campus diary

IIT Bombay Celebrates Teachers' Day 2024

- International Award for Excellence in Research in Engineering and Technology
- S.P. Sukhatme Excellence in Teaching Awards to 14 Professors
- Dr. P.K. Patwardhan Technology Development Award
- C1973 Research Excellence Awards to 16 Professors

Chief Guest Lt Gen Dr. Madhuri Kanitkar, (Retd), Vice-Chancellor, Maharashtra University of Health Sciences (MUHS), Nashik addressing the audience during 66th Teachers' Day

Commemorating the birth anniversary of noted philosopher, educationist and statesman, Dr. S. Radhakrishnan, the Indian Institute of Technology Bombay (IIT Bombay) celebrated its **66th Teachers' Day** on 5th September, 2024, in the Institute campus. **Lt Gen Dr. Madhuri Kanitkar (Retd),** (PVSM), (AVSM), (VSM), Vice-Chancellor, Maharashtra University of Health Sciences (MUHS), Nashik was the Chief Guest on the occasion.

In his welcome address to audience, IIT Bombay Director **Prof. Shireesh Kedare** emphasized the process of learning and *said, "As teachers, we have to try to make the students realize their path".*

In the following speech, the Chief Guest of the function **Lt Gen Dr. Madhuri Kanitkar (Retd)** urging the teachers present to help produce good citizens who don't learn just to earn said, *"Teachers are facilitators for transfer of information to knowledge".*

The Teachers' Day function witnessed the felicitation of two National awardees - **Prof. Rohit Srivastava,** Department of Biosciences and Bioengineering**,** for being conferred the prestigious *Rashtriya Vigyan Puraskar - Vigyan Shri for the year 2024 in Technology and Innovation and* **Prof. Vikram Vishal, Department of Earth Sciences,** for being conferred the prestigious *National Geoscience Award - 2023 in the field of Applied Geology.*

The Chief Guest conferred the International Award for Excellence in Research in Engineering and Technology; Professor S. P. Sukhatme Award for Excellence in Teaching; Dr. P. K. Patwardhan Technology Development Award (2023) and the C1973 Research Excellence Awards, to select faculty members as a recognition of their contribution in the field of teaching and research.

The **IIT Bombay International Award for Excellence in Research in Engineering and Technology** (instituted by Mr. Sandeep Naik and Mr. Shantanu Rastogi) was conferred on **Dr. Tony Q. S. Quek,** IEEE Fellow, Head of Pillar, Information Systems Technology and Design, Director of the Future Communications Research and Development Programme and Cheng Tsang Man Chair Professor, in commendation of his stellar research and publications in the areas of wireless communications, particularly in ultra-reliable low-latency communication (URLLC) and network intelligence.

Dr. Tony Q.S. Quek (right) receiving the IIT Bombay International Award for Excellence in Research in Engineering and Technology for his outstanding contributions in areas of wireless communications

The awardees of Professor S. P. Sukhatme Award for Excellence in Teaching are as follows:

◆ **Prof. Alka Hingorani,** IDC School of Design
◆ **Prof. Shilpa Ranade,** IDC School of Design
◆ **Prof. Jayendran Venkateswaran,** Department of Industrial Engineering and Operations Research
◆ **Prof. Shireesh B. Kedare,** Department of Energy Science and Engineering
◆ **Prof. Nagendra Rao Velaga,** Department of Civil Engineering
◆ **Prof. M.J.N.V. Prasad,** Department of Metallurgical Engineering and Materials Science
◆ **Prof. Mythili Vutukuru,** Department of Computer Science and Engineering
◆ **Prof. Rajendra Prasad Vedula,** Department of Mechanical Engineering
◆ **Prof. Ajit Rajwade,** Department of Computer Science and Engineering
◆ **Prof. Ranjan Kumar Panda,** Department of Humanities and Social Sciences
◆ **Prof. Preeti Raman,** Department of Mathematics
◆ **Prof. Balaji Ramakrishnan,** Department of Civil Engineering
◆ **Prof. Somnath Basu,** Department of Metallurgical Engineering and Materials Science
◆ **Prof. Sibi Raj Bhaskaran Pillai,** Department of Electrical Engineering

The recipients of the Professor S. P. Sukhatme Award for Excellence in Teaching, Dr. P. K. Patwardhan Technology Development Award for 2023 and IIT Bombay International Award for Excellence in Research in Engineering and Technology along with Chief Guest Lt Gen Dr. Madhuri Kanitkar (Retd) (center) and IIT Bombay Director Prof. Shireesh Kedare (center)

The **Dr. P. K. Patwardhan Technology Development Award for 2023** was conferred on **Prof. Manjesh Kumar Hanawal,** Department of Industrial Engineering and Operations Research for his innovative R&D work on *"Vajra - An Indigenous tool for endpoint security"* and **Prof. Rajesh Patkar,** Department of Biosciences and Bioengineering for his innovative R&D work on *"A Bio-stimulant based novel approach for enhanced yield and nutritional value of potato."*

