We have recently added two new instruments, Wafer Probe Station (Cascade Summit 11K) and Cryogenic systems (Cryogenic limited, UK). Users around the country can avail CIF services through the National I-STEM Portal. IITGN regularly conducts the Technical Education Quality Improvement Programme (TEQIP) training programme and STUTI-DST Workshops where CIF facility staff and students are involved in giving short lectures towards the technical and application aspects of CIF Instrumentation.

IITGN CIF CONNECTION WITH INDUSTRY AND ACADEMIC INSTITUTES:

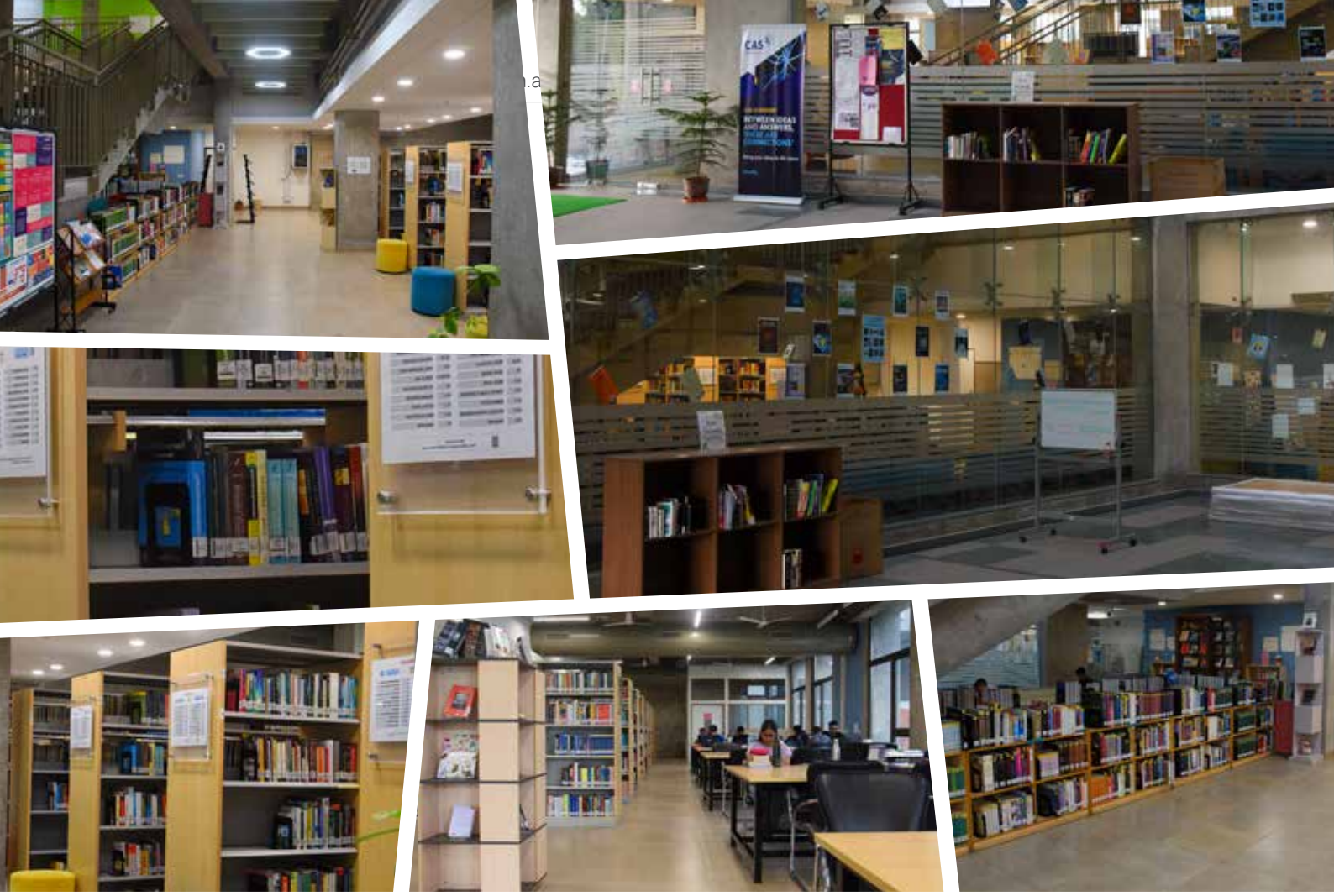
The CIF has been catering the needs of various industries and academic institutes. Many pharmaceutical industries like Sun Pharma, Piramal Pharma, Zydus Research Centre, Cadila Healthcare, Torrent Pharma and Sud-Chemie are the regular users of our facility. Nearly 30 major industries are the users of the CIF IITGN. Some of the small and medium scale industries use our facility for material characterization, hardness testing, elemental analysis etc. With the addition of new instruments such as analytical FESEM, transmission electron microscopy (TEM), multi-purpose X-ray diffractometer, Cryogenic systems, inductively coupled plasma (ICPMS/OES) and Bio-AFM, we are observing growth in the number of users from the industry for their R&D work.

The CIF has also been providing regular services to various academic institutes. Some of the institutes who are the regular users of CIF are NIPER, IIT-RAM, Nirma University, Indrashil University, NIT Surat, Gujarat University, IIAR, CUG, PRL, IPR, CSMCRI, MSU, SP University, PDEU etc. We have been able to connect with many of the universities and institutes in the Ahmedabad- Gandhinagar region. The major goal has been to build an environment which enables high quality research among institutions, universities in and around Gujarat and lead to major collaborations between academic institutes.

NEW CIF EQUIPMENT

Cryogenic Systems: The low temperature system (from Cryogenic limited, UK) can measure both electrical and magnetic properties of solid samples between 1.7 K to 400 K. The samples can also be subjected to an external magnetic field up to 9 Tesla. The system can measure the electrical conductivity and resistivity of several types of samples such as superconductors, metals, semi-metals, semiconductors and insulators. The system can also perform both DC and AC Hall measurements to determine the carrier density.

200mm Manual Wafer Probe Station: The cascade summit 11K probe station could perform on-wafer measurement (I-V, C-V) of different semiconductor devices and materials for a wide range of applications in an EMI-shielded, light-tight and moisture free test environment at a temperature range from -60°C to 300°C. The system can perform DC, RF and reliability measurements which help to determine the usability of the devices.



LIBRARY

The library, a learning resource center being an integral part of the academic and research work, continues to expand its collection both in print and digital form. It also designs and delivers innovative services to support teaching, learning, research, and other scholarly activities. During the reporting year, the library has initiated a number of important activities and services.

LIBRARY COLLECTION

PRINT & AUDIO-VISUAL COLLECTION

The library's rapidly growing collection of research monographs, textbooks, reference books, conference proceedings, audio-visual materials etc., cover the areas of academic and research interests of the Institute. The following table presents additions to the collection during the year 2023-24.

TOTAL COLLECTION AS ON MAR 31, 2024

Type of Collection	Additions in 2023-24	Total collection
Books	962	33888
Bound Volumes	59	936
Children Books	78	1633
Hindi Books	257	1131
CDs	-	996
DVDs	-	621
Technical Reports	-	456
Theses & Dissertations	117	1131
Total	**1473**	**40792**

CIRCULATION AND INFORMATION SERVICES

Circulation of Books: The total number of documents issued to our users during this year is **20015** as compared to **21745** of last year.

Vacation Issue: The library has continued the facility of issuing books for vacation reading, both during winter and summer, encouraging students to borrow and read general books of their interest. A total of 133 books were borrowed during Mid Semester Break (December 2023 and a total of 188 books were borrowed during End Semester (Summer) Break (May – July 2023).

Print Journals & Magazines: The library circulates loose issues of print journals/magazines among users. During the year, in total **289** issues of print journals/ magazines were circulated as compared to just 98 issues in the previous year.

INFORMATION/REFERENCE SERVICES

The library has been actively promoting reference & information services (in person & virtually) to its user community and has delivered the following services during the year.

BIBLIOGRAPHIES COMPILED & UPDATED

The library keeps compiling lists of books on various topics which are of academic interest or relate to current affairs. From April 2023 till March 2024, the Library has created 30 such new bibliographies of books and updated several existing ones.

GRAMMARLY (PREMIUM ACCOUNTS)

To extend the facility and to cover all users of the library, the number of accounts to access the writing tool 'Grammarly' has been extended to 3000. This has been very well received and extensively used by the Institute community.

OVERLEAF (PROFESSIONAL GROUP SUBSCRIPTION)

The library now has access to a group subscription for Overleaf, a collaborative platform for writing and editing LaTeX documents. As our current subscription covers a limited number of accounts, to begin with only faculty members have been given access. However, they can add up to 10 students as collaborators.

PLAGIARISM CHECKING

The library has been providing plagiarism checking services using Turnitin software. The number of documents checked during the year is 3079 as compared to 4394 in the previous year.

READ, REVIEW & ROLL!

The Read, Review & Roll initiative was launched to promote reading habits in the community, particularly among students while they were away from campus. There are currently 11 submissions to this initiative with a total of 6596 views.

LIBRARY RESOURCE SHARING

Library has been taking an active part in availing the benefits of sharing resources with other major local libraries (*viz*. IIMA, IPR, PRL, CEPT, NID, DA-IICT) in the cities of Ahmedabad & Gandhinagar as well with IITs, NITs, IIMs, IISERs, CSIR Libraries and DELNET member libraries in the country. This has been mainly done through Inter Library Loan and Document Delivery Services.

MEMBERSHIPS

ORGANIZATIONAL MEMBERSHIP

To continue to avail the benefits, the membership of Development Library Network (DELNET), Ahmedabad Library Network (ADINET) along with 12 other library and professional bodies such as AAAI, ACI, AMS, EUROGRAPHICS, FIB, IAHR, IAS, IATUL, IBASE, MAA, NICEE, SIAM, and libraries (British Library and American Library) were renewed.

E-SHODH SINDHU CONSORTIUM (MOE) MEMBERSHIP

The library continued as a core member of ESS consortium and actively contributed in all meetings held related to subscription to e-resources. The library continues to receive support in the form of subscription to 17 major e-resources.

LIBRARY EXTERNAL MEMBERSHIPS

To support the Institute's overall strategy to build a strong relationship and interactions with individuals and institutions outside the Institute, Library continued its effort to attract and enroll more and more memberships under six categories offering access (onsite) to library resources and services at a nominal fee.

LIBRARY PROFESSIONAL TRAINEESHIP/ INTERNSHIP

LIBRARY PROFESSIONAL TRAINEESHIP

As in the past, the library took five new Library Professional Trainees during July 2023 on a contractual basis for a year with a monthly stipend.

LIBRARY PROFESSIONAL TRAINEE'S ALUMNI GROUP (LIB-TAN)

The library has so far trained over 56+ library professionals. A platform was formed for the ex-trainees to come together and continue their interaction.

STUDENT ASSISTANTS

The library continues to serve as a platform for oCEO, Social service students and teaching assistants to spend their time fruitfully while getting insights into library resources and services as well as assist in our daily work. A good number of students were engaged in different activities of the library. This initiative, in a way, is helping the library to understand the user's needs.

SUMMER RESEARCH INTERNSHIP PROGRAM (SRIP)

BTech students from CSE, IITGN and MLISc. students from DRTC (ISI Bengaluru) were selected to work with the library under SRIP. During 08 weeks of internship, these students worked on creating subject resource guides using Subjects Plus- an Open Source Software and Creating a Web Scale Discovery Service using the VuFind - Open Source Software under the guidance of the library team.

LIBRARY STAFF ACTIVITIES

STAFF TRAINING

The Library Team continues to conduct brainstorming sessions on different topics like Linked Data, Search Engine Optimization (SEO), Smart Libraries, Chat GPT to Cat GPT, Sherpa Romeo, Libraries Unleashed: Empowering Leadership Through Liberating Structures, BASE, CORE, DBLP, OATD, DOAB, DOAJ, IFLA Code of Ethics for Librarians and other Information Workers and Capturing Our Stories:

CONFERENCES & WORKSHOPS ATTENDED:

- Six staff members from the library attended a One-day seminar on *'Open access resource in libraries & their impact on education'* by ADINET jointly organized by **INFLIBNET** Centre on Aug 12, 2023.
- **Bhattacharya, Sabarmati & Siddiqui, Mantasha** attended "*Libraries unleashed: empowering leadership through liberating structures*" on Sep 22, 2023 at MICA campus in Ahmedabad.
- **Chaudhary, Panna** attended virtual workshop on "*Data carpentry for library professionals: Practical skills for the digital age*" Oct 12-17, 2023.
- **Kumbar, T S** attended *International Symposium on Digital libraries: Sustainable development in education (DLSDE)* from Oct 20-22, 2023 organized by IIT Kharagpur Library.
- **Kumbar, T S & Chaudhary, Panna** attended *26th International Symposium of Electronic Theses and Dissertations (ETD 2023), Inflibnet Centre, Gandhinagar,* Oct 26-28, 2023.

STAFF PUBLICATIONS

- **Chaudhary, Panna and Kumbar, T S**, "Electronic theses and dissertations (ETDs): a scientometrics analysis of research publications", in the *26th International Symposium of Electronic Theses and Dissertations (ETD 2023),* Gandhinagar, IN, Oct. 26-28, 2023.
- **Gupta, Aditi and Kumbar, T S**, "Going the distance to reshape library services for graduate students", presented a poster in *the 88th IFLA World Library Information Congress (WLIC 2023)*, Rotterdam, NL, Aug. 21-25, 2023.
- **S, Arathi; Chaudhary, Panna and Kumbar, T S**., "Analytical study of ETD initiatives globally", presented a poster in the *26th International Symposium of Electronic Theses and Dissertations (ETD 2023),* Gandhinagar, IN, Oct. 26-28, 2023.

INSTITUTE ARCHIVES

The library has started working on the initial requirements for creating the Institute Archive and has been documenting the same. It has collected over 3540 in digital form and over 650 items in print. All these items are being reviewed and processed. In addition, we have also collected close to 300 items related to COVID-19 and a prototype using Omeka with sample collection has been created on a local machine. On Aug 23, 2023, we sent out an email to the community seeking feedback on the table of contents and COVID 19 Archive Prototype. Besides carrying out the above-mentioned work, an effort is being made to set up a dedicated website for the Institute Archive.

OUTREACH ACTIVITIES

- As a part of summer camp 2023, organized by Nyasa IITGN, 84 kids from Palaj Government Primary School and 19 kids from Nyasa School visited the Library,
- TheIITGN library team organized "Pages of possibility: Enriching lives at IITGN library through Nyasa kids" for 14 kids of Nyasa school on July 20, 2023. The fun-filled session started with a guided tour of the library, followed by an educational video on water cycle and two captivating storytelling sessions.

NEW INITIATIVES

During the period of this report, the library has undertaken the following new initiatives.

Overleaf (Professional Group Subscription) : The library now has access to a group subscription for Overleaf, a collaborative platform for writing and editing LaTeX documents. As our current subscription covers a limited number of accounts, to begin with only faculty members have been given access. However, they can add up to 10 students as collaborators.

Group Study Rooms: After shifting to AB 13, the Library has acquired space for group study rooms. Most of these rooms are equipped with Smartboards, AC, tables and chairs, for productive brainstorming sessions and collaborative work. A policy document for booking the group study rooms has also been prepared to regulate the usage.

Interactive games like chess and Jenga, chai time game sheet: The library introduced some mind exercising games like chess and Jenga for the

mental stimulation of students. Copies of 'Chai Time' - the interactive games filled page from Ahmedabad Mirror is also kept in different places, which contains crosswords, sudoku etc.

LEDs at Atrium and Academic Block: For effective dissemination of information, Library now displays infographics in the LEDs situated in AB 13 Atrium.

PhD Theses Catalogue: The library has made an effort to create a catalogue (800+ pages) comprising all Ph.D. theses defended and awarded by the institution. This catalogue aims to increase the visibility of researchers' work by consolidating thesis details and abstracts into a comprehensive format. So far, 347 PhD theses have been collected, and this compiled catalogue is being made accessible to the community on the library website.

Padlet: **A Virtual Bulletin Board:** Padlet is a virtual bulletin board that facilitates the uploading, organizing, and sharing of content on the web, allowing for aesthetically pleasing arrangements of text and images. In analyzing the feedback from Library sessions during Foundation Program and Aarohan, we have utilized Padlet to create a section dedicated to organizing the suggestions, concerns, and feedback from participating students in a well-structured manner.

Library Liaison Service: To understand the information needs of students, faculty and researchers in each discipline and accordingly build library collection and design the services.

CENTRES

ARCHAEOLOGICAL SCIENCES CENTRE

The Archaeological Sciences Centre (ASC) was established in December 2012 to facilitate and undertake research in the application of the sciences in archaeology. The Centre also aims to collaborate with universities and research institutions, including the Archaeological Survey of India (ASI) and State Departments of Archaeology, to conduct such research. A vortex shaker (SPINIX MC-01), a microcentrifuge (SPINWIN MC-00), and a Density Kit for solids balance were added to the Archaeological Sciences Centre. All three aid in the preparation of archaeological samples.

CENTRE'S PROJECTS

- Reconstruction of human-animal interaction at the world heritage Harappan site of Dholavira, Gujarat, India: Inferences from the isotopic composition of archaeological bone and teeth remains, funded by DST SERB- POWER (PI: **Prof Sharada Channarayapatna** and Co-PI: **Prof Debajyoti Paul,** IIT Kanpur)
- Hydro-geomorphic analysis of Vadnagar Watershed Area. Funded by the Government of Gujarat. The project's duration is nine months, starting in April 2023. (PI- **Profs Vimal Mishra, Vikrant Jain, CoPI- Prof V N Prabhakar)**
- Paleo-landscape, Paleo-drainage & Potential Groundwater investigations in the Great Rann of Kachchh, Gujarat, Western India. Funded by the Ministry of Earth Sciences, Government of India (PI-Prof **Debajyoti Paul**, IIT Kanpur, CoPI-**Prof V N Prabhakar)**
- Multifaceted Analysis of Archaeological Ceramics, Beads, Shell Remains and External Trade Relations of the Historical City of Vadnagar, Gujarat. Funded by the Department of Archaeology and Museums, Government of Gujarat (PI-P**rof V N Prabhakar, Co-PI- Prof Sriharita Rowthu)**
- Setting up of Indian Knowledge System Cell at the Archaeological Sciences Centre, IIT Gandhinagar. Funded by IKS Cell, Ministry of Education, Government of India (PI-**Prof V N Prabhakar, Co-PI-Prof Manish Jain and Mana Shah**)

WORKSHOPS

- **Prof V N Prabhakar** and **Ekta Gupta** conducted a 15-day online Geospatial Technology for Archaeological and Heritage Studies course from Dec 7-23, 2023.
- A 5-day MAHSA QGIS, Survey Planning, and ODK training programme was conducted from Feb 26 to Mar 1, 2024 The resource persons were **Kuili Sukanya and Azadeh Vafaderi,** Cambridge University. **Prof Cameron Petrie**, Cambridge University and **Prof V N Prabhakar**, IITGN, coordinated the training programme.
- A 2-day training workshop on 'Metal Casting: a Lost-Wax Technique in Archaeology' under the aegis of the ASI Archaeology Chair Endowment Fund was conducted on Mar 2-3, 2024. The resource persons were **Prof Udayakumar S** and **Dr Diya Mukherjee** from the Heritage Science and Society Programme, School of Humanities, National Institute of Advanced Studies, Bengaluru. **Prof Sharada Channarayapatna** and **Prof VN Prabhakar** coordinated the event.

AWARDS AND FELLOWSHIPS

- **Haritha K,** Early Career Researcher, Durham University, Rewriting World Archaeology: South Asia Writing Workshop 2023-24, Sponsored by Antiquity Trust.
- **Ahana Ghosh** was appointed the student Ambassador for South Asia by the Society for Archaeological Sciences (SAS).

PUBLICATIONS

- **Haritha Kadapa**. A comprehensive framework for landslide risk assessment of archaeological sites in Gujarat, India. The Egyptian Journal of Remote Sensing and Space Sciences 27: 41-51. https://doi.org/10.1016/j.ejrs.2024.01.002 (2024)
- **V N Prabhakar, Shikha Rai, Vikrant Jain, J S Ray** and **Ravi Bhushan**. Evidence for the Presence of Prehistoric Hunter-Gatherer Communities on Khadir Island, Great Rann of Kachchh, Gujarat. *Man and Environment XLVIII(1)*: 5-14. (2023)

- 2023 **V N Prabhakar**. Symbols of Elite and Interregional Ideological Transmissions During Harappan Phase as Gleaned from Dholavira. In Rajesh S.V., Abhayan, G.S., Preeta Nayar (eds.) *Research on Indus Civilization in the Wake of Hundred Years of Excavation at Harappa.* University of Kerala: 123-159. ISBN: 978-93-5602-886-9 (e-book). (2023)
- **P Goyal, G S Abhayan and S Channarayapatna** (Editors). Animals in Archaeology, Integrating Landscapes, Environment and Humans in South Asia - a festschrift for Prof P.P. Joglekar. Trivandrum: University of Kerala. (ISBN 978-93-5810-902-3). (2023)
- **N Naskar, C Shaha, A Ghosh and K Gangopadhyay**. Study on distribution of radionuclides in soil and pottery samples of archaeological sites of eastern India, *Journal of Radioanalytical and Nuclear Chemistry*, Doi: 10.1007/s10967-023-09214-7. (2023)
- **P Valensi, A Roussel, S Channarayapatna, K El Guennouni, D Cauche and V Michel.** Au temps des derniers acheuléens du sud-est de la France. Nouvelle synthèse sur les faunes de grands mammifères du Pléistocène moyen de la grotte du Lazaret (Nice, France). *Bulletin du Musée d'Anthropologie préhistorique de Monaco, Actes du colloque international : Les premiers peuplements préhistoriques des Alpes-Maritimes, de Monaco et de Ligurie au sein de leurs paléoenvironnements*, 61: 111-126 (2023)
- **A Ghosh and S Channarayapatna,** Exploring the culinary landscape and gender role inside the Rasōḍuṁs: A study of Dholavira village, Bhachau Taluka, Rann of Kutch, Gujarat, in *Gender and Landscape* (Sharmishtha Chatterjee and Moumita Dey Eds.), Primus Books. (In press)

CENTRE FOR BIOMEDICAL ENGINEERING

The Center for Biomedical Engineering at IITGN is focused on carrying out interdisciplinary research focused on diagnostic/therapeutic tools and techniques, automated rehabilitation and prosthetic techniques and public health techniques targeted towards addressing healthcare needs. The main objectives of this Center are:

- Research and development in biomedical engineering and healthcare technologies
- Developing low-cost technologies related to healthcare to help people in rural areas
- Undertake national and international collaborations for research and academic exchanges

PROJECTS

- Selective Recognition of G-Quadruplexes by a Smart Dye for preventive approach and early detection of Silicosis, **Science & Engineering Research Board (SERB)**, PI: **Prof Bhaskar Datta**
- A Muscle activity-based control strategy to assist disabled individuals using a cable-driven robotic exoskeleton, **Gujarat Council on Science and Technology (GUJCOST)**, PI: **Prof Vineet Vashista**
- Human Performance Enhancement using a Textile-based Soft Leg Exosuit, **LSRB, Defence Research and Development Organisation (DRDO)**, PI: **Prof Vineet Vashista**

COLLABORATIONS

The Centre engages in collaborative projects with prominent national and international institutes and universities including Johns Hopkins University, USA; National University of Singapore; Columbia University, USA; University of Chicago, USA; University of Birmingham, UK; University of Central Lancashire, UK; Royal Melbourne Institute of Technology (RMIT), Australia; Indian Institute of Science, Bangalore, India; National Institute of Mental Health and Neurosciences, Bangalore, India; Civil Medical Hospital, Ahmedabad, India; S B B Hospital, Ahmedabad, India; All India Institute of Medical Sciences, New Delhi, India; L V Prasad Eye Institute, India; among others.

WORKSHOPS/MEETINGS

The IIT Gandhinagar-Johns Hopkins University (IITGN-JHU) collaboration meeting was held at the Indian Institute of Technology Gandhinagar on Mar 04, 2024. **Prof Nitish Thakor** from JHU participated in person and **Prof Amir Manbachi**, PhD, **Avisha Kumar**, Max Kerensky, Angelica Lopez, and Denis Routkevitch, participated virtually.
We were also joined in person by **Prof Arun Thittai** (IIT Madras), **Prof Hardik Pandya** (BEES LAB, IISc Bangalore), and **Prof Biswarup Mukherjee** (IIT Delhi), who gave overviews of their labs' work to identify opportunities for new collaborations in biomedical engineering research and translation across the IITs, IISc, and Johns Hopkins University. A student poster session and tours of the biomedical facilities in the labs of **Prof Uttama Lahiri, Prof Vineet Vashista**, and the MUSE Lab were held.

EMINENT VISITORS

- **Prof Nitish Thakor**, Professor, Biomedical Eng, Johns Hopkins University; Director, SINAPSE Institute, National University of Singapore (NUS)
- **Prof Arun Thittai,** Professor, Department of Applied Mechanics and Biomedical Engineering, IIT Madras
- **Prof Hardik Pandya**, associate Professor, Department of Electronic Systems Engineering, Division of EECS, Indian Institute of Science (IISc), Bangalore
- **Prof Biswarup Mukherjee**, assistant Professor, Center for Biomedical Engineering, IIT Delhi

CENTRE FOR CREATIVE LEARNING

The Centre for Creative Learning (CCL) is a space whose mission is to transform STEM education and make it engaging and inspiring through hands-on toys, strengthening teachers' capacity, media programs and museum outreach. The year 2023-2024 saw many interesting events, workshops and collaborations take place at CCL

COLLABORATIONS & MOUs

- **Samagra Shiksha**, Uttar Pradesh signed MoUs to get Wonder box in all 60,000+ Aangadwadies, create 150 unique activities for primary grades, promote experiential learning in 746 KGBV schools & 570+ PM Shri schools.
- 30,000 primary schools of Gujarat received a **Foundational Literacy & Numeracy** (FLN) Kit designed at the center. The kit contains unique toys/models/puzzles to enhance the thinking process and engagement in learning foundational skills, reasoning and literacy skills.
- **Samagra Shiksha**, Telangana signed an MoU to promote experiential learning in all the 25,000 schools. All the schools will receive a STEM kit for mathematics, science, puzzles, FLN for primary schools. Capacity building program for 300 Master trainers and create a similar center at Hyderabad.
- **SCERT, Delhi** signed an MoU on "Capacity Building" for 4000 teachers through the creative learning workshop at IITGn.
- The centre is designing curriculum along with **IIM Ahmedabad** for the Prerana program by the Education Ministry, Government of India. The weekly residential program at Vadnagar, Gujarat for children will integrate the principles of Indian education system and the philosophy of value-based education in line with the National Education Policy (NEP) 2020.
- Invited to address 300+ NCERT writers of Primary & Middle School textbooks on Innovative Pedagogies by the **National Syllabus and Teaching Learning Material Committee** (NSTC) in Dec 2023.
- MoU with **Science City Ahmedabad**, dept of Science and Technology, Gujarat and Regional Science Center, Dept of Science and technology, Bhopal to popularise STEM among citizens.

STEM PROGRAMS FOR SCHOOL STUDENTS

- Curiosity Program for 1.5 lakh KGBV Girls - Weekly 2 online sessions on making math & science engaging; All the schools are getting material for IIT Gandhinagar to perform the activities; Workshops for all the KGBV teachers.
- Eklavya Program for 15,000 Gujarat Government High schools - Series of 80 weekly online episodes on making school curriculum engaging and inspiring.
- D20 series - 20 Unique STEM projects between Dusseura to Diwali - DIY Projects related mathematics, art & science were published on YouTube. 50,000 projects were received.

CAPACITY BUILDING WORKSHOPS FOR 1200+ SCHOOL TEACHERS WITH SCERT, SSA & EDUCATION DEPARTMENT :

- 300 master trainers from Telangana came to campus for 5-day workshops at IITGN. These master trainers will promote experiential pedagogy in 25,000 schools of Telangana.
- 400 Science and math teachers from SCERT Delhi participated in our Creative learning workshop in the month of Jun, Sept and Dec 2024
- As per MoU, all 8000 middle school teachers will get the training from IIT Gandhinagar in upcoming years.
- 300 from Chhattisgarh in the month of Jan 24, 100 from Madhya Pradesh in the month of May 2023 and 150 from Goa in the month of Dec 2023 have visited the campus for a workshop on toy-based pedagogy.

PUBLICATIONS/EXHIBITION

- Three mathematical art exhibits have been published at **Bridges Conference** held at Halifax, Canada in July, 2023. The bridges organization oversees the annual bridges conference on mathematical connections in art, music, architecture, and culture.
- Wave cars designed at center have been published at the J**oint Mathematical meeting** held at San Francisco in Jan 2024. JMM is the world's largest Mathematical Gathering.
- Hon'ble Prime Minister **Shri Narendra Modi** visited the stall by Center and spent 15 minutes interacting with the team at Akhil Bharatiya Shiksha Samagam July, 2023 at Pragati Maidan
- The portrait design at center & made with campus community using 30,000 sticky notes on Jan 26, 2024, got recorded to the World Record India.
- The 'R**ising Leaders' Summit** 2024 Feb 8-10, 2024 organized by scoonews in association with CCL, IIT Gandhinagar.
- Exhibition of STEM models at BETT conference held at London, United Kingdom in Jan, 2024, **Vibrant Gujarat Global Summit 2024,** IGNITE Sci Tech Fair, India International science Festival 2023
- **A Iyer, A Kothiyal, A Bhakuni, J Thakkar, J Krishnan and M Jain**, "Making active teachers: Effects of a teacher training program for making-based active pedagogies", *IEEE International Conference on Technology for Education T4E 2023*.

EMINENT VISITORS

- **Shri Dharmendra Pradhan**, Hon'ble Minister for Education, Skills Development & Entrepreneurship, Govt. of India
- **Prof Gautam Barua**, Director, IIT Guwahati, **Prof Debabrata Das**, Director, IIIT Bangalore, **Prof Sumam David,** Professor (HAG), NIT Surathkal
- **Shri Sanjay Kumar,** Secretary (School Education & Literacy)
- **Shri Jitu Vaghani**, former Minister of Education of Gujarat
- **Shri Bhupendrabhai Patel**, Chief Minister, Gujarat
- **Mr Jason Clare,** Australian Education Minister

CENTRE FOR COGNITIVE AND BRAIN SCIENCES

The Centre for Cognitive and Brain Sciences (CCBS) at IITGN is recognized within the country for being the pioneer among the IITs through research activities and academic programs at the Master's and PhD levels. The Centre also aims to take a leadership role in cognitive science within the country with its interdisciplinary character and excellent student achievements. The Centre's research areas include philosophy of mind, perception, curiosity, attention, learning and decision making, motor control and rehabilitation, and neurodevelopmental & neuro-degenerative disorders such as autism and Alzheimer's disease.

EVENTS

The Centre organised the following events & seminars during 2023-24:

- Contemporary concepts in development of rehabilitation robot by **Prof Zlatko Matjačić** on Dec 18, 2023
- A two-day workshop on fMRI analysis From data to insight: A practical fMRI workshop by **Dr Vaibhav Tripathi,** Jan 6-7, 2024
- Visual experience through time: Characterising the role of scene semantics and grammatical structures in film and narrative comprehension by **Dr Shanmukha Aditya Upadhyayula,** Jan 11, 2024
- Decoding the landscape: AI's initial impact on artists, journalists, & democratic institutions by **Mr Mauktik Kulkarni**, Jan 15, 2024
- Rehabilitation technologies for people with multiple sclerosis, by **Dr Giacinto Barresi**, Istituto Italiano di Tecnologia (IIT), Italy, Feb 13, 2024
- **Dr Saugat Bhattacharyya** delved into the pioneering field of collaborative Brain-Computer Interfacing (BCI), showcasing its transformative potential in enhancing cognitive and physical abilities, Feb 26, 2024
- **Dr Vinod Goel** delved into the intriguing concept of tethered rationality: A model of behavior for the real world, Mar 7, 2024

DESIGN AND INNOVATION CENTER

The Design and Innovation Centre (DIC) promotes collaborative projects, research and educational initiatives on design and innovation. The DIC also nurtures student and faculty initiatives to develop innovative products and solutions through curricular and extracurricular projects, such as talks, seminars, symposiums, and workshops.

PROJECTS AND COLLABORATIONS

- **Holistic Reimagining of Engineering Education (HREE):** Led by **Profs Aditi Kothiyal** and **Sameer Sahasrabudhe**, the project assesses pedagogical strategies at IIT Gandhinagar. The team has analyzed the Foundation Programme's alignment with engineering attributes crucial for graduates, published at the Technology 4 Education Conference 2023, IIT Bombay. Expanding our scope, they have investigated microcredentials' impact on student career growth and courses like ES115 and ES117 on fostering design and innovation skills. Two papers on these topics are currently under review for the SEFI Annual Conference 2024.
- **Study of SWAYAM User Experience:** The SWAYAM board had invited IIT Gandhinagar to make a report on improvements in UI/ UX of the SWAYAM portal to provide a better user experience. The team, led by **Prof Sameer Sahasrabudhe**, critically analysed the website and the mobile application; and compiled a comprehensive report with expert recommendations. The report consisted of a Heuristic evaluation, a Comparative analysis of Ed-Tech platforms, and a multicity survey of a hundred first-hand users.
- **Wearable Biomedical Devices: Prof Manasi Kanetkar** is working on various government funded as well as Consultancy projects alongside **Prof. Uttama Lahiri** for wearable biomedical devices for diagnostics and rehabilitation.

MAJOR EVENTS

- **DIC Advisory Meeting:** On Sep 23, 2023, an advisory committee convened, bringing together design professionals and academicians to deliberate on the design program's trajectory and outline a roadmap for future endeavours. The expert panel discussions encompassed several pivotal areas, including envisioning programs to meet the nation's design and innovation demands, charting the course of design education within technological institutions for present and future requirements, and exploring models for fostering collaboration between academia and industry. The committee members included **Prof Deepak Phatak** (Professor Emeritus, IIT Bombay/ policymaker), **Prof Praveen Nahar** (Director, NID Ahmedabad), **Ashwini Deshpande** (Co-Founder, Elephant Design, Pune), **Prof B K Chakravarthy** (Professor, IDC IIT Bombay), **Prof Bhaskar Bhatt** (Director of School of Design, Anant National University, Ahmedabad), **Prof D Udaya Kumar** (Professor, IIT Guwahati), **Prof Mainak Das** (Professor, Department of Design, IIT Kanpur), and **Prof Manisha Mohan** (Dean, UID, Ahmedabad and former Head, Tata Interactive Systems, Mumbai).
- **Workshop on Designing Learner-Centric MOOCs:** A half-day workshop on fostering student engagement and learning to create Learner-Centric MOOCs was conducted by **Prof Sameer Sahasrabudhe**. This workshop was organised by the Commissionerate of Technical Education (CTE), Gujarat. A total of 104 faculty members representing 17 cities in Gujarat participated in the workshop.
- **Design Thinking Workshops:** The faculty of DIC conducted various workshops on design thinking. **Prof Anezka Sebek** taught at the Innovation and Entrepreneurship Center (IIEC) for the following events: the Boeing Build! Competition and NEDO (Japan) Hack the Future of Transportation Competition. **Prof Sameer Sahasrabudhe** conducted various sessions during the Foundation Program, Aarohan, and Teachers Training for CCL.

DIC TEAM

Prof Madhu Vadali is the coordinator and **Prof Manasi Kanetkar** is the co-coordinator of the Centre. Other faculty of DIC include **Prof Sameer Sahasrabuddhe**, Professor of Practice and **Prof Aditi Kothiyal,** assistant Teaching Professor. **Prof Anezka Sebek**, Professor Emeritus, Parsons School of Design joined as a Visiting Faculty for the duration of Jan 2024 to May 2024.

DR KIRAN C PATEL CENTRE FOR SUSTAINABLE DEVELOPMENT

The Dr Kiran C Patel Centre for Sustainable Development (KPCSD) at IITGN undertakes cutting-edge research on sustainability and related challenges of high societal importance and promotes cost-effective and sustainable solutions through its strong outreach and technology-transfer programmes.

FOCUS AREAS

WATER: Water and wastewater treatment, desalination, safe drinking water production, hydraulics and water resources engineering, water-energy systems, river science, ancient Indian water management

POLLUTION AND WASTE MANAGEMENT: Air, water and soil pollution, air quality, laser spectroscopy, particle engineering, built environment, low-cost air quality sensors, surface engineering, urban development, waste to resource techniques, effluent treatment, zero liquid discharge, emission control, Indoor Air Quality, degradation of pollutants

CLIMATE CHANGE: Climate risks, extreme climatic events, climate variability, food-energy-water security, climate change impacts, critical infrastructures resilience, flood hazards, tropical cyclones, heat waves, internal variability, hydrometeorological extremes, physics guided machine learning for hydrological processes, hydrologic modelling, carbon capture, sea-level fluctuations, urban heat islands

ENERGY: Renewable energy and energy management, energy storage technologies, fuel cell and hydrogen technology, electrochemistry in energy applications, smart distribution grid/ microgrids, smart power electronics, transportation electrification, nanoscience in energy applications, heating ventilation and air conditioning

NATURAL RESOURCES, WILDLIFE AND ECOSYSTEMS: Wildlife conservation, indigenous peoples, social and environmental justice, natural resources management, environmental archaeology, sustainability modelling, earth surface processes, sustainable stream management, environmental policy, archaeozoology, sciences in archaeology, corals, carbonates, tribal development, sustainable heritage

PROGRAMMES

Research: research and consultancy on sustainability and promoting national and global collaborations
Practice: lab-to-field technology transfer and implementation on campus and the neighbourhood
Education: curriculum development at IITGN and advance education on sustainability nationally and globally
Outreach: conferences, networking, training programmes and workshops for scholars and professionals
Capacity Building: access to resources and opportunities, customised capacity building programmes, interdisciplinary collaboration and knowledge sharing

ACTIVITIES

- Dr Kiran C Patel Centre for Sustainable Development (KPCSD) celebrated National Wildlife Week from Oct 2 -8, 2023. Wildlife Week, aimed at protecting and preserving India's flora and fauna, was conceptualised in 1952 with a long-term goal to safeguard the lives of the endangered and threatened species of animals. A series of events were organised in collaboration with the Library, Centre for Creative Learning, Art@IITGN, NYASA, and Green Club.
- Nearly 100 students from IIT Gandhinagar and neighbouring technical institutes participated in the one-day course on 'Thermodynamic Reasoning in Sustainability', organised on Sep 9, 2023.
- The Centre organised the third edition of Net-Zero Dialogues with the theme "Policy Pulse, Climate Finance and Sustainable Transitions" on Sep 2, 2023. The event brought together various stakeholders from across the country to discuss this vital topic and develop a plan of action to move forward towards net zero practices.
- On the International Day for the Conservation of the Mangrove Ecosystem, the Centre hosted a panel discussion on Mangroves, Coastal Community, and Sustainability at IIT Gandhinagar on July 26, 2023.

SUSTAINABILITY SEMINAR SERIES

- Towards net zero emissions in cities: closing gaps in knowledge and action on Feb 15, 2024 by **Prof Minal Pathak**, Associate Professor at the Global Centre for Environment and Energy, Ahmedabad University.
- Safeguarding the survival future of the Whale Shark: A marine megafauna along the West Coast of India on Nov 22, 2023 by **Prof B C Choudhury**, a wildlife biologist.
- Climate Change Impacts in the Arctic Ocean: Assessment Using Key Trace Elements and Isotopes on July 21, 2023 by **Prof Mark Baskaran**, Professor & Chair of the Department of Environmental Science and Geology at Wayne State University.

The Centre organised two Distinguished Speaker Seminars as follows:

- Satellites helping track climatic changes on Feb 29, 2024, by **Dr Ramakrishna Nemani**, Retired NASA Earth Scientist.
- From Ocean Science to Sustainable Blue Economy on Aug 29, 2023, by **Dr Shailesh Nayak**, Former Secretary of MoES, who currently serves as the Director at the National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru.

CENTRE FOR SAFETY ENGINEERING

The Centre for Safety Engineering (CSE) at IITGN is committed to improving public safety in India through a better understanding of the challenges and possible solutions. Reflecting the national priorities, the CSE takes pride in supporting Indian manufacturers in product development and innovation through collaborative research projects between the industry, government and IITGN.

EVENTS

UL - IITGN MEETING

The Center for Safety Engineering organized a meeting with the key official and VP of Underwriters Laboratories (UL) on Apr 13, 2023. The Director, IITGN, and the chair of the meeting addressed the meeting to look forward to the strategic UL-IITGN Partnership in terms of industry-academia collaboration by enhancing the outreach programs, expert exchange programs, student research fellowships, etc.

WORKSHOP ON EXPLOSION & THEIR CHARACTERISTICS

The Centre for Safety Engineering at IIT Gandhinagar organized a workshop on "Explosion and Their Characteristics" on July 13–14, 2023. The experts from academia, industry, and consulting firms have delivered their expertise to the participants. Participants from state fire services, oil and gas PSUs, academia, etc. participated and explored the knowledge in the area of various types of explosions, mitigation techniques, safety challenges, the latest research, etc.

NABL ACCREDITATION & BIS RECOGNITION TO FERL

The Fire Engineering Research Laboratory (FERL) has achieved remarkable progress. In August 2023, FERL received ISO/IEC 17025:2017 accreditation by NABL and IS 3614:2021 recognition by BIS for the testing activities of building elements. FERL has state-of-the-art test facilities, and it is the only laboratory in India recognized by the Bureau of Indian Standards (BIS) for this scope of testing. The laboratory engages in commercial test activities and has completed more than ten successful commercial tests for industries as well as government projects.

WORKSHOP ON METRO FIRE SAFETY

The Centre for Safety Engineering at IIT Gandhinagar organized a workshop on Metro Fire Safety on Nov 27, 2023. The participants were invited from various affiliations, such as Delhi Metro Rail Corporation, Chennai Metro Rail Corporation, Bangalore Metro Rail Corporation, Delhi Fire Services, IIT Kharagpur, consulting firms, and industries. The workshop helped participants discuss technical fire-related challenges in Metro Fire Safety, solutions to overcome the challenges addressed, the discovery of new research areas, etc. The students of the Civil Engineering department at IITGN showcase their research related to egress models to the participants.

SIGNING OF MOU BETWEEN IITGN AND DG-FS, CD & HG

IITGN and the Directorate General of Fire Safety, Civil Defence, and Home Guards (DG-FS, CD, and HG), Ministry of Home Affairs, established collaboration and cooperation on Dec 27, 2023, to undertake joint programs and activities in the broad area of fire engineering with an aim to promote research, development, and capacity building in this area and thus contribute to building a fire-safe India. DG-FS, CD, and HG and institutions associated with them, for example, the National Fire Service College (NFSC), Nagpur, will engage with different departments and centers of IITGN as part of this MOU.

STUDENT PAPER CONTEST ON METRO FIRE SAFETY - DESIGN, MATERIALS, EGRESS, REGULATIONS, CODES & STANDARDS

The Centre for Safety Engineering organized a student paper presentation competition on Metro Fire Safety: Design, Materials, Egress, Regulations, Codes, and Standards. This competition helped to spread awareness about the importance of research and development in the area of Metro fire safety. This competition also benefited the research community, the student community, and industries that are working in this domain. Of all the 25 papers submitted for the competition, four best papers were awarded with prize money and selected for the final presentation at the Fire Safe Build India Conference and Expo organized from Feb 1–3, 2024, in Mumbai.

CSE PARTICIPATED AS A KNOWLEDGE PARTNER & EXHIBITOR IN FSBI EXHIBITION 2024

The Centre for Safety Engineering promotes the importance of passive fire protection. As a knowledge partner in association with Fire Safe Build India (FSBI), the center has represented its active engagement in the area of passive fire protection system testing, research and development, and consultation at its newly created test facility last year. People from various government institutions, departments, corporations, independent consultants, and research institutes have visited the stall. The exhibition was organized by FSBI on Feb 1–3, 2024, in Mumbai

CSE PARTICIPATED AS A EXHIBITOR IN COLAB 2024

The Centre for Safety Engineering has participated in a one-day industry open house program called CoLab2024 organized on Mar 2, 2024, to strengthen its robust academia-industry partnerships to create and facilitate smart solutions for fire safety-related challenges. CoLab2024 may be an excellent platform for the CSE to explore potential collaborations with PRL and other industries.

EXTERNAL AFFAIRS

MoUs

IITGN has been constantly building strong and mutually beneficial relationships with internationally renowned academic institutions and non-academic organisations. Several partnerships forged in the year 2023-24 that will benefit the students and the faculty.

COLLABORATION WITH TCS

IITGN signed a Memorandum of Understanding (MoU) with **Tata Consultancy Services (TCS)** Limited on May 2, 2023. The MoU will facilitate collaborative research and its publications; exchange of scholars for research through inbound and outbound sabbaticals, seminars, conferences, and workshops; internship for students with TCS Innovation Labs, and participation in call for proposals by TCS for specific industry problem(s).

MoU SIGNED WITH GUJCOST

IITGN signed four MoUs with the **Gujarat Council on Science & Technology (GUJCOST)** between May and June 2023 to carry out research work on four different projects funded by GUJCOST at IITGN.

MOU WITH VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES

The Institute has agreed to provide administrative, academic, and technical support to the **Vivekananda Institute of Professional Studies Technical Campus (VIPS-TC)** through an MoU signed on May 25, 2023, to foster cooperation in education and R&D activities between the two institutions.

MoU WITH AICTE

IITGN has entered into an MoU with the **All India Council for Technical Education (AICTE)** as well on May 26, 2023, to enhance the skills of students through internships and research scholarships. As a part of this collaboration, IITGN will enroll interns from higher education institutes of Jammu, Kashmir and Ladakh and various AICTE accredited institutions under the Prime Minister's Special Scholarship Scheme for internships during their summer and winter breaks.

MoU WITH TECC

The Institute has also partnered with the Education Division of **Taipei Economic and Cultural Centre in India (TECC)** on June 1, 2023, for establishment of a Taiwan Education Centre at the Institute and to disseminate knowledge about Mandarin language through courses and seminars.

MoU WITH GATI SHAKTI VISHWAVIDYALAYA

IITGN has signed a Memorandum of Understanding (MoU) with the **Gati Shakti Vishwavidyalaya (GSV)**, Vadodara on Aug 5, 2023. This new collaboration aims to promote research, teaching, and training activities of both institutions and deepen the understanding of the scientific, technological, and management issues relevant to the respective institutions. The MoU will also facilitate organisation of joint events, collaboration in submission for international projects and sponsored research opportunities, and exchange of faculty, students, and staff for research and professional development.

MoU WITH SAMAGRA SHIKSHA, TELANGANA

IITGN, through its Center for Creative Learning (CCL), and the **Samagra Shiksha, Telangana (TSS)**, entered into an MoU on Oct 10, 2023, for capacity building of teachers and enhancing the learning experience for students and teachers in Telangana. As a part of this collaborative partnership, CCL will conduct experiential pedagogy-based workshops and training for master trainers and teachers; provide STEM learning kits and activity boxes to TSS; conduct weekly online sessions for handholding of the teachers and for all the KGBV schools in the state to make the learning engaging and inspiring for students. In addition, TSS will also support in setting up a laboratory in Hyderabad, following a model of the CCL-IITGN.

COLLABORATION WITH IBM INDIA

IITGN has teamed up with **IBM India Private Limited** for innovative projects in the domains of Quantum Computing, Artificial Intelligence, and LLMs Hallucinations. The leadership teams from both the sides signed an Expression of Interest (EoI) on Oct 10, 2023, at IITGN to collaborate on student internships and projects, joint research projects, sponsored BTech and MTech projects, technology events, workshops, seminars, short courses, conferences, entrepreneurship promotion, and engagement through CSR support.

COLLABORATION WITH HEIL

IITGN signed a Memorandum of Agreement (MoA) with **Harsha Engineers International Limited (HEIL)**

on Oct 10, 2023. As per the MoA, HEIL will sponsor an MTech thesis project at IITGN to develop and commercialise a class of seismic isolation devices that can substantially enhance the earthquake safety of buildings and other structures.

PARTNERSHIP WITH DG-FS, CD & HG

IITGN has entered into an MoU with the **Directorate General - Fire Services, Civil Defence & Home Guards** on Dec 12, 2023, to undertake joint programmes and activities in the field of fire engineering to promote research, development, and capacity building in this area. It will also encourage exchange of faculty, students, and officials for sharing of R&D and training facilities. The collaboration will also extend to joint R&D projects, conferences, workshops, courses, and entrepreneurship development programmes.

MoU WITH NXP INDIA PRIVATE LIMITED

IITGN and **NXP India Private Limited** have entered into a Memorandum of Understanding (MoU) on Mar 06, 2024 to collaborate on various activities in the field of microelectronics, embedded systems design, and related areas. The collaboration aims to facilitate knowledge proliferation, joint research projects, and industrial exposure for students. Key objectives include conducting research projects, jointly guiding Masters/doctoral research, enabling collaborative student projects and internships, and organising workshops and design contests.

NATIONAL

MoU SIGNED WITH	OBJECTIVE
TATA Consultancy Services Limited, Mumbai	Exchange of scholars, researchers & students for research, publication, seminar, workshops. Internship for students with TCS Innovation Labs
Gujarat Council on Science & Technology, Gandhinagar	Research work on "A force-sensitive robotic gripper for fruits with integrated slip detection"
Taipei Economic and Cultural Centre in India	Disseminating knowledge about Mandarin language and promoting Taiwan's educational opportunities
All India Council for Technical Education, New Delhi, New Delhi	Enhancing the skill of students through internships, in general, and research scholarships
Vivekananda Institute of Professional Studies-Technical Campus, Delhi	Promoting academic collaborations and to participate in various academic endeavours
Gati Shakti Vishwavidyalaya, Vadodara	Collaborating for promoting research, teaching and training activities and to deepen the understanding of the scientific, technological, and management issues relevant to the respective institutions
TechFab (India) Industries Limited, Mumbai	To establish the TechFab India Initiative on Geotechnical Engineering and Geosynthetics at IITGN
Fulcrum - Capitalizing CSR, Vadodara	To provide financial support to students from economically disadvantaged backgrounds
Samagra Shiksha, Telangana	To establish a collaborative partnership with CCL to encompass various activities, training programs, and provision of STEM kits to schools across Telangana
Directorate General - Fire Services, Civil Defence & Home Guards (DG - FS, CD & HG)	To undertake joint programs and activities in the broad area of Fire Engineering with an aim to promote research, development, and capacity building in this area and thus contribute to building a fire safe
GLA University, Mathura, Uttar Pradesh	Exchange of students for SRIP and opportunity to GLA student to study a semester at IITGN
NXP India Private Limited	Research collaboration, getting exposure of practical R&D scenario in semiconductor industry for students and organizing seminars, workshops for faculty
Indian Institute of Technology Madras	Student exchange programme at IITGN
National Institute of Technology Meghalaya	Students exchange for SRIP, opportunity to NITM students to study for a semester at IITGN, offering Start Early PhD programme at IITGN, research work for faculty and other academic and research collaboration in the areas of mutual interest.
National Institute of Technology Jamshedpur	Students exchange for SRIP, opportunity to NITJSR students to study for a semester at IITGN, offering Start-Early PhD programme at IITGN.

INTERNATIONAL

California Institute of Technology	To provide IITGN students the opportunity to carry out individual research projects with Caltech faculty mentors as part of the SURF Program
Graduate School of Science Tokyo Metropolitan University	Promote academic cooperation and exchange, based upon the principles of equality and reciprocity
The University of South Florida	Facilitate academic and research cooperation
Deakin University, Australia	Cooperative relationship with the aim of developing and fostering academic links
Asian Institute of Technology, Thailand	To strengthen the relationship between two institutions by developing collaboration in academic, research, capacity building, training and faculty development activities
University of San Diego, USA	To enable educational exchange between two institutions for developing collaboration in academic, research, capacity building, training, and faculty development activities

IIT GANDHINAGAR INNOVATION AND ENTREPRENEURSHIP CENTER

IITGN Innovation and Entrepreneurship Center (IIEC) is a technology business incubator to support the incubation and technology commercialisation initiatives of the Institute. It aims to foster techno-entrepreneurship through innovative and creative thinking, using an interdisciplinary approach. During the year, IIEC supported around 42 startup teams working on different deep-tech products and solutions.

ACHIEVEMENTS OF THE START-UPS

IIEC held 4% equity in MiCob a start-up in 3D concrete printing, founded by **Shashank Shekhar** (PhD student, IITGN), **Ankita Sinha (**PhD, IITGN) and **Rishabh Mathur** (MTech, IITGN) received as gift at the time of starting the Incubation. IIEC has redeemed the equity with a value worth Rs 1.3 crores. Funds are already received by IIEC.

Cellegant Energy founded by **Prof Atul Bhargav** received Startup Grant of Rs 20 lakhs from Govt of Gujarat

Agrocast Technologies, founded by **Dr Harsh Shah**, coordinated the environment science conference at 6th Bhartiya Vigyan Sammelan 2023.

Srujan Grant of (Rs 3-5 lakh) from Govt of Gujarat to:

- Agrocast, founded by **Dr Harsh Shah**
- Galanto Innovations founded by **Dr Chandan Kumar Jha**
- Kalam Innovations founded by **Mahak Rathod**

NIDHI PRAYAS PROGRAMME

IIEC received funds of Rs 120 lakhs to implement the Nidhi Prayas programme for the cycle 2022-23. Under this programme, an innovator/team/startup is provided with the funding support of up to Rs 10 lakhs for converting the idea into a prototype.

INTERACTION OF STARTUPS WITH SHRI DHARMENDRA PRADHAN

Hon'ble Minister of Education **Shri Dharmendra Pradhan**, during his visit to IIT Gandhinagar for the Singapore India Hackathon, interacted with the entrepreneurs and startup companies during a product demonstration session organized on July 16, 2023. Shri Dharmendra Pradhan, provided valuable feedback to the startups and appreciated the efforts of the Incubation Center in nurturing the innovative startup companies.

INTERACTION OF STARTUPS WITH MS. YURIKO KOIKE, THE GOVERNOR OF TOKYO

Ms Yuriko Koike, the Governor of Tokyo, Japan, visited the Institute on July 8, 2023 along with a delegation of officials from Japan. She interacted with the deep tech startups supported by IIEC during her visit. She also visited the Center for creative learning and Maker Bhavan.

BUILD YOUR STARTUP WITH BV JAGADEESH

IIEC conducted a 5-day program called Build your startup with **Mr B V Jagadeesh** which was intended to address the unique needs and challenges faced by entrepreneurs. This annual program was conducted between Oct 28 - Nov 01, 2023. A total of 37 students and startups came to attend this program from all over Gujarat and the neighboring states. The program faculty, Mr B V Jagadeesh is a serial entrepreneur and a seasoned angel investor who designed the curriculum of this program and gave a holistic approach on how to build your startup, from product development to marketing, from pitching to fundraising and scaling up.

FINTECH MASTERCLASS

Fintech masterclass held on Nov 09, 2023, focussed on providing a comprehensive view of the fintech landscape. Spanning three decades, both Indian and Global, this overview delves into the evolution of financial technology, examining it from both technological and business model perspectives. In this session, students of IIT Gandhinagar and some of our new startups showed keen interest. The speaker for this session, **Mr Ravishankar**, besides being the co-founder of Active.ai, has over 15 years of experience as a banker. He is a visionary leader who has a proven track record of successful entrepreneurial ventures. The session was attended by about 20 students from IIT Gandhinagar and startups from IIEC.

INTERACTION WITH STARTUP FOUNDERS

A dynamic discussion involving three serial entrepreneurs - **Mr Murli Mohan Thirumale**, **Mr Jignesh Patel** and **Ms Dharti Desai** - with budding entrepreneurs of IIEC was held on Dec 14, 2023 to discuss and provide guidance to newcomers, helping them in the journey ahead. A total of 13 entrepreneurs joined for the session. The session started with a brief introduction of the startups present, their ideas and how they planned to move forward with their current status. The session concluded with valuable connections for potential future collaborations and ongoing guidance.

An interactive session between **Mr J A Chowdary,** founder of India Startup Foundation, Founding Director of STPI with **Mr Deenanath Harapanahalli**, CEO of LifeCykul and the startup founders associated with IIEC initiated with a brief round of introduction of the startups, their ideas, and future plans which involved a few tips, both specific to the startup and in general as well. A collective of 20 startups actively participated in this talk. This session was held on Dec 10, 2023.

The primary objective of this interactive session, led by **Mr Raghuttama Rao**, CEO of GDC, IIT Madras and **Mr Rajiv Jain**, COO of GDC, IIT Madras was to encourage the transformation of innovative technology concepts into deep-tech startups. The guests shared insights on how they are actively pursuing this goal at GDC, IIT Madras. A total of 17 startup founders showed interest in this topic and participated in the session. The session concluded with brief introductions of the startups and facilitated networking opportunities, fostering meaningful connections between the two groups as well as with the IIEC Team. This seminar was held on Dec 14, 2023.

IDE BANGALORE BOOTCAMP

To cultivate creativity and entrepreneurial spirit among students, IIEC organised the iDE 2024 program. This initiative empowered students to propose inventive concepts for potential business ventures. A jury appointed by IIEC evaluated and selected the most promising ideas, granting the opportunity for an exposure visit to India's thriving startup ecosystem which is planned from Mar 25-28, 2024 in Bangalore. Selected ideas, innovations, and startups will receive structured support for further development and incubation. The program spanned two days, Mar 13-14, 2024, providing approximately 50 students from IIT Gandhinagar the platform to showcase their ideas.

IIT GANDHINAGAR RESEARCH PARK

The IIT Gandhinagar Research Park seeks to push the boundaries of innovation and research by fostering a strong connection between industry and academia. Industries can set up their offices at the IITGN Research Park to carry out R&D activities. This allows them to be part of a vibrant community and gain access to R&D professionals, students and state-of-the-art R&D infrastructure at IITGN.

NEW COMPANIES IN THE RESEARCH PARK:

During this period 3 new companies **AgroCast Analytics Pvt Ltd**, **Gujarat Energy Training & Research Institute** and **Prompt Equipment Pvt Ltd**. joined the Research Park. In addition, discussion is going on with a few more industries to set up their offices at Research Park.

CURRENT COMPANIES IN IITGN RESEARCH PARK:

Name of the Company	Area currently occupied (sq ft)	Area of interest
Gujarat Urja Vikas Nigam Limited (GUVNL)	3760	Electric Power
DP Pulveriser Industries	242	Manufacturing
NASSCOM	8000	IoT and IT
PanIIT Alumni Reach For India Foundation (PARFI)	160	Skill Development
InfyU Labs Pvt Ltd	310	Agritech
Firetech Equipment & Systems Pvt Ltd	250	Firefighting and Fire Safety Equipments
Silver Touch Technologies	350	IOT, Cloud Management and IT Solutions
Geo Carte	250	Construction
AMNS India	51,151	Skill India 4.0
Cortex Construction Solutions Pvt Ltd	400	Construction
ThirdAI Pvt Ltd	150	IoT and IT
Shah Bhogilal Jethalal & Bros	500	Firefighting and Fire Safety Equipments
Biotech Vision Care Pvt Ltd	500	Health Care
AgroCast Analytics Pvt Ltd	co-working space in IIEC	Agritech
Gujarat Energy Training & Research Institute	1886	Training, Capacity Building and Energy Transition
Prompt Equipment Pvt Ltd	250	Equipment

ADVISORY COUNCIL

The 8th meeting of the Advisory Council of **IIT Gandhinagar Research Park** and **IIT Gandhinagar Innovation and Entrepreneur Center** was held on Dec 12, 2023. Distinguished council members discussed various strategic points to scale up industry engagement and entrepreneurship programmes at the Institute.

AWARDS AND RECOGNITIONS

- **Prof Arka Chattopadhyay**, assistant professor, Humanities and Social Sciences, has been awarded the '2023-2024 Harry Ransom Center Research Fellowship in the Humanities', for his project titled 'Beckett and Coetzee: Mathematical Modernisms'.
- **Prof Vinod Narayanan**, associate professor, Mechanical Engineering, has been awarded the 'Fulbright-Nehru Academic and Professional Excellence Fellowship' for 2023-24.
- **Prof Neeldhara Misra**, Smt Amba and Sri V S Sastry Chair associate professor, Computer Science & Engineering, and **Prof Dhiraj Bhatia**, assistant professor, Biological Sciences and Engineering, have been selected as members of the Indian National Young Academy of Sciences (INYAS) for the year 2023.
- **Prof Pankaj Khanna**, assistant professor, Earth Sciences, is selected as the only research scientist and sedimentologist from India to participate in the offshore phase of the International Ocean Discovery Program (IODP)'s Hawaiian Drowned Reefs Expedition ("IODP Expedition 389") from Aug 29 to Nov 1, 2023.
- **Prof Aashish Xaxa**, assistant professor, Humanities and Social Sciences, is inducted as a lifelong member in the Development Studies Association, UK. This recognition comes after he presented his article titled "Dismantling colonial cartography: Indigenous urbanism as spatiality, India" at the Development Studies Association International Conference held at the University of Reading, UK. The same article has also been published in a UN volume on Oct 4, 2023.
- **Prof Arpan Bhattacharyya**, assistant professor, Physics, is selected as an associate of the Indian Academy of Sciences (IASc) 2023.
- **Prof Nipun Batra**, assistant professor, Computer Science and Engineering, is awarded the Young Alumni Award for 2023 by Indraprastha Institute of Information Technology Delhi for his notable contribution to knowledge, technological innovation/discipline.
- **Prof Vimal Mishra**, professor, Civil Engineering, was elected as a Fellow of the Indian Meteorological Society in recognition of his outstanding contributions to meteorology and allied fields of science and technology.
- **Prof Manish Kumar**, associate professor, Civil Engineering, was named as a co-chair of the World Housing Encyclopedia executive committee, which operates under the Earthquake Engineering Research Institute to enhance earthquake safety across the world.
- A collaborative work – titled "A paradigm shift in infectious diseases" by **Prof Argha Manna**, Artist-in-Residence, Department of Humanities and Social Sciences', with **Prof Lydia Bourouiba**, Principal investigator, Fluid Dynamics of Disease Transmission Laboratory, Massachusetts Institute of Technology (MIT), USA, was exhibited at the MIT Center for Art, Science & Technology from Dec 4 to 14, 2023.
- **Prof Projesh Nath Choudhury**, assistant professor, Mathematics, was awarded the Indian Mathematical Society's Subhash Bhatt Award for the year 2023, for his paper "Characterising total positivity : Single vector tests via linear complementarity, sign non reversal, and variation diminution" published in the Bulletin of the London Mathematical Society.
- **Prof Vineet Vashista**, associate professor, Mechanical Engineering, was selected for membership in the Indian National Young Academy of Sciences (INYAS) for five years, in recognition of his credentials and commitment to service to society through science.
- **Prof Sivapriya Kirubakaran** received the Alumni excellence award from The Ethiraj College for Women, University of Madras, in recognition of her outstanding achievements as part of their 75th-anniversary celebrations.
- **Prof Srinivas Reddy**, guest professor, Humanities and Social Sciences, has been awarded a Fulbright Academic and Professional Excellence Award and will be in India for the 2024-25 academic year. Prof Reddy will be based at IITGN where he will be teaching courses and conducting research related to his project entitled 'Transcribing Traditional Indian Music for Modern Educational Spaces: Historicizing Trends in Hindustani Raga Music Notation and Pedagogy'.

FACULTY EXCELLENCE AWARDS

The institute conferred Faculty Excellence Awards to the following four faculty members:

FOR EXCELLENCE IN TEACHING

Prof Udit Bhatia, assistant professor, Civil Engineering

In recognition of his outstanding contributions, achievements and innovations in teaching

FOR EXCELLENCE IN INSTITUTION BUILDING

Prof Abhijit Mishra, associate professor, Materials Engineering

In recognition of his outstanding contributions and achievements in institution building activities.

FOR EXCELLENCE IN RESEARCH

Prof Nithin V George, TEOCO Chair associate professor, Electrical Engineering

In recognition of his outstanding contributions and achievements in research

FOR EXCELLENCE IN OUTREACH ACTIVITIES

Prof Naran Pindoriya, associate professor, Electrical Engineering

In recognition of his outstanding contributions to outreach activities.

FACULTY CHAIR POSITIONS

Several well-wishers of the institute have established endowed chairs positions at IITGN to reward excellence and help retain outstanding faculty. This year three faculty members were awarded faculty chair positions with effect from Sep 5, 2023:

Prof Amit Prashant, professor in Civil Engineering (BIS Standardization Chair)

Prof Vimal Mishra, professor in Civil Engineering (Vikram Sarabhai Chair)

Prof Gopinadhan Kalon, associate professor in Physics (Kanchan and Harilal Doshi Chair)

LIST OF OTHER FACULTY CHAIRS AT IITGN

Name of the Faculty Chair	Name of the Donor	Current Occupant
JASUBHAI MEMORIAL CHAIR	Mr Maulik Jasubhai Shah	Prof Jaison A Manjaly, professor, Philosophy & Cognitive and Brain Sciences
B S GELOT CHAIR	Mr Gordhanbhai B Gelot	Prof Chinmay Ghoroi, professor, Chemical Engineering
TEOCO CHAIR	Mr Atul Jain	Prof Nithin V George, associate professor, Electrical Engineering
MAULANA ABUL KALAM AZAD CHAIR	Mrs Hamida Banu Chopra	Under this Chair, eminent scholars of Urdu are invited as visiting professors or scholars-in-residence for lectures, seminars and other scholarly endeavours
N RAMA RAO CHAIR	Mr N R Narayana Murthy	Prof Anirban Dasgupta, professor in Computer Science and Engineering
JIBABEN PATEL CHAIR IN ARTIFICIAL INTELLIGENCE	Dr Jagdish Patel	Prof Shanmuganathan Raman, associate professor in Electrical Engineering jointly with Computer Science & Engineering
SUDHIR K JAIN CHAIR	IITGN Foundation, USA	Prof Rajat Moona, director and professor in Computer Science and Engineering
JIBABEN PATEL CHAIR	Dr Jagdish Patel	Prof Pratik Mutha, associate professor in Biological Sciences and Engineering
IRMA AND USHAKANT THAKKAR CHAIR	Dr Ushakant Thakkar	The Chair will enable teaching of courses on Sanskrit language and literature
KANKUBEN BAKSHIRAMBHAI GELOT CHAIR	Mr Gordhanbhai B Gelot	Prof Sivapriya Kirubakaran, associate professor in Chemistry
DR DINESH O SHAH CHAIR	Dr Dinesh O Shah	Prof Kabeer Jasuja, associate professor in Chemical Engineering
SMT AMBA AND SRI V S SASTRY CHAIR	Prof A V Anilkumar	Prof Neeldhara Misra, associate professor in Computer Science & Engineering
DR VILAS MUJUMDAR CHAIR	Dr Vilas Mujumdar	Prof Gaurav Srivastava, associate professor in Civil Engineering
SMT MEERA AND PROF GIRISH K SHARMA CHAIR	Mrs Rashmi Sharma and Mr Manish Sharma	Prof Sameer V Dalvi, professor in Chemical Engineering
ANU AND B V JAGADEESH CHAIR	Smt Anuradha Jagadeesh and Shri B V Jagadeesh	This chair will provide leadership and support for our entrepreneurship initiatives,
PANDYA-SHIVPURI CHAIR	Dr Darshan Pandya	This chair aims to promote excellence and leadership in interdisciplinary research
ARCHAEOLOGICAL SURVEY OF INDIA (ASI) CHAIR	Archaeological Survey of India (ASI)	This chair will promote research in various aspects of archaeology through various collaborative and scholarly activities

STUDENTS' AWARDS AND RECOGNITIONS

- **Rashi Kumar,** an MSc student in Cognitive Science, has been selected as an Advance Alzheimer's Research and Treatment (ISTAART) Ambassador for 2023-2024.
- **Ahana Ghosh** and **Shruti Singh**, PhD scholars in Humanities and Social Sciences and Computer Science and Engineering, respectively, have won the coveted Fulbright-Nehru Doctoral Research Fellowship 2023-24.
- Five IITGN PhD scholars from different disciplines have bagged the coveted Prime Minister's Research Fellowship in the December 2022 cycle. These recipients include: **Hiren Solanki**, Earth Sciences; **K K Gayatri Priyadarsini**, Computer Science and Engineering; **Saptaswa Ghosh**, Physics; **Shouharda Ghosh**, Electrical Engineering; and **Shreyas A Shenoy**, Chemical Engineering.
- **Safya Nasir**, a PhD scholar, has been awarded the Khorana Program for Scholars.
- **Ashish Tiwari**, PhD scholar in Electrical Engineering, and his faculty advisor **Prof Shanmuganathan Raman**, Jibaben Patel Chair associate professor, Electrical Engineering jointly with Computer Science & Engineering, have been awarded the Qualcomm Innovation Fellowship (QIF) for 2023-24.
- **Dr Poulami Nandi**, a postdoctoral fellow in Physics, has won the Fulbright-Nehru Postdoctoral Research Fellowship 2023-24.
- **Dr Sonam**, a research associate in Earth Sciences, has been awarded the Fulbright-Kalam Climate Fellowship for Postdoctoral Research.
- A paper by an IITGN team including **Aalok Gangopadhyay**, **Prajwal Singh**, **Ashish Tiwari**, and **Prof Shanmuganathan Raman** won the best poster presentation award in Pacific Graphics 2023 at Daejeon, South Korea.
- **Prathiksha Ramesh** and **Subhankar Raha**, MTech 2024 students of Biological Sciences & Engineering, were awarded the DAAD (Deutscher Akademischer Austauschdienst) Fellowship 2023-24.
- **Rishiraj Adhikary**, a PhD student of Computer Science and Engineering, was recognised as a finalist for the UbiComp Gaetano Borriello Outstanding Student Award.
- **Kishalay Raj**, an MTech student of Materials Engineering, was awarded the prestigious Reliance Foundation Postgraduate Scholar Award.
- **Avinash Jha** and **Bhabya Thakur**, and **Prof Sushobhan Sen** won the best paper award under the category of "Pavements and Materials" at the 7th Conference of the Transportation Research Group of India (7th CTRG) in Surat.
- **Shruti De** and **Rituparna Jana** from the Department of Electrical Engineering won best paper awards at the International Conference on Optics, Photonics and Quantum Information (OPTIQ 2023) (46th symposium of the Optical Society of India, OSI) held during Dec 11-13, 2023 at the Cochin University of Science and Technology (CUSAT), Kochi.
- **Monika Pokharia, Prof Ravi Sadanand Hegde**, and **Prof Joycee M Mekie** won the best paper titled Power-effiicient approximate multipliers leveraging hybrid CMOS-memristor paradigm at the 19th Asia-Pacific conference on Circuits & Systems (APCCAS 2023) in Hyderabad.
- **Shruti Singh**, a PhD student in computer science and engineering, IITGN, has been awarded the prestigious "Fulbright-Nehru Doctoral Research Fellowship for 2023-24'. As part of the scholarship, Shruthi will be working on Aspect representations of scientific texts with Prof Arman Cohan at Yale University.
- **Camellia Biswas**, PhD scholar, Humanities and Social Sciences, has received the Cultivating the Humanities and Social Sciences Research Grant, which will support a four-month dissemination project from her PhD thesis. Additionally, she has been selected for the International Society For Anthrozoology (ISAZ) 2024 Diversity, Equity, Inclusion, and Belonging (DEIB) Award.
- **Prasanth P Nair**, PhD scholar, Mechanical Engineering, has been selected for India's Science and Engineering Research Board (SERB) Overseas Visiting Doctoral Fellowship Program (OVDF) at Purdue University.
- **Camellia Biswas** and **Ahana Ghosh**, PhD scholars in the department of Humanities and Social Sciences, have been awarded the prestigious INTACH Research Scholarship for the academic year 2023-24.
- **Satadru Chakrabarty,** PhD scholar, Chemical Engineering, bagged the first prize in the INYAS Saransh: Three Minutes Thesis Competition 2023 in the engineering sciences category.
- **Vysakh R**, PhD scholar, Humanities and Social Sciences, has received the Harvard-Yenching Fellowship for the academic year 2024-2025 for one year of doctoral study at Harvard University. The fellowship is awarded to outstanding students from Asian universities in the fields of linguistics and anthropology.
- IITGN students **Gaurav Rawat** and **Varad Sardeshpande** won gold and silver medals, respectively at the inter-college badminton tournament, in Singles Category, hosted by NIFT Gandhinagar.
- **Sumit Yadav**, a preparatory course student,

won a gold medal in the long jump at the 7th UP State Para Athletics Championship-2023 and also bagged two silver medals in the long jump and javelin throw games in the U-19 Boys' category at the 12th National Junior & Sub Junior Para Athletics Championship 2023. He has also qualified for the national para athletics championships.

- The girls' basketball team clinched a silver medal in the Justice League held by Gujarat National Law University.
- The staff cricket team secured a silver medal in the Dr Vikram Sarabhai Space Cricket tournament.
- IITGN students **Nikhil Borase** and **YS Raghu** secured prizes at the Khel Mahakumbh competition 2024. Nikhil won the first position in the javelin throw men's open category at the zone level and 4th position at the district level at the Khel Mahakumbh competition 2024. Raghu secured first position in 200m men's open category at zone level and 2nd position at the district level.
- IITGN students won a total of 8 medals at the Gujarat National Law University (GNLU) Justice League held from Feb 10-13, 2024. **Komal**, **Abhjimanyu**, and **Vivek Yadav** won the first positions in different categories in powerlifting. **Pranav Patil** and **G Gunjyal** bagged the third prize in the tennis mixed event. **Nikhil Borase**, **Ashwini Shankar**, and **Ankesh Kumar** won prizes in athletics.
- **Nikhil Borase** and **Hemant Poonia** secured the first and second positions in javelin throw and discus throw, respectively.

EXCELLENCE AWARDS TO STAFF

The following staff members were awarded Staff Excellence Awards for the year 2023-24 by Prof Rajat Moona, director, IITGN, on the occasion of 75th Republic day on Jan 26, 2024. Through these awards, the institute formally recognises the sustained devotion and exemplary service of its employees:

Mr Rahulendra Bhaskar, technical superintendent
Mr Rajendra Vaishnav, accounts officer
Mr Shailesh Patani, junior assistant
Mr Nirav Bhatt, junior laboratory assistant
Ms Jinal Panchal, senior software developer
Ms Bharti Makwana, sports assistant
Mr Jignesh Kapadiya, assistant program manager
Mr Sureshsinh A Rathod, security supervisor
Mr Tinku, mess staff
Ms Chandrikaben Parmar, housekeeping staff
Mr Hashmukh Gurjar, housekeeping staff
Mr Vasudev Lalbhai, waste management staff

CAMPUS DEVELOPMENT AWARDS

The Institute felicitated following community members with Campus Development Awards for the year 2023-24 on the occasion of 75th Republic Day on Jan 26, 2024, for their outstanding contributions in campus development and management related activities:

Mr Narayan Singh, security guard
Mr Narendrasinh Chauhan, groundman
Ms Kailashben Vaghela, housekeeping staff
Mr Sanjaykumar Baria, plumber
Mr Raksheetkumar Parmar, amazon delivery person
Mr Prashant Makwana, assistant, student affairs

AWARDS AND RECOGNITIONS TO IIT GANDHINAGAR

AWARD FOR CENTRAL ARCADE

IITGN's central arcade-student activity centre building bagged the '32nd JK Architect of the Year Award' in the public building category on Mar 4, 2023. The building has been designed by Mitimitra Consultants.

IITGN AWARDED 5G USE CASE LAB

IITGN has been awarded one of the 100 5G Use Case Labs announced by the Department of Telecommunications, GoI, at India Mobile Congress 2023 on Oct 26, 2023. These 5G labs will play a crucial role in upskilling local innovators, students, startups and MSMEs for the development of a new generation of applications for the country's needs in sectors like health, agriculture, and manufacturing to create innovative products and startups.

GREEN UNIVERSITY AWARD 2023

Adding yet another feather to its cap, IITGN has won the International Green University Award 2023 by the Green Mentors, USA, a non-government organisation with special consultative status with the United Nations Economic and Social Council (ECOSOC), for its holistic approach to sustainable practices and instilling eco-conscious values among students. Mr P K Chopra, Registrar, received the award on behalf of IITGN on Sep 15, 2023, at the 7th NYC Green School Conference held at Cornell University, USA.

IITGN AWARDED THE ACS STUDENT CHAPTER

The American Chemical Society (ACS) chartered IITGN as an ACS International Student Chapter in Feb 2024. As members, IITGN students will have the opportunity to organize various conferences and interact with renowned scientists in the field. The student leaders include Deepika Khasa, Anjila Siddiqui, Tarisha Gupta, Gaurav Rai, Haritha D, and Snehanjali Behera. **Prof Sivapriya Kirubakaran**, Kankuben Bakshirambhai Gelot Chair associate professor, Chemistry, is the faculty advisor while **Prof Biswajit Mondal**, assistant professor, Chemistry, is the faculty co-advisor for the student chapter.

NIRF'S INDIA RANKINGS 2023

Showcasing extraordinary progress in its pursuit of academic excellence, IITGN broke into the top 20 institutes in the engineering category by being ranked at the 18th spot (up from 23rd rank in 2022) and jumped 13 positions from last year (up from 37th rank in 2022), to be ranked 24th in the overall category of the India Rankings 2023 announced by the National Institutional Ranking Framework (NIRF) on June 5, 2023. The Institute has improved its rank in the research institutions category as well by reaching the 31st rank (from 34th rank in 2022).

OUTREACH ACTIVITIES

NEEV: IIT GANDHINAGAR COMMUNITY OUTREACH PROGRAM

NEEV is a community outreach program of IIT Gandhinagar that empowers women and youth from under-served communities through skill development, entrepreneurship, and livelihood programs. Since 2014, NEEV has conducted over **150** projects and activities for over **5200** beneficiaries from the Ahmedabad/Gandhinagar areas, including over **30** nearby villages.

During **2023-24**, NEEV organized **37** projects and activities for **1284** beneficiaries from **30+ villages** including Palaj, Basan, Chiloda, Dabhoda, Prantiya, Magodi, Ratanpur, Kolavada, Alampur, Dholakuva, Lekawada, Pethapur, Chala, Lavarpur, Nava Dharampur, Borij, Mota Isanpur, Rampura, Chandrala, Dholarana Vasna, Dhanap, Shahpur, Vadodaragam, Vavol, Bhundiya, and nearby peri-urban areas in Gandhinagar and Ahmedabad cities. A majority of these projects were conducted in partnership with The Desai Foundation Trust.

STITCHING SKILLS TRAINING COURSE

With a focus on empowering rural women, NEEV conducts training courses in sewing within different villages. The modules include measurement, marking, cutting and sewing various products such as cushion covers, cloth bags, baby frocks, salwar-kameez, and ladies blouses. **Three batches of sewing courses** were conducted in 2023-24:

- A 10-week course was conducted during Apr 03 - Jun 09, 2023 at Basan village for 21 women.
- An 8-week course was conducted during Oct 02 - Dec 01, 2023 at Chiloda village for 30 women.
- An 8-week course was conducted during Jan 08 - Mar 01, 2024 at Dabhoda village for 37 women.

BEAUTICIAN SKILLS TRAINING COURSE

NEEV's beautician skills training courses, conducted within the villages itself, enables women to learn the basics of grooming, hairstyle, make-up, and mehendi. **Three batches of beautician courses** were conducted in 2023-24:

- A 10-week course was conducted during Apr 03 - Jun 09, 2023 at Palaj village for 32 women.
- An 8-week course was conducted during Oct 02 - Dec 01, 2023 at Chiloda village for 16 women.
- An 8-week course was conducted during Jan 08 - Mar 01, 2024 at Dabhoda village for 24 women.

COMPUTER SKILLS TRAINING COURSE

The purpose of this course is to increase computer literacy among village youth and women. The participants are taught basic computer operation, MS Word, MS Excel, MS Powerpoint, logging into the network, use of the internet, email basics, search engines, etc. **Three batches of basic computer skills courses** were conducted in 2023-24:

- Two batches of the 6-week course were conducted during May 01 - Jun 09, 2023 at IIT Gandhinagar for 40 and 41 participants respectively in each batch.
- A 6-week course was conducted during Oct 02 - Nov 10, 2023 at IIT Gandhinagar for 26 participants.

SPECIALISED COMPUTER TRAINING COURSE

- A 6-week **Data-entry and typing training course** (Data Entry, English and Gujarati Typing, MS Excel, Google Drive) was conducted during Jul 17 - Aug 25, 2023 at IIT Gandhinagar for 30 participants.
- A 6-week **Website designing training course** (Beginner Level Wordpress, Domain Booking, Hosting Information) was conducted during Jul 24 - Sep 01, 2023 at IIT Gandhinagar for 11 participants.
- A 6-week **Social media graphic designing course** (Beginner Level Graphic Design Fundamental, Canva Basic, print and digital media design using canva, Social media marketing skill) was conducted during Oct 02 - Nov 10, 2023 at IIT Gandhinagar for 24 participants.
- A 6-week **Tally skills training course** (introduction to basic to intermediate accounting operations using Tally software) was conducted during Jan 22-Mar 01, 2023 at IIT Gandhinagar for 16 participants.
- A 4-week **Computer hardware training course** (Introduction of Hardware component and Peripheral devices, OS Formatting) was conducted during Feb 05 -Mar 01, 2023 at IIT Gandhinagar for 20 participants.