The **C1973 Research Excellence Awardees** (instituted by the Class of 1973 during their Golden Jubilee Reunion in 2023) :

◆ **Prof. Arnab Dutta,** Department of Chemistry
◆ **Prof. Shobhna Kapoor,** Department of Chemistry
◆ **Prof. Anshuman Kumar,** Department of Physics
◆ **Prof. Varun Bhalerao**, Department of Physics
◆ **Prof. Souvik Banerjee,** Department of Economics
◆ **Prof. Suddhaseel Sen,** Department of Humanities and Social Sciences
◆ **Prof. Karthikeyan Lanka,** Centre of Studies in Resources Engineering
◆ **Prof. Shashi Ranjan Kumar,** Department of Aerospace Engineering
◆ **Prof. Venkat Gundabala,** Department of Chemical Engineering
◆ **Prof. Jayadipta Ghosh,** Department of Civil Engineering
◆ **Prof. Preethi Jyothi,** Department of Computer Science and Engineering
◆ **Prof. Kasturi Saha,** Department of Electrical Engineering
◆ **Prof. Venkatasailanathan Ramadesigan,** Department of Energy Science and Engineering
◆ **Prof. Harish C. Phuleria,** Environmental Science and Engineering Department
◆ **Prof. Ankit Jain,** Department of Mechanical Engineering
◆ **Prof. Amrita Bhattacharya,** Department of Metallurgical Engineering and Materials Science

The Teachers' Day function was well-attended by many including, **Prof. Milind Atrey,** Deputy Director - ART (Academics, Research and Translation), **Prof. K V Krishna Rao,** Deputy Director - FIA (Finance, Infrastructure and Administration), **Prof. Neela Nataraj,** Dean (Faculty Affairs), **Prof. Upendra Bhandarkar,** Associate Dean (Research and Development), Deans, Heads of Departments, faculty members, staff and students in large numbers.

The recipients of C1973 Research Excellence Awardees with Chief Guest Lt Gen Dr. Madhuri Kanitkar (Retd) (center) and IIT Bombay Director Prof. Shireesh Kedare (center)

IIT Bombay Holds 62nd Convocation And Departmental Degree Award Function (DDAF)

- A total of 3303 degrees awarded to 3019 students

- Total 498 students awarded PhD degrees during the academic year 2023-24

The Indian Institute of Technology Bombay held its **62nd Convocation** and **Departmental Degree Award Function (DDAF)** at the Institute campus during two consecutive days viz. August 24-25, 2024. A total of **3303** degrees, including **498** PhD degrees were awarded to **3019** students for the academic year 2023-24. [The figures include those conferred during the interim session of the 62nd Convocation held on February 24, 2024].

The Departmental Chief Guest, Head of Department and faculty members presided over the DDAFs. Among the 3019 degree recipients, 674 were female and 2345 were male students.

During the event, **Vedang Dhirendra Asgaonkar**, a BTech student from the Department of Computer Science and Engineering was bestowed with the '***President of India Gold Medal'*** while **Kaivalya Sanjay Daga**, a BTech student from the Department of Mechanical Engineering was conferred with the '***Dr. Shankar Dayal Sharma Gold Medal'***. Additionally, many more students were presented with other gold and silver medals for their excellent performance.

The Institute Director **Prof. Shireesh Kedare** congratulated the degree and medal recipients and their parents on the occasion.

During the academic year 2023-24, the undergraduate degrees awarded include 951 BTech, 358 Dual Degrees (BTech+MTech), 100 Interdisciplinary Dual Degrees (BTech/ BS+MTech/ MSc), 64 four-year BS, 10 Dual Degrees (BS+MSc), 20 BDes, 18 Dual Degrees (BDes+MDes), and 31 three-year BS.

The postgraduate degrees include 635 MTech, 46 MS by Research, 15 MA by Research, 4 Dual Degrees (MTech/ MSc+MS by Research), 69 MDes, 1 MA, 2 MPhil, 290 two-year MSc, 110 MBA, 44 EMBA, 12 MPP and 25 PGDIIT.

Out of the 498 PhDs [including Dual Degrees (MTech/ MPhil+PhD), Dual Degree (MSc+PhD), and joint PhDs along with Monash University and Nottingham Trent University (NTU)] awarded during the academic year 2023-24, 191 were female and 307 were male students.