ENTREPRENEURSHIP DEVELOPMENT WORKSHOP

The purpose of this workshop is to encourage participants to start their own enterprises. Topics discussed include idea generation, market research, business arithmetic, business plan formulation, marketing, promotion, negotiation skills and so on. Three workshops were conducted in 2023-24.

- An 1-week workshop was conducted during Jun 26 - Jul 01 2023 at IIT Gandhinagar for 21 participants.
- An 1-week workshop was conducted during Aug 28 - Sept 02, 2023 at IIT Gandhinagar for 31 participants.
- An 1-week workshop was conducted during Dec 18-23, 2023 at IIT Gandhinagar for 36 participants.

SPOKEN ENGLISH TRAINING COURSE

NEEV conducts Spoken English training courses with modules on basic grammar, pronunciation, commonly used words in daily life, self-introduction, preparing for personal interview, with the help of descriptive writing and speaking, role-play and group discussions. Three batches of this course were conducted in 2023-24:

- A 6-week course was conducted during May 01 - Jun 09, 2023 at IIT Gandhinagar for 40 participants.
- A 6-week course was conducted during Jul 17 - Aug 25, 2023 at IIT Gandhinagar for 30 participants.
- A 6-week course was conducted during Jan 22 - Mar 01, 2024 at IIT Gandhinagar for 12 participants.

VOCATIONAL SKILLS TRAINING COURSE

As part of the vocational skills training course, a 4-week course in **Computer Hardware and Networking** was conducted during May 15 - Jun 09, 2023 for 66 students from Industrial Training Institute, Sector 15, Gandhinagar. A 3-week introductory course in **CNC Machining** was conducted in collaboration with Mechanical Engineering Lab, IIT Gandhinagar during May 15 - Jun 02, 2023 for 17 students from Industrial Training Institute, Sector 15, Gandhinagar.

SHORT-DURATION TRAINING COURSES

- An 1-week **Chocolate and candle making workshop** was conducted during Jul 10-14, 2023 at IIT Gandhinagar for 18 women.
- An 1-week **Chocolate and candle making**

workshop was conducted during Jul 24-28, 2023 at IIT Gandhinagar for 16 women.

- A 5-day **Training of trainers in stitching skills** (product overview, market linkages, costing, pricing) was conducted during Mar 11 - 15, 2024 at NEEV training room, IIT Gandhinagar for 25 women.

MENSTRUAL HEALTH AWARENESS

NEEV conducts menstrual health and gynecological awareness sessions for the women from surrounding communities. The following sessions were conducted in IIT Gandhinagar in 2023-24:

- a session women from Basan and Palaj on June 28, 2023 at for 40
- a session for 23 women on Aug 07 , 2023 at Palaj village
- a session for 42 women on Nov 29, 2023 at Chiloda village
- a session for 55 women on Feb 27, 2024 at Dabhoda village

CAREER DEVELOPMENT SESSIONS

NEEV conducts awareness sessions on topics such as writing an effective resume, tips for interview preparation, job search websites. The following sessions were conducted at IIT Gandhinagar in 2023-24:

- a session for 86 participants was conducted on Jun 06, 2023 in collaboration with Career Development Services IIT Gandhinagar
- a session for 66 participants was conducted on Aug 23, 2023 in collaboration with Career Development Services IIT Gandhinagar
- a session for 47 participants was conducted on Oct 11, 2023
- a session for 43 participants was conducted on Feb 29, 2023

BANKING AND FINANCIAL LITERACY

NEEV conducts awareness sessions to create general awareness about operating bank accounts, digital payments, and government welfare schemes. Expert facilitators from local banks are invited to conduct this session. The following sessions were conducted in 2023-24:

- sessions were conducted on May 25, 2023 at Basan and Palaj village for 51 women
- a session was conducted on Aug 07 , 2023 at Palaj village for 23 women
- a seminar was conducted on Oct 27, 2023 at Chiloda for 55 women
- a seminar was conducted on Feb 22, 2024 at Dabhoda for 56 women

SEWING LIVELIHOOD - MARKET LINKAGES

NEEV facilitated bulk orders for products such as bags and stoles for conferences and workshops, and custom orders for apparel such as dress, blouse, kurtas etc. Notably, around **18** women have collectively earned close to **Rs 4.2 lakhs** through such orders during 2023-24.

NEEV TEAM

Ms Soumya Harish is program manager-II, and **Ms Roshani Patel** is the program associate-I of NEEV. Other team members include, **Ms Ritu Singh, Ms Mamta Parekh, Mr Adarsh Chauhan, Ms Laxmi Thakor, Ms Laxmi Vanzara,** and **Mr Bharat Thakor.**

NYASA: IITGN'S COMMITMENT TO SOCIAL OUTREACH

Nyasa is a student-led initiative at IITGN, dedicated to improving the lives of the socio-economically weaker communities around us. Key initiatives include - Nyasa school, which provides free education to children of migrant workers, experiential summer camps, distribution drives, Akanksha program enhancing the core subjects' proficiency of nearby Basan and Palaj Primary Government Schools, Chetana program encouraging the interaction between the IITGN community and Nyasa kids, Umeed bridging the digital gap for IITGN's contractual workers and our flagship event, Sanjeevani - the health mela to provide essential healthcare services.

SUMMER CAMP 2023

A 10-day summer camp was conducted from May 25-June 3, 2023 for over 100 children from Government primary school, Palaj and construction workers' colonies of IITGN. The camp featured a plethora of exciting hands-on activities on various themes and learning modules to inspire the kids while having fun, promoting critical thinking, inculcating leadership skills, and creating a memorable experience. About 35 mentors, including students, faculty, and community members of IITGN, conducted various sessions with the help of about 50 student volunteers from the IITGN community.

SANJEEVANI 2024

The 8th edition of Sanjeevani, annual health camp,

took place at Borij village, Gandhinagar, on Feb 4, 2024. During the initial camp, basic health checkups were conducted onsite, and medications were dispensed immediately to the attendees. This initiative benefited over 500 individuals from the community, with the support of more than 30 volunteers and 9 specialized medical professionals. In addition to the health checkups, the event also featured a cancer awareness stall, children's games. Following the initial camp, a subsequent follow-up checkup event was organized for individuals diagnosed with conditions requiring ongoing treatment. Those in need of follow-up care were taken to the civil hospital for further medical evaluation.

UMEED PROGRAMME

During the period from Oct-Dec, Nyasa successfully executed the Umeed program, dedicated to uplifting the skills of contractual workers at IITGN, notably including security guards. Umeed initiative strategically addresses the digital divide among our contracted staff, offering comprehensive training in essential computer skills and English proficiency.

NYASA SCHOOL

Throughout the year, Nyasa reached out to various groups, including children of metro workers, construction workers of IITGN. The efforts aimed to enhance their basic literacy skills and cultivate a love for learning. They were provided with stationary to support their continued studies. We celebrated several festivals with them, including Independence day, Teachers' Day, Ganesh Chaturthi, National Wildlife Week, Diwali, Onam, Saraswati Puja, Republic Day, Holi creating moments of community and joy throughout the year.

CHETANA PROGRAM

This year Chetana 6.0 was conducted in two phases, one during each semester, which served as a platform within the IITGN community to engage, communicate and enrich the knowledge of children at Nyasa School. Serving to a range of age groups, from playful kindergarten to aspiring secondary students. A couple of library sessions and numerous other co-curricular activities were conducted, including diya painting sessions, art sessions and regular drawing sessions.

DISTRIBUTION DRIVES

Nyasa organized four distribution drives aimed at benefiting various groups, including construction workers of IITGN, metro workers residing in front of campus, and contractual workers encompassing staff from housekeeping, horticulture, mess, laundry, and security departments. The distributed items included menswear, ladieswear, and childrenswear, plain clothes, bed sheets, pillows, footwear, toys, blankets, bags, and ladies' accessories.

PROGRAMMES WITH PALAJ AND BASAN PRIMARY GOVERNMENT SCHOOLS: VISIT DURING INTER IIT SPORTS MEET

Nyasa arranged a one day visit of each Basan and Palaj school student of class 6-8 during the Inter IIT sports meet. From intense squash showdowns to exhilarating football clashes, every match brought joy to their faces. In a day filled with adventure and unforgettable memories, the kids also had mutual interactions, and shared a hearty time with the different groups.

AKANKSHA PROGRAM

NYASA diligently carried out its educational project, Akanksha, aiming to improve basic skills in key subjects at Palaj and Basan Government schools like mathematics and Gujarati. Volunteers spent time with small groups of 4-5 students, holding hour-long sessions three times a week at each school. This personal touch helped in effective communication and customizing lessons to meet students' individual

needs, creating an ideal learning atmosphere. On the auspicious occasion of Diwali, Nyasa spread joy by distributing chocolates to all students and staff of both schools, adding a touch of festivity to their educational experience.

GANESH CHATURTHI CELEBRATION

Basan kids joined the Ganesh Utsav celebrations at IITGN, enjoying various activities. They created portraits of Lord Ganesh, got inspired by the theme of Chandrayaan 2, and received stationery kits for participation. The event combined culture, creativity, and education, leaving a lasting impression on everyone involved.

WILDLIFE WEEK CELEBRATION

The students of Palaj Government School participated in several events during the National Wildlife Week organized by KPCSD from Oct 4-8, 2023. They enjoyed wildlife documentary screening, played interactive quizzes, CCL sessions and wild species exhibitions by the Seven bad birders team. Nyasa handled the “Nature Fest” event in which our campus and Nyasa school kids brought the jungle to life with a fantastic fancy dress show, impersonating their favorite animals and mimicking them.

TAARE ZAMEEN PAR

Nyasa, in collaboration with Odyssey, the astronomy club, organized a star-gazing session for the students of Basan government school. On Mar 20, 2024, the students used a manual reflector telescope to observe Jupiter and the moon, while also enjoying views of Orion's Nebula through the eVscope 2 digital telescope. The Odyssey team satisfied the children's curiosity about the cosmos, lasers and telescopes.

EVENTS AND ACTIVITIES

INSTITUTE HIGHLIGHTS

DEDICATION OF PHASE 1B INFRASTRUCTURE AND FOUNDATION STONE LAYING OF PHASE 2A

Hon'ble Prime Minister Shri Narendra Modi dedicated Phase 1B infrastructure and laid the foundation stone of student hostels and staff residences of IIT Gandhinagar (IITGN) for Phase 2A construction of the Institute on Feb 20, 2024 via video conference. Hon'ble Governor of Gujarat, **Shri Acharya Devvrat**, was the distinguished guest of honor for the event at IITGN. IITGN's new Academic Buildings house the Institute Library, several classrooms for students, laboratories, faculty chambers, and a Maker Space- a space which provides hands-on learning experience to students. One Jal Mandap and 4 lawn tennis courts were also constructed under phase 1B project.

VIRTUAL INTERACTION WITH HON'BLE PRIME MINISTER SHRI NARENDRA MODI

IITGN's students, faculty, and staff participated in a virtual interaction via video conferencing with Hon'ble Prime Minister **Shri Narendra Modi** on Mar 13, 2024. The Prime Minister's address was based on the Semiconductor Mission of India. During the programme, he also laid the foundation stones of three semiconductor projects located in Gujarat and Assam. More than 500 students, faculty, staff, and school students from Gandhinagar and Ahmedabad took part in the programme from IITGN.

SHRI SANJIV PURI APPOINTED AS CHAIRPERSON, BOG

Shri Sanjiv Puri, chairman and managing director of ITC Limited, one of India's leading conglomerates, is appointed as Chairperson of the Board of Governors of IITGN. His appointment is approved by the President of India for a period of three years with effect from Aug 25, 2023. An alumnus of IIT, Kanpur and the Wharton School of Business, USA, Shri Puri has held several business leadership positions during his career spanning over three decades at ITC and its subsidiaries. Presently, he also serves as the President-Designate of CII.

SHANTI SWARUP BHATNAGAR PRIZE 2022 TO PROF VIMAL MISHRA

Prof Vimal Mishra, professor, Civil Engineering, is bestowed with India's topmost science award - the Shanti Swarup Bhatnagar Prize 2022 by the Council of Scientific & Industrial Research (CSIR), India, for his outstanding contributions towards examining the role of anthropogenic and natural factors on hydrologic extremes and water resources in India. Prof Mishra is the sole awardee in the Earth, Atmosphere, Ocean, and Planetary Sciences category this year.

NATIONAL TEACHERS' AWARD 2023 TO PROF INDRANATH SENGUPTA

Prof Indranath Sengupta, professor, Mathematics, is awarded the National Teachers' Award 2023 by the Ministry of Education for his dedication and contribution to higher education and enriching the lives of his students. The award was conferred to him by Hon'ble President of India Smt Droupadi Murmu on Sep 5, 2023.

COLLABORATION WITH DEAKIN UNIVERSITY

IITGN and Deakin University, Australia, joined hands on Nov 6, 2023, for academic and research collaboration. The Memorandum of Understanding (MoU) was signed and exchanged by **Prof Iain Martin**, vice chancellor, Deakin University, and **Prof Rajat Moona**, director, IITGN, in presence of **Hon Jason Clare** MP, Minister for Education, Government of Australia, and **Shri Dharmendra Pradhan**, Minister of Education and Skill Development and Entrepreneurship, Government of India (GoI), during the India-Australia Bilateral Meeting between Ministers of Education of both nations, and the 1st Australia India Education and Skills Council meeting held at IITGN. This new partnership will facilitate students, faculty, staff, and knowledge exchange between both institutions for research, teaching, and learning in areas of common interest

20 IITGN PHD SCHOLARS AWARDED PMRF

A record-high number of 20 PhD scholars from IITGN have received the coveted Prime Minister's Research Fellowship (PMRF) in the 11th Cycle, bringing the total PMRF scholars at the Institute to 67. The competitive fellowship will provide a significant financial boost to the impactful research being carried out by these awardees at the Institute.

INSTITUTE FELLOW AWARDS

For the first time, IITGN announced and presented Institute Fellow Awards to Mr Kushal Sacheti, serial entrepreneur, investor, and philanthropist, and Mr Rajesh (Raj) Mashruwala, founder of a number of technology companies and Founding President of the IIT Gandhinagar Foundation in the United States, during 12th Convocation of the Institute on July 29, 2023, to honour their pivotal role in IITGN's growth and development over the years. **Ms Poonam Sacheti** and **Mr Piyush Shah** received the awards on behalf of **Mr Sacheti** and **Mr Mashruwala**, respectively.

TOKYO GOVERNOR AT IITGN

Tokyo Governor **Ms Koike Yuriko**, along with a delegation of officials from Japan, visited IITGN on July 8, 2023, and held a meeting with the leadership of the Institute. Following the meeting, Ms Koike Yuriko and the delegation also interacted with a few deep tech startups supported by IIEC and visited Maker Bhawan – a world-class Maker Space and the Centre for Creative Learning (CCL) at IITGN.

WORKSHOP ON STUDENTS' MENTAL WELL-BEING

IITGN hosted a two-day workshop on students' mental well-being titled '**Building Scalable Systems for Student Wellbeing in Residential Programs'** on Mar 4-5, 2024. The workshop aimed to create robust systems in place in higher education institutes to ensure early identification of mental health issues, effective strategies, and best practices to foster supportive environments prioritising students' mental health and emotional well-being. Leading experts, mental health professionals, psychologists, psychotherapists, neurologists, and academicians participated in the workshop.

TWO NEW UG PROGRAMMES

The Institute has launched two new courses, BTech in Artificial Intelligence (AI) and BTech-MTech Dual Degree in Mechanical Engineering, from the Academic Year 2023-24, adding about 80 new seats in the undergraduate programmes at IITGN. With the introduction of BTech in AI, the Institute will enable students to build systems that harness data collection and computation to solve important global challenges. Along with statistical and computational techniques, this programme emphasises responsible use of AI as well as development of interdisciplinary domain knowledge.

INAUGURATION OF TWO NEW LABS

Expanding our advanced research infrastructure in the emerging areas of science and technology, the Institute inaugurated two state-of-the-art laboratories on its campus on Apr 28, 2023. The 'Gordhanbhai B Gelot Laboratory for Artificial Intelligence and Data Science' and the 'Sarita G Gelot Laboratory for Intelligent Rehabilitation & Affective Computing Systems' were inaugurated by Smt Sarita G Gelot, wife of late **Shri Gordhanbhai B Gelot**, a generous supporter of IITGN, in presence of their family members.

11TH ACADEMIC ADVISORY COUNCIL MEETING

Around 20 distinguished academicians from India and overseas and several faculty members from IITGN, came together to debate and share their expertise on some of the most significant matters for the Institute's growth in the coming years at the 11th Academic Advisory Council (AAC) of IITGN, held on Jan 8, 2024. The council members deliberated on faculty evaluation and growth, promoting student well-being, holistic staff development, new academic programmes and initiatives, and fostering industry-academia partnership.

12TH LEADERSHIP CONCLAVE MEETING

Dynamic discussions and insights marked the 12th Leadership Conclave (LC) of IITGN which was held on Jan 9, 2024. The prestigious annual event hosted about 40 eminent thinkers, industry stalwarts, academicians, venture capitalists, and startup mentors from India and abroad to brainstorm and recommend strategic actions for the far-reaching growth and expansion of the Institute. Some of the focus areas included creating leadership for academia, continuous engagement with the government, and fostering industry-academia partnerships.

JAPANESE DELEGATION AT IITGN

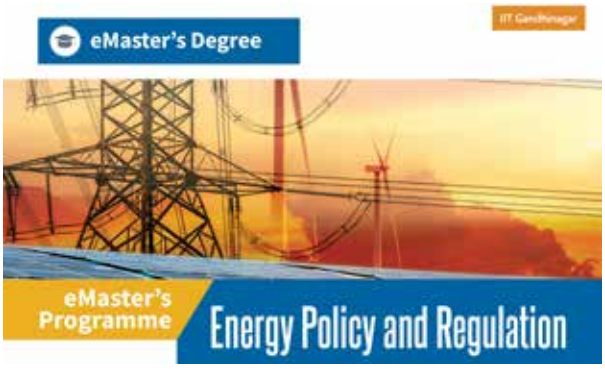
A special delegation from various Japanese organisations visited IITGN on Jan 12, 2024 to explore possibilities for industry research collaboration and to understand innovation related best practices at the Institute. The delegation met with **Prof Rajat Moona**, Director, IITGN, along with other members and held engaging discussions. The visit was coordinated by Career Development Services, IIT Gandhinagar for potential collaboration with Japanese companies for internships and placements.

SINGAPORE-INDIA HACKATHON 2023

IITGN, together with All India Council for Technical Education (AICTE), hosted the third edition of the Singapore-India Hackathon 2023 from July 14-16, 2023. A total of 12 student teams, with Indian and Singaporean students, competed in person for a 36-hour-long Hackathon to solve real-world global problems around the theme of "Fintech, Sustainability, and ESG". In addition, 24 global startups pitched their ideas to an esteemed jury panel. The final award ceremony took place on July 16, wherein **Shri Dharmendra Pradhan**, Union Minister of Education and Skills Development & Entrepreneurship, and **Mr Lawrence Wong**, Deputy Prime Minister and Minister for Finance, Singapore, presented the awards to the winners.

HACKATHON ON SMART TRANSPORTATION

In collaboration with New Energy and Industrial Technology Development Organization (NEDO) Japan, IITGN organised a hackathon titled '**Hack the Future 2024**' on smart transportation from Mar 10-12, 2024 at the IIT Gandhinagar Research Park. The hackathon aimed at conceiving and proposing solutions revolutionising transportation and travel for a smarter, safer, and more sustainable future. The hackathon witnessed participation from 50 students from higher education institutions from across the country. This 36-hour-long event focused on innovation and driving impactful change in the transportation landscape in India.



E-MASTER'S IN ENERGY POLICY AND REGULATION

To cater to skill development as per the evolving demands of the energy sector and foster innovation, IITGN launched its first e-Master's degree programme for working professionals in "Energy Policy and Regulation" (EPR) on Sep 10, 2023. The first batch of the programme will start from January 2024. The two-year programme is designed with a flexible, executive-friendly structure to enable enrolled candidates to concurrently accommodate their work commitments.

FOUNDATION DAY CELEBRATION

IITGN celebrated 15 glorious years of its foundation and an extraordinary journey of academic innovations, remarkable achievements, and building a vibrant green campus on Aug 5, 2023. The Foundation Day celebration was graced by **Ms Rita Teaotia**, IAS (Rtd) and former Chairperson, FSSAI, as Chief Guest. The event captured and reminisced the journey of building and nurturing IITGN by all its visionaries and stakeholders, who have contributed to turning it from "an expedition to now an experience". The event also included an exhibition gallery, unveiling of a calendar on the growth of the Institute over the last 15 years, and enthralling cultural performances by students as well as faculty and staff members

SCIENCE CAMP FOR GIRL STUDENTS

IITGN organised a two-day residential science camp for 91 girl students from Jawahar Navodaya Vidyalayas (JNVs) of Gujarat region on Jan 8-9, 2024. This programme was organised as part of the DST-Vigyan Jyoti Initiative. It aimed to develop students' experimental, critical thinking, and problem-solving skills, and inspire them to pursue their curiosity and creativity in science.

REPUBLIC DAY CELEBRATIONS

The IITGN community celebrated India's **75th Republic Day** on Jan 26, 2024, with great patriotic fervour. The Institute released a book titled IIT Gandhinagar in News- a compilation of all the significant news about the Institute covered by media houses during 2023. The Institute Excellence Awards were conferred to faculty and staff.

SIGNIFICANT ACTIVITIES

INVENTION FACTORY INDIA 2023

IITGN hosted the fourth edition of the Invention Factory India, a one-of-its-kind intensive summer programme in inventing, from May 29 to July 14, 2023. This year's edition hosted 20 students from 16 IITs and four NITs, who worked in teams of two for six weeks to conceive, prototype, and pitch ten unique inventions to address various societal and consumer needs. Each team has also filed Indian provisional patent applications for their inventions, which will be followed by filing of provisional patent applications in the USA. The teams were directly mentored by IITGN **Profs Madhu Vadali, Tanya Srivastava**, and **Tarun Agarwal**.

IITGN-DAKSHANA LEADERSHIP PROGRAMME

The Institute conducted the second edition of the IITGN-Dakshana Leadership Programme for about 70 IIT and engineering aspirant students from rural and humble backgrounds from 16 Indian states, during June 7-30, 2023. The programme was supported by **Mr Ruiyantan (Ron) Mehta** and Maker Bhavan Foundation and also brought together teams from Foundation for Excellence, Dakshana Foundation, and Competitive Mindset Institute to train the students in leadership, critical thinking, and communication skills to help them reach their full potential. The programme was coordinated by **Prof Jaison Manjaly.**

G20-IGNITE FAIR

IITGN organised 'G20-Ignite', a uniquely designed Science & Technology Fair, for school students of classes 10 to 12, on Apr 15, 2023. Hundreds of school students visited and participated in the fair with their parents, teachers, and guardians to engage with Science, Technology, Engineering, and Mathematics (STEM), and experience IITGN's unique research projects. The day-long Fair was packed with a plethora of exciting activities, hands-on training modules, interactive showcases and exhibitions, and immersive workshops and competitions.

JEE OPEN HOUSE

IITGN hosted a virtual JEE Open House for IIT aspirant students and their parents on June 21, 2023, to address their curiosity and doubts through direct interaction with faculty, students, and alums of IITGN. The live event had interactive sessions with the Director, Dean of Academic Affairs, Dean of Student Affairs, Head of Counselling Services, Head of Career Development Services, and IITGN students and alumni. A large number of participants from all over the country attended the sessions. On June 25, 2023, the Institute also hosted an exclusive online JEE Open House session on BTech in Artificial Intelligence and BTech in Computer Science and Engineering programmes at IITGN.

V V S LAXMAN MET IITGN STUDENTS

On May 31, 2023, former Indian cricketer and National Cricket Academy (NCA) Director **Mr VVS Laxman** met and interacted with IITGN's recipient students of scholarships set up by him, and motivated them to work hard and focus on goals. The students who met the cricket legend are from humble backgrounds and are recipients of the 'Satyaram Scholarships' at IITGN and 'Yuva Scholarships' through the NGO Yuva Unstoppable.

YUVA SANGAM

As a nodal Institute in Gujarat for 'Yuva Sangam', a student exchange programme under the 'Ek Bharat Shreshtha Bharat' initiative of the Ministry of Education, GoI, IITGN had the pleasure of hosting and facilitating exposure visits for two cohorts of students and off-campus youngsters from Assam. In the first phase, a total of 18 students and off-campus youngsters from Assam visited Gujarat between Feb 24 and Mar 2, 2023, and 53 students and off-campus youngsters from Gujarat visited Assam to get an immersive experience of various facets of art, culture, life, and landmarks and to connect with the youth in these states. In the second edition of the programme, which ran from Mar 29 to Apr 3, 2023, 29 students and off-campus youngsters from Assam visited different places in Gujarat, including the famous Madhavpur Ghed Fair in the Porbandar district.

SMART MANUFACTURING RESEARCH CONCLAVE

IITGN, together with NASSCOM CoE-IoT, hosted 'Smart Manufacturing Research Conclave' on Apr 27-28, 2023. The two-day conclave on the latest trends in smart manufacturing brought together the brightest minds in academia, research, and industry to discuss, explore, and develop strategies for the successful implementation of Industry 4.0 technologies in the manufacturing sector. The event was coordinated by **Prof Madhu Vadali**.

WORKSHOP ON MENTAL WELLNESS

As a designated nodal agency by the Ministry of Education, Government of India, IITGN conducted a two-day workshop on 'Mental Wellness and Stress Management' for all the institutions/universities in the western region on June 9-10, 2023. Faculty, staff, and students from across disciplines from several institutions participated in the workshop. The event was coordinated by **Prof Bhaskar Datta**.

BOOK RELEASE- 'ECOLOGICAL ENTANGLEMENTS'

Ahead of World Earth Day, IITGN released a book 'Ecological Entanglements: Affect, Embodiment and Ethics of Care' on Apr 13, 2023. The book, edited by **Profs Ambika Aiyadurai**, **Arka Chattopadhyay**, and **Nishaant Choksi**, faculty members of Humanities and Social Sciences at IITGN, was released by **Prof Rajat Moona**, Director, IITGN. Published by Orient BlackSwan, the book calls for new ways to apprehend the ecological crisis by formulating a framework that integrates social, material, and cultural dimensions of ecology.

NYASA AND NEEV'S SUMMER ACTIVITIES

Spreading light in the lives of hundreds of disadvantaged children, women, and youth, Nyasa and NEEV, the two social outreach programmes of IITGN conducted some of the most wonderful and useful summer activities to help them find their hidden potential. Nyasa successfully concluded a 10-day summer camp for more than 100 children from neighbouring villages and construction workers' colonies of IITGN from May 25 to June 3, 2023. NEEV, in association with Desai Foundation Trust, once again successfully organised six Skill Development Summer Courses from April to June 2023 for 257 rural women and youth.

TOWN HALL WITH DR SHEKHAR MANDE

IITGN, in partnership with AICTE, organised a Town Hall with **Dr Shekhar C Mande**, Distinguished Honorary Professor, IITGN, and former Secretary of the Department of Scientific and Industrial Research (DSIR) and Director General of CSIR, Government of India, on the theme - "Achievements of Science and Technology (S&T) in recent times" on Sep 11, 2023. The talk was organised under the "Amrit Kaal Vimarsh Vikasit Bharat @2047" series.

SIMPLY SPEAKING

The Leadership Development Initiative (LDI), IITGN hosted the second edition of its flagship event, "Simply Speaking" on Apr 16, 2023. The grand finale saw participation from a total of 25 students from different disciplines, who showcased their skills in simplifying their research work for laymen and presented it in a "3 minute-3 slide" format.

GENEROUS ALUMNI CONTRIBUTION

Showcasing remarkable support to their alma mater, **50.7%** of IITGN alumni made financial contributions totalling Rs 72 lakhs to the Institute during the Financial Year (FY) 2023-2024. This marks the fifth consecutive year that IITGN has surpassed the 50% mark in alumni donations. Notably, 83% of all IITGN alumni, since the Institute's inception, have participated in giving at least once.

CELEBRATION OF SPECIAL DAYS

IITGN students, staff, and residents celebrated the 132nd birth anniversary of Dr Babasaheb Ambedkar on Apr 13 and 14, 2023. The two-day programme consisted of various activities and performances highlighting the life and legacy of the great leader. The Green Club at IITGN marked World Earth Day by organising several events and initiatives in the campus and nearby villages on Apr 21-22, 2023, including a rally in primary schools, awareness sessions, tree plantation and plogging drives on the campus, and a poster-making competition for children. The Institute community also celebrated the World Environment Day, June 5, 2023, and planted about 350 trees on the campus with great enthusiasm. IITGN observed World Blood Donor Day on June 14, 2023, by organising a blood donation camp on the campus. The ninth International Yoga Day was celebrated on June 21, 2023, with a range of activities to promote the practice of yoga for its numerous benefits. The Physical Education Section of the Institute also organised a 30-Day Countdown to the 9th International Day of Yoga from May 23, 2023 with a series of yoga sessions and challenges.

COOKING FOR MESS STAFF

As a gesture of gratitude towards the mess staff who feed the Institute community everyday, the Student Affairs office of IITGN took an initiative to cook and serve a meal to nearly a hundred mess workers of the three dining facilities at IITGN on Apr 23, 2023. The team included nearly ten students and 20 staff and faculty members, including **Prof Rajat Moona**, Director, IITGN, his wife **Mrs Rajni Moona,** and **Prof Sivapriya Kirubakaran**, Dean, Student Affairs.






FOUNDATION PROGRAMME 2023

A total of 368 students from 20 Indian states and a Union Territory have joined the BTech and BTech-MTech Dual Degree programmes at IITGN this year. Mrs Annie Joyce, Deputy Director General, UIDAI, graced the inaugural session as the Chief Guest. The Institute welcomed the incoming batch of students with its flagship Foundation Programme (FP) from Aug 1 to 25, 2023, which is designed to shape them into well-rounded personalities through a host of exciting activities. FP 2023 was coordinated by **Profs Abinaya Sampath, B Prasanna Venkatesh, Harmeet Singh, Sushobhan Sen, Krista Khiangte,** and **Anupama Pradeepan** and **Sushmit Bagchi** from LDI.

AAROHAN 2023

IITGN organised Aarohan 2023, the foundation programme for MSc, MTech, MA, and PhD students of the Institute, from July 17-28, 2023. This year, a total of 402 students attended this intensive two-week-long programme and immersed themselves in various exciting events and activities. The programme was coordinated by **Profs Biswajit Saha, Soumyadip Sett**, and **Anupama Pradeepan** and **Sushmit Bagchi** from LDI.

TALK BY PROF ASHOKE SEN

IITGN hosted Padma Bhushan-awardee **Prof Ashoke Sen**, a distinguished theoretical physicist, on Sep 29, 2023. He delivered a lecture on "Some Observations on Gravitational Waves". Professor Sen is celebrated for his pioneering contributions to string theory, quantum field theory, and black hole physics.

LAKSHADWEEP KNOWLEDGE SUMMIT

The first Lakshadweep Knowledge Summit was hosted by IITGN, in collaboration with The Habitats Trust and Nature Conservation Foundation (NCF), from Dec 3-6, 2023. This was a first-of-its-kind multidisciplinary event for Lakshadweep where different researchers from 14 organisations, along with locals from the islands, were brought together to discuss the science, research, and social aspects of the past, present, and future of Lakshadweep Archipelago. A total of 50 participants attended the event which was co-coordinated by **Prof Pankaj Khanna** from IITGN and **Dr Rohan Arthur** from NCF.

INFINITE INSIGHTS BY HOMI PROJECT

The History of Mathematics in India (HoMI) Project at IITGN organised 'Infinite Insights: A Journey Through India's Mathematical Marvels' on Nov 16-17, 2023. This conversation series explored the captivating journey through the rich tapestry of India's heritage

with **Prof M D Srinivas**, Guest Professor, IITGN, and **Prof K Ramasubramanian**, Institute Chair Professor, Cell for Indian Science and Technology in Sanskrit, IIT Bombay. The joint sessions were moderated by **Prof Raghavasimhan Thirunarayanan**, Guest Faculty at IITGN, and Prof Tanya Srivastava.

NATIONAL YOUTH DAY CELEBRATIONS

IITGN celebrated Swami Vivekananda Jayanti as **National Youth Day** on Jan 12, 2024. **Dr Umashankar Singh** was the chief guest and other distinguished speakers shared their insights on Swami Vivekananda's teachings and philosophy.

NATIONAL SCIENCE DAY CELEBRATIONS

IITGN celebrated **National Science Day** on Feb 28, 2024 by organising a 'Science Day' and showcasing a series of scientific demonstrations and exciting exhibits explaining several scientific concepts in a fun and engaging manner. Approximately 1000 students from various schools and colleges in Ahmedabad and Gandhinagar visited the IITGN campus and participated in the event. The event was organised with an aim to foster curiosity and inspire school students to continue pursuing their interest in science and STEM (Science, technology, engineering, and mathematics) fields. The participating students delved into the wonders of science, engaged in a plethora of interactive activities and learnt about the latest advancements in science and technology.

CoLAB 2024

More than 150 industry participants from diverse domains participated in **CoLab 2024**, the Institute's flagship Industry Open house event, on Mar 2, 2024. This day-long event aimed to foster sustainable industry-academia collaborations. The participants had the opportunity to witness some of the state-of-the-art facilities at IITGN including the Central Instrumentation Facility, Center for Creative Learning, Marker Bhavan, IIT Gandhinagar Research Park, and various laboratories. Additionally, exposition stalls were set up which showcased several projects and advancements in diverse domains.

WOMEN'S DAY CELEBRATIONS

NEEV, the community outreach program of IITGN, organised a grand event titled **Mahila Haat** on Mar 7, 2024, as part of International Women's Day festivities. The event featured an array of stalls featuring food, handicraft, apparel, and jewellery among others, which showcased the diverse skills and entrepreneurial ventures of several village women trained by NEEV. Excellence Awards were also presented to four outstanding women alumni to honour their achievements in transforming their skills into sustainable income generation.

INDIA-JAPAN INNOVATION SYMPOSIUM

IITGN organised an India-Japan Innovation Symposium on **Advancing Research, Networking, and Industry Partnerships** on Mar 11, 2024. The symposium, supported by New Energy and Industrial Technology Development Organization (NEDO) Japan, was held with an aim to explore potential collaboration opportunities among representatives from Japanese Industries, universities, government bodies, Gujarat-based industry members, and IIT Gandhinagar in various sectors. The event saw enthusiastic participation from over 60 representatives from industries, universities, and government organisations who expressed their interest in collaborating with IITGN in different ways. Throughout the day, attendees engaged in sessions led by faculty members of IITGN and representatives from Japanese companies and universities.

COMICS CONCLAVE 2.0

A diverse group of comics enthusiasts, artists, writers, and scholars came together for an immersive exploration of the vibrant world of comics and visual storytelling at the **Comics Conclave 2.0** at IITGN on Mar 16 and 17, 2024. The Conclave was organised by

Art@IITGN and the Curiosity Lab. The two-day event featured several diverse sessions on visual storytelling by renowned comics artists, writers, and publishers from across India. The event also showcased an exhibition of graphic narratives from renowned artists, comics scholars, students from IITGN, and indie artists from Ahmedabad.

NURTURING FUTURE LEADERSHIP PROGRAM

The Nurturing Future Leadership Program (NFLP), a component of the **Malaviya Mission Teacher Training Programme** (MMTTP) initiated by the Ministry of Education was held at IITGN during Mar 18-22, 2024. This programme, conducted by the Leadership Development Initiative (LDI), was designed to nurture faculty members at various career stages. The five-day residential camp offered a comprehensive leadership development experience, focusing on experiential learning. A total of 24 faculty members from various higher education institutions across India participated in the programme. Some of the speakers included **Prof Ashok K Mittal**, MHRD IPR Chair Professor, IIT Kanpur; **Prof Sudhir K Jain**, Vice Chancellor, BHU; **Shri Subodh Jaiswal**, Former CBI Director; and **Prof Pankaj Chandra**, Vice Chancellor & Chairman, Ahmedabad University.

SWACHHATA PAKHWADA 2023

As a part of **Swachhata Pakhwada 2023,** IITGN organised a 2.5 km Swachhata Run on Sep 21, 2023, and a mass cleanliness drive "Ek TareekhEk Ghanta" at Palaj village on Oct 1, 2023, to pay 'swachhanjali' to Mahatma Gandhi ahead of his birth anniversary. Hundreds of IITGN community members, including students, faculty, staff, and Director aalso enthusiastically participated in the events.

CONTRIBUTION TOWARDS GANDHIPEDIA

IITGN has contributed significantly towards development of Gandhipedia - a project to commemorate the 150 years since Mahatma Gandhi's birth - which was inaugurated on Dec 27, 2023. Noteworthy contributions by the team at IITGN include implementing the letter timeline feature, digitising books written by Mahatma Gandhi, and creating a Twitter bot to post feeds on important events and tagging relevant documents on the specific date of each event.

NATIONAL WILDLIFE WEEK

The Dr Kiran C Patel Centre for Sustainable Development (KPCSD), IITGN, observed **National Wildlife Week** from Oct 2-8, 2023, and organised several events, including lectures, workshops, fun activities, resource displays, poster presentation, birdwatching, and nature fest, as part of the celebrations. The events saw a huge turn out of more than 200 participants, including IITGN students, staff, and residents, school children from Palaj government school, kids of IITGN's educational outreach program NYASA, and college students of Ahmedabad Gandhinagar region.

INDEPENDENCE DAY 2023

The Institute community celebrated 77th Independence Day 2023 on Aug 15, 2023, with great patriotic fervour and a number of sports and cultural events. On this occasion, the Institute also felicitated 14 employees (including 10 faculty and 4 staff members) with **Long Service Awards** to honour their dedicated service to the Institute for ten years. This event also saw presentation of **Best Poster Awards** to participants of the Research Showcase event, Dean's List Awards to students for achieving a certain level of academic excellence in the last academic term, and **Bhalodia-Khetan Summer Research Excellence Awards** to three interns for outstanding performance during IITGN's flagship Summer Research Internship Programme (SRIP) 2023.

STUDENTS' ACTIVITIES

UDAAN 2023

IITGN hosted its signature farewell event for the graduating students of the **Class of 2023** on Apr 21, 2023. The heartwarming evening was filled with fond memories and heartfelt messages to bid a special goodbye to the outgoing students.

HACKRUSH 2023

IITGN's Student Academic Council and Team HackRush organised the sixth edition of HackRush 2023, a 36-hour annual hackathon, during Apr 14-16, 2023. The event witnessed an overwhelming participation of 90 teams (nearly 300 participants), each working on statements focussing on long-term software/game development and short-term competitions from diverse domains including Cyber Security, ML Challenge, Algorithm Optimisation, Quantitative Finance, and Competitive Programming.

AMALTHEA 2023

Amalthea, IITGN's student-run annual technical summit, was held on Nov 4 and 5, 2023, on the theme of 'Synergising Knowledge'. **Amalthea 2023** featured a host of thrilling events including a tech expo featuring drones, robots, electric bikes and more; a conclave with renowned industry leaders; pulsating drone racing; and a captivating drone show on the Sabarmati Riverfront in Ahmedabad.

BLITHCHRON 2024

The much-anticipated Blithchron 2024, the annual cultural festival of IITGN, was organised on Mar 15-17, 2024. The event witnessed an exciting lineup of events including gaming battles, street plays, impromptu street dance competition, to music performances, and pop culture quiz.

CELEBRATION OF SPECIAL DAYS

IITGN students, staff, and residents celebrated the 132nd birth anniversary of **Dr Babasaheb Ambedkar** on Apr 13 and 14, 2023. The two-day programme consisted of various activities and performances highlighting the life and legacy of the great leader.

The **Green Club at IITGN** marked World Earth Day by organising several events and initiatives in the campus and nearby villages on Apr 21-22, 2023, including a rally in primary schools, awareness sessions, tree plantation and plogging drives on the campus, and a poster-making competition for children. The Institute community also celebrated the World Environment Day, June 5, 2023, and planted about 350 trees on the campus with great enthusiasm.

IITGN observed **World Blood Donor Day** on June 14, 2023, by organising a blood donation camp on the campus. The ninth International Yoga Day was celebrated on June 21, 2023, with a range of activities to promote the practice of yoga for its numerous benefits. The Physical Education Section of the Institute also organised a 30-Day Countdown to the 9th International Day of Yoga from May 23 with a series of yoga sessions and challenges.

SPORTS ACTIVITIES

IITGN SQUASH OPEN

IITGN hosted the second edition of IITGN Squash Open from May 4-7, 2023, in collaboration with Squash Rackets Federation of India (SRFI), All Gujarat Squash Racquet Association, and Pine Labs. Nearly 280 participants from 19 states participated in this national circuit tournament.

IM NUBAIRSHAH SHAIKH AT IITGN

IM Nubairshah Shaikh, an acclaimed chess player, visited IITGN on May 29, 2023, and interacted with students and chess players of the Institute. In his honour, the Chess club organised a Simultaneous exhibition event in which 15 chess players challenged him.

FIRST WATER POLO TOURNAMENT

IITGN organised the first water polo tournament during May 27-28, 2023. The tournament saw enthusiastic participation from students as well as staff.

INTER-IIT SPORTS MEETS- BOARD MEETING

IITGN is the host for the Inter-IIT Sports Meets 2023. The Institute hosted Board Meeting of the 37th Inter-IIT Aquatics Meet, 56th Inter-IIT Sports Meet, and 28th Inter-IIT Staff Meet at IITGN on Aug 5-6, 2023. **Ms Bhavina Patel,** a Para Table Tennis Champion, Arjuna Awardee, silver medalist at the Tokyo 2020 Paralympics, and gold medalist at the 2022 Commonwealth Games, **unveiled the event's Mascot "Neelswara"** (a nilgai/ blue bull, which is frequently sighted in Gandhinagar) during the event.

INTER-IIT AQUATICS MEET

The Institute hosted the 37th Inter-IIT Aquatics Meet from Oct 4 to 8, 2023, with a total of 24 different events in Men's and Women's categories and a series of water polo matches. Nearly 300 swimmers and officials from 17 IITs participated in the five-day tournament for a thrilling display of aquatic prowess. In a magnanimous victory for the first time, IITGN emerged as the highest medal winner by earning a total of 10 medals, including 5 Gold, 3 Silver, and 2 Bronze in various swimming championships for Men and Women. The Institute also secured the First Runnerup position with 28 points in the Women's Swimming events. The swimming stars of IITGN who led the Institute to this remarkable position include **Adit Rambhia, Tanya Vyas, Ananya Balike, Shrijaya Maity, Kavuri Monisha,** and **Kalash Kankariya.**

INTER-IIT SPORTS MEET

With the spirit of competition and sportsmanship, IITGN hosted the Inter-IIT Sports Meets 2023 from Dec 14, 2023. The 56th Inter- IIT Sports Meet for students, jointly hosted by IITGN and IIT Bombay, was held at IITGN from Dec 14 to 22, 2023, and the 28th Inter-IIT Staff Meet, entirely hosted by IITGN, was held from Dec 24 to 29, 2023. Collectively, more than 3000 students and staff members from all 23 IITs across the country showcased their athletic prowess in a plethora of sports events which were held at the state-of-the-art Sports Complex at IITGN. The Institute's Squash team, comprising of **Prof Harish P M, Prof Pratyush Dayal, Prof Jaison Manjaly** and **Mr Shashank Yadav**, won the Gold medal, and **Ms Laxmi Hirani** won the Silver medal in Shot Put during the 28th Inter-IIT Staff Sports Meet.

NATIONAL SPORTS DAY 2023

The IITGN community came together to celebrate National Sports Day 2023 during Aug 21-29, 2023, to commemorate the birth anniversary of the legendary field hockey player Major Dhyan Chand. The festivities, a mix of team sports, individual challenges, yoga asanas challenges, cycling, planking exercises, running etc. and spread over a period of nine days, were centred around the theme of "Sports as an Enabler for an Inclusive and Fit Society". A prize distribution ceremony was held on Aug 29, 2023, in the presence of para athlete **Nimisha CS.**

HALLABOL

IITGN hosted Hallabol 2024 during Feb 3-14, 2024 with enthusiastic participation from more than 1500 participants across different games from the IITGN community. Twelve games were played with teams comprising students, faculty, and staff. This year, apart from students, faculty, and staff, caretakers, guards, and interns also participated in the games.

DISHA CUP 2024

The Physical Education Section organised the 7th edition of Disha Cup, the annual sports tournament for the Institute's outsourced human resources, during Mar 15-20, 2024, with a week-long celebration of sportsmanship and camaraderie across various sporting events. The theme for this year's Disha Cup was 'Say No to Smoking'.

STAFF ACTIVITIES

The Staff Development Cell team was reformed in Sep 2024 with **Prof Leslee Lazar** as the chairman. The team conducted detailed interviews with many staff members to gauge their expectations from SDC and initiated many new ventures. The team had decided to address the concerns with two interrelated aims: building stronger community ties among staff members and increasing skill and professional development opportunities. In line with these aims, the SDC organized the first ever staff sports tournament "Aarambh". SDC has initiated a monthly 'Chai time' hosted by staff members of different campus departments.

AARAMBH – INAUGURAL STAFF SPORTS TOURNAMENT

The Staff Development Cell organized an Intra Staff Sports Competition at IIT Gandhinagar from Feb 20-24, 2024. Staff members participated in 8 games like Treasure Hunt, Seven Stones, Gully Cricket, Futsal, Dodgeball, 3x3 Basketball, Doubles/Mixed Doubles – Badminton, Tug of War. The team "**Shooting Stars**," consisting of **Mr Mangeshkar Karade, Mr Praveen Singh Chauhan, Mr Harish Singh, Ms Manasvi CM**, and **Mr Jignesh Parmar**, lifted the Overall champion trophy. The SDC was heartened to see enthusiastic participation from the entire staff community.

CHAI TIME

The Staff Development Committee (SDC) initiated a monthly "Chai Time" to foster camaraderie and collaboration among staff members. Each time, this initiative was hosted in a different venue by a different department. Each chai time session, hosted by a different department, offers insights into various activities and initiatives across the institute, promoting cross-departmental engagement.

- The inaugural event was hosted by the Library team on Dec 5, 2023 and featured engaging activities curated by **Dr T S Kumbar** and his team, ensuring a rewarding experience for all attendees.
- Following the first event's success, the second Chai time was hosted on Jan 3, 2024, at the **IITGN Research Park**. This visit allowed staff members to explore initiatives bridging academia and industry. Attendees thanked the Research Park team for their hospitality and informative presentations.
- The third event was hosted at NEEV by **Ms Soumya Harish** and her team on Apr 4, 2024. The staff members participated in fun activities and learnt about the pioneering projects and community outreach efforts that have significantly impacted neighboring villages.

OUTBOUND TRAINING 5.0

The SDC organized the popular Outbound Training (OBT) for the fifth time at the Vananchal Jungle Resort, Jambughoda, Gujarat on Mar 2, 2024. Fifty-two staff members traveled to the campsite and spent a day of experiential learning through activities designed to improve leadership, teamwork, and motivation among the staff members.

MARINE WALK AND VISIT TO LAKHOTA LAKE, JAMNAGAR

The SDC also organized a one-day marine walk at the Narara Reef, Marine National Park and Sanctuary, and the serene Lakhota Lake in Jamnagar for the IITGN Staff on Jan 27 2024. The excursion provided participants with a unique blend of natural beauty, marine life exploration, and historical immersion.

OUTREACH

Prof Rajat Moona, director, IITGN was invited as a guest speaker at several events, including in an online seminar on 'Future Engineering Education' by the Society for Engineering Education-India on Apr 29, 2023 a virtual seminar on 'Natural Language Processing: An aid for Inclusion' by SVNIT on May 2, 2023 and at the SRK Sustainability Conclave in Surat on May 20, 2023.

IITGN DELEGATION'S VISIT TO THE USA

A team of faculty members from IITGN including **Profs Rajat Moona, Amit Prashant, Jaison Manjaly, Pratik Mutha, Kabeer Jasuja, Chelva Kumar, Pallavi Bharadwaj**, and **Mr Nirmal Jha** visited several places and higher education institutes in the USA from June 5-27, 2023, with an aim to promote international collaborations, expand institutional networks, and strengthen alumni and well-wisher networks. During this visit, several meetings, interactive events, and panel discussions were held in San Diego, Tampa, California, Illinois, West Lafayette, and New Jersey, including 'Sabarmati Alumni & Faculty Research & Outreach Network' held on June 23-24, 2023, at the University of Miami, USA, to bring together prospective faculty candidates and leading academia and industry leaders to interact with IITGN leadership, faculty, and alumni. Furthermore, IITGN also signed an MoU with the University of South Florida on June 26, 2023 to facilitate academic and research cooperation between the two parties.

CAMPUS

CONSTRUCTION UPDATES

The construction of Phase 1B academic buildings has been completed and the buildings have been occupied. The design of Phase 2A residential and hostel buildings has been finalized. Honorable Prime Minister **Shri Narendra Modi** dedicated Phase 1B academic buildings and laid the foundation stone for Phase 2A residential and hostel buildings on Feb 20, 2024.

GREEN CAMPUS

IITGN fosters a culture of maintaining a green and clean campus through a range of initiatives. These include the Foundation programme for new students, World Environment Day and Earth Day celebrations, cleaning and plantation drives, etc. The Green Campus Committee and Student Green Club take active roles in organizing awareness sessions and programmes on waste management, segregation, and minimizing food waste. Additionally, they arrange visits for school students to the biogas plant and conduct waste management sessions for housekeeping staff, office attendants, and residents.

A plantation drive took place on the campus during World Environment Day under the theme "Planting for a Sustainable Future." The Student Green Club orchestrated a range of activities for Earth Day, including photography and poster-making competitions, as well as a no food wastage contest and a plogging drive in Basan village. From Sep 15 to Oct 02, 2023, IIT Gandhinagar observed "Swachhata

Pakhwada" with the theme "Swachhata Hi Sewa." Various events were organised, such as a blog writing competition, screenings of environment-related movies, a 2.5 km *Swachhata* Run open to all ages and fitness levels, promoting wellness and cleanliness, and a mass cleanliness drive called "Shramdaan" in Palaj village. These events saw a significant turnout from the community.

Some of the infrastructural assets and aspects that continue to contribute to the green practices include carefully planned architecture, eco-friendly sewage treatment plants, rainwater harvesting systems, biogas and composting system, waterless urinals in hostels, drip irrigation system, and solar photovoltaic installations.

- From Apr 2023 - Mar 2024, the Institute generated 7,13,134 kWh of solar power, equivalent to 5% of the total energy consumption of the campus during that period.

- In 2023, a total of 15.88 million liters of rainwater was harvested in the jal mandaps.
- From Apr 2023 - Mar 2024, 49,567 kg of manure was supplied for horticulture, which was made from organic waste through the on-campus biogas plant and compost pits.

CAMPUS EXPERIENCE

The service of two CNG vehicles for internal transport continues. These two green shuttles (EECO cars) operate between Housing Block and Academic Building every 15 minutes from morning till evening.

EVENTS

The first **"All IIT Infrastructure Discussion Meeting"** was convened by the Campus Development office on Mar 02, 2024 in an online mode. Attendees included deans, associate deans, faculty-in-charges, and faculty coordinators from different IITs involved in campus construction and maintenance. The meeting concluded with a consensus to foster ongoing collaboration among IITs, leveraging their combined expertise and experiences to address common challenges and drive collective progress in campus development.

MAKER BHAVAN

The **Maker Bhavan** embodies the IIT Gandhinagar culture of creation, seamlessly weaving active learning into the Institute's academic fabric. Its spectrum of offerings includes immersive learning programmes, academic courses, research support, and a startup-industry interface. Here, students are empowered to conceptualize and design functional prototypes and tangible Products. The Maker Bhavan epitomizes the Institute's dedication to the pedagogical principle of "Learning by Doing." Its modern infrastructure, interdisciplinary character, and interactive classrooms pave the way for an enriching environment for active learning as a fundamental value in students' educational journey. The makerspace has been utilized for diverse classes, seminars, and workshops, benefiting nearly 4,000 IIT Gandhinagar students since its inception. The makerspace facility's cutting-edge resources are also open to startups and industrial organizations, making it a highly collaborative space within the Institute.

During the past academic year, Design Innovation and Prototyping course by **Prof Madhu Vadali,** Heat & Mass Transfer by **Prof Soumyadip Sett** and World of Engineering course by **Prof Himanshu Shekhar** have been conducted from Maker Bhavan. The Maker Bhavan's in-house expert team lead by **Aniruddh Mali,** curates and conducts independent project courses that provide students with immersive experiences spanning the entire product-development lifecycle. From conceptualisation and designing through prototyping, testing, and final validation, these courses offer students hands-on engagement. A **portable wind mill,** a **submerged remote controlled vehicle (SRCV)** and a **pick and place robotic arm** were developed by undergraduate students during the year 2023-2024 as part of full semester Maker Bhavan project courses with 4 credits.

Immersive workshops, seminars, and short courses were organized that enabled participants to develop key practical skills. Examples of such activities include **rapid prototyping, spirit of making, DIY robotic arm challenge**, **wet processing PCB solutions**.

Maker Magic: Explore, Create, Innovate! - a two-day programme was organized for students of standards 6th, 7th and 8th from the Amreli district of Gujarat in association with AIF foundation, USA on Nov 29- Dec 1, 2023. A total of 50 particfipants including students and teachers explored the "Making Ecosystem" from scratch and gained basic skill sets of 3D printing, 3D scanning and Laser cutting. Students applied their skill sets and developed a dancing robot within a two-day programme.

In addition, the Maker Bhavan hosted the Invention Factory 2023, a 6-week programme that saw 20 students from different IITs come together to ideate and develop 10 unique inventions, which are patentable in India and the US. Maker Bhavan actively participated in National Science Day and CoLab 2024. The institute celebrates the Maker Bhavan and its contribution to nurturing a culture of innovation and creativity on campus.

TINKERERS' LAB

Tinkerers' Lab (TL) is a testament to the institute's strong commitment to hands-on learning and creative expression. Fully managed and run by students of IIT Gandhinagar, TL remains open around the clock, serving the IITGN community with a cutting-edge maker space where innovation knows no bounds. Furnished with an array of tools—from 3D printers and laser cutters to soldering stations and power tools—the lab empowers users to transform their concepts into tangible prototypes effortlessly. Whether you're a student, researcher, or enthusiast, the lab offers a platform to hone technical skills and unleash creativity within a vibrant and supportive ecosystem. As a student-led initiative, TL fosters an unrestricted environment where even the wildest ideas can take flight.

Throughout this year, the TL team made a concerted effort to instill a blend of technical prowess and enjoyment within the student community. Various events were organised to inspire students to break free from conventional thinking and embrace risk-taking, nurturing an atmosphere of creativity and teamwork. Workshops were conducted to provide students with the fundamental skills needed to operate all prototyping machines available in the lab. Additionally, students were encouraged to undertake do-it-yourself (DIY) projects, offering them valuable hands-on experience in prototyping, soldering, programming, and sensor integration.

EVENTS:

1. **Workshops:** The students of IIT Gandhinagar were trained in various prototyping skills through workshops on 3D printing, laser cutting, vinyl cutting, and PCB milling.
2. **Build-A-Thon:** The event is a 48-hour prototype-building team event, requiring students to build a 15-second timer without using any ready-to-use clock or computational devices.

INFORMATION SYSTEMS TECHNOLOGY FACILITY (ISTF)

The Information Systems Technology Facility (ISTF) continues to provide user-level services to the IITGN community. ISTF's state-of-the-art networking infrastructure provides information systems and computational facilities to users who live on and outside the campus. ISTF is responsible for managing the following:

- Servers, classrooms, campus networks, internet and email services, firewall, and communication devices
- High-Performance Computing (HPC) facility and computer lab
- Maintenance of computer hardware and software
- ISTF houses video conference rooms via the National Knowledge Network (NKN) line.

The infrastructure of the rooms is also equipped to facilitate hybrid virtual classes. The hybrid classroom is an advanced learning environment created using high-speed internet, supplicated video conferencing devices, and other gadgets to help in classroom teaching. These classrooms provide interactive and flexible approaches to e-learning and can also be used to facilitate collaborative discussions and host seminars/webinars and workshops. ISTF has been proactive in facilitating online learning facilities and has encouraged members to make the best use of software and other tools like zoom, google meet, and microsoft teams. VPN service has been provided to students so they can work remotely. Moreover, we have implemented online proctoring software (Mettl), which can be seamlessly used to conduct online assessments. The virtual servers from the old landscape to new upgraded hardware were moved seamlessly, offering a better throughput and overall performance.

The ISTF constantly undertakes various in-house projects to enhance its skill sets and stay up-to-date with recent technology. The team has successfully completed the following projects:

- We have implemented the eOffice application to achieve a simplified, responsive, effective and transparent working of all disciplines/ sections.
- We have also implemented the SSO application, a single-sign application used for seamless login across various applications and Microsoft 365 office suite, a bundle of productivity tools that includes popular applications such as word, excel, powerpoint, and outlook. With Microsoft office features, users can easily create, edit, and share documents, spreadsheets, presentations, and emails.

MEDICAL CENTRE

The IIT Gandhinagar medical centre has recently seen several noteworthy updates and additions to its staff and facilities, enhancing its capability to provide comprehensive medical care to the institute's community. The medical centre now boasts a team of three nurses, comprising one male and two female professionals, ensuring that medical care is accessible and inclusive. On the consultancy front, the medical center is supported by **Dr Deepa Shah, Dr Bhavesh Panchal**, and **Dr K V Mehta**, who serve as part-time medical consultants. Additionally, **Dr Mira Butani** contributes her expertise as a part-time gynecologist, while **Dr Darshan Patel** has taken up the role of Resident Medical Doctor, bolstering the center's in-house medical capabilities.

In terms of infrastructure, the medical center has implemented a state-of-the-art token number display system from Asian Healthcare, featuring the latest microcontroller-based technology. This system is designed to streamline patient flow, especially during peak hours, by providing clear and efficient token-based queue management. It comes equipped with multiple language voice announcements (Gujarati, Hindi, English), a robust operating system, and the flexibility of recalling numbers, thereby facilitating

smoother operations and enhanced patient satisfaction.

Moreover, the medical center has expanded its services to include sports physiotherapy, recognizing the importance of specialized care for sports-related injuries. This new service is supported by the recent appointments of **Dr Darshan Patel** and **Dr Himani Patel** as visiting Physiotherapy consultants. These additions not only enrich the center's medical offerings but also highlight IIT Gandhinagar's commitment to addressing the diverse health and wellness needs of its community.

DAY CARE CENTRE

The establishment of the IIT Gandhinagar Day Care Centre in March 2014 marked a collaborative effort within the community, dedicated to providing a secure and nurturing environment for the children of IITGN families. Nestled amidst residential quarters, this facility prioritizes the comfort and well-being of each child, evoking the warmth of a true home. With a team of dedicated community members, the daycare curates a curriculum that reflects the individual needs and interests of the children, ensuring smooth operations and fostering meaningful connections between caregivers and young ones.

The centre takes pride in offering innovative developmental programmes that utilize music, dance, play, and exploration as foundational tools for learning. Some notable initiatives include:

- **MORNING PROGRAMME**: Launched in July 2018, this programme adopts a preschool setup, seamlessly blending traditional teaching methods with innovative activities. Excursions, like visits to the GIFT City Fire Station and the Indroda Nature Park, enhance children's experiences and broaden their horizons.
- **KIDS SUPPORTED AGRICULTURE (KSA):** A beloved programme that encourages hands-on gardening, allowing children to cultivate a variety of fruits and vegetables, thereby nurturing sensory exploration and appreciation for nature.
- **COOKING SESSIONS**: Our unique flameless cooking programme engages children in a variety of culinary activities, from crafting sandwiches and decorating cupcakes to making banana popsicles and corn chat. These sessions emphasize the importance of culinary skills and creativity in a safe and enjoyable environment.
- **SPORTS ACTIVITIES**: To celebrate sports and physical activity, the centre organizes a non-traditional sports carnival that emphasizes open-ended play and exploration, ensuring that every child can participate and thrive, regardless of their athletic abilities.
- **OTHER EVENTS**: From pyjama parties to festive celebrations like Diwali, Christmas and Navratri, the centre hosts a diverse range of activities that foster social engagement and celebration, enriching the cultural experiences of the children and their families.

The children's daily routines also integrate music, art, yoga, storytelling, and sensory play to nurture children's concentration, creativity, and motor skills, fostering holistic development in physical, social, and intellectual capacities.

As the daycare completes 10 years this year, it reflects back on a decade of dedication, service, and positive impact on the lives of the community children and families. Looking ahead, the centre remains committed to providing exceptional care and support, ensuring that every child continues to thrive and grow in our nurturing environment for many years to come.

SUPPORT FOR THE INSTITUTE

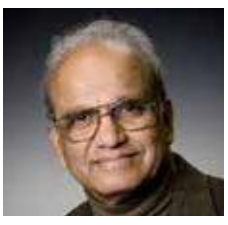
SCHOLARSHIPS

THREE SCHOLARSHIPS SET UP BY ALUMNUS AMEYA JOSHI

Ameya Joshi, a BTech alumnus of 2014, has set up three endowed scholarships in honour of **Prof K V V Murthy**, **Prof D V Pai**, and **Prof Ramesh Gaonkar.** The scholarships, worth Rs 1 lakh each, will support three second-year undergraduate students of electrical engineering at IITGN every year. After graduating with a BTech in electrical engineering from IITGN, **Ameya Joshi** did an MS in electrical engineering from Stanford University. He worked at Apple Inc., USA, for over seven years and has recently embarked on an entrepreneurial journey in the startup landscape. He has three patents to his credit, granted by the United States Patent and Trademark Office (USPTO).

Prof K V V Murthy Scholarship: Prof K V Venkatesha Murthy was a visiting professor at IITGN for over seven years. He joined IITGN in December 2009 in the Department of Electrical Engineering. Before joining IITGN, he was a professor in the Department of Electrical Engineering at IIT Bombay for about 40 years. Prof Murthy passed away in Mar 2017.

Prof D V Pai Scholarship: Prof D V Pai was one of the initial faculty members at IITGN since its establishment in 2008. He was a visiting professor in Mathematics at IITGN until July 2018. He retired as a professor of mathematics from IIT Bombay in 1984. Prof Pai passed away in Feb 2021.



Prof Ramesh Gaonkar Scholarship: Prof Ramesh Gaonkar is a guest professor at IITGN and professor emeritus at Onondaga Community College (OCC) in the United States. He taught at OCC for nearly 40 years. Before his teaching career, Prof Gaonkar excelled as a design engineer and consultant for various prestigious institutions.

DR MAYA AND DR VISHWANATH TIWARY SCHOLARSHIP

Abhiroop Mishra, a BTech alumnus of 2019, has set up Dr Maya and Dr Vishwanath Tiwary Scholarship in honour of his maternal grandparents. The scholarship worth Rs 1 lakh, will support one undergraduate female student of materials engineering at IITGN every year. As a BTech student of Materials Science and Engineering at IITGN, Abhiroop pursued a research internship at the University of Illinois Urbana-Champaign, USA, as an SN Bose Fellow. Currently, he is pursuing a PhD at the University of Illinois Urbana-Champaign as a Link Foundation Fellow studying the degradation of Li-ion batteries.

MALINI VIJAY DESAI SCHOLARSHIP

Shri Nainan Vijay Desai and **Smt Devyani Nainan Desai** from Tampa, Florida, USA, have established the Malini Vijay Desai Scholarship in honour of their mother and her love for the heritage of Sanskrit language and related studies. Smt Malini Vijay Desai (1929-2018) was very passionate about imparting quality education to students of public and municipal schools. This endowed scholarship of Rs 1 lakh per year is open to all undergraduate and masters' students and will be awarded to one student every year. Shri Nainan Vijay Desai has done BTech from IIT Madras in 1978, followed by an MBA. Smt Devyani Nainan Desai is MD and Child and Adolescent Psychiatrist. Both of them wholeheartedly support

causes for preservation and promotion of the Bharatiya heritage.

SUSHILA PRABHA AND SATISH SINGLA SCHOLARSHIP

Shri Varun Singla, an alumnus of IIT Kharagpur with an MBA from Washington University in St Louis, has set up Sushila Prabha and Satish Singla Scholarship in honour of his parents, as well as in recognition of all devoted parents who tirelessly nurture their children's aspirations. In 2016, Sushila Prabha's courageous battle with cancer not only left an indelible mark on her family but also left behind a legacy of strength and an unwavering belief in the power of education. This scholarship of Rs 1 lakh per year will support one undergraduate student every year. Shri Varun Singla is currently working as a Senior Manager at Amazon, Seattle.

PROF G V RAO SCHOLARSHIP

Prof Amit Prashant, professor, Civil Engineering and dean, Research & Development at IITGN, has instituted Prof G V Rao scholarship in honour of Prof G V Rao, a visiting professor in the Department of Civil Engineering at IITGN since Dec 2015. In addition to conducting numerous courses and lecture series, Prof Rao has been instrumental in the progress and diversification of the consultancy and research projects at IITGN through active industry partnerships. This scholarship of Rs 1 lakh per year will be awarded to one undergraduate student every year. Prof Amit Prashant's research interests include constitutive modelling for granular materials, numerical modelling of geotechnical structures, earthquake geotechnical engineering, and applications of geosynthetics etc.

SADHANA AND PRITHVI PATI SINGH SCHOLARSHIP

Dr Prerna Singh, a BTech alumnus of 2017**,** has established the Sadhana and Prithivi Pati Singh Scholarship at IITGN, honouring her parents and providing Rs 1 lakh annually to support one undergraduate student. Dr Prerna, a Civil Engineering graduate, pursued further studies at Georgia Institute of Technology, USA, and is now a Research Fellow at Transitions Research, focusing on climate resilience & adaptation. Inspired by her parents' careers in teaching and engineering, Prerna's scholarship adds to the 29 others under the Power of 5 initiative by IITGN Alumni, illustrating their impactful contributions.

CSR DONATIONS

CSR PARTNERSHIP WITH TECHFAB INDIA

IITGN has partnered with TechFab (India) Industries Limited on Nov 22, 2023, to establish the 'TechFab India Initiative on Geotechnical Engineering and Geosynthetics' at IITGN. This collaboration is aimed towards promoting a range of activities and initiatives in geothermal engineering, geosynthesis and other related areas to advance these fields, including providing research fellowships/scholarships to IITGN students, faculty, and research staff; supporting R&D and capacity building activities; offering visiting positions to outstanding experts; among others.

K K VITHANI FOUNDATION

K K Vithani Foundation, the CSR arm of Farmson Pharmaceutical Gujarat Pvt Ltd, has collaborated with IITGN to provide financial support to bright students from economically disadvantaged backgrounds, who have secured a place at a premier institution like IITGN despite their financial constraints. The programme aims to increase access to quality education for these deserving students.

MoU WITH FULCRUM - CAPITALISING CSR

IITGN has signed an MoU with Fulcrum - Capitalising CSR on Nov 30, 2023, to jointly develop a scholarship programme to provide financial support to IITGN students from economically disadvantaged backgrounds. As a part of the agreement, Fulcrum - Capitalising CSR will also mobilise funds for these scholarships through its corporate/CSR partners.

DONORS LIST

Name	Category	Location
Rs 1,00,00,000 to Rs 4,99,99,999		
Parimal Karani	well-wisher	Ahmedabad
B V Jagadeesh	well-wisher	Saratoga
Maker Bhavan Foundation	well-wisher	Washington DC
L & T Technologies Services Ltd	well-wisher	Bengaluru
Faiveley Transport Rail Technologies India Pvt Ltd	well-wisher	Bengaluru
Navin Doshi	well-wisher	Los Angeles
K K Vithani Foundation	well-wisher	Vadodara
Radix Electro Systems Pvt Ltd	well-wisher	Mumbai
Desai Foundation	well-wisher	Bedford
Ron Mehta Fund	well-wisher	Watchung, NJ
Rs 25,00000 to Rs 99,99,999		
Ameya Joshi	BTech/EE/2014	San Francisco
Techfab India Industries Limited	well-wisher	Mumbai
Milacron India Pvt Ltd	well-wisher	Ahmedabad
HEFA	well-wisher	New Delhi
Kushal Sacheti	well-wisher	New York
Varun Singla	well-wisher	Gandhinagar
Yuva Unstoppable	well-wisher	Ahmedabad
Vipin Kumar	well-wisher	Seattle
Nainan Vijay Desai	well-wisher	USA
Rs 500000 to 24,99,999		
Abhiroop Mishra	BTech/MSE/2019	Champaign
Rajat Moona	faculty	Gandhinagar
Nirmal Kumar Jha	staff	Gandhinagar
Cumulus Sytems Pvt Ltd	well-wisher	Pune
Rs 1,00,000 to Rs 4,99,999		
Prerna Singh	BTech/CE/2017	Atlanta
Yash Kotak	BTech/EE/2014	Bangalore
Chavali Bharath Chandra	BTech/EE/2020	Ahmedabad
Bhavin Dineshbhai Chauhan	BTech/ME/2013	Singapore
Rounak Mehta	BTech/ME/2015	San Francisco
Madan Taldevkar	BTech/ME/2015	Bangalore
Jithin Prabha	BTech/ME/2016	West Lafayette
Pradeep Saini	BTech/ME/2022	Bangalore
Insha Mansuri	BTech/ME/2023	Gandhinagar
Ramesh Gaonkar	faculty	Syracuse
Akshay Javeri	well-wisher	Gandhinagar
Sudhir K Jain	well-wisher	Gandhinagar
Sudarshan Kumar Saraf	well-wisher	Mumbai
Gaurangi Nikunj Patel	well-wisher	Gandhinagar
Rs 25,000 to Rs 99,999		
Chintakayala Venu Gopal	BTech/CE/2021	Kodad
Jeetendra Kumar	BTech/CE/2021	Hamirpur
Amlin Jose	BTech/CE/2022	Kochi
Yashi Gaur	BTech/CE/2022	Pune
Sahil Purushottam Ingale	BTech/CE/2023	Jalgaon
Snehal Dnyaneshwar Gohad	BTech/CE/2023	Tokyo
Pratyul Kapoor	BTech/CL/2012	Bangalore
Mohmmad Aslam	BTech/CL/2022	Chennai
Aman Sharma	BTech/CL/2022	Pune
Tella Selva Sowmya Rani	BTech/CL/2022	Hyderabad
Akshat Mangal	BTech/CL/2022	Bangalore
Hariharan Dnyaneshwar Parmar	BTech/CL/2023	Dhule
Ram Bhagwan Prajapat	BTech/CSE/2021	Nagaur
Jayasurya Nalamolu	BTech/CSE/2023	Gandhinagar
Prashant Borde	BTech/EE/2012	Aurangabad
Akhilesh Gotmare	BTech/EE/2016	Delhi
Aparna N Tumkur	BTech/EE/2019	Stanford
Gudivada Venkata Prudvi Tej	BTech/EE/2022	Guntur
Madan Janardan Taldevkar	BTech/ME/2015	Bangalore
Tushar Anchan	BTech/ME/2016	Seattle
Bubna Rakesh Rishi	BTech/ME/2017	Seattle
Nisarg Ujjainkar	BTech/ME/2021	Rochester
Dip Das	BTech/ME/2021	Ahmedabad
Mohamed Shamir T M	BTech/ME/2022	Bangalore
Jaydeep Kakadiya	BTech/ME/2022	Surat
Dhvani Manish Shah	BTech/ME/2023	Vadodara
Aagam Rajeev Shah	BTech/MSE/2019	Champaign
Urjit Yajnik	faculty	Gandhinagar
N Ramakrishnan	faculty	Gandhinagar
S P Mehrotra	faculty	Gandhinagar
Ragavan K	faculty	Gandhinagar
Arvind Jain	well-wisher	USA
Shah Bhogilal Jethalal & Brothers	well-wisher	Ahmedabad
R K Synthesis Ltd	well-wisher	Ahmedabad
Firetech Equipment &Systems Pvt Ltd	well-wisher	Ahmedabad
Multispan Control Instruments Pvt Ltd	well-wisher	Ahmedabad
Rs 5000 to Rs 24,999		
Anusha Gupta	BTech/CE/2018	Lucknow
Puneet Swami	BTech/CE/2019	Albuquerque
Animesh Rastogi	BTech/CE/2020	Austin
Trivedi Shubhang Krishnakant	BTech/CE/2022	Rajkot
Kishan Singh	BTech/CE/2022	Delhi
Abhishek Umrao	BTech/CL/2012	Bangalore
Luv Gupta	BTech/CL/2012	San Francisco
Kanchan Patel	BTech/CL/2012	Bangalore
Adit Gupta	BTech/CL/2013	Mumbai
Sushmitha Purnima Kotu	BTech/CL/2013	St Louis
Divyank Singh	BTech/CL/2013	Austin
Smit Alkesh Shah	BTech/CL/2014	Hillsboro
Harika Vakkantula	BTech/CL/2014	Atlanta
Ayushi Patel	BTech/CL/2015	Amherst
Wagh Vidyanand Girish	BTech/CL/2016	Mumbai
Manjot Singh	BTech/CL/2016	Urbana
Abhishek Verma	BTech/CL/2016	Bangalore
Suman Kumari	BTech/CL/2017	Mansfield
Arul Mozhi Devan P	BTech/CL/2018	Edmonton
Naveen Mathan Sundaram	BTech/CL/2018	Seattle
Kavish Kumar	BTech/CL/2019	Ahmedabad
Prateek Verma	BTech/CL/2019	Bangalore
Anusha Kamath Manjeshwar	BTech/CL/2019	Minneapolis
Deepti Gautam	BTech/CL/2019	Mumbai
Rajat Goel	BTech/CL/2019	Noida
Priyanka	BTech/CL/2019	Mumbai
Gameti Nirav	BTech/CL/2020	Panipat
Bhavya Gupta	BTech/CL/2022	Jaipur
Manidhar M	BTech/CL/2022	London
Isha Bayad	BTech/CL/2023	West Lafayette
Kanishk Kalra	BTech/CSE/2021	Faridabad
Shah Rushil Rajiv	BTech/CSE/2021	Ahmedabad

Mohammad Shahid Shareef	BTech/CSE/2022	Warangal
Nishikant Parmar	BTech/CSE/2022	Mandsaur
Janvi Vinodkumar Thakkar	BTech/CSE/2022	London
Naveen Deepak V	BTech/EE/2012	Karimnagar
Prathmesh Juvatkar	BTech/EE/2012	San Francisco
Ankit Agarwal	BTech/EE/2012	Delhi
Nithin G Kumar	BTech/EE/2012	Bangalore
Kishan Suthar	BTech/EE/2013	Sirohi
Chetas Joshi	BTech/EE/2013	San Francisco
Tarkeshwar Singh	BTech/EE/2013	Bangalore
Shashank Tyagi	BTech/EE/2014	Cupertino
Smit Dilipkumar Soni	BTech/EE/2014	San Jose
Gagan Kanojia	BTech/EE/2014	Gwalior
Vibhav Katre	BTech/EE/2014	Bangalore
Hoosein Safdari	BTech/EE/2014	Bangalore
Salecha Kushal	BTech/EE/2016	Bangalore
Medaramatla Sidhartha Reddy	BTech/EE/2016	Nellore
Malireddi Sri Raghu	BTech/EE/2016	Vancouver
Gullapally Sai Chowdary	BTech/EE/2016	Greater Boston
Raj Shekhar	BTech/EE/2016	Surat
Vora Aatman Chandresh	BTech/EE/2017	Hanover
Chenchala Sai Ramana Reddy	BTech/EE/2017	Bangalore
Vaishnavi Sunil Patil	BTech/EE/2018	Mumbai
Tejas Mehta	BTech/EE/2019	Pittsburgh
Ansh Joshi	BTech/EE/2019	Indore
Mandlem Manikanta	BTech/EE/2019	Evanston
Anusha Malani	BTech/EE/2019	Mumbai
Shubhranshu Singh	BTech/EE/2020	Pittsburgh
Akhilesh Ravi	BTech/EE/2021	Bangalore
Tanmaey Gupta	BTech/EE/2021	Bangalore
Jainish Nileshkumar Chauhan	BTech/EE/2021	San Diego
Deepika Soni	BTech/EE/2021	Indore
Vishnu Karthikeya	BTech/EE/2021	Hyderabad
Prajapati Pradipbhai Dahyabhai	BTech/EE/2022	Anand
Viraj Kalpesh Shah	BTech/EE/2022	Mumbai
Kabra Arpita Sanjay	BTech/EE/2022	Vadodara
Mula Sai Ruthvik Reddy	BTech/EE/2023	Hyderabad
Anchit Gaurav	BTech/ME/2012	Abu Dhabi
Prashant Patel	BTech/ME/2013	Edmonton
Rajat Jain	BTech/ME/2013	Mumbai
Mohak Patel	BTech/ME/2013	San Francisco
Shyamal Kishore	BTech/ME/2013	Kingston
Yash Shah	BTech/ME/2013	Sunnyvale
Spandan Das	BTech/ME/2014	Guwahati
Nihar Kotak	BTech/ME/2014	San Jose
Nakul Nuwal	BTech/ME/2014	Champaign
Shubham Bhargav	BTech/ME/2014	Cambridge
Hariom Bhargava	BTech/ME/2014	Dhar
Shubhangi Bansude	BTech/ME/2014	Mansfield
Dhwanil Shukla	BTech/ME/2014	Mumbai
Saraswathibhatla Aashrith Koundinya	BTech/ME/2015	Madison
Eepsit Tiwari	BTech/ME/2015	Bangalore
Ajay Devedwal	BTech/ME/2015	Jaipur
Sachchit Vekaria	BTech/ME/2015	Baladia
Saurabh Singhal	BTech/ME/2015	Delhi
Nirmal J Nair	BTech/ME/2016	Champaign
Rakesh Ranjan	BTech/ME/2016	Deogarh
Shashank Kishore Pareta	BTech/ME/2016	Indore
Vinod Ramakrishnan	BTech/ME/2018	La Jolla
Yash Bohre	BTech/ME/2018	Mumbai
Nithin Ramesh	BTech/ME/2018	Cheriyanad
Gohil Karan Nitinbhai	BTech/ME/2018	West Lafayette
Mitta Venkata Sai Viswanath	BTech/ME/2018	Kadapa
Ahamed Naji Shaham	BTech/ME/2018	Kozhikode
Sonar Chinmay Narendra	BTech/ME/2019	Santa Barbara
Rushali Atul Prakash Saxena	BTech/ME/2019	Mumbai
Tushar Pareek	BTech/ME/2019	Indore
Rahil Sanwla	BTech/ME/2020	Jamnagar
Ashar Akhil Parag	BTech/ME/2020	Golden
Rwik Rana	BTech/ME/2022	Seattle
Akshata Naykoo Kokane	BTech/ME/2023	Kolhapur
Joshi Ankita Abhay	BTech/MSE/2018	Ann Arbor
Aman Kamlesh Singh	BTech/MSE/2019	Écublens
Ujjval Ashokkumar Pamnani	MSc/CG/2015	Pune
Surya Pratap Singh	MSc/CH/2018	Kanpur
Tamalika Paul	MTech/BE/2021	Bangalore
Akash Varma	MTech/CL/2020	Bangalore
Rahul Jain	MTech/CS/2019	Bangalore
Piyush Rathi	MTech/CSE/2019	Rajasthan
Prathmesh Upadhyay	MTech/CSE/2020	Bangalore
Hritwick Banerjee	MTech/EE/2014	Écublens
Mohit Chand	MTech/EE/2015	Vadodara
P R Vaidyanathan	MTech/EE/2019	Vienna
Vishal Ranjan Prasad	MTech/EE/2020	Mumbai
Karanbir Singh Sidhu	MTech/ME/2021	Bangalore
Rohit Gahlot	MTech/ MSE/2021	Roorkee
Tony Thomas	PhD/CG/2019	Roorkee
Vikram Ashok Karde	PhD/CL/2017	London
Rupanjali Gurprasad Prasad	PhD/CL/2021	Atlanta
Kadam Sujay Dilip	PhD/EE/2021	Satara
Sharad Joshi	PhD/EE/2021	Bangalore
Ankita Sinha	PhD/ME/2021	Gandhinagar
Richa Tripathi	PhD/PH/2021	Unnao
Subir Mandal	PhD/PH/2021	Ahmedabad
Agnivo Sarkar	PhD/PH/2022	Baruipur
Atul Bhargav	faculty	Gandhinagar
Meera Mary Sunny	faculty	Gandhinagar
Sharmistha Majumdar	faculty	Gandhinagar
Biswajit Mondal	faculty	Gandhinagar
Sudhanshu Sharma	faculty	Gandhinagar
Arup Lal Chakroborty	faculty	Gandhinagar
Nihar Ranjan Mohaparta	faculty	Gandhinagar
Superb K Misra	faculty	Gandhinagar
Vinod Narayanan	faculty	Gandhinagar
Arnapurna Rath	faculty	Gandhinagar
Sriram K Gundimeda	faculty	Gandhinagar
Shouvick Mondal	faculty	Gandhinagar
Jaison A Manjaly	faculty	Gandhinagar
Chetan Devkishin Pahlajani	faculty	Gandhinagar
Tanya Srivastava	faculty	Gandhinagar
Soumyabrata Chakrabarty	faculty	Gandhinagar
T S Kumbar	staff	Gandhinagar
Balagopal Komarath	staff	Gandhinagar
Pijush Majumdar	staff	Ahmedabad
Jooyoung Kim	staff	Gandhinagar
Shakeel Tirmizi	staff	Gandhinagar
Jayakumar Nandagopal	staff	Gandhinagar
Meena Joshi	staff	Gandhinagar
Santosh Raut	staff	Gandhinagar
Deepak Agnihotri	staff	Gandhinagar
Abhishek Vikrant Mungekar	student	Gandhinagar