MEDALS AND PRIZES
OF THE 62nd CONVOCATION OF THE INSTITUTE

President of India Medal
(for the year 2023-24)
Vedang Dhirendra Asgaonkar
Roll No. 200050154
B.Tech. (Computer Science and Engineering)

BACHELOR OF TECHNOLOGY

Chemical Engineering
Sumit Kumar; Roll No. 200020145

Civil Engineering
Sunandinee Mehra; Roll No. 200040144

Computer Science and Engineering
Virendra Kabra; Roll No. 200050157

Vaibhav Raj; Roll No. 200050148

Electrical Engineering
Aditya Sriram; Roll No. 200070004

Tanmay Dokania; Roll No. 200070083

Waqar Mirza; Roll No. 200070090

Mechanical Engineering
Kaivaly Sanjay Daga; Roll No. 200100078

Metallurgical Engineering and Materials Science
Satyam Rath; Roll No. 200110100

Engineering Physics
Shashwat Chakraborty; Roll No. 200260049

DUAL DEGREE PROGRAMME

Computer Science and Engineering
Amit Kumar Mallik; Roll No. 19D070007

Electrical Engineering
Kushal Kejriwal; Roll No. 190110040

Energy Science and Engineering
Arya Santosh Motegaonkar; Roll No. 19D170003

Environmental Science and Engineering
Aditi Ganpat Khode; Roll No. 19D180004

Mechanical Engineering
Lakshya Chaplot; Roll No. 19D100010

IDDDP
Koita Centre for Digital Health
Siddhant Sujit Kolke; Roll No.19B030028

BACHELOR OF SCIENCE

Economics
Keerthana P; Roll No.20B080020

Mathematics
Shantanu Hrishikesh Nene; Roll No.20B090011

B.Des.
Ishita Sharma; Roll No.20U130030

DUAL DEGREE (B.Des.+M.Des.)

Interaction Design (IDC)
Saloni Amar Shetye; Roll No. 19U130005

MASTER OF SCIENCE

Biosciences and Bioengineering
Saswata Ganguly; Roll No.22N0111

Chemistry
Nilarun Koley; Roll No.22N0164

Earth Sciences
Swastika Kanjilal; Roll No.22N0218

Statistics
Mayuri Vijay Wabale; Roll No.22N0048

Physics
Amanaganti Rohan Ganesh; Roll No.22N0271

MASTER OF TECHNOLOGY

Aerospace Engineering
Shruti Sandipbhai Rajpara; Roll No. 22M0025

Biomedical Engineering
Debarghya Pratim Gupta; Roll No. 22M0126

Chemical Engineering
A Venkata Kowshik; Roll No. 22M0431

Civil Engineering
Neduri Leela Venkata Sri Harsha; Roll No. 22M0575

Computer Science and Engineering
Khetan Bhumika Sanjay; Roll No. 22M0754

Electrical Engineering
Adarsh Sinha; Roll No. 21307R005

Ishan Mishra; Roll No. 21307R014

Neralla Manikanta; Roll No. 22M1115

Energy Systems Engineering
Aayush Tushar Gala; Roll No. 22M1341

Environmental Science and Engineering
Gurram Lokesh Kumar; Roll No. 22M1429

Mechanical Engineering
Shahid Ahmed; Roll No. 22M1626

Parekh Tushar Dilip; Roll No.22M1635

Metallurgical Engineering and Materials Science
Tarun Jakhar; Roll No. 22M1826

Geoinformatics And Natural Resources Engineering
Sandarbh Agrawal; Roll No. 22M0305

Technology and Development
Mishra Shailesh Anil Mamta; Roll No. 22M0223

Urban Systems
Mohit Arya; Roll No. 22M0263

Industrial Engineering and Operations Research
Kiran Prakash E C; Roll No. 22M1514

Educational Technology
Ashish Garg; Roll No. 22M1021

MASTER OF DESIGN

Industrial Design
Rijesh K; Roll No. 22M2224

Master of Business Administration
Deepak Duttatreya Padhi; Roll No. 22M2334

MASTER OF SCIENCE BY RESEARCH

Computer Science and Engineering
Sathe Ashutosh Bhalchandra; Roll No.21Q050012

MASTER OF ARTS BY RESEARCH

Humanities and Social Sciences
Akash Banerjee; Roll No.22N0521

OTHER MEDALS

Dr. Shankar Dayal Sharma Gold Medal
Kaivaly Sanjay Daga; Roll No. 200100078
B.Tech. (Mechanical Engineering)

Sharad Maloo Memorial Gold Medal
Joshi Soham Sagar; Roll No. 200110051
B.Tech. (Metallurgical Engg. and Mat. Sc.)

Miss Jayati Deshmukh Memorial Gold Medal
Vedang Dhirendra Asgaonkar; Roll No. 200050154
B.Tech. (Computer Science and Engineering)

Vidyasagar Nehra Gold Medal
Sunandinee Mehra; Roll No. 200040144
B.Tech. (Civil Engg.)

Prof Madhav Kulkarni Lt. Col.(R) Gold Medal
Sunandinee Mehra; Roll No. 200040144
B.Tech. (Civil Engg.)

Hindi Vidya Bhavan Gold Medal
Deepak Duttatreya Padhi; Roll No.22M2334
Master of Business Administration

Rajit Bhagwati Memorial Gold Medal
Gurram Lokesh Kumar; Roll No. 22M1429
M.Tech. (Environmental Science and Engineering)

Abhijeet Banerjee SJMSOM Silver Medal
Abhimanyu Yadav; Roll No.22M2303
Master of Business Administration

PRIZES

Prof K C Mukherji Award
Aditya Sriram; Roll No.200070004
Tanmay Dokania; Roll No.200070083

Tulsiram Devidayal, P.M. Natu, Damle Trust Prize
Kaivaly Sanjay Daga; Roll No.200100078

**Prof. R.P. Singh Memorial Prize
(B.Tech / 2 Yr. M.Sc.)**
Shashwat Chakraborty; Roll No. 200260049
Amanaganti Rohan Ganesh; Roll No. 22N0271

Chandrashekhar Prize
Palak Bhavesh Vora; Roll No. 200020086

Shri R Vembu Iyer Memorial Prize
Megh Mandar Kanvinde; Roll No. 22N0191

Dilip R Limaye Academic Excellence Award
Vedang Dhirendra Asgaonkar; Roll No. 200050154

Prof. A.B. Biswas Memorial & Shri Prakash Krishnan Award (M.Sc.)
Alok Apan Swatiputra; Roll No. 22N0165

Dr. Gargi Vishnoi Memorial Prize
Deeptarup Biswas; Roll No. 184303022

Prof. Hiralal Memorial Award
Nilarun Koley; Roll No. 22N0164

Shri Ashok Chaturvedi Memorial Prize (M.Tech)
Shahid Ahmed; Roll No. 22M1626
Parekh Tushar Dilip; Roll No. 22M1635

Prabhulal Bhatnagar Memorial Prize
Wasim Akram; Roll No.174090001

Prof. M.N. Gopalan Prize (M.Sc.)
Wabale Mayuri Vijay; Roll No. 22N0048

Ajit Shelat Award
Khetan Bhumika Sanjay; Roll No.22M0754
Neralla Manikanta; Roll No. 22M1115

Bhavesh Gandhi Memorial Prize
Kushal Kejriwal; Roll No.190110040

Bhavesh Gandhi Memorial Prize
Immanuel Jeremy Christen Miranda; Roll No. 22N0327

Akshay Dhoke Memorial Award
Raut Atharva Vidyanand; Roll No.190070050

Prof. K.C. Khilar PhD Award
Naveen Rohilla; Roll No.164026007

R. G. Manudhane PhD Excellence Award
Om Prakash; Roll; No.164020010
Bachal Ketaki Jitendra; Roll No.174026010

R.G. Manudhane M.Tech student Excellence Award Best M.Tech Thesis
Dasari Abhi Manjunath; Roll No.190020036

Mr. Pranab Ranjan Sen Award
Joshi Soham Sagar; Roll No. 200110051

Shubhada Mulekar Joshi Award
Srishti Goswami; Roll No. 22N0115

Prof. S N Sinha Memorial Award
Satyam Rath; Roll No. 200110100

Dr. P.V. Sukhatme Memorial Award
Jaskaran Singh; Roll No. 22N0243

Dr. P.V. Sukhatme Memorial Award
Supriya Mandal; Roll No.22N0263

Dr. P.V. Sukhatme Memorial Award
Wabale Mayuri Vijay; Roll No.22N0048

Dr. P.V. Sukhatme Memorial Award
Piyush Kumar; Roll No.22N0061

S C Mehrotra Prize
Sunandinee Mehra; Roll No.200040144

K Seshia Research Excellence Award
Sagnik Banerjee; Roll No.200260044

Ramesh Chandra Sinha Academic Excellence Award
Kanishka Mittal; Roll No. 200050058

Manorama Sinha Academic Excellence Award
Sunandinee Mehra; Roll No. 200040144

Malini Vyavahare (Indore) Memorial award
Gupte Nihar Mahesh; Roll No. 213070002

Digamber & Nilima Joshi Award
Dhanashree Amol Lele; Roll No.174088003

Mrs. Charusheela Dange Award
Devashish Shah; Roll No. 200260015

Baishnab and Kasturi Academic Excellence Award
Thammina Kiran; Roll No.22M1343

Prashant Dave Best PhD Thesis Award
Mousumi Ghosh; Roll No.164400004

Smt. Vulavala Mangatayaru Memorial Award
Bandi Bharathi; Roll No.174020015

Smt. Vulavala Mangatayaru Memorial Award
Preety Kumari; Roll No.164020005

Shri Anil Kushalchand Hirani Award
Sarthak Jain; Roll No.20B030032

Shri Anil Kushalchand Hirani Award
Kedar Praveenkumar Waychal; Roll No.19B030013

Amrutha Award
Priyanka Bhausaheb Gorade; Roll No.22M0210

Mrs. Sarla Doshi Awards - 1
Bachal Ketaki Jitendra; Roll No.174026010
Preety Kumari; Roll No.164020005