Vasudha Vinayak Natu	well-wisher	College Station
Kirat Madhusudan Patel	well-wisher	Mumbai
Bank of Baroda	well-wisher	Gandhinagar
Harsh Bhargava	well-wisher	Kendall Park
Sheetal Shah	well-wisher	Gandhinagar
Madhavi Isanaka	well-wisher	Gandhinagar
Pradeep Bhargava	well-wisher	Pune
Gurkirrat Sachdeva	well-wisher	Gandhinagar
Upto 5000		
Pavan Meena	BSc/CE/2022	Karauli
Shah Ujjaval Satishkumar	BSc/CSE/2022	Surat
Mayank Jain	BTech/CE/2017	Mumbai
Rahul Kumar	BTech/CE/2017	Bhiwani
Rishabh Jain	BTech/CE/2017	Delhi
Manu Chaudhary	BTech/CE/2017	Ahmedabad
Anurag Goyal	BTech/CE/2017	Bangalore
Sakkari Akash Goud	BTech/CE/2017	Nirmal
Dharmendra Kumar	BTech/CE/2017	Delhi
Narendra Sarswat	BTech/CE/2017	Delhi
Shaleen Chhajer	BTech/CE/2017	Digboi
Punit Kumar	BTech/CE/2017	Roorkee
Mayank Khewaria	BTech/CE/2017	Delhi
Shailendra Kumar	BTech/CE/2017	Delhi
Pomraj Prajapat	BTech/CE/2017	Barauni
Roshan Agarwal	BTech/CE/2017	Bangalore
Hemant Kumar	BTech/CE/2017	Delhi
Pranavkumar S	BTech/CE/2018	Mumbai
Borse Dinesh Anil	BTech/CE/2018	Gandhinagar
Abhay Varshney	BTech/CE/2018	Ropar
Prakrut Kansara	BTech/CE/2018	Columbia
Ajay Singh Shekhawat	BTech/CE/2018	Bangalore
Bulabai Sreedhar Gopikrishna	BTech/CE/2018	Mumbai
Vikas Yadav	BTech/CE/2018	Gandhinagar
Kamlesh Choudhary	BTech/CE/2018	Bangalore
Yashwanth Rapolu	BTech/CE/2018	Delhi
Garima Chaudhary	BTech/CE/2018	Mumbai
Homit Singh Pal	BTech/CE/2018	Mandideep
Pranav Kumar Gupta	BTech/CE/2018	Delhi
Devanand	BTech/CE/2018	Bihar
Ankit Ghanghas	BTech/CE/2019	West Lafayette
Naman Jain	BTech/CE/2019	Bangalore
Pulkit Singhal	BTech/CE/2019	Delhi
Choudhary Saurabh Sunil	BTech/CE/2019	Maharashtra
Lavalesh Kumar Bajpayee	BTech/CE/2019	Gandhinagar
Bhoge Shashank Vilas	BTech/CE/2019	Amravati
Aishwary Omkar	BTech/CE/2019	Mumbai
Kartik Mandlekar	BTech/CE/2019	Chennai
Nikesh Panwar	BTech/CE/2019	Balotra
Avinash Singh Soda	BTech/CE/2019	Bilaspur
Anurag Kumar Gupta	BTech/CE/2019	Ballia
Chaudhari Divya Jeevraj	BTech/CE/2019	Aurangabad
Rahul Saini	BTech/CE/2019	Rajasthan
Baviskar Pushpak Kailas	BTech/CE/2019	Aurangabad
Tarun Sharma	BTech/CE/2019	Mumbai
Sarthak Mittal	BTech/CE/2019	Jaipur
Pushpender Kumar Kuntal	BTech/CE/2019	Uttar pradesh
Anurag Dhebana	BTech/CE/2019	Jhunjhunu
Kushal Agrawal	BTech/CE/2019	Indore
Chekkala Sai Srishal	BTech/CE/2020	Hyderabad
Praveen Pandey	BTech/CE/2020	Bhopal
Hansraj Bijarnia	BTech/CE/2020	Ajmer
Jitesh Mittal	BTech/CE/2020	Kolkata
Pranav Peepre	BTech/CE/2020	Mumbai
Arra Sriya	BTech/CE/2020	Ahmedabad
Kokkonda Prashanth	BTech/CE/2020	Hanamkonda
Sahil Jain	BTech/CE/2020	Bangalore
Ajay Bhardwaj	BTech/CE/2020	Karauli
Mukesh Kumar	BTech/CE/2020	Patna
Akshay Mittal	BTech/CE/2020	Chennai
Mayank Kumar	BTech/CE/2020	Ajmer
Ayush Singh	BTech/CE/2020	Roorkee
Kaushal Chhimpa	BTech/CE/2020	Churu
Amar Baroliya	BTech/CE/2020	Jaipur
Anubhav Meena	BTech/CE/2020	Todabhim
Nishant	BTech/CE/2021	Pune
Madhav Tiwari	BTech/CE/2021	Haridwar
Borse Pranjali Anil	BTech/CE/2021	Nashik
Venu Gopal Agarwal	BTech/CE/2021	Uttarakhand
Shubham Baheti	BTech/CE/2021	Pune
Vishesh Roy	BTech/CE/2021	Gandhinagar
Sarang Patil	BTech/CE/2021	Burhanpur
Yashaswi Soni	BTech/CE/2021	Pune
Akash Ajnare	BTech/CE/2021	Indore
Goutham Varanganti	BTech/CE/2021	Gandhinagar
Deepak Meena	BTech/CE/2021	Sawai Madhopur
Pranjal Singh	BTech/CE/2021	Agra
Bhanu Jarwal	BTech/CE/2022	Delhi
Ashish Kumar Meena	BTech/CE/2022	Jodhpur
Bhanu Pratap Singh	BTech/CE/2022	Jodhpur
Sai Gowri Jhansi Boddu	BTech/CE/2022	Vizag
Hardik Khichi	BTech/CE/2022	Jodhpur
Avinash	BTech/CE/2022	Jhunjhunu
Malve Aishwarya Ajay	BTech/CE/2022	Nanded
Aman	BTech/CE/2022	Patna
Devendra Singh	BTech/CE/2022	Nagaur
Utkarsh Nanda	BTech/CE/2022	Ranchi
Paarth Sachan	BTech/CE/2023	Ghaziabad
Anushka Niti	BTech/CE/2023	Bangalore
Himanshu Singhal	BTech/CE/2023	Luxembourg
Yawalkar Abhishek Ganpati	BTech/CE/2023	Ahmedabad
Keshav Kumar Verma	BTech/CE/2023	Jaipur
Yogesh Goyal	BTech/CL/2012	Chicago
Akshay Bishnoi	BTech/CL/2012	Jodhpur
Datla Surya Vikranth Varma	BTech/CL/2012	Kakinada
Gaurav Garg	BTech/CL/2012	Alwar
Yash Marda	BTech/CL/2012	Mumbai
Akash Kumar	BTech/CL/2012	Delhi
Prakash Goulla	BTech/CL/2012	Hyderabad
Jeenam Jindal	BTech/CL/2012	Mumbai
Divya Bansal	BTech/CL/2013	Delhi
Mohit Varma	BTech/CL/2013	Indore
Garima Raghuwanshi	BTech/CL/2013	Bangalore
Sanjay Saroj	BTech/CL/2014	Mumbai
Dasari Yashwanth Kumar	BTech/CL/2014	Visakhapatnam
Amandeep Kaur	BTech/CL/2014	Delhi
Karandikar Rutuparna Pramod	BTech/CL/2014	Pune
Pratyush Shastri	BTech/CL/2014	Bhilai
Durgesh Bagri	BTech/CL/2014	Baran
Prashant Kumar Singh	BTech/CL/2014	Gandhinagar
Nandan Paresh Vora	BTech/CL/2015	Ahmedabad
Monish Bhangale	BTech/CL/2015	Thane
Dhruv Pancholi	BTech/CL/2015	Bangalore
Abhishek Sancheti	BTech/CL/2015	Bangalore
Aditya Samant	BTech/CL/2015	London

Chetan Patil	BTech/CL/2015	Maharashtra
Palak Sadani	BTech/CL/2016	Delhi
Sushil Kumar	BTech/CL/2016	Mumbai
Virendra Singh Panwar	BTech/CL/2016	Pune
Ankit Pandole	BTech/CL/2016	Bangalore
Chaudhary Kunal Ramkishun	BTech/CL/2016	Mumbai
Lavdeep Kaur	BTech/CL/2016	Jhunjhunu
Chowhan Santhosh	BTech/CL/2016	Wesly Nagar
Yashodeep Chavhan	BTech/CL/2016	Ahmednagar
Sunil Sahra	BTech/CL/2016	Mathura
Surendra Beniwal	BTech/CL/2016	Mumbai
Prashant Shekhar	BTech/CL/2016	Jhansi
Vivek Maida	BTech/CL/2016	Delhi
Purushottam Kumar	BTech/CL/2017	Blacksburg
Prince Kumar Verma	BTech/CL/2017	Chennai
Anurag Singhania	BTech/CL/2017	Écublens
Dewansh Rastogi	BTech/CL/2017	Kanpur
Sourabh Soni	BTech/CL/2017	Mumbai
Sargam Jain	BTech/CL/2017	Bangalore
Adappa Ashray Amarnath	BTech/CL/2017	Noida
Kushagra Bhargava	BTech/CL/2017	Kolkata
Devanshu Manoj Jain	BTech/CL/2017	Udaipur
Akshay Kumar Verma	BTech/CL/2017	Bangalore
Kesani Kalyani	BTech/CL/2017	Medchal
Harsh Khandelwal	BTech/CL/2017	Mumbai
Desadla Rushabh Pravin	BTech/CL/2017	Pune
Lakh Chand	BTech/CL/2017	Warangal
Nisha Rawat	BTech/CL/2017	Delhi
Rajat Kumar Gupta	BTech/CL/2017	Mumbai
Roy Nikhil Aditya	BTech/CL/2018	Gainesville
Jani Purvil Rahulbhai	BTech/CL/2018	Ithaca
Ayush Mathur	BTech/CL/2018	Bangalore
Abhinay Rana	BTech/CL/2018	Delhi
Sahilkumar Tabiyad	BTech/CL/2018	Vijaynagar
Setti Satya Sai Venkata Ravi Teja	BTech/CL/2018	Azara
Bhaskar Jyoti Saikia	BTech/CL/2018	Assam
Badri Vishal Meena	BTech/CL/2018	Ahmedabad
Harsh Madhyan	BTech/CL/2019	Mumbai
Ankur Singh	BTech/CL/2019	Ranchi
Ankit Singh	BTech/CL/2019	Mumbai
Shah Atmin Shitalbhai	BTech/CL/2019	Ahmedabad
Shiv Kumar	BTech/CL/2019	Banka
Vijendra Maurya	BTech/CL/2019	Bangalore
Aditi Sharma	BTech/CL/2019	Mumbai
Navpreet Singh	BTech/CL/2019	Ludhiana
Kunal Singhmar	BTech/CL/2019	Bangalore
Akhil Markam	BTech/CL/2019	Hyderabad
Suresh Kumar	BTech/CL/2019	Churu
Khili Khamesra	BTech/CL/2020	Kozhikode
Varsha Singh	BTech/CL/2020	Bangalore
Abhishek Dubey	BTech/CL/2020	Bangalore
Spand Bharat Mehta	BTech/CL/2020	Bharuch
Yash Makwana Yash Makwana	BTech/CL/2020	Udaipur
Anish Dubey	BTech/CL/2020	Pune
Buditi Prudhvi	BTech/CL/2020	Bangalore
Sourabh Saini	BTech/CL/2020	Gandhinagar
Sparsh Jain	BTech/CL/2020	Delhi
Patel Milanbhai	BTech/CL/2020	Navsari
Kamle Mayank Shrikant	BTech/CL/2020	Nagpur
Ritik Jain	BTech/CL/2020	Bangalore
Lakhan Agrawal	BTech/CL/2020	Mumbai
Vyom Mudgal	BTech/CL/2021	Indore
Arun Shakya	BTech/CL/2021	Jhansi
Abhavya Chandra	BTech/CL/2021	Bangalore
Rahul Dhamania	BTech/CL/2021	Delhi
Shantanu Jana	BTech/CL/2021	Bangalore
Parth Upadhyay	BTech/CL/2021	Mumbai
Pradumn Pandey	BTech/CL/2021	Jhansi
Samyak Jain	BTech/CL/2021	Bangalore
Harshal Thool	BTech/CL/2021	Wardha
Deependra Kumar	BTech/CL/2021	Chennai
Parichay Thakore	BTech/CL/2021	Bangalore
Sanjeet Kumar Yadav	BTech/CL/2021	Bangalore
Avinash Joy Bara	BTech/CL/2021	Ahmedabad
Ayushman Bahuguna	BTech/CL/2021	Indore
Rajkumar Sain	BTech/CL/2021	Jaipur
Kartik Hillal	BTech/CL/2022	Pune
Gaurav Sonkusle	BTech/CL/2022	Gandhinagar
Chavan Ashish Kishor	BTech/CL/2022	Wagholi
Lavanya Naik	BTech/CL/2022	Bangalore
N T Ramakrishnan	BTech/CL/2022	Mumbai
Maitreya Thakur	BTech/CL/2022	Mumbai
Mrityunjay Saraf	BTech/CL/2022	Bangalore
Atul Patidar	BTech/CL/2022	Gandhinagar
Shah Jay Ashish	BTech/CL/2022	Newark
Sakshi Kabra	BTech/CL/2022	Vadodara
Manraj Meena	BTech/CL/2022	Sawai Madhopur
Prasanna D	BTech/CL/2022	Mumbai
Thakar Devanshu Nilesh	BTech/CL/2022	Pune
Choudhary Xhitij Manish	BTech/CL/2023	Mumbai
Paarth Madan	BTech/CL/2023	Faridabad
Deepak Patel	BTech/CL/2023	Rewa
Thahir Naquash	BTech/CL/2023	Perambra
Digvijay Vaibhav Mali	BTech/CL/2023	Satara
Mude Harshavardhan Naik	BTech/CL/2023	Kadapa
Kukunuri Sai Venkata Ratna Rithwik	BTech/CSE/2020	Vijayawada
P Jayakrishna Sahit	BTech/CSE/2020	Hyderabad
Rahul Challa	BTech/CSE/2020	Kolkata
S Vinu Sankar	BTech/CSE/2020	College Park
Shivji Bhagat	BTech/CSE/2020	Kolkata
Nitiksha	BTech/CSE/2020	Barnala
Apoorv Agnihotri	BTech/CSE/2020	Bangalore
Rendla Aditya	BTech/CSE/2020	Bangalore
Ayush Garg	BTech/CSE/2020	Delhi
Shivansh Choudhary	BTech/CSE/2020	Hyderabad
Smeet Vora	BTech/CSE/2020	Mumbai
Rohit Sharma	BTech/CSE/2020	Sonebhadra
Rayan Gaat	BTech/CSE/2020	Patiala
Pratik Kayal	BTech/CSE/2020	Guwahati
Mridul Sharma	BTech/CSE/2020	Fatehabad
Kunal Verma	BTech/CSE/2020	Mumbai
Pathlavath Prashanth	BTech/CSE/2020	Nalgonda
Patil Rohan Prashant	BTech/CSE/2021	La Jolla
Anup Aglawe	BTech/CSE/2021	Gandhinagar
Prudhvi Kakumani	BTech/CSE/2021	Prakasam
Rohit Patil	BTech/CSE/2021	Bangalore
Aditya Garg	BTech/CSE/2021	Gomti Nagar
Atharva Chewale	BTech/CSE/2021	Parbhani
Vandan Patel	BTech/CSE/2021	Pune
Ankush Chauhan	BTech/CSE/2021	Kota
Dyavarashetty Peeyush	BTech/CSE/2021	Karimnagar
Debarya Das	BTech/CSE/2021	Durg

Anshuman Yadav	BTech/CSE/2021	Bangalore
Chenna Kesava Tirunagari	BTech/CSE/2021	Bangalore
Ayush Agarwal	BTech/CSE/2021	Jaipur
Kavita Vaishnaw	BTech/CSE/2021	Delhi
Saumitra Sharma	BTech/CSE/2021	Bangalore
Anubhav Jain	BTech/CSE/2021	Ahmedabad
Gajapure Kshitij Dewanand	BTech/CSE/2021	Gondia
Anitha Dharavath	BTech/CSE/2021	Hyderabad
Chandan Maji	BTech/CSE/2021	Asansol
Mohit Mina	BTech/CSE/2021	Faridabad
Abhisht Tiwari	BTech/CSE/2021	Indore
Mrinal Anand	BTech/CSE/2021	Bangalore
Pushkar Mujumdar	BTech/CSE/2022	Nagpur
Mihir Vikram Jain	BTech/CSE/2022	Bangalore
Devvrat Joshi	BTech/CSE/2022	Bangalore
Aditya Dilip Pusalkar	BTech/CSE/2022	Pune
Sachin Yadav	BTech/CSE/2022	Delhi
Chris Francis	BTech/CSE/2022	La Jolla
Vivek Upendrakumar Modi	BTech/CSE/2022	Greater Philadelphia
Raghav Goyal	BTech/CSE/2022	Delhi
Kalyan Reddy S	BTech/CSE/2022	Bangalore
Pawar Ajinkya Shirish	BTech/CSE/2022	Bangalore
Amireddy Manisha	BTech/CSE/2022	Nalgonda
Prasad Athave	BTech/CSE/2022	Hingoli
Sagar Bisen	BTech/CSE/2022	Bangalore
Harshit Kumar	BTech/CSE/2022	Ahmedabad
Anupam Kumar	BTech/CSE/2022	Bangalore
Shruti Katpara	BTech/CSE/2022	Gandhinagar
Abhigyan Martin Ninama	BTech/CSE/2023	Jhabua
Lovepreet Singh	BTech/CSE/2023	Bangalore
Shridhar Pawar	BTech/CSE/2023	Parbhani
Paras Jain	BTech/CSE/2023	Pune
Divyanshu Meena	BTech/CSE/2023	Gurgaon
Likhita Baswani	BTech/CSE/2023	Bangalore
Mahika Om Jaguste	BTech/CSE/2023	Thane
Viramgami Gaurav	BTech/CSE/2023	Gurugram
Paras Gupta	BTech/CSE/2023	Mumbai
Shreyshi Singh	BTech/CSE/2023	Ahmedabad
Neel Nadkarni	BTech/EE/2012	Cambridge
Arava Pavan Kishore	BTech/EE/2012	Hyderabad
Raja Shekhar Bhuma	BTech/EE/2012	Hyderabad
Naveen Kumar Endla	BTech/EE/2012	Udaipur
Prerit Terway	BTech/EE/2012	Princeton
Gaurav Kumar	BTech/EE/2012	Bangalore
Sarthak Jain	BTech/EE/2012	USA
Gandham Mahendranadh	BTech/EE/2012	Kakinada
Bhargav Kumar Thadem	BTech/EE/2012	Mumbai
Rahul Kawadkar	BTech/EE/2012	Delhi
Suguru Kundan	BTech/EE/2012	Hyderabad
Shaik Siddhikh Hussain	BTech/EE/2012	Hyderabad
Amit Asher	BTech/EE/2012	Mumbai
Nitesh Gupta	BTech/EE/2012	Bangalore
Nishant Joshi	BTech/EE/2012	Mumbai
Suraj Sonker	BTech/EE/2013	Nagpur
Ekta Prashnani	BTech/EE/2013	Santa Barbara
Siddharth Gora	BTech/EE/2013	Kota
Satyendra Singh Jadaun	BTech/EE/2013	Chennai
Pritish Jain	BTech/EE/2013	Chennai
Mohit Malu	BTech/EE/2013	Tempe
Parth M Shah	BTech/EE/2013	Delhi
Niral Pankaj Parikh	BTech/EE/2013	Bangalore
Shubham Agrawal	BTech/EE/2013	Bangalore
Rahul Kamlesh Jeshnani	BTech/EE/2013	Pune
Piyush Arun Meshram	BTech/EE/2013	Gandhinagar
Raghavendra Chary	BTech/EE/2014	Detroit
Sunil Nair	BTech/EE/2014	Dallas
Sanjay Kumar Gill	BTech/EE/2014	Jhunjhunu
Ankita Sharma	BTech/EE/2014	Mumbai
Karthik Saxena	BTech/EE/2014	San Francisco
Siva Krishna Sarma Parimi	BTech/EE/2014	Kothapeta
Tanay Patel	BTech/EE/2014	Gujarat
Ankur Meena	BTech/EE/2014	Sikar
Ravindra Meena	BTech/EE/2014	Nagpur
Nitya Pawar	BTech/EE/2014	Delhi
Dharm Ratna	BTech/EE/2014	Lucknow
Sushrut Pramod Meshram	BTech/EE/2014	Mumbai
Raj Shah	BTech/EE/2015	Bellevue
Abhishek Singh	BTech/EE/2015	Bangalore
Vaibhav Gandhi	BTech/EE/2015	San Diego
Parth Gudhka	BTech/EE/2015	Gandhinagar
Vaibhav Mathur	BTech/EE/2015	Jodhpur
Preet Shah	BTech/EE/2015	Mumbai
Heda Shashank Kamlesh	BTech/EE/2015	Amritsar
Mukesh Singh Rawat	BTech/EE/2015	Rajkot
Abhishek Soni	BTech/EE/2015	Gurgaon
Vinit Sanjay Joshi	BTech/EE/2015	Mumbai
Prateek Baldwa	BTech/EE/2015	Noida
Sanjay Kumar Meena	BTech/EE/2015	Bangalore
Ajinkya Tupkar Jain	BTech/EE/2016	Mumbai
Mudit Rathor	BTech/EE/2016	Delhi
Jatindeep Singh	BTech/EE/2016	New York
Kamanuru Vamsidhar Reddy	BTech/EE/2016	San Francisco
Shrikant Patel	BTech/EE/2016	Panna
Rajesh Kumar Meena	BTech/EE/2016	Dausa
Prince Kumar Singh	BTech/EE/2016	Delhi
Mehta Yash Sanjay	BTech/EE/2016	Mumbai
Prashant Kumar	BTech/EE/2016	Mumbai
Byrapuram Venkata Vijaya Bharath R	BTech/EE/2016	Nandyal Kurnool
Somani Dipen Omprakash	BTech/EE/2016	Bangalore
Chitranshu Kumar	BTech/EE/2016	Pune
Gaurav Gupta	BTech/EE/2016	Jaipur
Alok Singh	BTech/EE/2016	Noida
Paturu Veerabadra Lokesh	BTech/EE/2016	Nellore
Animesh Singh Kumawat	BTech/EE/2016	Udaipur
Kashyap Patel	BTech/EE/2017	Dallas
Shashank Mehra	BTech/EE/2017	Bangalore
Niharika	BTech/EE/2017	Patna
Dinendra Pratap Singh Tomar	BTech/EE/2017	Delhi
Pabbathi Akhil Kumar	BTech/EE/2017	Bangalore
Shah Aditya Suresh	BTech/EE/2017	Mumbai
Vipin Prajapati	BTech/EE/2017	Ahmedabad
Goel Pratham Rajkumar Saroj	BTech/EE/2017	Mumbai
Sakshi Yadav	BTech/EE/2017	Bangalore
Vikram Alriya	BTech/EE/2017	Jaipur
Lokesh Singh	BTech/EE/2017	Saharsa
Manav Raj	BTech/EE/2017	Pune
Kshitij Singh	BTech/EE/2017	Delhi
Rushi Jariwala	BTech/EE/2017	Mumbai
Jitendra Kuldeep	BTech/EE/2017	Bangalore
Aditya Goel	BTech/EE/2018	Navi Mumbai
Duthade Sanket Rajesh	BTech/EE/2018	Beed
Rachit Goyal	BTech/EE/2018	Gandhinagar

Ashim Raj Konwar	BTech/EE/2018	Delhi
Yashovardhan	BTech/EE/2018	Indore
Ayushman Tripathi	BTech/EE/2018	Ahmedabad
Ayush Shrote	BTech/EE/2018	Trivandrum
Varun Aggarwal	BTech/EE/2018	Durham
Gohil Vasudev Arvindkumar	BTech/EE/2018	College Station
Gottumukala Sai Rama Krishna	BTech/EE/2018	Amberpet
Anmol Gaur	BTech/EE/2018	Beawar
Vikas Kumar Meena	BTech/EE/2018	Delhi
Mayur Madhav Vishe	BTech/EE/2018	Bangalore
Amit Bhongade	BTech/EE/2018	Delhi
Himanshu Pal	BTech/EE/2018	Delhi
Arvind Roshaans	BTech/EE/2018	Hyderabad
Amit Parihar	BTech/EE/2019	Tonk City
Arik Pamnani	BTech/EE/2019	Bangalore
Navin Kumar	BTech/EE/2019	Bangalore
Deepak Battu	BTech/EE/2019	Hyderabad
Ravi Shrimal	BTech/EE/2019	Delhi
Priolkar Neha Satyendra	BTech/EE/2020	Mumbai
Shubham Ashok Kalgunde	BTech/EE/2020	Hyderabad
Bedmutha Manas Satish	BTech/EE/2020	Nashik
Jatin Ashish Dholakia	BTech/EE/2020	Bangalore
Pankaj Vatwani	BTech/EE/2020	Bangalore
Anshul Shivhare	BTech/EE/2020	Bangalore
Pratik Puri Goswami	BTech/EE/2020	Bhavnagar
Amit Kumar Singh Yadav	BTech/EE/2020	Bangalore
Penumaka Gopi Kishore	BTech/EE/2020	Krishna
Chakka Snehith	BTech/EE/2020	East Godavari
Rahul Yadav	BTech/EE/2020	Bangalore
K S Santhosh Kumar	BTech/EE/2020	Chittoor
Balani Mohit	BTech/EE/2020	Ahmedabad
Ravi Jangir	BTech/EE/2020	Sikar
Shweta Pardeshi	BTech/EE/2021	Bangalore
Onteddu Rama Krishna Reddy	BTech/EE/2021	Kurnool
Nayan Chaudhary	BTech/EE/2021	Mumbai
Sankesh Dehade	BTech/EE/2021	Aurangabad
Utsav Jethva	BTech/EE/2021	Junagadh
Chennuri Prateek	BTech/EE/2021	Hyderabad
Ram Udit Saadh	BTech/EE/2021	Jaipur
Vedanta Krishna Bhutani	BTech/EE/2021	Jaipur
Patel Ajjkumar Dahyalal	BTech/EE/2021	Bangalore
Jenishkumar Chauhan	BTech/EE/2021	Gandhinagar
Manoj Kumawat	BTech/EE/2021	Sikar
Vamshi Nikhil Pandipati	BTech/EE/2021	Nandyal
Sai Chandra Uttharapally	BTech/EE/2021	Bangalore
Ravi Rathod	BTech/EE/2021	Ahmedabad
Shreya Pamecha	BTech/EE/2021	Rajasthan
Chandrahas Pundru	BTech/EE/2021	Gandhinagar
Patel Urvishkumar Jayrambhai	BTech/EE/2021	Ankleshwar
Himanshu Rai Himanshu Rai	BTech/EE/2021	Varanasi
Patel Dhruvin Pankajkumar	BTech/EE/2022	Bangalore
Abhinav Meena	BTech/EE/2022	Jaipur
Praveen Venkatesh	BTech/EE/2022	Pittsburgh
Roopak Sharma	BTech/EE/2022	Bangalore
Jessica Sathyarthi	BTech/EE/2022	Gwalior
Arpit Kaushal	BTech/EE/2022	Gandhinagar
Kumar Ayush Paramhans	BTech/EE/2022	Gandhinagar
Satyam Kumar	BTech/EE/2022	Bhagalpur
Udit Vyas	BTech/EE/2022	Ahmedabad
Shril Paresh Mody	BTech/EE/2022	La Jolla Shores
Bhavesh Kumar Solanki	BTech/EE/2022	Barmer
Shivanshu Sharma	BTech/EE/2022	Mohali
Pulkit Jain	BTech/EE/2023	Jaipur
Earandi Saineeth	BTech/EE/2023	Bangalore
Koushik Chandra Chenna	BTech/EE/2023	Bangalore
Vashishtha Gautam Prashant	BTech/EE/2023	Ahmedabad
Swar Jatin Upadhyay	BTech/EE/2023	Gandhinagar
Sanchit Mittal	BTech/EE/2023	Delhi
Nitish A Ratan	BTech/ME/2012	San Francisco
Tanmay Hiralal Balwa	BTech/ME/2012	Pune
Puneeth Chakravarthula	BTech/ME/2012	Santa Barbara
Omkaram Kommu	BTech/ME/2012	Udhagamandalam
Kaustubh Kapure	BTech/ME/2012	Noida
Saurabh Gangwal	BTech/ME/2012	Delhi
Nikhil Haridas	BTech/ME/2012	Bangalore
Swati Verma	BTech/ME/2012	Delhi
Ram Prakash	BTech/ME/2012	Jaipur
Hiralal	BTech/ME/2012	Jalore
Ajinkya Mukund Kulkarni	BTech/ME/2012	Mumbai
Abhik Patel	BTech/ME/2012	Bangalore
Abhishek Kandoi	BTech/ME/2012	Jodhpur
Shreyas Vaidya	BTech/ME/2013	Bangalore
Ajinkya P Dahale	BTech/ME/2013	Mumbai
Harikrishnan Cb	BTech/ME/2013	Thrissur
Rohit Chouksey	BTech/ME/2013	Mumbai
Sripada R G Krishna Teja	BTech/ME/2013	Hyderabad
Babulal	BTech/ME/2013	Sikar
Varun Gupta	BTech/ME/2013	Bangalore
Ravi Agarwal	BTech/ME/2013	Singapore
Atharva Abhay Patil	BTech/ME/2014	Massachusetts
Hare Mahato	BTech/ME/2014	Ho Chi Minh
Sumit Deshmukh	BTech/ME/2014	Thane
Shaliwahan Singh Rathore	BTech/ME/2014	Dhar
Suyash Subhash Patkar	BTech/ME/2014	Mumbai
Mangesh Popatrao Gangarde	BTech/ME/2014	Jaipur
Navneet Meena	BTech/ME/2014	Dungarpur
Anu Vivek	BTech/ME/2014	Ahmedabad
Purushottam Lal Suman	BTech/ME/2014	Noida
Vikram Vishnoi	BTech/ME/2014	Jalore
Sri Siva Ganesh Geddada	BTech/ME/2014	Delhi
Gavasane Ritu Milind	BTech/ME/2014	Pune
Gaurav Mahamuni	BTech/ME/2015	Jaipur
Anshul Gupta	BTech/ME/2015	Delhi
Akash Keshav Singh	BTech/ME/2015	Pune
Ramesh Kumar	BTech/ME/2015	Chennai
Prasit Pal	BTech/ME/2015	Vadodara
Vishal Yadav	BTech/ME/2015	Delhi
Dhyey Shah	BTech/ME/2015	Ahmedabad
Aryan	BTech/ME/2015	Muzaffarpur
Mahesh Kumar	BTech/ME/2015	Bikaner
Ronak Khandelwal	BTech/ME/2015	Bangalore
Rajesh Patidar	BTech/ME/2015	Delhi
Abhay C A	BTech/ME/2015	Patna
Shreyans Nahar	BTech/ME/2015	Mumbai
Vivek Prakash	BTech/ME/2015	Jharkhand
Harsh Gupta	BTech/ME/2015	Bangalore
Utsav Y Mistry	BTech/ME/2015	Mumbai
Meet Prakashbhai Vadera	BTech/ME/2016	St Louis
Konduru Venkata Naga Sai Ravi Teja	BTech/ME/2016	Guntur
Anarse Ashish Pralhad	BTech/ME/2016	Aurangabad

Patil Radhika Pramod	BTech/ME/2016	Stanford
Rahul Garg	BTech/ME/2016	Lucknow
Gaurav Sharma	BTech/ME/2016	Baltimore
Margaj Om Vijay	BTech/ME/2016	Aurangabad
Shashank Nigam	BTech/ME/2016	Gunah
Nikita Patta	BTech/ME/2016	Stanford
Penumaka Aruna Kumarudu	BTech/ME/2016	Krishna District
Ritwik Shukla	BTech/ME/2016	Jhansi
Karan Palaskar	BTech/ME/2016	Mumbai
Koushik Mani	BTech/ME/2016	Guwahati
Yash Pratap Singh	BTech/ME/2016	Delhi
Hydarali M T	BTech/ME/2016	Barmer
Rocky Dongre	BTech/ME/2016	Chennai
Naveen Kumar	BTech/ME/2016	Bangalore
Potturu Apurva	BTech/ME/2016	Krishna District
Muzammil Rawoot	BTech/ME/2016	Mumbra
Abhinav Singh	BTech/ME/2016	Mumbai
Amber Kothari	BTech/ME/2017	Bangalore
Anurag Agrawal	BTech/ME/2017	Delhi
Nishanth	BTech/ME/2017	Bangalore
Amit Yadav	BTech/ME/2017	Pune
Vaibhav Gupta	BTech/ME/2017	Delhi
Devendra Meena	BTech/ME/2017	Kozhikode
Rohit Nanavati	BTech/ME/2017	Mumbai
Manjeet Chaudhary	BTech/ME/2017	Delhi
Raut Abhishek Satish	BTech/ME/2017	Bangalore
Ankit Mittal	BTech/ME/2017	Mumbai
Sumit Kumar	BTech/ME/2017	Delhi
Pawan	BTech/ME/2017	Delhi
Bhagat Rajan Balister	BTech/ME/2017	Bangalore
Tanay Kankane	BTech/ME/2017	Bangalore
Bhargav Chauhan	BTech/ME/2017	Rajkot
Guguloth Srinivas	BTech/ME/2017	Mahbubabad
Shah Jugal Saurin	BTech/ME/2017	Delhi
Kanak Sharma	BTech/ME/2017	Mumbai
Pragadeesh R R	BTech/ME/2018	Salem
Modi Harsh Jashvantbhai	BTech/ME/2018	Pune
Trivedi Jaldhir Sanjay	BTech/ME/2018	Pittsburgh
Vakharia Vismay Dilipkumar	BTech/ME/2018	Jamnagar
Solleti Goutham	BTech/ME/2018	Andhra Pradesh
Akhilesh Bhat	BTech/ME/2018	Philadelphia
Kapil Sharma	BTech/ME/2018	Delhi
Subodh Kumar	BTech/ME/2018	Ahmedabad
Tushar Nirmal	BTech/ME/2018	Ahmedabad
Dave Sowill	BTech/ME/2018	Surat
Prathamesh Badve	BTech/ME/2019	Blacksburg
Alrick Cyril Dsouza	BTech/ME/2019	Sunnyvale
Santhosh S	BTech/ME/2019	Chennai
Jagmohan	BTech/ME/2019	Davis
Saurav Nagar	BTech/ME/2019	Bangalore
Saksham Singal	BTech/ME/2019	Bangalore
Sandeep Kumar Yadav	BTech/ME/2019	Bangalore
Ayaz Lakhani	BTech/ME/2019	Bangalore
Varun Rajkumar Bhattad	BTech/ME/2019	Akola
Yash Patel	BTech/ME/2019	Chennai
Tukkani Sandeep Reddy	BTech/ME/2019	Guwahati
Vaibhav Mittal	BTech/ME/2019	Raipur
Rajat Ranjan	BTech/ME/2019	Gandhinagar
Shikhar Rajput	BTech/ME/2019	Bhopal
Kadam Omkar Devidas	BTech/ME/2020	Nanded
Shrinidhi Bhide	BTech/ME/2020	Mumbai
Upendra Kumar Upendra Kumar	BTech/ME/2020	Delhi
Manvendra Singh Chauhan	BTech/ME/2020	Jaipur
Mukul Lawas	BTech/ME/2020	Mumbai
Sakhalikar Pushpakraj Shyamappa	BTech/ME/2020	Buldana
Bharg Mehta	BTech/ME/2020	Surat
Rathi Aditya Manish	BTech/ME/2020	Pittsburgh
Amit Jangid	BTech/ME/2020	Jaipur
Vaibhav Pal	BTech/ME/2020	Dehradun
Kevin Patel	BTech/ME/2020	Ahmedabad
Ukey Vishal Hemraj	BTech/ME/2020	Bhandara
Chitipolu Gowtham	BTech/ME/2020	Ahmedabad
Rajat Biluniya	BTech/ME/2020	Alwar
Putsala Anirudh	BTech/ME/2020	Ahmedabad
Suyash Patidar Suyash Patidar	BTech/ME/2020	Pune
Akshat Bansal	BTech/ME/2020	Mumbai
Soni Anirudha Pradeepkumar	BTech/ME/2021	Mumbai
Vandit Goyal	BTech/ME/2021	Jaipur
Shireesh Shelke	BTech/ME/2021	Mumbai
Balaji Sukkala	BTech/ME/2021	Chennai
Harsh Kakadiya	BTech/ME/2021	Bangalore
Parth Agarwal	BTech/ME/2021	Odhav
Jainam Shah	BTech/ME/2021	Mumbai
Heram Naik Bhukya	BTech/ME/2021	Gandhinagar
Karanam Avinash	BTech/ME/2021	Indore
Adithya R	BTech/ME/2021	Chennai
Anupam Swarnkar	BTech/ME/2021	Chennai
Dhake Yash Nilkanth	BTech/ME/2021	Jalgaon
Vatsal Ketankumar Joshi	BTech/ME/2021	Pittsburgh
Vala Vedangraj	BTech/ME/2021	Gandhinagar
Deshpande Shubham Gopal	BTech/ME/2021	Ahmedabad
Yash Gaur	BTech/ME/2021	Hyderabad
Polampalli Bala Srimannarayana	BTech/ME/2021	Guntur
Meshram Yash Arun	BTech/ME/2022	Chandrapur
Vaibhav Saini	BTech/ME/2022	Jaipur
Rohan Shirodkar	BTech/ME/2022	Pune
Maddela Siddarth	BTech/ME/2022	Secunderabad
Dev Patel	BTech/ME/2022	Chennai
Rakesh Naidu Pedamajji	BTech/ME/2022	Vijayawada
Vaishnavi Kokadwar	BTech/ME/2022	Pune
Pushan Patel	BTech/ME/2022	Pune
Abhiraj Bhasin	BTech/ME/2022	Bangalore
Dalmia Gaurav Ravi	BTech/ME/2022	Mumbai
Yatharth Vakil	BTech/ME/2022	Ahmedabad
Prathamesh Vibhute	BTech/ME/2022	Mumbai
Ritu Verma	BTech/ME/2022	Dausa
Jaydeep Gulab Ramnani	BTech/ME/2022	Pittsburgh
Tanmay Jain	BTech/ME/2022	Mumbai
Rishabh Rohil	BTech/ME/2023	Aligarh
Dhruv Darda	BTech/ME/2023	Bangalore
Prayagi Ishan Sunil	BTech/ME/2023	Bangalore
Nikita	BTech/ME/2023	Jamshedpur
Sourav Yadav	BTech/ME/2023	Thane
Aniket Rajnish	BTech/ME/2023	Livingston St.
Patel Videh Prerakbhai	BTech/ME/2023	Bangalore
Adarsh Golait	BTech/ME/2023	Mumbai
Jugal Mehta	BTech/MSE/2018	Davis
Bhupendra Kumar	BTech/MSE/2018	Kharagpur
Dileep Singh	BTech/MSE/2018	Pune
Aditya Kumar	BTech/MSE/2018	Mumbai
Tandale Mohit Mukundraj	BTech/MSE/2018	Latur
Deepak Dhariwal	BTech/MSE/2018	Blacksburg