Mrs. Sarla Doshi Awards - 2
Shubhank Sherekar; Roll No.174023002

Evonik - Grow Beyond Yourself Excellence Award in Chemistry – B.Sc
Manas Nagda; Roll No.20B030024

Evonik - Grow Beyond Yourself Excellence Award in Chemistry – B.Sc
Nandini Kriplani; Roll No.20B030026

Evonik - Grow Beyond Yourself Excellence Award in Chemistry – M.Sc
Nilarun Koley; Roll No.22N0164

Evonik - Grow Beyond Yourself Excellence Award in Chemistry – M.Sc
Jyotirsikha Dalal; Roll No.22N0166

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Organic)
Diksha Rai; Roll No.174033005

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Organic)
Sontakke Geetanjali Sadashiv; Roll No.164033045

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Inorganic)
Asmita Sen; Roll No.164030001

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Inorganic)
Reshma Jose; Roll No.164033005

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Physical)
Ananya Sah; Roll No.174033034

Evonik - Grow Beyond Yourself Excellence Award in Chemistry- Ph.D (Physical)
Aarti; Roll No.184030003

Dr. Niren Laxmichand Nagda Award
Chaitanya Ramprasad; Roll No. 200020043
Sumit Kumar; Roll No. 200020145

IEOR Alumnus Endowment: Excellence in Doctoral Dissertation Award
Prashant Trivedi; Roll No.16I190006

IEOR Alumnus Endowment: Best Masters' Thesis Award
Kiran Prakash E C; Roll No. 22M1514

IEOR Alumnus Endowment: Best UG Research Award
Sayannil Das; Roll No. 200040131

The Chemours Future of Chemistry Award IITB
Sumit Kumar; Roll No. 200020145

Suhas Kakde Top Graduating Product Designer Prize
Rijesh K; Roll No. 22M2224

Suhas Kakde Top Graduating Graphic Designer Prize
Banasmita Das; Roll No. 22M2275

A. Parthasarathy-G Shanmugam Award in Sedimentology and Petroleum Geology
Arghadeep Das; Roll No. 22M0932

Dr. Manu Akula Memorial Award for Academic Excellence in CTaM
Sunandinee Mehra; Roll No. 200040144

Dr. Manu Akula Memorial Award for Academic Excellence in CTaM
Raghav Rander; Roll No. 200040113

The following students are awarded the academic prizes for the year 2023-2024 on the basis of their academic performance (average weighted SPI) during last two semesters.

II Year B.Tech. / Dual Degree / BS (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Programme	Department
1	23B0944	Aayush Martand Borkar	I	Rs. 3000	B.Tech.	Computer Science and Engineering
2	23B3986	Pranjal Patel	I	Rs. 3000	Dual Degree	Electrical Engineering
3	23B2215	Aagam Sheetalkumar Kasaliwal	I	Rs. 3000	B.Tech.	Mechanical Engineering
4	23B1266	Apoorv Goyal	I	Rs. 3000	B.Tech.	Electrical Engineering
5	23B1034	Malay Kedia	I	Rs. 3000	B.Tech.	Computer Science and Engineering
6	23B0994	Vavilala Chidvilas Reddy	I	Rs. 3000	B.Tech.	Computer Science and Engineering
7	23B1045	Niral Charan	II	Rs. 2000	B.Tech.	Computer Science and Engineering
8	23B1208	Amrutanshu Mohanty	Additional	Rs. 2000	B.Tech.	Electrical Engineering
9	23B1259	Mehta Stavan Dhaval	Additional	Rs. 2000	B.Tech.	Electrical Engineering
10	23B1242	Kundan Maiti	Additional	Rs. 2000	B.Tech.	Electrical Engineering
11	23B0901	Kaushal Vijayvergiya	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
12	23B2167	Shamik Sandip Banerjee	Additional	Rs. 2000	B.Tech.	Mechanical Engineering
13	23B1033	Chinthaparthi Babu Sujan Reddy	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
14	23B1273	Jigar Nikhil Mehta	Additional	Rs. 2000	B.Tech.	Electrical Engineering
15	23B3306	Arrol Sebastian Noronha	Additional	Rs. 2000	Four Year B.S.	Mathematics
16	23B1252	Manan Garg	Additional	Rs. 2000	B.Tech.	Electrical Engineering
17	23B0948	Kritin Gupta	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
18	23B1044	Moulik Jindal	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
19	23B3947	Arnav Akshaya Bhate	Additional	Rs. 2000	Dual Degree	Electrical Engineering
20	23B2203	Varun Rajesh Inamdar	Additional	Rs. 2000	B.Tech.	Mechanical Engineering
21	23B2233	Dev Dharmesh Suthar	Additional	Rs. 2000	B.Tech.	Mechanical Engineering
22	23B1079	Sumedh S S	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
23	23B0942	Dhruv Sanjay Jain	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering

24	23B0940	Aditya Neeraje	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
25	23B1290	Matam Kushaal	Additional	Rs. 2000	B.Tech.	Electrical Engineering
26	23B1029	Karedla Balaji	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
27	23B1225	Advay Bapat	Additional	Rs. 2000	B.Tech.	Electrical Engineering
28	23B1205	Shaileshram Sivakumar	Additional	Rs. 2000	B.Tech.	Electrical Engineering
29	23B1015	Pinnu Shasank Reddy	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
30	23B0986	Tanishq Mahesh Mandhane	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
31	23B1211	Aboli Ganesh Malshikare	Additional	Rs. 2000	B.Tech.	Electrical Engineering
32	23B0923	Abhineet Majety	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
33	23B0989	Gaurav Kumar	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
34	23B0351	Sai Sandeep Tambaku	Additional	Rs. 2000	B.Tech.	Chemical Engineering
35	23B1006	Sandeep Reddy Nallamilli	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
36	23B1299	Suketu Parag Patni	Additional	Rs. 2000	B.Tech.	Electrical Engineering
37	23B1062	Ramesh Surya Theja	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
38	23B1824	Advant Arnav Suhas	Additional	Rs. 2000	B.Tech.	Engineering Physics
39	23B1085	Harith S	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
40	23B1210	Aminesh Gogia	Additional	Rs. 2000	B.Tech.	Electrical Engineering
41	23B1207	Pendela Harshith	Additional	Rs. 2000	B.Tech.	Electrical Engineering
42	23B1858	Aadi Suketu Bharatia	Additional	Rs. 2000	B.Tech.	Engineering Physics
43	23B3927	Adi Gupta	Additional	Rs. 2000	Dual Degree	Electrical Engineering
44	23B1848	Soham Sahasrabuddhe	Additional	Rs. 2000	B.Tech.	Engineering Physics
45	23B1043	Yash Vikas Sabale	Additional	Rs. 2000	B.Tech.	Computer Science and Engineering
46	23B1202	Pamarthi Harsha Sai Srinivas	Additional	Rs. 2000	B.Tech.	Electrical Engineering
47	23B1809	Abhinav Bijlani	Additional	Rs. 2000	B.Tech.	Engineering Physics

III Year B.Tech. Branchwise (2022 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	22B0068	Anushka Verma	I	Rs. 3000	Aerospace Engineering
2	22B0045	Ananya Vijaykumar Chavadhal	II	Rs. 2000	Aerospace Engineering
3	22B2403	Kadambari Umesh Bhide	I	Rs. 3000	Chemical Engineering
4	22B0314	Pranjal Tandon	II	Rs. 2000	Chemical Engineering
5	22B0645	Nikhil Kedia	I	Rs. 3000	Civil Engineering
6	22B2545	Paarth Sonone	II	Rs. 2000	Civil Engineering
7	22B0926	Rishabh Raj Prakash	I	Rs. 3000	Computer Science and Engineering
8	22B1073	Thomas Biju Cheeramvelil	II	Rs. 2000	Computer Science and Engineering
9	22B3913	Samar Perwez	I	Rs. 3000	Electrical Engineering
10	22B0396	Vatsal Melwani	I	Rs. 3000	Electrical Engineering
11	22B1260	Harshil Singla	II	Rs. 2000	Electrical Engineering
12	22B1513	Avanti Harshad Kulkarni	I	Rs. 3000	Energy Science and Engineering
13	22B1542	Jay Jitesh Joshina	II	Rs. 2000	Energy Science and Engineering
14	22B1825	Siddhartha Rajeev	I	Rs. 3000	Engineering Physics
15	22B1802	Kshitij Bahadarpurkar	II	Rs. 2000	Engineering Physics
16	22B1848	Kanishk Modi	II	Rs. 2000	Engineering Physics
17	22B2109	Niveditha V Nair	I	Rs. 3000	Mechanical Engineering
18	22B2429	Parulekar Ved Santosh	II	Rs. 2000	Mechanical Engineering
19	22B2205	Vedant Avinash Tayade	II	Rs. 2000	Mechanical Engineering
20	22B2540	Anuj Anna Waje	I	Rs. 3000	Metallurgical Engineering and Materials Science
21	22B2415	Atharv Jain	II	Rs. 2000	Metallurgical Engineering and Materials Science