Sisara Pratikkumar Dhirubhai	BTech/MSE/2019	Surat
Jammu Tarun Kumar	BTech/MSE/2019	Vizianagaram
Tulasi Narendra Das Tripurana	BTech/MSE/2019	Andhra Pradesh
Priyang Priyadarshi	BTech/MSE/2019	Gandhinagar
Ayush Gupta	BTech/MSE/2019	Kanpur
Rahul Rajeev	BTech/MSE/2020	Clemson
Ayan Rakshit	BTech/MSE/2020	Mumbai
Neha Meena Neha Meena	BTech/MSE/2020	Pune
Kunwar Shivam Pratap	BTech/MSE/2020	Kanpur
Pankaj Kumar Saini	BTech/MSE/2020	Guwahati
Shubham Gond	BTech/MSE/2020	Gandhinagar
Sujeet Singh Mathur	BTech/MSE/2020	Kanpur
Himani Verma	BTech/MSE/2020	Indore
Ratul Chakraborty	BTech/MSE/2020	Bangalore
Jayshankar Sharma	BTech/MSE/2020	Ahmedabad
Ingle Varad Jitendrakumar	BTech/MSE/2020	Aurangabad
Sriram Sriharsha Sriram Sriharsha	BTech/MSE/2020	Mahbubnagar
Dhrmendra Sablaniya	BTech/MSE/2020	Gandhinagar
Shreyas Sreeram	BTech/MSE/2020	Chennai
Bukya Vinay	BTech/MSE/2020	Hyderabad
Bidyan Basumatary	BTech/MSE/2020	Gandhinagar
Dineshraj D	BTech/MSE/2021	Coimbatore
Mundada Yasham Amar	BTech/MSE/2021	State College
Shivani Patley	BTech/MSE/2021	Kozhikode
Anuj Yadav	BTech/MSE/2021	Delhi
Pinniboina Muneeswar	BTech/MSE/2021	Chittoor
Karra Uma Naga Srikar	BTech/MSE/2021	La Jolla
Surabhi A Torne	BTech/MSE/2021	Vadodara
Kaushik Bhaiya	BTech/MSE/2021	Bangalore
Rampratap Kumar	BTech/MSE/2021	Howrah
Dhananjay Singh	BTech/MSE/2022	Hardoi
Dhruv Bukinkere	BTech/MSE/2022	Haryana
Sagar Singh Meena	BTech/MSE/2022	Karauli
Suryansh Kumar	BTech/MSE/2022	Delhi
Katike Pranay Deep Reddy	BTech/MSE/2022	Hyderabad
Krish Gupta	BTech/MSE/2022	Mumbai
Godina Ganga Hrishikesh	BTech/MSE/2022	Delhi
Guntoorkar Chaitanya Shashikant	BTech/MSE/2023	Mumbai
Shirodkar Soham Rajesh	BTech/MSE/2023	Mumbai
Sameer Khan Mehar	BTech/MSE/2023	Gurugram
Umang Agrawal	BTech/MSE/2023	Mumbai
Durgesh Patil	BTech/MSE/2023	Palanpur
B Ratna Bharti	MA/HSS/2016	Delhi
Tushar Meshram	MA/HSS/2016	Delhi
Sini Susan Varghese	MA/HSS/2016	Ahmedabad
Oza Bhargav Hiren	MA/HSS/2016	Ahmedabad
Mudavat Srinivas	MA/HSS/2016	Hyderabad
Bhandari Saumya Nareshkumar	MA/HSS/2016	Ahmedabad
Saravanan V	MA/HSS/2016	Delhi
Arundhathy B	MA/HSS/2018	Hyderabad
Pawan Sharma	MA/HSS/2018	Adelaide
Rituparna Rana	MA/HSS/2018	Berlin
Swara Joshi	MA/HSS/2018	Ahmedabad
Prerna Subramanian	MA/HSS/2018	Kingston
Anuracti Sharma	MA/HSS/2019	Mumbai
Arya P Adityan	MA/HSS/2019	Tallahassee
Pankaj Tiwari	MA/HSS/2019	Balrampur
Suyash Dhanvir Pasi	MA/HSS/2019	Ahmedabad
Suhair K K	MA/HSS/2019	Kerala
Dalia N	MA/HSS/2019	Gandhinagar
Kadeeja Nourah B H	MA/HSS/2019	Calicut
Piyusha Verma	MA/HSS/2019	Vadodara
Tanvi Jain	MA/HSS/2019	Delhi
Sayantani Saraswati	MA/HSS/2020	Jodhpur
Vasundhara Krishnan	MA/HSS/2020	Bangalore
Ahila Sekar	MA/HSS/2020	Tamil Nadu
Swaroopa Bhatkar	MA/HSS/2020	Vizag
Dimple Khattar	MA/HSS/2020	Kochi
Abhishek Ramesh	MA/HSS/2021	Anantapur
Ajay Devda	MA/HSS/2021	Gandhinagar
Rashid K K	MA/HSS/2021	Gandhinagar
Khushboo Sahrawat	MA/HSS/2021	Gandhinagar
Vishal Verma	MA/HSS/2021	Kasargod
Adyasha Behera	MA/HSS/2021	Anakapalle
Sneha Sathyan	MA/HSS/2021	Vijayawada
Angel Maria Varghese	MA/HSS/2022	Gandhinagar
Ausula Prashanth	MA/HSS/2022	Kochi
Remya P K	MA/HSS/2022	Bangalore
Priya Jain	MA/HSS/2022	Delhi
Tanurima Shau	MA/HSS/2022	Gandhinagar
Khushboo Kumari	MA/HSS/2022	Coimbatore
Hyma Balakrishnan	MA/HSS/2022	Bangalore
Safa Fathim	MA/HSS/2023	Delhi
Anisha Mohanty	MA/HSS/2023	Gandhinagar
Deeksha Gautam	MA/HSS/2023	Gandhinagar
Sagar Sudhakar	MA/HSS/2023	Kalaburagi
Abhilasha Hazarika	MA/HSS/2023	Guwahati
Ep Sarfras	MA/HSS/2023	Trivandrum
Rutuja Jagadish Gongane	MA/HSS/2023	Khalasa
Ashwini Kumar Mishra	MSc/CG/2015	Lucknow
Goldy Yadav	MSc/CG/2015	Brussels
Hamza Mohd Zubair	MSc/CG/2015	Uttar Pradesh
Aditya Singh	MSc/CG/2015	Gandhinagar
Kinley Kucera Mehra	MSc/CG/2015	Kottayam
Ankhuri Saxena	MSc/CG/2016	Noida
Devu Mahesan	MSc/CG/2016	Mumbai
Rakhi	MSc/CG/2016	Ahmedabad
Kishore Kumar Jagini	MSc/CG/2016	Warangal
Abhishek Gahatraj	MSc/CG/2016	Delhi
Pastakia Taronish Astad	MSc/CG/2017	Ahmedabad
Sohhom Bandyopadhyay	MSc/CG/2017	Kolkata
Pavithra Ashok Kumar	MSc/CG/2018	Bangalore
Saravanan B	MSc/CG/2018	Coimbatore
Baby Ziliya Na	MSc/CG/2018	Malappuram
Sreekanth C	MSc/CG/2019	Bangalore
Prankur Saxena	MSc/CG/2019	Bangalore
Saba Nasir Pathan	MSc/CG/2019	Mumbai
Luke Nihal Dasari	MSc/CG/2019	Delhi
Sanika Gupta	MSc/CG/2019	Uttar pradesh
Anushka Oza	MSc/CG/2020	Ahmedabad
Divya Reji	MSc/CG/2020	Delhi
Ishita Arun	MSc/CG/2020	Delhi
Esha Sharma	MSc/CG/2020	Mumbai
Ekta Khemchandani	MSc/CG/2020	Delhi
Ihsan K	MSc/CG/2020	Gandhinagar
Bukunmi Adewumi	MSc/CG/2021	Bangalore
Tharan Suresh	MSc/CG/2021	Tamil Nadu
Anjana Cp	MSc/CG/2021	Bangalore
Sanya Jain	MSc/CG/2021	Firozabad
Nashra Ahmad	MSc/CG/2021	Payappar
Caren Felicia J	MSc/CG/2021	Bangalore

Vikram Singh Negi	MSc/CG/2021	Gandhinagar
Kratika Mujmer	MSc/CG/2021	Bristol
Praneeta Taranekar	MSc/CG/2022	Delhi
Alpha Zenith Topno	MSc/CG/2022	Noida
Tapaswi Simran Sandeep	MSc/CG/2022	Pune
Shraddha Gokul Matkar	MSc/CG/2022	Itarsi
Uzma Sarwat	MSc/CG/2022	Delhi
Divya Kundani	MSc/CG/2022	Pune
Wardah	MSc/CG/2022	Gandhinagar
Rithwik Narayanan	MSc/CG/2022	Pune
Mrunal Chauhan	MSc/CG/2023	Gandhinagar
Ashla Selvam	MSc/CG/2023	Chennai
Atri Ghosh	MSc/CG/2023	Kolkata
Gopika Velayudhan	MSc/CG/2023	Bangalore
Ramya Warrier	MSc/CG/2023	Germany
Malavika Krishna Kumar	MSc/CG/2023	Thrissur
Susan Ajith	MSc/CG/2023	Ernakulam
Devangshu Nandi	MSc/CG/2023	Bangalore
Murshid Husain	MSc/CG/2023	Palakkad
Gayatri Narayan Nerpagar	MSc/CG/2023	Gandhinagar
Aman Panwar	MSc/CH/2015	Austin
Amarjyoti Das Mahapatra	MSc/CH/2015	Gandhinagar
Palash Jana	MSc/CH/2015	Delhi
Payal Arora	MSc/CH/2016	Gurgaon
Himanshu Kumar Singh	MSc/CH/2017	Anand
Kotha Srinu	MSc/CH/2017	Hyderabad
Mridupavan Sonowal	MSc/CH/2017	Tinsukia
Jyotsna Saini	MSc/CH/2017	Ahmedabad
Ayushi Tyagi	MSc/CH/2017	Ahmedabad
Umesh Kumar	MSc/CH/2017	Delhi
Mohammad Hassan	MSc/CH/2017	Bangalore
Shivansh Kaushik	MSc/CH/2018	Riverside
Sarla Yadav	MSc/CH/2018	Rewari
Sumeet Kataria	MSc/CH/2018	Delhi
Govind Kumar Sharma	MSc/CH/2018	Delhi
Rajvir Singh	MSc/CH/2018	Sirsa
Sachin Dev	MSc/CH/2018	Faridabad
Komal Bajaj	MSc/CH/2018	Delhi
Sachin Giri	MSc/CH/2018	Dallas
Rakesh Yadav	MSc/CH/2018	Bhiwani
Abhishek Saini	MSc/CH/2019	Rajasthan
Kriti Kapil	MSc/CH/2019	Pittsburgh
Ajay Kumar	MSc/CH/2019	Jharkhand
Tarun Kumar	MSc/CH/2019	Haryana
Tanya Hans	MSc/CH/2019	Delhi
Garima Bhutani	MSc/CH/2019	Hisar
Nikhil Sharma	MSc/CH/2019	Mathura
Ojasvi Verma	MSc/CH/2020	Houston
Tannu Kaushik	MSc/CH/2020	Hisar
Tannu	MSc/CH/2020	Mumbai
Rimjhim	MSc/CH/2020	Delhi
Pradeep Kumar Yadav	MSc/CH/2021	Uttar Pradesh
Mohit Kumar	MSc/CH/2021	Gandhinagar
Ananya Rana	MSc/CH/2021	Gandhinagar
Ravi Kanwant	MSc/CH/2021	Jhunjhunu
Mrityunjay Kumar Jha	MSc/CH/2021	Gandhinagar
Kunzang Dolkar	MSc/CH/2021	Jammu & Kashmir
Alok Kumar	MSc/CH/2021	Otari-Mura
Banwari Kumar Mandal	MSc/CH/2021	Gandhinagar
Dedaniya Hirenkumar Jitendrabhai	MSc/CH/2021	Gandhinagar
Sandeep Sharma	MSc/CH/2022	Bally Bally
Vikash Kumar	MSc/CH/2022	Jaipur
Sudama Kumar Mahto	MSc/CH/2022	Orai
Shweta Singh	MSc/CH/2022	Delhi
Amit Thakran	MSc/CH/2022	Jhunjhunu
Arti Vishwakarma	MSc/CH/2022	Daman
Keshav Chaudhary	MSc/CH/2022	Balasore
Goutam Patra	MSc/CH/2022	Mumbai
Nikki Mittal	MSc/CH/2022	Delhi
Aman Kumar	MSc/CH/2022	Sri Ganganagar
Samanaway Das	MSc/CH/2023	Gandhinagar
Nachiket Kishor Pradhan	MSc/CH/2023	Thane
Ashwani Sharma	MSc/CH/2023	Delhi
Khantil Prakashbhai Patel	MSc/CH/2023	Vastral
Priyash Verma	MSc/CH/2023	Lucknow
Namrata Goyal	MSc/CH/2023	Delhi
Nishank Chauhan	MSc/CH/2023	Gorakhpur
Palak	MSc/CH/2023	Gandhinagar
Nisha Singla	MSc/CH/2023	Delhi
Ashu	MSc/CH/2023	Delhi
Mukund Kumar Mishra	MSc/MA/2015	Patna
Nitesh Kumar	MSc/MA/2016	Haryana
Balu Ram	MSc/MA/2017	Degana
Parveen Kumar	MSc/MA/2017	Noida
Bharat Lal Meena	MSc/MA/2017	Dausa
Priyanka Rana	MSc/MA/2017	Delhi
Vikash Patel	MSc/MA/2017	Gondia
Charu Gupta	MSc/MA/2017	Delhi
Babita	MSc/MA/2017	Noida
Aritra Kumar Bhaduri	MSc/MA/2018	Pune
Amit Kumar	MSc/MA/2018	Delhi
Mahajan Samiksha Satish	MSc/MA/2018	Dombivli
Rahul Kumar Bansal	MSc/MA/2018	Alwar
Sajal Kumar	MSc/MA/2018	Jalaun
Deepak Singh	MSc/MA/2018	Ahmedabad
Deepika Parmar	MSc/MA/2018	Farrukhabad
Indrajit Narah	MSc/MA/2018	Dhemaji
Harshitha C	MSc/MA/2018	Tirupati
Sangeeta Chhabarwal	MSc/MA/2018	Chhoti Sikar
Rohit Srivastava	MSc/MA/2018	Uttar Pradesh
Rahul	MSc/MA/2018	Delhi
Monu	MSc/MA/2018	Gurgaon
Parul Punia	MSc/MA/2018	Delhi
Vinod Kumar	MSc/MA/2018	Bangalore
Siyaram Gurjar	MSc/MA/2018	Delhi
Archit Agarwal	MSc/MA/2018	Indore
Tikam Chand Soyal	MSc/MA/2018	Jaipur
Priyanka Shoora	MSc/MA/2018	Chandwa
Sudip Pandit	MSc/MA/2018	Gandhinagar
Shivani Huvor	MSc/MA/2018	Bagidora
Parab Amogh Vishram	MSc/MA/2019	Mumbai
Meghali Garg	MSc/MA/2019	Barnala
Dasharath Meena	MSc/MA/2019	Rajasthan
Sagarkumar Bharatbhai Gajera	MSc/MA/2019	Surat
Shrikant Shekhar	MSc/MA/2019	Bhopal
Pulkit	MSc/MA/2019	Amroha
Shadab Ali	MSc/MA/2019	Uttar pradesh
Saloni Gupta	MSc/MA/2019	Dausa
Ashish Shukla	MSc/MA/2019	Mumbai
Yogesh Kumar Gupta	MSc/MA/2020	Jaipur
Rahul Rohilla	MSc/MA/2020	Mumbai
Aashima Kaushal	MSc/MA/2020	Delhi
Tannu Kumari	MSc/MA/2020	Rewari
Ravi Mahala	MSc/MA/2020	Bangalore

Sneha Kumari	MSc/MA/2020	Patna
Shubham Kumar	MSc/MA/2020	Meerut
Surbhi Warkade	MSc/MA/2020	Bhopal
Surendra Choudhary	MSc/MA/2020	Ajmer
Bhavin Rasikbhai Joshi	MSc/MA/2020	Rajkot
Bhawani Shankar	MSc/MA/2020	Barmer
Anktit Sharma	MSc/MA/2021	Kalani Bagh
Rasika Ramakrishna	MSc/MA/2021	Gandhinagar
Bhunesh Nagar	MSc/MA/2021	Gandhinagar
Khusboo Agarwal	MSc/MA/2021	Gandhinagar
Raman Sharma	MSc/MA/2021	Gandhinagar
Chandni Thakkar	MSc/MA/2021	Gandhinagar
Tulsa Pujhari	MSc/MA/2021	Gandhinagar
Alka Baliyan	MSc/MA/2021	Gandhinagar
Goutam Barman	MSc/MA/2021	Gandhinagar
Abhijeet Duggani	MSc/MA/2021	Chandigarh
Mayank Nagar	MSc/MA/2021	Gandhinagar
Mohammad Naved	MSc/MA/2021	Gandhinagar
Milton Biswas	MSc/MA/2021	Gandhinagar
Akshya Kumar	MSc/MA/2021	Gandhinagar
Bhaskar Verma	MSc/MA/2021	Gandhinagar
Pawar Hrushikesh Vinod	MSc/MA/2022	Pune
Vikas Kumar Pandey	MSc/MA/2022	Patna
Gaurav Pal	MSc/MA/2022	Jhajjar
Siddharth Prakash	MSc/MA/2022	Gandhinagar
Suraj Kumar Ravidas	MSc/MA/2022	Gobindgarh
Abhishek Thakur	MSc/MA/2022	Sirsa
Lokesh Sharma	MSc/MA/2022	Farrukhabad
Charu Garg	MSc/MA/2022	Delhi
Pabitra Mandal	MSc/MA/2022	Roorkee
Maheshwari Dhiren Ramji	MSc/MA/2022	Kotputli
Sri Vishnu Priya B	MSc/MA/2022	Chennai
Deependra Dwivedi	MSc/MA/2022	Gurgaon
Vartika Mathur	MSc/MA/2022	Farrukhabad
Anita Yadav	MSc/MA/2022	Jaipur
Yash Rathore	MSc/MA/2022	Daltonganj
Jitendra Kumar	MSc/MA/2022	Pashchim Champaran
Dinesh Kumar Sharma	MSc/MA/2022	Sikar
Tushar Karmakar	MSc/MA/2023	Purulia
Swarnadeep Bagchi	MSc/MA/2023	Ottawa
Aniket Chandrakant Walekar	MSc/MA/2023	Lasalgaon
Raj Vinodbhai Chauhan	MSc/MA/2023	Ahmedabad
Saurav	MSc/MA/2023	Jind
Shuvo Roy	MSc/MA/2023	Howrah
Amgoth Srinivas	MSc/MA/2023	Hyderabad
Pritam Nanda	MSc/PH/2016	Kolkata
Leema Saikia	MSc/PH/2017	Delhi
Shyam Kumar	MSc/PH/2017	Delhi
Anirban Mandal	MSc/PH/2017	West Bengal
Shastri Rahul Kishorbhai	MSc/PH/2017	Valsad
Shubham Garg	MSc/PH/2018	Delhi
Kousik Loho	MSc/PH/2018	North Dinajpur
Prateek Chauhan	MSc/PH/2018	Latur
Anoop Singh	MSc/PH/2018	Gandhinagar
Sandeep Kumar Singh	MSc/PH/2018	East Champaran
Samten Bhutia	MSc/PH/2018	Gangtok
Daphisha Mary Nonghuloo	MSc/PH/2018	Shillong
Sanu Kumar Gangwar	MSc/PH/2018	Bareilly
Shivam Awasthi	MSc/PH/2018	Varanasi
Abhijit Jana	MSc/PH/2018	Alotau
Neha Patel	MSc/PH/2018	Khargone
Prashant Chouhan	MSc/PH/2018	Jodhpur
Ankit Phogat	MSc/PH/2019	Delhi
Sachin Kumar	MSc/PH/2019	Delhi
Rajes Ghosh	MSc/PH/2019	Gandhinagar
Praveen Kumar Gupta	MSc/PH/2019	Bareilly
Ashish Joseph	MSc/PH/2019	Delhi
Goutam M	MSc/PH/2019	Mumbai
Richa Dobal	MSc/PH/2019	Almora
Arvind Kumar	MSc/PH/2019	GB Nagar
Kapil Dev	MSc/PH/2019	Delhi
Kamal Kant Chandra	MSc/PH/2019	Ghaziabad
Sajjan	MSc/PH/2019	Delhi
Uday Singh	MSc/PH/2019	Trivandrum
Md Sahnawaz Alam	MSc/PH/2020	Uttar Dinajpur
Sarvdeep Sangwan	MSc/PH/2020	Charkhi Dadri
Siyaram Mina	MSc/PH/2020	Delhi
Nitish Goyal	MSc/PH/2020	Samana
Neeraj Kumar Meena	MSc/PH/2020	Karauli
Nividha	MSc/PH/2020	Lucknow
Aparna Rathi	MSc/PH/2020	Gandhinagar
Rachana Choudhary	MSc/PH/2020	Sikar
Zayid Ahmed	MSc/PH/2020	Poonch
Saroj Yadav	MSc/PH/2020	Mumbai
Jayesthi Mali	MSc/PH/2021	Mumbai
Asha Kumari	MSc/PH/2021	Har
Sanjoy Saha	MSc/PH/2021	Gandhinagar
Shraddha Mohnani	MSc/PH/2021	Gandhinagar
Shubham Malik	MSc/PH/2021	Pune
Rashmi Mehta	MSc/PH/2021	Haryana
Siddharth Kashyap	MSc/PH/2021	Gandhinagar
Neelabha Chatterjee	MSc/PH/2021	Gandhinagar
Shubham Rastogi	MSc/PH/2021	Pune
Tandulje Akshay Padmakar	MSc/PH/2021	Bangalore
Yogesh Kumar Yadav	MSc/PH/2021	Behror
Gajendra Saini	MSc/PH/2021	Gandhinagar
Priyanshu Sharma	MSc/PH/2021	Gandhinagar
Kaushal Meena	MSc/PH/2021	Gandhinagar
Neha Choudhary	MSc/PH/2021	Gandhinagar
Aakash	MSc/PH/2022	Delhi
Srinidhi Pawar	MSc/PH/2022	Bangalore
Akansha Verma	MSc/PH/2022	Sonipat
Priya Drashni	MSc/PH/2022	Etah
Niyati Bhupendra Shah	MSc/PH/2022	Vapi
Raj Kumar Garhwal	MSc/PH/2022	Sikar
Sachin Shukla	MSc/PH/2022	Ahmedabad
Pankaj Sharma	MSc/PH/2022	Bharatpur
Meenu S A	MSc/PH/2022	Thanesar
Juhi Singh	MSc/PH/2022	Jamnagar
Rupul Chandna	MSc/PH/2022	Delhi
Dhruvi Kiritkumar Patel	MSc/PH/2022	Ahmedabad
Vinay Kumar Rana	MSc/PH/2022	Dausa
Selim Sk	MSc/PH/2022	Rewari
Pintu Prajapat	MSc/PH/2022	Lachhmangarh
Khushwant Singh	MSc/PH/2022	Bharatpur
Nilachal Chakrabarti	MSc/PH/2023	Birbhum
Soham Acharya	MSc/PH/2023	Gandhinagar
Mousumi Mitra	MSc/PH/2023	Howrah
Nilabhra Adhikary	MSc/PH/2023	Nadia
Koustubh Guha	MSc/PH/2023	Murshidabad
Bhagchand Meena	MSc/PH/2023	Jaipur
Denish Narendrabhai Trivedi	MSc/PH/2023	Gandhinagar
Rishabh Kumar Singh	MSc/PH/2023	Varanasi

Surabhi Jagadeesh Menon	MSc/PH/2023	Trivandrum
Preetika Ghawri	MTech/BE/2018	Ahmedabad
Aditi Singhal	MTech/BE/2018	Tonk
Sitesh Kumar	MTech/BE/2018	Begusarai
Aishwarya Vijayakumar	MTech/BE/2018	Guwahati
Rahul Gupta	MTech/BE/2019	Delhi
Vaishali C	MTech/BE/2019	Pondicherry
Apeksha Srivastava	MTech/BE/2019	Gandhinagar
Camellia Chakraborty	MTech/BE/2019	Paris
Priyanka Prakash Srivastava	MTech/BE/2019	Delhi
Kaushik Bhowmik	MTech/BE/2019	Sepahijala
Arthi Hariharan	MTech/BE/2020	Chennai
Debarpan Ghosh	MTech/BE/2020	Kolkata
Rupsha Mukherjee	MTech/BE/2020	Surat
Pankaj Yadav	MTech/BE/2021	Jaipur
Aakriti Bansal	MTech/BE/2021	Delhi
Chandan Nandi	MTech/BE/2021	Kolkata
Ananya Sharma	MTech/BE/2021	Bangalore
Tanusree Halder	MTech/BE/2021	Bangalore
Shingane Somesh Nana	MTech/BE/2021	Bangalore
Kahkashan Bansal	MTech/BE/2021	Tohana
Hari S Nair	MTech/BE/2022	Naharlagun
Pavni Digant Pandya	MTech/CE/2014	Boisar
Kaustubh Jayant Udas	MTech/CE/2015	Pune
Silky Agrawal	MTech/CE/2015	Gandhinagar
Rujuta Avinash Bhat	MTech/CE/2015	Nagpur
Amar Mandhyan	MTech/CE/2015	Vadodara
Gundeep Kaur Sudan	MTech/CE/2015	Iowa
Deepak Kumar Samal	MTech/CE/2015	Delhi
S Smitha	MTech/CE/2015	Kozhikode
Mohmad Mohsin Thakur	MTech/CE/2016	Knoxville
Rangwani Kiran Prakashkumar	MTech/CE/2016	Christchurch
Shubham Soni	MTech/CE/2017	Indore
Kanika Gupta	MTech/CE/2017	West Lafayette
Botlapati Sri Sahith	MTech/CE/2017	Nellore
Kolli Mohan Krishna	MTech/CE/2017	Gandhinagar
Rojan Mathew	MTech/CE/2017	Trivandrum
Pariveeksha Joshi	MTech/CE/2017	Indore
Harsh Janakkumar Shah	MTech/CE/2018	Surat
Kaustubh Deshpande	MTech/CE/2018	Gwalior
Amjeth Basheer	MTech/CE/2018	Sharjah
Ashutosh Sonpal	MTech/CE/2018	Mumbai
Akshay Nandurkar	MTech/CE/2018	Amravati
Abhijith T K	MTech/CE/2018	Delhi
Rajdeep Ghosh	MTech/CE/2018	Kolkata
Kimti Manawa	MTech/CE/2019	Jammu
Bhagwana Ram	MTech/CE/2019	Rajasthan
Aparna Shrivastava	MTech/CE/2019	Gandhinagar
Rahul Upadhyay	MTech/CE/2019	Gandhinagar
Jatin Aren	MTech/CE/2019	Mumbai
Bhumika Sadhwani	MTech/CE/2019	Mughalsarai
Shailesh Garg	MTech/CE/2019	Karauli
Yash Goyal	MTech/CE/2020	Indore
Kunal Bhardwaj	MTech/CE/2020	Jaipur
Bala Harsha Srusti	MTech/CE/2020	Mahaboobnagar
Prerna Sarkar	MTech/CE/2020	Mumbai
Sukrit Sharma	MTech/CE/2020	Delhi
Mohit Lakhani	MTech/CE/2020	Mumbai
Gaurav Khandelwal	MTech/CE/2020	Jaipur
Avisina Charitej Reddy	MTech/CE/2020	Bangalore
Prajjwal Patidar	MTech/CE/2020	Delhi
Deepak Kumar	MTech/CE/2020	Jehanabad
Spandhana M Haridas	MTech/CE/2021	Thrissur
Salim Khan	MTech/CE/2021	Mumbai
Shivesh Shandilaya	MTech/CE/2021	Mumbai
Ved Prakash	MTech/CE/2021	Delhi
Sahil Wani	MTech/CE/2021	Chennai
Sujata Kulkarni	MTech/CE/2021	Delhi
Sudhanshu Dixit	MTech/CE/2021	Allahabad
Suvil Mahagaonkar	MTech/CE/2021	Mumbai
Ankush Jain	MTech/CE/2021	Mumbai
Himanshi Dewangan	MTech/CE/2021	Bilaspur
Vegad Urmin	MTech/CE/2021	Bijapur
Dip Mehta	MTech/CE/2021	Udaipur
Abhi Mittal	MTech/CE/2021	Bikaner
Md Nayim Siddiqui	MTech/CE/2022	Mumbai
Vimal Panara	MTech/CE/2022	Jamnagar
Ushma Garg	MTech/CE/2022	Pune
Dipesh Singh Chuphal	MTech/CE/2022	Kathgodam
Ekta	MTech/CE/2023	Rewari
Prakash Kumar	MTech/CE/2023	Madhubani
Hemant Gite	MTech/CL/2013	Mumbai
Jignesh Joshi	MTech/CL/2013	Valsad
Aparna Menon	MTech/CL/2014	Hyderabad
Patan Ameer Khan	MTech/CL/2014	Nagari
Upendra Kumar Shukla	MTech/CL/2014	Uttar Pradesh
Preeti Rathi	MTech/CL/2015	Kharagpur
Sarojini Tiwari	MTech/CL/2015	Naihaji
Rahul Patsariya	MTech/CL/2016	Jhansi
Mohd Umair Iqbal	MTech/CL/2016	Gandhinagar
Shreya Bunk	MTech/CL/2016	Bangalore
Chatte Amruta Bharat	MTech/CL/2016	Parbhani
Swasti Medha	MTech/CL/2016	Delhi
Rajput Vandana	MTech/CL/2016	Gandhinagar
Anubha Agrawal	MTech/CL/2017	Delhi
Arable Reshma Mallinath	MTech/CL/2017	Osmanabad
Mandale Snehal Dharmik Pramila	MTech/CL/2017	Toronto
Gawas Ramchandra Babali	MTech/CL/2018	Philadelphia
Sachin Verma	MTech/CL/2018	Barabanki
Rohit Saraswat	MTech/CL/2018	Agra
Kusum Panwar	MTech/CL/2018	Ahmedabad
Saikat Sen	MTech/CL/2018	Pune
Ravi Anand Singh	MTech/CL/2019	Patna
Khushwant Fatnani	MTech/CL/2019	Raipur
Sairam S	MTech/CL/2019	Chennai
Aaqib Khan	MTech/CL/2019	Gandhinagar
Vaibhav Trivedi	MTech/CL/2019	Farrukhabad
Ankur Mittal	MTech/CL/2019	Odisha
Manis Kumar Lenka	MTech/CL/2019	Delhi
Md Zafar Ahmed	MTech/CL/2020	Pune
Krushan M Patel	MTech/CL/2020	Noida
Ahteshamul Haq	MTech/CL/2020	Bangalore
Samyabrata Chatterjee	MTech/CL/2020	Kharagpur
Ayush Nema	MTech/CL/2020	Chennai
Md Nasre Alam	MTech/CL/2020	Dhamtari
Saketharam Narravula	MTech/CL/2021	Vadodara
Sojitra Kandarp Ashok	MTech/CL/2021	College Station
Chaitra Borkar	MTech/CL/2021	Delhi
Mayank Shrivastava	MTech/CL/2021	Gandhinagar
Pratyasha Bhardwaj	MTech/CL/2022	Solapur
Sujata Sinha	MTech/CS/2018	Montreal
Subisha V	MTech/CS/2019	Bangalore
Ashish Dwivedi	MTech/CS/2019	Bangalore
Sayak Chowdhury	MTech/CSE/2020	Bangalore

Neelay Jagdip Upadhyaya	MTech/CSE/2020	Mumbai
Souvik Roy	MTech/CSE/2020	Bangalore
Soumita Kundu	MTech/CSE/2020	Pune
Darshita Jain	MTech/CSE/2020	Pune
Vivek Srivastava	MTech/CSE/2020	Pune
Karan Kumar	MTech/CSE/2020	Ahmedabad
Roop Choudhuri	MTech/CSE/2020	Mumbai
Shaik Mahaboob Jani Basha	MTech/CSE/2021	Varanasi
Jatin Kumar	MTech/CSE/2021	Bangalore
Jaideep Singh Bankoti	MTech/CSE/2021	Bangalore
Utpal Podder	MTech/CSE/2021	Kanpur
Jenil Vagadiya	MTech/CSE/2021	Lanka
Prajwal Kumar	MTech/CSE/2021	Jamnagar
K S Ashin Shanly	MTech/CSE/2022	Thrissur
Sudip Das	MTech/CSE/2022	Gandhinagar
Athulkumar R	MTech/CSE/2022	Raipur
Chandresh Sharma	MTech/EE/2014	Delhi
Arun Gopalakrishnan Nair	MTech/EE/2014	Vadodara
Sreejith Raveendran	MTech/EE/2014	Palakkad
Rahul Anand Kaushik	MTech/EE/2014	Bangalore
Taruna Yadav	MTech/EE/2015	Houston
Bhoir Mandar Suresh Smita	MTech/EE/2015	Maharashtra
Anuradha	MTech/EE/2015	Samastipur
Manish Kumar Viswkarma	MTech/EE/2016	Mumbai
Kumar Gaurav	MTech/EE/2016	Chennai
Nikhil Singh	MTech/EE/2016	Alwar
Sunny Verma	MTech/EE/2016	Delhi
Pujari Omkar Abhay	MTech/EE/2016	Nagpur
Patel Megh Vasantkumar	MTech/EE/2016	V V Nagar
Puchalapalli Sambasivaiah	MTech/EE/2016	Delhi
Bhoomika Sonane	MTech/EE/2016	Delhi
Rahul Sadhwani	MTech/EE/2016	Jaipur
Rakesh Gundabathini	MTech/EE/2016	Chennai
Rachita Agrawal	MTech/EE/2016	Delhi
Kushwaha Amarkumar Ayodhyasingh	MTech/EE/2017	Vadodara
Patel Valay Paresh	MTech/EE/2017	South Plainfield
Neetesh Kumar Sharma	MTech/EE/2017	Bangalore
Sompura Jay Nileshbhai	MTech/EE/2017	Delhi
Harsh Oza	MTech/EE/2018	Porbandar
Smruty Sahu	MTech/EE/2018	Tonk
Chandra Sekhar Ravuri	MTech/EE/2018	Bangalore
Shubhanshu Gupta	MTech/EE/2018	Delhi
Ishant Anand	MTech/EE/2018	Haryana
Sohini Dhar	MTech/EE/2018	Bangalore
Vishwanath Hiremath	MTech/EE/2018	Haveri
Kumar Saurav	MTech/EE/2018	Mumbai
Vishal Kushwaha	MTech/EE/2018	Dehradun
Chakka Yaswanth Sai Kiran	MTech/EE/2018	Prakasam
Preethi S	MTech/EE/2019	Vadodara
Suruchi Sharma	MTech/EE/2019	Aligarh
Payal Vyankat Dahiwale	MTech/EE/2019	Mumbai
Joydeep Kumar Devnath	MTech/EE/2019	Guwahati
Vineetha Bodempudi	MTech/EE/2019	Hyderabad
Athira Haridas	MTech/EE/2019	Mumbai
Yadukrishnan M	MTech/EE/2019	Bangalore
Preeti Singh	MTech/EE/2019	Jhunjhunu
Sachinkumar Babubhai Suthar	MTech/EE/2019	Gandhinagar
Trisrota Deb	MTech/EE/2019	Jirania
Shubham Patil	MTech/EE/2020	Mumbai
Ashish Kumar	MTech/EE/2020	Chennai
Ajay Kumar Ucheniya	MTech/EE/2020	Jaipur
Jitesh Sah	MTech/EE/2020	Nainital
Roshni Agrawal	MTech/EE/2020	Surat
Kaushal Dadsena	MTech/EE/2020	Aligarh
Priyanjana Pal	MTech/EE/2020	Durg
Piyush Dewangan	MTech/EE/2020	Bangalore
Shubham Jain	MTech/EE/2020	Delhi
Ankita Nandi	MTech/EE/2020	Bangalore
Anandsingh Chauhan	MTech/EE/2020	Ahmedabad
Biplob Nath	MTech/EE/2020	Aligarh
Aabila Tharzeen	MTech/EE/2021	Dhaka
Kumar Bhanu Khandelwal	MTech/EE/2021	Hyderabad
Jainendra Jain	MTech/EE/2021	Dahod
Mansi Kuldip Shah	MTech/EE/2021	Bangalore
Ankit Verma	MTech/EE/2021	Bangalore
Pushpak Dhote	MTech/EE/2021	Bangalore
Prarabdh Raipurkar	MTech/EE/2021	Delhi
Karthik Kumar Gudiboina	MTech/EE/2021	Vadodara
Satish Kumar Singh	MTech/EE/2021	Bangalore
Bachu Varun Tej	MTech/EE/2021	Bangalore
Kuldeep Jajoria	MTech/EE/2021	Gandhinagar
Pandrangi Aditya	MTech/EE/2021	Kanpur
Naveen Puri	MTech/EE/2021	Nainital
Gunjal Shrihari Eknath	MTech/EE/2021	Delhi
Gajendra Rajput	MTech/EE/2021	Mumbai
Vivek Singh	MTech/EE/2021	Jaipur
Mayank Nautiyal	MTech/EE/2021	Gandhinagar
Purna Kukadiya	MTech/EE/2021	Kanpar
Anoop Kumar	MTech/EE/2021	Bangalore
Shivani Singhal	MTech/EE/2021	Saran
Pratik Sharma	MTech/EE/2021	Hyderabad
Sanjit Dutta	MTech/EE/2022	Pune
Animesh Sharma	MTech/EE/2022	Bhilai
Shivangi Singh	MTech/ESS/2018	Gandhinagar
Indra Mani Tripathi	MTech/ESS/2020	Gandhinagar
Akshay Rajeev	MTech/ESS/2021	Ithaca
Debashis Nath	MTech/ESS/2021	Majuli
Arindom Gogoi	MTech/ESS/2021	Hyderabad
Himanshu	MTech/ESS/2021	Golaghat
Makwana Gunjankumar Kalabhai	MTech/ESS/2022	Kolkata
Solanki Hiren Rajeshbhai	MTech/ESS/2022	Dehradun
Himanshu Sharma	MTech/ME/2014	Westmont
Manish Pillai	MTech/ME/2014	Bangalore
Neelesh Bhandari	MTech/ME/2014	Mumbai
Jhaveri Anshal Jayeshbhai	MTech/ME/2016	Surat
Sumit Subhash Singh	MTech/ME/2016	Bangalore
Rajanikant Atul Ghate	MTech/ME/2016	Pune
Shah Utsav Mineshbhai	MTech/ME/2016	Ahmedabad
Satya Shrivastav	MTech/ME/2016	Bahadurgarh
Vikas Sharma	MTech/ME/2016	Delhi
Tibin M Thomas	MTech/ME/2016	Chennai
Vishnu Kumar Gupta	MTech/ME/2016	Navi Mumbai
Gurnani Sagarkumar Vijaykumar	MTech/ME/2016	Bangalore
Mohit Garg	MTech/ME/2016	Chandigarh
Sawadiawala Chirag Yogeshkumar	MTech/ME/2016	Allahabad
Akhil Patnaik	MTech/ME/2017	Bangalore
Brijesh Kumar	MTech/ME/2017	Sultanpur
Chimane Pratik Tulsiram	MTech/ME/2017	Hyderabad
Ronit Dey	MTech/ME/2017	Bangalore
Ritam Chatterjee	MTech/ME/2017	Mumbai
Pragati Pradip Joshi	MTech/ME/2017	Mumbai

Divyaprakash	MTech/ME/2017	Delhi
Baishali Panda	MTech/ME/2017	Bhubaneshwar
Kamal Tewari	MTech/ME/2017	Nanital
Anashusen Saiyad	MTech/ME/2018	Anand
Nevilkumar Panchal	MTech/ME/2018	Vadodara
Ravinder Kumar Daroch	MTech/ME/2018	Hamirpur
Atul Sharma	MTech/ME/2018	Pune
Shubham Chouksey	MTech/ME/2018	Jabalpur
Nilkumar Mathur	MTech/ME/2018	Pune
Priyank Mehta	MTech/ME/2018	Dungarpur
Sagardeep Bhakta	MTech/ME/2019	Minneapolis
Dhanurdhar Ramswamy	MTech/ME/2019	Pune
Pinki Yadav	MTech/ME/2019	Delhi
Srikesh S Iyer	MTech/ME/2019	Hyderabad
Kishankumar Chauhan	MTech/ME/2019	Junagadh
Shubhankar Gurav	MTech/ME/2019	Pune
Deep Bakshi	MTech/ME/2019	Mumbai
Ashu Gupta	MTech/ME/2019	Delhi
Arun Cherkkil	MTech/ME/2019	Indore
Pratik Prajapati	MTech/ME/2019	Gandhinagar
Akash Unnikrishnan	MTech/ME/2019	Gandhinagar
Rishabh Mathur	MTech/ME/2020	Gandhinagar
Challa Sai Ajay Narendra	MTech/ME/2020	Kakinada
Arunav Choudhury	MTech/ME/2020	Mumbai
Dinesh Bauskar	MTech/ME/2020	Mumbai
Hemanth Krishnan R	MTech/ME/2020	Palakkad
Devki Verma	MTech/ME/2020	Pune
Jategaonkar Chinmay Shirish	MTech/ME/2021	Bhopal
Sarth Dubey	MTech/ME/2021	Surat
Dudyala Rahul Reddy	MTech/ME/2021	Kurnool
Vaibhavkumar Tandel	MTech/ME/2021	Kanpur
Paritosh Kavra	MTech/ME/2021	Sangamner
Utkarsh Srivastava	MTech/ME/2022	Delhi
Abishek Sarkar	MTech/ME/2022	Gandhinagar
Anshul Gour	MTech/ME/2022	Kozhikode
Rajnandan Borthakur	MTech/ME/2022	Gandhinagar
Akangsha Deka	MTech/ME/2022	Agartala
Gourab Chakraborty	MTech/ME/2023	Gandhinagar
Turpati Sunilkumar	MTech/ME/2023	Kolkata
Gourav Kumar	MTech/ MSE/2014	Raipur
Rohit Mishra	MTech/ MSE/2014	Delhi
Darshan Ajmera	MTech/ MSE/2015	Indore
Pragya Nandan Banjare	MTech/ MSE/2015	Pendrawan
Umang Bhupatrai Desai	MTech/ MSE/2016	Mumbai
Sarkar Aditya Anjan	MTech/ MSE/2016	Pune
Rishi Dhawan	MTech/ MSE/2018	Delhi
Vivek Chaitanya Peddiraju	MTech/ MSE/2018	Guntur
Bhoopendra Kumar	MTech/ MSE/2018	Bareilly
Ajay Singh	MTech/ MSE/2018	Mirzapur
Shashank Naik B S	MTech/ MSE/2018	Bangalore
Rana Singh	MTech/ MSE/2018	Delhi
Nitish Kumar	MTech/ MSE/2018	Delhi
Sarang Kulkarni	MTech/ MSE/2018	Pune
Param Singh	MTech/ MSE/2018	Gandhinagar
Ashish Yadav	MTech/ MSE/2019	Ahmedabad
Brajesh Singh	MTech/ MSE/2019	Gandhinagar
Mittireddi Ravi Teja	MTech/ MSE/2019	Srikakulam
Dhrutiman Dey	MTech/ MSE/2019	Guwahati
Pranav Trivedi	MTech/ MSE/2020	Gandhinagar
Sudha Gautam	MTech/ MSE/2020	Mumbai
Akshay Srivastava	MTech/ MSE/2020	Tokyo
Priya Tiwari	MTech/ MSE/2020	Mumbai
Ankit Jaiswal	MTech/ MSE/2020	Singapore
Srivastava Nishkarsh Rameshwarnath	MTech/ MSE/2020	Gujarat
Gaurav Jogi	MTech/ MSE/2021	Gandhinagar
Priya Suryakant Gadekar	MTech/ MSE/2021	Gandhinagar
Manisha Kesarwani	MTech/ MSE/2021	Gandhinagar
Ankita Shahi	MTech/ MSE/2021	Kashipur
Sameekshya Das	MTech/ MSE/2021	Gandhinagar
Akshay Kumar Soni	MTech/ MSE/2021	Guwahati
Bhadane Prathmesh Kiran Manisha	MTech/ MSE/2021	Gandhinagar
Charishma Gowripattapu	MTech/ MSE/2022	Gopalganj
Gente Anjani	MTech/ MSE/2022	Hyderabad
Abhijit Chhotray	MTech/ MSE/2022	Gandhinagar
Vaghela Vishal Ghanshyambhai	PGDIIT/CE/2020	Ahmedabad
Meghavi Ketan Jariwala	PGDIIT/CL/2023	Mumbai
Priodyuti Pradhan	PGDIIT/CS/2017	Indore
Susmita Mondal	PGDIIT/ CSE/2023	Kolkata
Piyush Kumar	PGDIIT/EE/2020	Delhi
Jitendra Prasad Agrawal	PGDIIT/EE/2020	Delhi
Prashant Jha	PGDIIT/EE/2020	Madhubani
Akashsingh Rajput	PGDIIT/ESS/2018	Ahmedabad
Ravi Patel	PGDIIT/ME/2016	Meerut
Arup Deka	PGDIIT/ME/2019	Guwahati
Bhaskar Shukla	PGDIIT/ME/2019	Bhopal
Shashi Prabhakar	PhD (PRL)/ PH/2015	Ahmedabad
Upendra Kumar Singh Kushwaha	PhD (PRL)/ PH/2016	Allahabad
Sanjay Kumar	PhD/BE/2020	Vastrapur
Indumathi Sathisaran	PhD/BE/2021	Bangalore
Sanghavi Hiral Manojkumar	PhD/BE/2021	Gandhinagar
Reepal Dinesh Shah	PhD/CE/2017	Mumbai
Seethalakshmi P	PhD/CE/2019	Calicut
Prabhat Kumar	PhD/CE/2021	Jhansi
Nasar Ahmad Khan	PhD/CE/2022	Gaya
Abhishek Pandey	PhD/CE/2022	Dhanbad
Ashwin Singh	PhD/CE/2022	Ranchi

Amar Deep Tiwari	PhD/CE/2022	East Lansing
Saboo Anirudh Satishkumar	PhD/CE/2023	Surat
Neeraj Kumar	PhD/CG/2014	Montreal
Sumitava Mukherjee	PhD/CG/2014	Ahmedabad
Krishnesh Shantilal Mehta	PhD/CG/2020	Ahmedabad
Murtuza Hadianawala	PhD/CH/2017	Bangalore
Praseetha Ek	PhD/CH/2019	Kannur
Deekshi Angira	PhD/CH/2020	Bangalore
Katla Jagadish Kumar	PhD/CH/2020	Hyderabad
Althaf Shaik	PhD/CH/2020	Baltimore
Bhanu Pratap Singh Gangwar	PhD/CH/2020	Bareli
Abhijeet Madhukar Sarkale	PhD/CH/2021	Vapi
Neha Manav	PhD/CH/2021	Delhi
Dahiwadkar Rahul Bandopant	PhD/CH/2023	Guwahati
Hariharan P	PhD/CL/2016	Coimbatore
Siddharth Vijay Kulkarni	PhD/CL/2017	Mumbai
Sanat Chandra Maiti	PhD/CL/2019	Bangalore
Asha Liza James	PhD/CL/2020	Kottayam
Deepa Dixit	PhD/CL/2020	Delhi
Komal Pandey	PhD/CL/2021	Dhanbad
Shital Arunbhai Amin	PhD/CL/2021	Ahmedabad
Murali Krishna Enduri	PhD/CS/2018	Guntur
Sudhakar Kumawat	PhD/CSE/2021	Suita, Japan
Indra Deep Mastan	PhD/CSE/2021	Jaipur
Supratim Shit	PhD/CSE/2021	Delhi
Rachit Chhaya	PhD/CSE/2022	Jalandhar
Pankaj Pandey	PhD/CSE/2023	Kingston
J Ram Prabhakar	PhD/EE/2016	Bangalore
Deepesh Kumar	PhD/EE/2018	Varanasi
Batchu Raja Sekhar	PhD/EE/2020	Hyderabad
Hardik Shyam Vyas	PhD/EE/2021	Gandhinagar
Bala Sai Kiran Patnam	PhD/EE/2021	Hyderabad
Chandan Kumar Jha	PhD/EE/2021	Gandhinagar
Balaganesh B	PhD/EE/2022	Rajapalayam
Kumari Neeraj Kaushal	PhD/EE/2023	Bangalore
Sonam	PhD/EH/2019	Dhanbad
Akarsh A	PhD/EH/2020	Pohang
Ramendra Sahoo	PhD/EH/2020	Hyderabad
Naman Deep Singh	PhD/EH/2021	Agra
Shantamoy Guha	PhD/EH/2021	Prague, Czech Republic
Harsh Raj	PhD/EH/2021	Goa
Ravi Kant Prasad	PhD/EH/2021	Ranchi
Harish	PhD/EH/2022	Rohtak
Rishitosh	PhD/EH/2023	Ahmedabad
Pooja Susan Thomas	PhD/HSS/2016	Ahmedabad
Payel Chattopadhyay Mukherjee	PhD/HSS/2016	Ahmedabad
Krupa Shah	PhD/HSS/2019	Pondicherry
Jahnu Bharadwaj	PhD/HSS/2020	Barpeta
Ankita R Shah	PhD/HSS/2022	Ahmedabad
Shivani Sharma	PhD/HSS/2023	Sambalpur
Gaurav Dwivedi	PhD/MA/2017	Uttar Pradesh
Ram Baran Verma	PhD/MA/2018	Mumbai
Ranjana Mehta	PhD/MA/2019	Uttarakhand
Rajat Gupta	PhD/MA/2022	Taiwan
Om Prakash	PhD/MA/2023	Mumbai
Rameshkumar M Bhoraniya	PhD/ME/2018	Ahmedabad
Pankaj	PhD/MSE/2018	Gandhinagar
Tvarit Ashokbhai Patel	PhD/MSE/2020	Surat
Mahesh Vp	PhD/MSE/2020	Trivandrum
Poonam Ratrey	PhD/MSE/2021	Ireland
Sheetal Rameshchandra Pandya	PhD/MSE/2022	Ahmedabad
Nilabh Dish	PhD/MSE/2022	Hyderabad
Yousuf Jamal	PhD/PH/2019	Ponda
Soumik Bandyopadhyay	PhD/PH/2020	Trento
Fairoos C	PhD/PH/2020	Pathiyarakkara
Amit Reza	PhD/PH/2021	Gandhinagar
Soumen Roy	PhD/PH/2021	Utrecht, Netherlands
Shefali Uttam	PhD/PH/2021	Delhi
Nidhi Tripathi	PhD/PH/2021	Mainz, Germany
Kaustav Chakraborty	PhD/PH/2021	Mumbai
Ranadeep Sarkar	PhD/PH/2021	Darjeeling
Ashish Narang	PhD/PH/2021	Saharanpur
Priyank Parashari	PhD/PH/2022	Badaun
Patil Satyajeet Jayvant	PhD/PH/2023	Darmstadt
Nithin V George	faculty	Gandhinagar
Anezka Cecile Sebek	faculty	Gandhinagar
Sudipta Basu	faculty	Gandhinagar
Nithin George	faculty	Gandhinagar
Himanshu Shekhar	faculty	Gandhinagar
Tejas Hortikar	staff	Gandhinagar
Komal Tarunkumar Sangtani	staff	Gandhinagar
Sujitkumar R Shah	staff	Gandhinagar
Rajendra Vaishnav	staff	Gandhinagar
Jitendra Pukhraj Pawar	staff	Gandhinagar
Kalyani Patrikar	staff	Gandhinagar
Shikha Rai	staff	Gandhinagar
Manjari Sharma	staff	Gandhinagar
Sangeet Dhiman	staff	Gandhinagar
Jay Khemchandani	staff	Ahmedabad
Sushmit Bagchi	staff	Gandhinagar
Anupama Pradeepan	staff	Gandhinagar
Nirav Bhatt	staff	Gandhinagar
Tej Bahadur Gurung	staff	Gandhinagar
Akshay Kumar Mehta	student	Allahabad
Geethanjali S D	student	Gandhinagar
Subhankar Raha	student	Gandhinagar
Darshan Dilipkumar Pandya	student	Gandhinagar
Sohini Khan	student	Gandhinagar
Jaydeep Kanungo	student	Gandhinagar
Mohit Prakashbhai Kanada	well-wisher	Gandhinagar
Varun Garg	well-wisher	Gandhinagar
Sushil Shah	well-wisher	Gandhinagar
Sunil Bhai Manjeri	well-wisher	Ahmedabad
Priyanka Tenan	well-wisher	Hanumangarh
Rashtra Gaurav	well-wisher	Gandhinagar
Pavan Patel	well-wisher	Gandhinagar
Shubham Verma	well-wisher	Navsari
Kaumudi Sahasrabudhe	well-wisher	Gandhinagar
Sangeeta Yadav	well-wisher	Delhi
Divyaraj Nakum	well-wisher	Gandhinagar
Ravi Shanker Bunker	well-wisher	Patna
Hema Nahta	well-wisher	Gandhinagar
Kartik Veer	well-wisher	Gandhinagar
Narayan Shashikant Mehta	well-wisher	Gandhinagar
Kishan Kushavaha	well-wisher	Gandhinagar
Varun Pandey	well-wisher	Gandhinagar
Utpal K Bhattacharya	well-wisher	Indore
Jayesh Solanki	well-wisher	Gandhinagar
Guntas Singh Saran	well-wisher	Gandhinagar

PEOPLE

DISTINGUISHED HONORARY PROFESSOR

PROF SURENDRA PRASAD

Prof Surendra Prasad served IIT Delhi for over four decades in several academic and administrative capacities including the post of the director. He received the Vikram Sarabhai Research Award in electronics and telecommunications (1987), the Shanti Swarup Bhatnagar Prize for engineering sciences (1988), the Om Prakash Bhasin Prize for research in electronics and communications (1994), the VASVIK Award for information technology (2006), the Lifetime Achievement Award of the Systems Society of India (2011), the Distinguished Alumnus Award of IIT Kharagpur. He was also honored with an honorary doctorate by Loughborough University, UK in 2007. He is a fellow of the Indian National Academy of Engineering, the Indian National Science Academy, the Indian Academy of Sciences and the National Academy of Science and has been a member of the governing body of CSIR and CSIR Society, Government of India and boards of many IITs, NITs and other engineering institutes.

PROF NITISH THAKOR

Prof Nitish Thakor is a professor of biomedical engineering, electrical and computer engineering, and neurology at Johns Hopkins University, and leads the Laboratory for Neuroengineering. He is also the director of the Singapore Institute for Neurotechnology at the National University of Singapore. He obtained his undergraduate degree from IIT Bombay in 1974 and a PhD from the University of Wisconsin, Madison in 1981. Prof Thakor is the recipient of the Centennial Medal from the School of Engineering, University of Wisconsin (2008), Honorary Membership from Alpha Eta Mu Beta Biomedical Engineering student Honor Society. He received the award of Technical Excellence in Neuroengineering from IEEE Engineering in Medicine and Biology Society and the Distinguished Alumnus Award in 2012 from IIT Bombay and the Centennial Medal from the University of Wisconsin, Madison School of Engineering in 2012.

DR A S KIRAN KUMAR

Dr A S Kiran Kumar is the chairman, Space Commission since 2015. Besides, he holds the offices of secretary, Department of Space and chairman, Indian Space Research Organisation. Dr Kumar obtained an honours degree in physics from National College, Bangalore in 1971, an MSc degree (electronics) from Bangalore University in 1973 and an MTech in physical engineering with distinction from Indian Institute of Science, Bangalore in 1975. In recognition of his contributions, he was conferred Padma Shri award by the President of India in 2014. He has contributed to the design and development of more than 50 electro-optical imaging sensors flown on space-borne platforms starting from Bhaskara TV payload in 1979 to the payloads onboard the Mars Orbiter Mission in 2013.

PROF SHEKHAR C MANDE

Prof Shekhar Mande is an honorary distinguished faculty of National Centre for Cell Science Complex and former director general of the Council of Scientific and Industrial Research (CSIR). Prof Mande received his MSc in physics from the University of Nagpur in 1984 and PhD in molecular biophysics, from IISc Bangalore in 1991. Following his PhD, he worked as a postdoctoral researcher at Rijksuniversiteit Groningen in the Netherlands. He is currently distinguished professor at the Bioinformatics Centre, Savitribai Phule Pune University, the position which is generously funded by Dr Anand Deshpande. He is an elected fellow of all three Science academies namely, the National Science Academy of India, Allahabad; the Indian Academy of Sciences, Bangalore and the Indian National Science Academy, New Delhi. He has been recognized by many awards, the most notable one being the Shanti Swarup Bhatnagar Prize for biological sciences in 2005. He served as the director general of CSIR and secretary of DSIR, Govt of India during October 2018- April 2022.

SCHOLAR-IN-RESIDENCE

DR MARIA JOAO AMANTE

Dr Maria João Amante, PhD is the director of Portuguese Parliament Library (Portugal) since July 2022. From Sep 2020 to July 2022, she served as the director of Braga Public Library (Portugal). From 2004 to 2019, she served as the Library Director at ISCTE- Instituto Universitário de Lisboa (Portugal). Since 2017, she has also been collaborating with the IITGN writing studio and IITGN Library. She is a member of several professional associations and author of several articles and book chapters on topics such as information literacy, research information management, citizen science, open access, faculty/librarian relationships, competences development, and scientific writing. She has participated in several scientific committees too.

PROF KAMIAR AMINIAN

Prof Kamiar Aminian did his MS and PhD from EPFL, Switzerland, His research interest are sensors and instrumentation, ambulatory monitoring, gait analysis, physical activity monitoring, balance assessment, sport and rehabilitation, arthroplasty, outcome, fall risk in the elderly, quality of life, parkinson. He is currently a professor with the Institute of Bioengineering and the director of the Laboratory of Movement Analysis and Measurement at EPFL. He has authored and co-authored over 600 scientific papers published in reviewed journals, and presented at international conferences and holds 12 patents related to medical devices.

DR GABOR RIBARIK

Dr Gabor Ribarik did his PhD in physics (summa cum laude) from Eötvös University, Budapest, Hungary in 2009. He has been an assistant professor at Eötvös University, Department of Materials Physics, Budapest, Hungary, since 2016. His research interests include FFT-based modeling, X-ray line profile analysis, Microstructure modeling, 2039, and Artificial Intelligence Algorithms.

DR SHUNGO KAWANISHI

Dr Shungo Kawanishi is the vice president for international relations and the director of Global Communication Center of Japan Advanced Institute of Science and Technology (JAIST), a national postgraduate university in Japan. He received his bachelor's degree from Keio University in Japan (1977), master's and doctoral degrees from University of Georgia (1980, 1995). He graduated from all the schools as an honored student. While in Hawaii, he received the Best Practice in International Education Award from ACIIE for his global education approach. Prof Kawanishi has been associated with IITGN as a Scholar in Residence since 2015 and teaches an intensive course on Japan Studies every summer.

DR PAULO ROBERTO SCALCO

Dr Paulo Roberto Scalco is a professor of Economics at Federal University of Goiás who received his PhD in applied economics from UGF. His area of interest is applied economics, with emphasis on industrial organization, quantitative methods and public policy assessment. His current line of research is identifying and measuring market power in Brazilian agribusiness, and is interested in other areas such as: industrial economy (imperfect markets, market structures, market power, efficiency and productivity), commercialization (training and price transmission, market integration, transaction costs), economics of crime (determinants of crime, combating crime, legalization of drug use and public policies) and evaluation of public policies, in general.

PROF NUNO GUIMARAES

Prof Guimarães is a full professor (Professor Catedrático) at ISCTEIUL. He graduated in electrotechnical engineering at the Technical University of Lisbon, Instituto Superior Técnico, Portugal, in 1983, where

he also completed his MSc (1987) and PhD (1992). He received the title of Agregado em Informática in July 1999, from the University of Lisbon. From 1986 to 1997, he taught at the Electrotechnical and Computer Engineering Department of IST/UTL, and from 1997 to 2012 at the Informatics Department of the Faculty of Sciences, University of Lisbon.

DR ANDRE DROXLER

Dr André W Droxler, PhD., until his recent retirement in July 2020, was a professor, currently Emeritus professor, in the Department of Earth, Environmental and Planetary Sciences at Rice University. His research has focused on studying the morphology of and the sediments accumulating on slopes and basin floors surrounding coral reefs and carbonate platforms. Over the past 40 years, he has conducted research programs in the Bahamas, offshore Jamaica, along the Belize margin, in the western Gulf of Mexico, in the Maldives (Indian Ocean), along the Australian Great Barrier Reef and in the Gulf of Papua (Papua New Guinea).

DR KASTHURI VENKATESWARAN

Dr Kasthuri Venkateswaran received a PhD in marine microbiology from Annamalai University, India in 1981 and was conferred a doctorate in agriculture from Hiroshima University, Japan in 1990. At present, Dr Venkat is a senior research scientist at NASA – Jet Propulsion Laboratory and supports Biotechnology and Planetary Protection Group. He has spent over 40 years in research in the field of marine, food, and environmental microbiology. He has applied his research in molecular microbial analysis to better understand the ecological aspects of microorganisms.

DR SATHYANARAYANAN MUNDAYOOR

Dr Sathyanarayanan Mundayoor did his BSc and MA in linguistics from Bombay University, post-MA diploma in adult & continuing education from Delhi University, PG diploma in journalism from Bhavans, Mumbai. He is the coordinator at Lohit Youth Library Network, Tezu, Arunachal Pradesh. His research interests include school education, reading skills, non-formal education in rural and tribal communities, and the production of reading material in marginalised North-East languages, history of aviation in independent India with respect to North-East regions.

DR GIACINTO BARRESI

Dr Giacinto Barresi (PhD in robotics, cognition and interaction technologies, University of Genoa; BSc-MSc in experimental psychology and cognitive neuroscience, University of

Padua) is a researcher in neuroergonomics for human-centered design of robotic and digital systems at Rehab Technologies Lab. research line of Istituto Italiano di Tecnologia (IIT) and joint laboratory of IIT and the Italian National Institute for Insurance against Accidents at Work (INAIL). Dr Barresi is the coordinator of ENACT, a project supported by the Italian Multiple Sclerosis Foundation (FISM) in synergy with RAISE, the innovation ecosystem in Liguria region, supported by the Italian National Recovery and Resilience Plan (PNRR). He also leads the educational initiative GameAbility.

MR SARNATH BANERJEE (ARTIST-IN-RESIDENCE)

Mr Sarnath Banerjee did BSc (Hons) in biochemistry from University of Delhi and MA in Image and Communication from Goldsmiths College, University of London. Mr Banerjee has written five graphic novels (published by Penguin and Harper Collins) and is currently writing his sixth, supported by a stipendium from the Berlin Senate. His first novel, *Corridor* (2004), published by Penguin Books, India, was commissioned as a part of a fellowship awarded by the MacArthur Foundation, Chicago and marketed as India's first graphic novel.

MR DON CHACKO PALATHARA (ARTIST-IN-RESIDENCE)

Mr Don Palathara did BSc in Physics from St Berchman's College, Mahatma Gandhi University, Kottayam, Masters in Information Technology from University of Tasmania, Hobart and Diploma in Direction, Screenwriting and Production from International Film School, Sydney. Mr Palathara is a film director, screenwriter, and documentary filmmaker from Kerala. Known for working on small budgets, his films are expositions of local Kerala culture and study of human nature. Palathara's films have gained accolades at several international film festivals, including Moscow International Film Festival, International Film Festival Rotterdam and International Film Festival of Kerala.

GUEST PROFESSORS

DR SHARMILA MANDE

Dr Sharmila Mande holds a PhD in physics from IISc Bangalore. Her research interests revolve around systems biology and algorithm development for analysing large-scale biological data and applying the same to understand human health. The major focus of her work is on understanding the role of the human microbiome in diseases and disorders. She has a number of patented algorithms that address challenges faced by researchers in analysing large-scale biological data. She is a recipient of the TCS Distinguished Scientist Award.

PROF RAVI BANAVAR

Prof Ravi Banavar is a professor in the Systems and Control Engineering group at IIT Bombay, a unique interdisciplinary group in the country exclusively offering graduate education (masters and doctoral program) in the field. His research interests are in the area of geometric mechanics, nonlinear and optimal control, locomotion with applications in aerospace, mechanical and microrobotics. He received his BTech from IIT Madras, MS from Clemson University and a PhD from the University of Texas, Austin. After a short stint as an instructor at the University of California, Los Angeles, he joined the Systems and Control group in IIT Bombay in 1993.

DR RAGHAVASIMHAN THIRUNARAYANAN

Dr Raghavasimhan Thirunarayanan completed his MS and PhD in electrical engineering from EPFL, Lausanne, Switzerland. Currently he works as a senior analog / RF design engineer in 3dB Technologies, Zurich where he is involved in system and chip design for next-generation keyless access. He also works on Indian mathematics, exploring ancient mathematical techniques and their applicability to modern mathematics.

DR NITIN JONATHAN MYERS

Dr Nitin Jonathan Myers is an assistant professor in the Delft Center for Systems and Control, TU Delft. His research interests lie in robust signal processing and data-driven optimization, with applications to communications and sensing. Dr Myers received his PhD in ECE from the University of Texas at Austin in 2020 and obtained a dual degree (BTech & MTech) in electrical engineering from IIT Madras in 2016. Before joining TU Delft, he worked as a senior engineer in the 5G Modem R&D team of Samsung Semiconductor Inc., San Diego and Samsung Research Institute-Bangalore in their Advanced Technology Labs.

PROF FREDERICK COOLIDGE

Prof Coolidge is professor of psychology at the University of Colorado, Colorado Springs (UCCS). Prof Coolidge received his BA, MA, and PhD from the University of Florida (UF) and completed a two-year postdoctoral fellowship in clinical neuropsychology at UF. He is currently co-director of undergraduate education in psychology, and the co-director of the Center for Cognitive Archaeology. He has received three teaching awards including the lifetime designation, University of Colorado Presidential Teaching Scholar. He also received the UCCS LAS Annual

Outstanding Research and Creative Works Award (2004), and the UCCS Annual Faculty Award for Excellence in Research (2006).

DR SUBIR VARMA

Dr Subir Varma is a founder of General Cognitics, an Alternative Investment Management Firm, where he is responsible for Algorithm Design and Trading Strategies development and also manages the company's strategy on a day-to-day basis. He also serves as an adjunct professor at the Leavey School of Business at Santa Clara University. He holds more than 50 US patents, and has authored books on deep learning and internet congestion control. He has over twenty five years of experience in the technology industry, during which he has held leadership positions for large companies as well as several Silicon Valley based Start-Ups. Dr Verma holds a PhD and MS in electrical engineering from the University of Maryland at College Park and a BTech from the Indian Institute of Technology Kanpur.

DR RAMAKRISHNA SONDE

Dr Ramakrishna R Sonde is currently working with Thermax Limited as chief technology officer and executive vice president – research, technology & innovation. The areas of his research interests include solar energy systems, particularly solar thermal energy systems including optics, structural design, coatings, absorber design and controls system design. Research interests also include the development of high efficiency power conversion devices for low grade energy. Dr Sonde is a Fellow of Indian National Academy of Engineering. He is on the board of National Board of Accreditation and is a visiting professor at the Indian Institute of Chemical Technology. He was awarded the Dr Homi Bhabha Gold Medal by the Prime Minister in 2006, for his outstanding contributions in the field of nuclear energy.

DR R S BISHT

Dr R S Bisht, joint director general (retd), Archaeological Survey of India, has more than 35 years of experience in archaeological research, conservation and environmental development of national monuments and administration. He has also been associated with the Department of Archaeology and Museum, Haryana; and Department of Archaeology and Museum, Punjab. He is the recipient of the Padma Shri and Acharya Narendra Dev Alankar in 2013.

DR BIRANCHINATH SAHU

Dr Biranchinath Sahu is a founder and director, Green Watt Semiconductor Private Limited. He has experience in transformational and Impact Oriented Leadership: Engineering to Business, circuits to systems & products - start-ups and corporate world, and 22 years of global experience in semiconductor (SoC and PMIC, catalog analog/mixed signal and power chips) and end-to-end semiconductor supply chain ecosystem. He has leadership experience in multi-cultural and global collaborative ecosystems: US, India, China, Japan, Europe, and South-East Asia.

PROF P SAINATH

Prof P Sainath did his BA from Jawaharlal Nehru University, New Delhi, MA from Loyola College, Madras, and an honorary PhD from the University of Alberta at Edmonton, Canada. He is working as an adjunct professor at the Asian College of Journalism, Chennai. He has won over 40 global and national awards for his reporting (and turned down several, including the Padma Bhushan).

PROF LAXMIKANT V KALE

Prof Laxmikant Kale completed his ME from IISc, Bangalore, and his MS and PhD from SUNY at Stony Brook. His research interests include: architecture, compilers, and parallel computing, and scientific computing. He is currently a professor at the University of Illinois at Urbana-Champaign. He has authored or co-authored over 150 scientific papers published in reviewed journals, and presented at various international conferences, and has contributed to eight software packages developed and distributed via the web.

PROF PARTHASARATHI MUKHOPADHYAY

Prof Parthasarathi Mukhopadhyay completed his MSc and MTech from the University of Calcutta and his PhD from the Indian Institute of Tropical Meteorology (IITM) University of Pune. His research interests include: numerical weather prediction, development of parameterisation particularly the cloud and convective process in numerical model development of high-resolution models, predicting extreme precipitation events, and modelling mesoscale systems/processes. A scientist with over two decades of research experience, Prof Mukhopadhyay's work has had major contributions in the development of the Super-Parameterized Coupled Forecast System (SP-CFS) model and the development of a new version of CFSv2, and he has made key offerings to numerous programs under the Ministry of Earth Sciences.

PROF A V ANILKUMAR

Prof Anilkumar Amurtur is an aerospace engineer on the faculty at Vanderbilt University. He has been a NASA investigator of microgravity fluid flow phenomena on space shuttle flights and on the International Space Station. His research focus includes experimental fluid dynamics, rocket propulsion, drop and bubble dynamics, bio-encapsulation; energy conversion, wind, thermoelectrics, biodiesel; materials processing: float zones, directional solidification.

MR V ASHOK

Ambassador V Ashok received a BTech in civil engineering from IIT Delhi in 1981. After serving in the Indian Foreign Service for more than 34 years in various positions, he retired in Oct 2018 as the consul general of India, San Francisco, with the rank of secretary to the Government of India. He has held diplomatic assignments in Indian Missions in Hong Kong, Malaysia, China, Austria, and Sri Lanka apart from postings at the Ministry of External Affairs in New Delhi. He was accredited as India's ambassador to the Republic of Zimbabwe in 2007 and to the Czech Republic in 2011.

DR NIKHIL BALRAM

Dr Nikhil Balram is the CEO of EyeWay Vision Inc (EVI), a San Jose Based company in California, USA. Prior to joining EyeWay, Dr Balram was leading display R&D for all Google hardware products (including AR/VR). An experienced technology executive, Dr Balram's previous positions include CEO at Ricoh Innovations, VP & GM at Marvell, and CTO of National Semiconductor's Display Group. He has won numerous awards including a 2012 Gold Stevie Award for Executive of the year in the electronics category in the 9th Annual International Business Awards, a 2012 Fellow Award by the Society for Information Display (SID) and the 2011 Alumni Achievement Award by Carnegie Mellon University.

MR HARSH BHARGAVA

Mr Harsh Bhargava is the former president of Bankworld Inc, a prominent Washington DC based management consulting company, with experience in over 75 countries including leadership of projects on competitiveness strengthening in the emerging markets, entrepreneurship development programs for micro, small and medium enterprises (MSMEs). He received an MBA from the Harvard Business School in 1977. He has written extensively on entrepreneurship as a career option for youth, and created training manuals and books on financial literacy and entrepreneurship. He is also the chief mentor of Competitiveness Mindset Initiative, an entity set up at IITGN.

PROF RAJENDRA BORDIA

Prof Rejendra Bordia is the George J Bishop, III Endowed Chair professor of Ceramics and Materials Engineering. He is also a guest professor in

the discipline of Materials Engineering in IIT Gandhinagar. He has served as the chair of the Materials Science and Engineering Department at Clemson University (2013-2019). Before joining Clemson in 2013, he was a faculty member in the Materials Science and Engineering Department at the University of Washington (UW). From 1998 to 2005, he was the chairman of his department at UW.

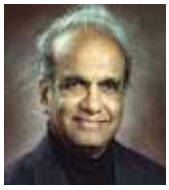
PROF R P CHHABRA

Prof R P Chhabra completed his BE in chemical engineering from the University of Roorkee, ME from IISc Bangalore and PhD from Monash University, Australia. He has been associated with IIT Kanpur; University of New South Wales, Sydney; University College of Swansea; Monash University, Clayton; and University of Sydney. Prof Chhabra was the recipient of the Herdillia Award of the Indian Institute of Chemical Engineers for Excellence in Basic Research in Chemical Engineering and the Amar Dye-Chem Award of the Indian Institute of Chemical Engineers for Excellence in Research and Development.

DR PRAVINRAY D GANDHI

Dr Pravinray D Gandhi is currently corporate fellow, retail and industry R&D at the Underwriter's Laboratory (UL), USA. He received his BTech from IIT Delhi and PhD from the University of Notre Dame. His focus is on quantifying fire risks and hazards and has been involved in developing new test methods and standards. He is currently working with the fire safety community and universities to improve fire science education.

PROF RAMESH GAONKAR



Prof Ramesh Gaonkar is a guest professor in the Discipline of Electrical Engineering at IITGN. He obtained an interdisciplinary PhD degree in instructional technology and electrical engineering from Syracuse University, Syracuse, New York. He has received numerous awards for his teaching and scholarly activities, including the American Society for Engineering Education (ASEE) Outstanding Teacher Award, St Lawrence Section (1984) the SUNY Chancellor's Award for Creative and Scholarly Activities (2003), the CNY Technology - Outstanding Teacher Award (2003), and the OCC Board of Trustees Award for Outstanding Contributions (1982, 1989 and 2007).

DR RAJEN JASWA

Dr Rajen Jaswa is an accomplished serial technology entrepreneur. His most recent role was that of CEO and chairman of Dyyno from 2009-2012. From 2003-2008, he volunteered full-time for TiE Silicon Valley, serving as president from 2005-2008 and as a director from 2003-2004. Dr Jaswa was the co-founder, chairman and CEO of Selectica from 1996-2002.

PROF DURGESH C RAI

Prof Durgesh Rai is a professor in the Department of Civil Engineering at the IIT Kanpur. Prior to joining IIT Kanpur, he was a research fellow at the University of Michigan (1996-1997), and on the faculty of the Department of Earthquake Engineering at IIT Roorkee (1997-2001). His research interests are in the design and behaviour of structures under earthquake loads, experimental investigations, supplemental damping, seismic rehabilitation, masonry structures and seismic design codes. He has published over 150 peer-reviewed papers in journals and conferences in the area of structural and earthquake engineering. He received the 2021 *John B. Scalzi Research Award* from The Masonry Society, USA for an outstanding, lifetime contribution to masonry research.

PROF MYTHILY RAMASWAMY

Prof Mythily Ramaswamy is a professor in the TIFR Centre for Applicable Mathematics, Bengaluru. She received the Fulbright-Nehru Academic and Professional Excellence Fellowship, 2016-17. She was awarded the Kalpana Chawla Award for women scientists in 2004. She is a Fellow of the Indian Academy of Sciences, Bangalore, the National Academy of Sciences, Allahabad, and serves on the Editorial Board of the Journal of Ramanujan Mathematical Society, Proceedings of Indian Academy of Sciences Mathematical Sciences and Boundary Value Problems.

PROF SRINIVAS REDDY

Dr Srinivas Reddy did BA in south asian studies from Brown University. He holds an MA and a PhD in south and southeast asian studies from the University of California, Berkeley. Prof Reddy is a scholar, translator and musician. He studied classical south Asian languages and literatures (Sanskrit, Tamil and Telugu) at UC Berkeley, and learned music from his guru and mentor Shri Partha Chatterjee, a direct disciple of the late sitar maestro Pandit Nikhil Banerjee. Prof Reddy is a guest professor of South and Southeast Asian Studies at IIT Gandhinagar and visiting assistant professor of Religious Studies and Contemplative Studies at Brown University. Prof Reddy is a noted author. Through Penguin books, he has released two translations of *Kalidasa: The Dancer and the King (Malavikagnimitram) and The Cloud Message (Meghadutam)*. His most recent work is *Raya: Krishnadevaraya of Vijayanagara* (Juggernaut 2020), a critical biography of Krishnadevaraya of Vijayanagara.

PROF DHEERAJ SANGHI

Prof Dheeraj Sanghi is currently vice chancellor of J K Lakshmipat University, Jaipur. Prof Sanghi has been a professor of computer science and engineering at IIT Kanpur. During his association of more than 27 years with IIT Kanpur he has held various leadership positions. He has also maintained various leadership positions such as director, LNMIIT, Jaipur; dean of academic affairs & dean of external relations at IIIT Delhi and director of Punjab Engineering College. Prof Sanghi has a BTech from IIT Kanpur, and MS and PhD from the University of Maryland.

PROF SHYAM SUNDER

Prof Shyam Sunder received his engineering education at IIT Kharagpur and Indian Railways Institute of Mechanical & Electrical Engineering at Jamalpur, and his MS and PhD in Industrial Administration from Carnegie Mellon University. He is the James L Frank Professor Emeritus of Accounting, Economics, and Finance at the Yale School of Management and Professor in the Department of Economics, having earlier served on faculties of the University of Chicago, Carnegie Mellon and California Institute of Technology. Prof Sunder has won many awards for his research that includes ten books and more than 236 articles in the leading journals of accounting, economics and finance, as well as in popular media. Prof Sunder's current research includes the problem of structuring US and international accounting and auditing institutions to obtain a judicious and efficient balance between regulatory oversight and market competition.

DR MAHESH TANDON

Dr Mahesh Tandon is an international expert in structural engineering and is the managing director of Tandon Consultants Pvt Ltd. He has served as the president, Indian Association of Structural Engineers (2015-16) and president, Indian Society of Wind Engineering (2015-16). He is a Fellow of Indian National Academy of Engineering (INAE), the former chairman of the National Information Center for Earthquake Engineering at IIT Kanpur and the former president of Indian Concrete Institute.

MR M VENKATARAMAN

Mr M Venkataraman is the immediate past president of the Indian Chapter of International Geosynthetics Society. He obtained a BTech in civil engineering and MTech in soil mechanics and foundation from IIT Madras in 1971. From 1971-1980, he worked in quasi-government organisations to design, execute infrastructure projects. He retired as AVP from Garware in 2005. He has been working as a freelance geotechnical and geosynthetics consultant from 2013 onwards. Mr Venkataraman has written and published more than 50 technical papers in various geotechnical journals.

PROF P P JOGLEKAR

Prof Joglekar is the former professor at the Department of AIHC and Archaeology at Deccan College, Pune. Prof Joglekar has over 25 years of experience of teaching. He holds BSc and MSc in zoology, MPhil in statistics, MA in indology; and PhD in archaeology. His research interests revolve around: history of science and technology, archaeological science, humans, plants and animal interactions in the past, biomolecular archaeology, and science and society.

PROF AUROOP R GANGULY

Prof Auroop R Ganguly is a College of Engineering Distinguished Professor at Northeastern University in Boston, MA, where he directs the Sustainability and Data Sciences Laboratory and the AI for Climate and Sustainability (AI4CaS) focus area within the Institute for Experiential AI. His research intersects weather and hydrologic extremes under climate change, lifeline infrastructures resilience under compound extremes, as well as machine learning and nonlinear physics. Prof Ganguly is a Fellow of the American Society of Civil Engineers, a senior member of the Association for Computing Machinery as well as a senior member of the Institute of Electrical and Electronics Engineers, and obtained a PhD from the Massachusetts Institute of Technology.

DR JIMMY THOMAS

Dr Jimmy Thomas is a consulting engineer specialising in geotechnical engineering, geosynthetics, reinforced soil structures and pavement engineering. He graduated in civil engineering from Regional Engineering College Calicut (1986), obtained an MTech in Geotechnical Engineering from College of Engineering Trivandrum (1988) and PhD in Geotechnical Engineering from IIT Kanpur (1997). During his stints with companies such as Netlon India, Gaware-Wall Ropes Ltd and Techfab India Industries Ltd, he worked on a large number of projects in various fields such as roads, railways, landfills, erosion control, reinforced soil structures and ground improvement.

PROF K KRISHNAN

Prof K Krishnan is a professor in the Department of Archaeology and Ancient History at the Maharaja Sayajirao University of Baroda. During the 30 years of his career in this university, he has held various posts. His research enabled him to develop a methodology for analysing fine wares, understanding craft specialisation, and assessing the development of technology and its impact on ancient South Asian society, inspiring several students to conduct research on South Asian ceramics. Prof Krishnan has worked towards reconstructing palaeoclimates in central and western India.

PROF AJITHPRASAD P

Prof Ajithprasad, a professor in the Department of Archaeology and Ancient History, the Maharaja Sayajirao University (MSU) of Baroda. He did his BSc from the University of Calicut, MA from the MSU Baroda, PG Diploma from the School of Archaeology, Archaeological Survey of India, and PhD from the MSU Baroda. Prof Ajithprasad has been associated with the MSU Baroda since 1990. His research is focused on prehistoric archaeology, quaternary environmental adaptations and Harappan studies. He possesses the life membership of the Indian Society for Prehistoric and Quaternary Academic bodies and the Indian Archaeological Society, and is also a member of the Geological Society of India.