III Year Dual Degree Branchwise (2022 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	22B3914	Aman Rishal.C.H.	I	Rs. 3000	Electrical Engineering
2	22B3927	Aryan Tamboli	II	Rs. 2000	Electrical Engineering
3	22B4224	Vaibhav Narendra Chand	I	Rs. 3000	Environmental Science and Engineering
4	22B4249	Kumud Mantri	II	Rs. 2000	Environmental Science and Engineering
5	22B4521	Vinayak Bhamblani	I	Rs. 3000	Mechanical Engineering

III Year BS Branchwise (2022 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	22B2736	Suketu Datta	I	Rs. 3000	Chemistry
2	22B2729	Palak Sanadhya	II	Rs. 2000	Chemistry
3	22B3002	Pranjal Deshmukh	I	Rs. 3000	Economics
4	22B3003	Rishi Daga	II	Rs. 2000	Economics
5	22B3324	Mahavir Gandhi	I	Rs. 3000	Mathematics

IV Year B.Tech. Branchwise (2021 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	210010073	Vighnesh J R	I	Rs. 3000	Aerospace Engineering
2	210010038	Lagnesh Mahapatra	II	Rs. 2000	Aerospace Engineering
3	210020123	Seksaria Saurish Deviprakash	I	Rs. 3000	Chemical Engineering
4	210021002	Hari Ramakrishnan Sudhakar	II	Rs. 2000	Chemical Engineering
5	210040137	Sanidhya Garg	I	Rs. 3000	Civil Engineering
6	210040122	Rekha Sharma	II	Rs. 2000	Civil Engineering
7	210051003	Krishna Narasimhan Agaram	I	Rs. 3000	Computer Science and Engineering
8	210050048	Duggineni Venkata Paneesh	I	Rs. 3000	Computer Science and Engineering
9	210070014	Atharva Abhijit Tambat	II	Rs. 2000	Computer Science and Engineering
10	21D070079	Tamojeet Roychowdhury	I	Rs. 3000	Electrical Engineering
11	21D070051	Pratham Kheskwani	I	Rs. 3000	Electrical Engineering
12	210071001	Jainesh Manish Mehta	I	Rs. 3000	Electrical Engineering
13	210070026	Dharod Sahil Nilesh	II	Rs. 2000	Electrical Engineering
14	210260035	Navdha	I	Rs. 3000	Engineering Physics
15	210260038	Pal Aggarwal	I	Rs. 3000	Engineering Physics
16	210260034	Nahush Rajesh Kolhe	II	Rs. 2000	Engineering Physics
17	210100025	Arnav Jaideep Kalgutkar	I	Rs. 3000	Mechanical Engineering
18	210100059	Ganesh Iyer	II	Rs. 2000	Mechanical Engineering
19	210110017	Ameer Hamzah	I	Rs. 3000	Metallurgical Engineering and Materials Science
20	210110052	Jai Devang Shah	II	Rs. 2000	Metallurgical Engineering and Materials Science

IV Year Dual Degree Branchwise (2021 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	21B090004	Aparna Agrawal	I	Rs. 3000	Electrical Engineering
2	21D070024	Deshpande Varad Shailesh	II	Rs. 2000	Electrical Engineering
3	21D170032	Priyadarshini Kamat	I	Rs. 3000	Energy Science and Engineering
4	21D170025	Mathukiya Meetkumar Mahesh	II	Rs. 2000	Energy Science and Engineering
5	21D180029	Parth Kapil Sanghavi	I	Rs. 3000	Environmental Science and Engineering
6	21D180025	Neha Keshri	II	Rs. 2000	Environmental Science and Engineering

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
7	21D100023	Vora Jay Bhaveshbhai	I	Rs. 3000	Mechanical Engineering
8	21D100016	Patil Kush Shriram	II	Rs. 2000	Mechanical Engineering
9	21D110011	Om Nagalkar	I	Rs. 3000	Metallurgical Engineering and Materials Science

IV Year BS Branchwise (2021 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	21B080018	Himank Gupta	I	Rs. 3000	Economics
2	210040118	Priyanshi Garg	II	Rs. 2000	Economics
3	21B090022	Om Swostik Mishra	I	Rs. 3000	Mathematics
4	210110104	Sooraj A P	II	Rs. 2000	Mathematics

V Year B.S.+ M.Sc. Dual Degree Branchwise (2020 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	20B030010	Aryan Gupta	I	Rs. 3000	Chemistry

V Year Dual Degree (B.Des.+M.Des.) Branchwise (2020 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	20U130010	Nivea Choudhary	I	Rs. 3000	IDC