FACULTY

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
ARCHAEOLOGICAL SCIENCES			
Michel Danino	Visiting Professor	École Supérieure d'Électricité (Gif-surYvette, France), 1977	Archaeology, history and culture of ancient India
BIOLOGICAL SCIENCES AND ENGINEERING			
Sharad Gupta	Associate Professor	University of Pittsburgh, 2009	Protein misfolding in Alzheimer's and Huntington's diseases
Sharmistha Majumdar	Associate Professor	Cornell University, 2006	Genomic and proteomic analysis of transposases and transposase homologs
Umashankar Singh	Associate Professor	Uppsala University, Sweden, 2006	Cytoprotection
Dhiraj D Bhatia	Associate Professor	Tata Institute of Fundamental Research, 2013	DNA nanotechnology and chemical biology
Karla Patricia Mercado-Shekhar	Assistant Professor Gr.I	University of Rochester, 2015	Tissue elasticity imaging and ultrasound techniques
Ashutosh Srivastava	Assistant Professor Gr.I	CSIR Centre for Cellular and Molecular Biology, Hyderabad, 2015	Integrative modeling of macromolecular complexes
Vijay Thiruvenkatam	Associate Research Professor	Jiwaji University, 2009	Small molecules x-ray crystallography
Subramanian Sankaranarayanan	Assistant Professor Gr.I	University of Calgary, Canada, 2015	Plant Developmental Biology, Biotechnology, Genetics, Molecular Biology, Cell Biology
Mukesh Dhanka	Assistant Professor Gr.I	IIT Bombay, 2019	Biomedical Engineering: Biomaterials, Drug Delivery, Bio nanotechnology, Orthopedic Applications, Regenerative Medicine, Photo-thermal Therapy, and Cancer.
CHEMICAL ENGINEERING			
Chinmay Ghorai	Professor	IIT Bombay, 2007	Particle engineering and powder processing
Sameer V Dalvi	Professor	IIT Bombay, 2007	Supercritical fluid processing
Prachi Thareja	Associate Professor	University of Pittsburgh, 2008	In-situ rheology of crystallizing fatty acid pastes
Kabeer Jasuja	Associate Professor	Kansas State University, 2011	Synthesis of two-dimensional nanomaterials
Pratyush Dayal	Associate Professor	University of Akron, 2007	Self-oscillating polymer gels
Nitin U. Padhiyar	Associate Professor	IIT Bombay, 2008	Process optimization and control
Kaustubh S Rane	Associate Professor	University at Buffalo, 2014	Thermodynamics and statistical mechanics of the interfacial systems
Mithun Radhakrishna	Associate Professor	Columbia University, 2014	Study of soft matter systems through theory and molecular simulations
Hari Sai Ganesh	Assistant Professor Gr.I	The University of Texas at Austin, 2018	Modeling and simulation
Karthik Subramaniam Pushpavanam	Assistant Professor Gr.I	Arizona State University, 2019	Designing and Engineering And Nanomaterials Proteins
Biswajit Saha	Assistant Professor Gr.I	Singapore MIT Alliance: Nanyang Technological University – Singapore and Massachusetts Institute of Technology, USA, 2012	Development of advanced material and sensor
Abinaya Sampath	Assistant Professor Gr II	University of Illinois at Urbana-Champaign, 2022	Heterogeneous catalysis, Raman spectroscopy, mass spectroscopy, catalyst synthesis, electrochemical synthesis, surface science techniques, vacuum studies, in-situ spectroscopy
CHEMISTRY			
Iti Gupta	Associate Professor	IIT Bombay, 2005	Macrocyclic receptors & expanded porphyrinoids
Sriram V Gundimeda	Associate Professor	IIT Bombay, 2001	Bio-organic chemistry

* For part of the year
** Joined during the year

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Bhaskar Datta	Associate Professor	Carnegie Mellon University, 2004	Nucleic acid based chemical biology
Sudipta Basu	Associate Professor	Max-Planck Institute for Molecular Physiology, Germany, 2006	Chemical biology of mitochondria and endoplasmic reticulum
Sivapriya Kirubakaran	Associate Professor	IISc Bangalore, 2007	Drug discovery and cancer chemical biology
Chandrakumar Appayee	Associate Professor	IISc, Bangalore 2008	Asymmetric catalysis
Saumyakanti Khatua	Associate Professor	Rice University, 2011	Plasmonics
Sudhanshu Sharma	Associate Professor	IISc Bangalore, 2009	Materials, electrochemistry
Sairam Swaroop Mallajosyula	Associate Professor	JNCASR, Bangalore, 2009	Carbohydrate-protein interactions
Anirban Mondal	Assistant Professor Gr.I	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, 2016	Physical chemistry, thermodynamics, quantum chemistry, spectroscopy
Biswajit Mondal	Assistant Professor Gr.I	Indian Association for the Cultivation of Science (Jadavpur University), 2017	(Photo)-electrochemistry, electrochemical conversion of value added chemicals, renewable energy, spectroscopy (UV-Vis kinetics, FTIR, resonance Raman, cryogenic intermediate trapping and elucidation of reaction mechanism)
Priyabrata Ghana**	Assistant Professor Gr.I	University of Bonn, Germany, 2017	Organometallic Chemistry and Main Group Chemistry
CIVIL ENGINEERING			
Amit Prashant	Professor	University of Tennessee, 2004	Constitutive modeling for granular materials
Vimal Mishra	Professor	Purdue University, 2010	Surface water hydrology
Ajanta Sachan	Associate Professor	University of Tennessee, 2005	Material characterization
Dhiman Basu	Associate Professor	SUNY, Buffalo, 2012	Rotational seismology, complex structures
Gaurav	Associate Professor	University of Minnesota, 2011	Uncertainty quantification
Manish Kumar	Associate Professor	State University of New York at Buffalo, 2015	Performance-based earthquake engineering
Sameer Patel	Assistant Professor Gr.I	Washington University, Saint Louis, USA, 2017	Aerosol and air quality
Udit Bhatia	Assistant Professor Gr I	Northeastern University, 2018	Critical infrastructure resilience and network science
Sudhir Kumar Arora	Professor of Practice	KSOU, 2011 (MBA)	Infrastructure Development, Water Supply
C N Pandey	Professor of Practice	North Gujarat University, 2011	Forestry, wildlife, environment
G V Rao	Visiting Professor	IISc Bangalore, 1973	Geotechnical testing and evaluation
S R Gandhi	Visiting Professor	IIT Madras, 1985	Pile foundation, Ground Improvement, Fly ash disposal field Instrumentation
Sushobhan Sen	Assistant Professor Gr I	University of Illinois at Urbana-Champaign, 2019	Transportation Engineering within Civil Engineering, and pavement modeling, design, and sustainability and resilience.
Krishna Siva Teja Chopperla**	Assistant Professor Gr II	Oregon State University, USA, 2021	Low-Carbon Concrete, Concrete Durability
COMPUTER SCIENCE AND ENGINEERING			
Anirban Dasgupta	Professor	Cornell University, 2005	Algorithms for large scale data
Bireswar Das	Associate Professor	Institute of Mathematical Sciences, Chennai, 2010	Computational complexity theory and algorithms
Neeldhara Misra	Associate Professor	Institute of Mathematical Sciences, Chennai, 2012	Design and analysis of algorithms
Manoj D Gupta	Assistant Professor Gr.I	IIT Delhi, 2013	Dynamic graph algorithms

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Sameer G Kulkarni	Assistant Professor Gr.I	Washington University, Saint Louis, USA, 2018	Network function virtualization
Nipun Batra	Assistant Professor Gr.I	IIIT Delhi, 2017	Sensor networks, machine learning and computational sustainability
Balagopal Komarath	Assistant Professor Gr.I	IIT Madras, 2016	Circuit complexity and other low-level computational models
Abhishek Bichhawat	Assistant Professor Gr.I	Universität des Saarlandes, Germany, 2018	Language-based security
Mayank Singh	Assistant Professor Gr I	IIT Kharagpur, 2019	Text mining natural language & processing and machine learning
Yogesh Kumar Meena	Assistant Professor Gr.I	Ulster University UK, 2018	Human-Computer Interaction, Internet of things (IoT) devices, Artificial Intelligence
Shouvick Mondal	Assistant Professor Gr II	Indian Institute of Technology Madras, 2021	Software Engineering & Systems
Rajat Moona	Director and Professor	PhD (IISc Bangalore)	Computer Architecture, VLSI Design, Operating Systems, Embedded Systems, Security, Smart Cards and RFID
COGNITIVE AND BRAIN SCIENCES			
Pratik Mutha	Associate Professor	Pennsylvania State University, 2009	Sensorimotor control and learning
Meera Mary Sunny	Associate Professor	University of Warwick, 2011	Visual attention, attention capture
Krishna Prasad Miyapuram	Associate Professor	University of Cambridge, 2008	Brain imaging (fMRI) and cognitive science
CREATIVE LEARNING			
Manish Jain	Teaching Professor	IIT Kanpur, 1993 (BTech)	3D geometry, polyhedra, geodesics, machines & mechanisms, and recreational math
Aditi Kothiyal	Assistant Teaching Professor	IIT Bombay, 2019	Educational Technology
Jyoti Kirshnan**	Assistant Teaching Professor	University of California, 2016	Continuum Mechanics and Partial Differential Equations
DESIGN			
Manasi A Kanetkar	Associate Teaching Professor	IIT Bombay, 2006 (MDes)	Pedagogy in design education and semiotics & design
Sameer Sahasrabudhe	Professor of Practice	Yashwantrao Chavan Maharashtra Open University (YCMOU), Nashik, 2015	Design Considerations for creating elearning animations.
Anezka Sebek	Visiting Professor	The New School for Social Research, 2016	Immersive New Media, Education and Technology, Ecological and Social Justice, Affordable Housing
EARTH SCIENCES			
Vikrant Jain	Professor	IIT Kanpur, 2001	Earth surface processes
V.N. Prabhakar	Associate Professor	Kurukhsetra University, 2013	Archaeology of protohistorical India
Sharada V Channarayapatna	Assistant Professor Gr.I	Deccan College, 2014; University of Ferrara, 2018	Archaeozoology and taphonomy and bioarchaeology
Utsav Mannu	Assistant Professor Gr.I	ETH Zurich, 2016	A Holistic appreciation of geodynamic processes using numerical modeling
Pankaj Khanna	Assistant Professor Gr I	Rice University, 2017	Carbonate depositional systems, sea-level fluctuations
Pradeep Srivastava	Adjunct Professor	Peoples' Friendship University, Moscow, Russia, 1983	Theoretical mechanics & control systems
R N Singh	Visiting Professor	Banaras Hindu University, Varanasi, 1969	Modeling of near-surface geophysical and environmental processes

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** Joined during the year

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Rajkrishna Dutta	Assistant Professor Gr I	Princeton University, 2019	Experimental and theoretical high-pressure mineral physics.
ELECTRICAL ENGINEERING			
Nihar Ranjan Mohapatra	Professor	IIT Bombay, 2003	Semiconductor devices and technology
Arup Lal Chakraborty	Professor	University of Strathclyde, UK, 2010	Tunable diode laser spectroscopy for gas parameter measurement
Uttama Lahiri	Professor	Vanderbilt University, 2011	Virtual reality based human computer interaction used in affective computing
Ragavan K.	Associate Professor	IISc Bangalore, 2006	Transformer diagnostics
Naran M Pindoriya	Associate Professor	IIT Kanpur, 2009	Restructuring power systems-technical and economical issues
Shanmuganathan Raman	Associate Professor	IIT Bombay, 2011	Computational photography
Nithin George	Associate Professor	IIT Bhubaneswar, 2012	Active noise control, adaptive signal processing
Joycee Mekie	Associate Professor	IIT Bombay, 2009	VLSI design
Ravi Hedge	Associate Professor	University of Michigan, Ann, Arbor, 2008	Optical properties of nanostructures
Himanshu Shekhar	Assistant Professor Gr.I	University of Rochester, 2014	Therapeutic ultrasound and nonlinear imaging
Tarun Kumar Agarwal	Assistant Professor Gr.I	KU Leuven, 2018	Modeling and simulation of emerging nanoscale devices
Jhuma Saha	Assistant Professor Gr.I	IIT Bombay, 2019	III-V semiconductor materials and devices, Microelectronics and VLSI design
Anand Kumar	Professor of Practice	Lucknow University, 1998	Power Sector Regulation, Training and Capacity Building, Policy & Finance, Renewable Energy Policy & Regulation, Load Forecasting, Tariff design & working models, Power Purchase Agreements, Energy Pricing, Energy Access, Standard of Performance and Safety Standards
S B Chakrabarty	Visiting Professor (Deputation)	IIT Kharagpur, 1995	Electromagnetic modelling, Simulation and design of the antenna, System of a variety of antenna and passive components aiming towards the advanced satellite applications related to communication, Microwave remote sensing and navigation
S Rajendran	Associate Teaching Professor	IIT Madras (MTech), 1988	High speed packaging machines-VFFS and HFFS technologies
Pallavi Bharadwaj	Assistant Professor Gr I	Indian Institute of Science, 2019	Design, modelling and optimization of renewable power conversion systems, multi-energy carriers and energy storage systems with a vision towards smart and low-carbon energy ecosystem.
Sandip Lashkare**	Assistant Professor Gr II	IIT Bombay, 2020	Semiconductor device physics, Emerging non-volatile memories (Resistive, Ferroelectric), System integration of non-volatile memories with CMOS technology, Hardware platforms for Neuromorphic computing and ESD & Surge protection devices

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Madhav Kiritkumar Pathak**	Assistant Professor Gr II	Lowa State University, USA, 2022	Ambient micro-power energy harvesting, power management circuits for low-power applications, and IoT sensor system design
HUMANITIES AND SOCIAL SCIENCES			
Jaison A Manjaly	Professor	IIT Kharagpur, 2008	Experience, consciousness, rationality
Sharmita Lahiri	Associate Professor	University of Houston, 2008	Postcolonial literature and composition
Arnapurna Rath	Assistant Professor Gr.I	IIT Bombay, 2010	South-Asian literature, critical theories, Bakhtin studies, creative writing
Madhumita Sengupta	Associate Professor	University of Calcutta, 2009	Colonial India and the socio - political history of Assam
Ambika Aiyadurai	Associate Professor	National University of Singapore, 2015	Anthropology of nature conservation and the role of local communities
Arka Chattopadhyay	Assistant Professor Gr.I	Western Sydney University, 2016	20th century literature: modernism and postmodernism, modern theatre, European avant garde fiction
Nishaant Choksi	Assistant Professor Gr.I	University of Michigan, Ann Arbor, 2014	Semiotics; linguistic ethnography; script and writing systems
Deepak Singhania	Assistant Professor Gr.I	University of California, Riverside, 2017	Interaction of Development Economics, Public Policy, and Political Economy
Alok Kumar Kanungo	Associate Research Professor	Deccan College, 2003	History and origin of glass
Mohd. Mubashshir Ahsan	Lecturer	Jawaharlal Nehru University, 2016	Arabic and Islamic studies in India
Mana A Shah	Lecturer	Gujarat University, 2012 (MA)	Sanskrit and Prakrit grammar, Jain kavya and Stotra literature, manuscriptology
Rosa Maria De Figueiredo Peres	Visiting Professor	ISCTE, Lisbon, 1992	Social structures, Social segregation, Subaltern studies, Fieldwork methodology, Portuguese colonialism and post-colonialism in India, Globalization, and Diaspora. Anthropology and Cinema
Leslee Lazar	Associate Teaching Professor	National Brain Research Centre, India, 2013	Neuroscience of design, science communication, cultural cognition, behavioral change
Jooyung Kim	Assistant Teaching Professor	University of Delaware, 2018	Linguistics syntax and semantics
Angus McBlane	Visiting Assistant Professor	Cardiff University, 2014	Cultural theory, embodiment, environmental humanities
Aashish Xaxa	Assistant Professor Gr II	Tata Institute of Social Sciences, 2021	Development Studies, Urban Sociology, Tribal Sociology, Social Exclusion and Inclusive Policies, Local Self-Governance
MATERIALS ENGINEERING			
Emila Panda	Associate Professor	Max Planck Institute, Germany, 2009	Investigations of thin films and nanostructured materials
Abhijit Mishra	Associate Professor	University of Illinois, Urbana-Champaign, 2010	X-Ray diffraction, membrane properties
Superb Kumar Misra	Associate Professor	Imperial College London, 2007	Biomaterials and tissue engineering
Amit Arora	Associate Professor	The Pennsylvania State University, 2011	Friction stir welding, heat transfer and visco-plastic flow
Abhay Raj Singh Gautam	Associate Professor	University of Virginia, 2009	Interface structure and dynamics
Pradipta Ghosh	Assistant Professor Gr.I	IISc Bangalore, 2014	Synthesis of nanocrystalline metals alloys and composites, microstructure characterization of nanocrystalline materials

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DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Raghavan Ranganathan	Assistant Professor Gr.I	Rensselaer Polytechnic Institute, 2016	Atomistic/Molecular simulations of structure- property relations and dynamics of soft matter
Sriharitha Rowthu	Assistant Professor Gr.I	École Polytechnique Fédérale de Lausanne, 2016	Wetting and dewetting phenomena
S P Mehrotra	Visiting Professor	IIT Kanpur, 1973	Mineral processing and process metallurgy
Prafull Pandey	Assistant Professor Gr.I	Indian Institute of Science Bangalore, 2019	Physical Metallurgy, Phase Transformations, Alloy Design, High Temperature Alloys, Superalloys, Al alloys, Cu alloys, Superelastic Alloys, Transmission Electron Microscopy, Deformation Mechanism
MATHEMATICS			
Indranath Sengupta	Professor	IISc Bangalore, 2001	Commutative algebra, algebraic geometry
Jagmohan Tyagi	Associate Professor	IIT Kanpur, 2008	Ordinary differential equations, elliptic partial differential equations
Atul Abhay Dixit	Associate Professor	University of Illinois at Urbana-Champaign, 2012	Analytic number theory
Sanjaykumar Amrutiya	Assistant Professor Gr.I	Harish-Chandra Research Institute, Allahabad, 2012	Tannakian group schemes, moduli spaces, vector bundles
Chetan Pahlajani	Associate Professor	University of Illinois, Urbana-Champaign, 2007	Probability theory and stochastic processes
Akshaa Vatwani	Associate Professor	Queen's University, 2016	Analytic number theory, sieve methods and algebraic number theory
Bipul Saurabh	Assistant Professor Gr.I	Indian Statistical Institute, Delhi, 2016	Operator algebras, noncommutative geometry and quantum groups
Arnab Saha	Associate Professor	University of New Mexico, 2012	Arithmetic jet spaces
Rohit Kumar Mishra	Assistant Professor Gr.I	TIFR Centre for Applicable Mathematics Bangalore, 2017	The field of inverse problems related to integral geometry, partial differential equations, microlocal analysis and medical imaging
Tanya Kaushal Srivastava	Assistant Professor Gr I	Freie Universitat Berlin Germany, 2018	Algebraic Geometry (Mathematics)
V D Sharma	Visiting Professor	Banaras Hindu University, 1972	Quasilinear systems of partial differential equations
Gadadhar Misra	Visiting Professor	Stony Brook University, NY, 1982	The broad area of operator theory using tools from complex geometry and representation theory
Projesh Nath Choudhury	Assistant Professor Gr.I	IIT Madras, 2018	Matrix theory, in connection with positivity and combinatorics
MECHANICAL ENGINEERING			
Atul Bhargav	Professor	University of Maryland, College Park, 2010	Fuel cell systems design and simulation
Harish J Palanthandalam-Madapusi	Associate Professor	University of Michigan, Ann Arbor, 2007	Systems and control theory, system identification (data-based modeling)
Vinod Narayanan	Associate Professor	JNCASR, Bangalore, 2006	Fluid mechanics
Dilip S Sundaram	Associate Professor	Georgia Institute of Technology, 2013	Thermofluid sciences, combustion, and energetic materials
Vineet Vashista	Associate Professor	Columbia University, 2015	Design and control of mechanical systems
Ravi Sastri Ayyagari	Associate Professor	Illinois Institute of Technology, 2013	Solid mechanics, constitutive modeling, computational mechanics
K R Jayaprakash	Assistant Professor Gr.I	University of Illinois at Urbana Champaign, 2013	Wave propagation in one and two-dimensional granular media

DISCIPLINE	DESIGNATION	PHD/LAST DEGREE	SPECIALISATION
Venkata Madhukanth Vadali	Assistant Professor Gr.I	University of Wisconsin, Madison, 2013	Dynamic systems, control systems, manufacturing, mechatronics, robotics
Uddipta Ghosh	Assistant Professor Gr.I	IIT Kharagpur, 2016	Low-reynolds number hydrodynamics, with special focus on electrokinetics of complex systems
Soumyadip Sett	Assistant Professor Gr.I	University of Illinois at Chicago, 2016	Energy engineering, thermo-fluids, heat transfer, interfacial phenomena and micro/ nanoscale
G K Sharma	Visiting Professor	Moscow Power Engineering Institute, 1974	Thermal engineering
N Ramakrishanan	Visiting Professor	IIT Bombay, 1980	Manufacturing, automation and composite materials
Harmeet Singh	Assistant Professor Gr.I	Virginia Tech, 2018	Classical continuum mechanics; elasticity; mechanics of one dimensional thin bodies
Chelva Kumar	Visiting Professor	California Institute of Technology, 1985	Solar power: cell physics, panel production, off-shore installations and solar power economics and finance
Harini Subramanian**	Assistant Professor Gr II	IIT Madras, 2022	Constitutive modelling, Continuum damage mechanics, Plasticity, Mechanics of composites, Viscoelasticity and Self-healing materials
PHYSICS			
Anand Sengupta	Associate Professor	IUCAA Pune, 2005	Detection of gravitational waves, aspects of CMB data analysis
Sudipta Sarkar	Associate Professor	University of Pune, IUCAA, 2009	General relativity and black hole thermodynamics
Vinod Chandra	Associate Professor	IIT Kanpur, 2009	Quark-gluon-plasma and relativistic heavy ion collisions
Baradhwaj Coleppa	Associate Professor	Michigan State University, 2009	Beyond the standard model – model building and LHC, phenomenology of new states
Rupak Banerjee	Associate Professor	University of Calcutta (Saha Institute of Nuclear Physics), 2012	Surface physics and materials science
Krishna Kanti Dey	Associate Professor	IIT Guwahati, 2011	Active matter, colloidal dynamics, nanotechnology
Gopinadhan Kalon	Associate Professor	IIT Delhi, 2008	Experimental Condensed Matter Physics, Nanofluidics/ Desalination Techniques, Device functionalities utilizing surface and interface physics, Two-dimensional hetero-structures
Prasanna Venkatesh Balasubramanian	Assistant Professor Gr.I	McMaster University, 2013	Theoretical research in quantum optics and nanophysics, ultracold atomic physics
Arpan Bhattacharyya	Assistant Professor Gr.I	IISc Bangalore, 2015	Quantum entanglement in many-body systems
Chandan Kumar	Assistant Professor Gr.I	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, 2017	Experimental soft condensed matter physics
R.R. Puri	Visiting Professor	Bombay University, 1981	Theoretical quantum optics, quantum mechanics, random matrix theory of quantum chaos
Rusa Mandal	Assistant Professor Gr.I	The Institute of Mathematical Sciences, Chennai, 2018	High Energy Particle Physics
Krista Roluahpuia Khiangte	Assistant Professor Gr.I	Indian Institute of Technology Bombay, 2018	Experimental Condensed Matter Physics
Naveen Sisodia**	Assistant Professor Gr.I	IIT Delhi, 2020	Development of logic-in-memory devices which utilizes magnetic skyrmions as both memory and logic elements
Urjit Yajnik**	Visiting Professor	University of Texas at Austin, 1986	Grand unified theories, General Relativity, semi-calssical Gravity, Cosmology. Topological methods.

*For part of the year
** Joined during the year

NON-TEACHING STAFF AGAINST REGULAR POSITIONS

EMPLOYEE NAME	DESIGNATION
Esha Agarwal**	Junior Laboratory Assistant
Puneet Agarwal**	Junior Accounts Officer
Kunal Agnihotri	Junior Accounts Assistant
Jyothish Kumar A P	Junior Laboratory Attendant
M Armugam	Junior Laboratory Attendant
Suganya Arumugam	Junior Technical Superintendent
Babloo	Junior Laboratory Attendant
Palak R Bagiya	Laboratory Assistant
Khushboo Bais**	Junior Superintendent
Suvakanta Barik	Technical Superintendent
Raju Beerasent	Junior Technical Superintendent
Timir Yakunj Berawala	Assistant
Ram Babu Bhagat	Joint Registrar
Rahulendra Bhaskar	Technical Superintendent
Nirav Madanbhai Bhatt	Junior Laboratory Assistant
Kandarp Bhatt	Junior Accounts Officer
Sabarmati Bhattacharya	Senior Library Information Assistant
Pawan Bohra**	Junior Accounts Assistant
Tushar H. Brahmbhatt	Laboratory Attendant/Helper
Saptami Chattaraj	Junior Engineer
Biresh Chaubey	Assistant Registrar
Pannaben Chaudhari	Assistant Librarian
Rohit Chaudhary	Technical Superintendent
Bipul Kumar Chaudhary**	Deputy Registrar
Praveen Singh Chauhan	Junior Superintendent
Krupesh Chauhan	Senior Accountant
Nilesh Bharatbhai Chauhan**	Junior Assistant
Pratikkumar Kirtibhai Chavda	Junior Technical Superintendent
Hitesh Mohan Chhatani**	Library Information Assistant
Prem Kumar Chopra	Registrar
Aakash Choubey	Junior Assistant
Akshay Kumar Choudhary	Junior Assistant
Aravind Chadhar*	Junior Laboratory Attendant
Hareshkumar Babubhai Chaudhari*	Assistant Staff Nurse
Parulben P Christian	Assistant Staff Nurse
Tapas Kumar Das*	Senior Library Information Assistant
Rajib Kumar Dash**	Junior Technical Superintendent
Raag Deepak**	Junior Assistant
Dinesh Barbarbhai Desai	Junior Laboratory Attendant
Love Deshwal	Assistant Engineer
Jayesh Dhabhai*	Junior Engineer
Bhavna V Dharani	Junior Accountant
Tej Bahadur Gaurang	Assistant
Vishal Gaurav**	Junior Superintendent
Nileshkumar H Golani**	Junior Accounts Assistant
Supin Gopi	Technical Superintendent
Putul Gorai**	Junior Laboratory Assistant
Hemant Kumar Gupta	Junior Assistant
Laxmi P Hirani	Laboratory Assistant
Janagarajan Illayaraja**	Junior Accounts Officer
Sankari Narayan Iyer**	Junior Assistant
Yogesh Dattatraya Jade	Superintendent
Sudarshini Jain*	Junior Accounts Officer
Nivita Naval Jain*	Junior Accounts Assistant
Piyush Jaiswal	Assistant Engineer
Lokesh Jalora**	Junior Superintendent
Achintya Jana	Junior Technical Superintendent
N Jayakumar	Assistant Engineer
Santosh Kumar Joshi	Assistant Physical Training Instructor
Meena Joshi	Assisant Registrar
Jithesh V K	Assistant Registrar
Payal Kabariya*	Junior Assistant
Navdiwala Ankur Kanchanlal	Laboratory Assistant
Ashish Sohanlal Kanojiya	Junior Technical Superintendent
Dharmeshkumar V. Kapadiya	Laboratory Attendant/Helper
Mangeshkar Karade	Junior Engineer
Hani M Khamar	Assistant
Chirag D Khuha	Junior Accounts Assistant
A Raghuveer Kumar**	Library Information Assistant
Shivam Kumar**	Junior Laboratory Assistant
Sujeet Kumar**	Executive Engineer
Vikash Kumar**	Assistant Registrar
Vikas Kumar*	Executive Engineer
Tushit Kumar**	Junior Superintendent
Anil Kumar	Junior Accounts Assistant
Jayesh Suresh Kuril**	Junior Assistant
Dipakkumar K Lalpura	Junior Assistant
Pijush Majumdar	Assisant Registrar
Prem Jairambhai Makhija**	Junior Accounts Assistant
Prashant G Makwana	Assistant
Paresh B Makwana	Junior Accounts Assistant
Mriganka Mandal**	Junior Laboratory Assistant
Vijay Meena	Senior Accountant
Parth R Mehta	Junior Assistant
Laxmi Kant Mishra	Assistant Executive Engineer
Architaben M Muchhadia	Senior Library Information Assistant
Pritesh Kumar Mundra**	Assistant Engineer
Naresh**	Junior Superintendent
Sidh Nath*	Junior Superintendent
Pradipbhai Kamajibhai Ninama	Junior Laboratory Attendant
Dharmendra S. Panchal	Assistant Engineer
Ashish Kumar Pandey	Junior Laboratory Attendant
Sanjeev Kumar Pandey	Accounts Officer
Pragnesh Parekh	Technical Superintendent
Abinash Parida**	Junior Technical Superintendent
Dinesh H. Parmar	Senior Physical Training Instructor
Bhavik Parmar	Junior Accounts Assistant
Shaileshkumar J Patani	Junior Assistant
Sanket Patel	Technical Superintendent
Sanjay T Patel	Laboratory Assistant
Bhikhabhai R Patel	Junior Laboratory Attendant

Jignesh S. Patel	Laboratory Assistant
Sachin Maganlal Patel	Senior System Analyst
Lipi Vinodkumar Patel**	Assistant Staff Nurse
Twinkle Patel	Accounts Officer
Harshad Patel	Accounts Officer
Kamini Patel	Junior Superintendent
Arika Patel	Junior Accounts Officer
Darshan C Patel	Assistant
Bhavinkumar Ramabhai Patel*	Junior Laboratory Assistant
Jitendra Pukhraj Pawar	Junior Accountant
Neeraj Piploda	Superintending Engineer
Krishna Pilojpara*	Junior Laboratory Assistant
Don Augusty Plackal	Junior Laboratory Assistant
Jayesh Prajapati	Junior Laboratory Attendant
Ashish Pundir*	Junior Assistant
Arvind Kumar Purohit**	Junior Assistant
Narendra J Rabadiya	Assistant
Panchal Shreya Rajeshkumar**	Junior Assistant
Rajji	Junior Engineer
Hirenkumar S Raloliya**	Junior Assistant
Rajender Singh Rathore**	Junior Assistant
Vaibhavi Raulji	Junior Assistant
Santosh Raut	Superintendent
Pranav Rohit	Assisant Registrar
Pavitra Kumar Rout	Junior Accountant
Saswati Roy*	Assistant Registrar
Kumar Ankit Saha*	Junior Accounts Assistant
Shibaram Sahoo	Junior Laboratory Attendant
Rupali M Salve	Junior Assistant
Jay Hitesh Sampat	Junior Accounts Assistant
Komal Sangtani	Assistant
Shubh Saxena**	Junior Assistant
Hardiben B. Shah**	Library Information Assistant
Viral Y Shah	Assistant Registrar
Harshil Vijaykumar Shah**	Junior Accounts Officer
Sujit Kumar Shah	Assistant
Mukesh Sharma	Senior Staff Nurse
Deepak Sharma	Junior Laboratory Assistant
Tarun Sharma**	Junior Technical Superintendent
Hradesh Kumar Sharma	Joint Registrar
Neha Sharma**	Assistant Registrar
Nitin Shukla	Technical Superintendent
Gaurav Shukla	Superintendent
Ratnesh Kumar Singh	Assistant Physical Training Instructor
Bikram Kumar Singh**	Assistant Physical Training Instructor
Mantasha Nadeem Siddiqui*	Library Information Assistant
Gaurav Kumar Singh	Junior Superintendent
Harish Singh	Junior Assistant
Gauttam Kumar Singh*	Junior Superintendent
Tenils Solanki	Superintendent
Mrugesh R Solanki	Superintendent
Jatinkumar M. Soni*	Junior Laboratory Assistant
Nikunj Pravinbhai Solanki**	Junior Superintendent
Ravi Subhash Soni	Assistant Executive Engineer
Hiral Suchak	Junior Accountant
Raviraj Vijaykumar Sukhadiya	Junior Laboratory Assistant
Ishani M Sutaria	Assistant Registrar
Vijay Mohanbhai Sutreja	Junior Assistant
Sachin S. Tawde	Technical Superintendent
Prabhuji Thakor	Laboratory Attendant/Helper
Supresh Thaleshari	Laboratory Attendant/Helper
Shubham Rajendra Tongire	Junior Laboratory Assistant
Aman Tripathi	Junior Laboratory Assistant
Param D Trivedi**	Junior Assistant
Suryakant Tyagi	Junior Engineer
Rajendra Vaishnav	Accounts Officer
Lakshmipriya G Valappil	Junior Superintendent
Patel Rajendrabhai Vasantbhai*	Junior Helper
Piyushbhai P Vankar	Assistant
Manish Yadav	Junior Laboratory Attendant
Shashank Yadav**	Assistant Physical Training Instructor
Devendrasinh Dahyaji Zala	Driver
Anjanaba R Zala	Junior Accountant

*For part of the year
** Joined during the year

ALUMNI RELATIONS

The IIT Gandhinagar alumni are engaged in numerous activities including fundraising campaigns, masterclass sessions, alumni meetups and annual alumni reunions. Over the years, the alumni engagement has improved in several ways including effective interpersonal communication, personalisation, networking events, career services, opportunity enhancement, and alumni mentoring programs.

ANNUAL ALUMNI GIVING

More than 50% of the IITGN Alumni have contributed to IITGN for the fifth consecutive year

In the financial year 2023-2024, 50.7% of the alumni made financial contributions totaling Rs 72 lakhs to IITGN.

Out of 3,575 IITGN alumni, 1,814 alumni collectively donated a record-high amount of Rs 72 lakhs during the financial year 2023-2024. These contributions supported various funds, including international internships, student support and scholarships, Art@IITGN, social outreach initiatives, housekeeping & workers' welfare, sports & cultural events, and entrepreneurship.

ALUMNI SUPPORT IN FINANCIAL YEAR 2023-2024

- Total alumni: 3575
- Alumni donors: 1814 / 50.7 %
- Alumni donation: Rs 72L
- Average alumni donation: Rs 4K
- 43 % / 192 recently graduated students of 2023 donated Rs 4L toward batch gift
- 83 % / 2968 Alumni donated at least once since establishment of IITGN

ALUMNI GIVING DURING LAST FIVE FINANCIAL YEARS:

Financial Year	Alumni strength	Alumni donors	Percentage of donors
2019-20	1,762	883	50.1 %
2020-21	2,208	1,215	55.0 %
2021-22	2,749	1,381	50.2 %
2022-23	3,140	1,723	54.9 %
2023-24	3,575	1,814	50.7 %

YOUNG ALUMNI EXCELLENCE AWARDS

IITGN conferred the Young Alumni Excellence Award 2023 on Jan 8, 2024, at the Jibaben Patel (Kanisa) Memorial Auditorium. Young Alumni Excellence Awards celebrate the early career successes of IITGN alumni, showcasing their contributions to technology, research, entrepreneurship, or social change. The Young Alumni Excellence Award plays a crucial role in acknowledging and celebrating the achievements of the IITGN Alumni.

The following four alumni excellence awards were conferred with a medallion and a commendation in various categories during the Homecoming 2023:

OUTSTANDING ACADEMIC ACHIEVEMENT

Aishwarya Agrawal
Assistant Professor, University of Montreal, Canada

OUTSTANDING ENTREPRENEURSHIP

Silky Agrawal
Founder, GeoCarte Radar Technology

Saurya Prakash
Co-Founder & CEO, Recko

Prashant Borde
Co-Founder & CTO, Recko

ALUMNI EVENTS

ALUMNI MEETUP IN DELHI

The Alumni meetup in Delhi was organized and hosted by **Ankit Agarwal**, BTech, Mechanical Engineering, 2012 batch and his family at their residence in Saket, Delhi, on Apr 29, 2023. **Prof Jaison Manjaly**, professor-in-charge, Alumni Relations interacted with the alumni and discussed various initiatives for the IITGN alumni. Over 60 alumni from Delhi NCR attended the event.

ALUMNI MEETUP IN EUROPE

The Alumni meetup in Europe was hosted by **Pankaj Tiwari**, MA, HSS, 2019 batch at his studio in Amsterdam on May 20, 2023. **Prof Jaison Manjaly**, professor-in-charge, Alumni Relations and **Harish P M**, Dean, General Administration had a delightful time with alumni in Amsterdam.

ALUMNI MEETUP IN THE USA

The IITGN Alumni Meetup in the USA was hosted during Jun 8-18, 2023, in Seattle, Chicago, Purdue University, UIUC, UCSD, Caltech, San Francisco, and New Jersey. Out of more than 400 alumni staying in the US, over 130 alumni and 5 current IITGN students interning in the US universities attended the meetups in the USA. The IITGN team including **profs Pratik Mutha, Amit Prashant, Rajat Moona, Chelva Kumar, Nirmal Jha, Pallavi Bharadwaj, Kabeer Jasuja, Jaison Manjaly** were present in the meetups. Alumni including **Rounak Mehta, Luv Gupta, Chinmay Ajnadkar, Dr Yogesh Goyal, Javeena Hussain, Harsh Patel**, and **Manas Bedmutha** facilitated the meetups.

HOMECOMING 2023

The fifth edition of IITGN's annual alumni reunion, 'Homecoming,' was hosted at IITGN campus on Dec 16-17, 2023. The event featured sessions that engaged the alumni and enabled interaction among alumni, faculty, and current students at IITGN. More than 80 alumni from undergraduate and postgraduate batches attended the Homecoming 2023 at IITGN. The alumni deeply engaged in insightful conversations with their professors and the director **Prof Rajat Moona**. A networking dinner and lunch were organized to strengthen existing and new found connections within the IITGN community. The event's main highlights included the set up of a Flea Market by the Art @ IITGN Team, attracting over 500 visitors, including students, residents, alumni, staff, and faculty members. The Homecoming event at IITGN coincided with the Inter IIT Students Sports Meet on campus, offering alumni the chance to experience the sporting extravaganza at IITGN. The alumni witnessed various games hosted on campus during their visit.

IIT 2024 GLOBAL CONFERENCE USA

The IIT 2024 Global Conference USA was hosted during Jan 12-14, 2024, at Washington DC, USA. The conference is a globally recognized gathering organized by the PanIIT USA Alumni Association. **Prof Jaison Manjaly**, professor-in-charge, Alumni Relations represented IITGN at the conference, and interacted with several IITGN alumni, who were a part of the conference. More than 1300 IIT alumni attended the conference.

ALUMNI MEETUPS IN FIVE CITIES

Prof Jaison Manjaly, hosted Alumni meetups in Mumbai, Pune, Bangalore, Hyderabad, and Delhi during Feb – Mar, 2024. More than 300 alumni attended the meetups.

ALUMNI ENGAGEMENT

NAME OF THE ALUMNI	INITIATIVES
Subhra Majhi (MTech/CE/2015)	Online masterclass session on how wave-based tech is revolutionizing bridge monitoring in Australia
Abhishek Pandey (PhD/CE/2022)	Offline masterclass session on how to secure a career faculty position at an IIT
Gaurav Dalmia (BTech/ME/2022)	Online session on 'Building a Career in Finance', facilitated by Annuity Finance Club, IITGN
Praveen Venkatesh (BTech/EE/2022) and Isha Bayad (BTech/CL/2023)	Online session 'Journey to MS or Direct PhD Abroad' facilitated by Anveshanam IITGN Student Research Club
Darshil Doshi (BTech/EE/2017)	Offline masterclass on 'What do deep learning Models learn?'
Sujay Kadam (PhD/EE/2021) and Chandan Kumar Jha (PhD/EE/2021	Informal interaction with PhD freshers during Aarohan, the foundation program for Early admit PhD students
Rohit Nanavati (BTech/ME/2017)	Informal interaction with students having interests in autonomous robots and aerospace vehicles
Shraddha Mohnani (MSc/PH/2021)	Online masterclass session on 'Gamma Ray Bursts: Decoding the Tale of Dying Stars'

POWER OF 5

The Power of 5 is a bold initiative of IITGN to endow 50 scholarships over the coming years with individual donations of Rs 5 lakh by alumni of IITGN. According to this initiative, alumni donating Rs 5 lakh will create a perpetual scholarship worth Rs 1 lakh yearly.

- Alumni donate Rs 5 lakh
- This amount is equally matched with a private donor to create Rs 10 lakhs
- The Institute matches the combined contribution with Rs 10 lakhs to create a total corpus of Rs 20 lakhs
- The corpus of Rs 20 lakhs is suitably invested and creates a perpetual scholarship of Rs 1 lakh annually

ALUMNI ENDOWED SCHOLARSHIPS

Name of the Alumni	Name of the Scholarships
Ameya Joshi (BTech/EE/2014)	Prof K V Venkatesha Murthy Scholarship Prof D V Pai Scholarship Prof Ramesh Gaonkar Scholarship
Abhiroop Mishra (BTech/ MSE/2019)	Dr Maya and Dr Vishwanath Tiwary Scholarship
Prerna Singh (BTech/CE/2017)	Sadhana and Prithivi Pati Singh Scholarship

भारतीय प्रौद्योगिकी संस्थान गांधीनगर INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

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