V Year Dual Degree Branchwise (2020 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	200040133	Shashank Nyol	I	Rs. 3000	Civil Engineering
2	20D070067	Sameep Chattopadhyay	I	Rs. 3000	Electrical Engineering
3	200070067	Rajput Nikhileshsing Kailassing	I	Rs. 3000	Electrical Engineering
4	20D070071	Sanket Rajendra Potdar	II	Rs. 2000	Electrical Engineering
5	20D170024	Nikita Sharma	I	Rs. 3000	Energy Science and Engineering
6	20D170043	Vedant Khokher	II	Rs. 2000	Energy Science and Engineering
7	20D180023	Pranav Pravin Chaudhari	I	Rs. 3000	Environmental Science and Engineering
8	20D180019	Manasi Pawar	II	Rs. 2000	Environmental Science and Engineering
9	200100072	Jacob Thomas Sony	I	Rs. 3000	Mechanical Engineering
10	20D100001	Aaditya Pratap Singh Magon	II	Rs. 2000	Mechanical Engineering
11	20D110015	Prajwal Maheshwari	I	Rs. 3000	Metallurgical Engineering and Materials Science

V Year IDDDP Branchwise (2018 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	200100166	Vedang Gupta	I	Rs. 3000	Electrical Engineering
2	200100173	Yash Choudhary	I	Rs. 3000	Mechanical Engineering

II Year M.Sc. (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23N0006	Dhananjoy Mandal	I	Rs. 3000	Applied Geophysics
2	23N0142	Lakshya Agarwal	I	Rs. 3000	Chemistry
3	23N0166	Rohel Hoque	II	Rs. 2000	Chemistry
4	23N0197	Samrat Sarkar	I	Rs. 3000	Earth Sciences
5	23N0191	Angana Mazumdar	II	Rs. 2000	Earth Sciences
6	23N0459	T Karthik Rajendran	I	Rs. 3000	IEOR

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
7	23N0299	Vishnu Kumar	I	Rs. 3000	Physics
8	23N0307	Mangol Das	II	Rs. 2000	Physics
9	23N0096	Ayush Juneja	I	Rs. 3000	Biosciences and Bioengineering
10	23N0116	Proma Banerjee	II	Rs. 2000	Biosciences and Bioengineering
11	23N0041	Yalla Chandra Sri Veerendra	I	Rs. 3000	Statistics
12	23N0079	Swastik Bhowmick	II	Rs. 2000	Statistics
13	23N0253	Rohan Bajaj	I	Rs. 3000	Mathematics
14	23N0257	Harshita Shukla	II	Rs. 2000	Mathematics

II Year M.Tech. (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23M0040	Sayeesh T M	I	Rs. 3000	Aerospace Engineering
2	23M0046	Kshitiz Saraswat	II	Rs. 2000	Aerospace Engineering
3	23M0121	Priyanshu Gupta	I	Rs. 3000	Biosciences and Bioengineering
4	23M0131	Rachita Sharma	II	Rs. 2000	Biosciences and Bioengineering
5	23M0206	Ayadi Mishra	I	Rs. 3000	Centre for Technology Alternatives for Rural Areas
6	23M0261	Varun Phadke	I	Rs. 3000	Centre for Urban Science and Engineering
7	23M0305	Narasimha Rao Chunchu	I	Rs. 3000	Centre of Studies in Resources Engineering
8	23M0317	Gh Mustuffa Lone Alias Kaloo	II	Rs. 2000	Centre of Studies in Resources Engineering
9	23M0385	Kartik Kumar Goyal	I	Rs. 3000	Chemical Engineering
10	23M0565	Shubhashish Saha	I	Rs. 3000	Civil Engineering
11	23M0573	Shivam Kartikeyan Atal	I	Rs. 3000	Civil Engineering
12	23M0555	Kamidi Nitesh Reddy	II	Rs. 2000	Civil Engineering
13	23M0756	Swetha M	I	Rs. 3000	Computer Science and Engineering
14	23M0750	Nitish Tirumaleshwar Bhat	II	Rs. 2000	Computer Science and Engineering
15	23M0924	Akshi Goel	I	Rs. 3000	Earth Sciences
16	23M0923	Sushrita Dutta	II	Rs. 2000	Earth Sciences
17	23M1021	Ganesh Beniwal	I	Rs. 3000	Educational Technology
18	23M1200	S Naresh	I	Rs. 3000	Electrical Engineering
19	23M1123	Pasham Pranay	I	Rs. 3000	Electrical Engineering
20	23M1204	Kare Mounika	I	Rs. 3000	Electrical Engineering
21	23M1079	Ghosh Devayan Barindranath	II	Rs. 2000	Electrical Engineering
22	23M1153	Mohammed Ayaz Mohammed Qamar Quadri	II	Rs. 2000	Electrical Engineering
23	23M1343	Kadu Digvijaysinh Samirsinh	I	Rs. 3000	Energy Science and Engineering
24	23M1426	Khyati Upadhyay	I	Rs. 3000	Environmental Science and Engineering
25	23M1503	Pulkit Khandelwal	I	Rs. 3000	Industrial Engineering and Operations Research
26	23M1513	Jishnu N	II	Rs. 2000	Industrial Engineering and Operations Research
27	23M1583	Meghraj Prajapat	I	Rs. 3000	Materials, Manufacturing and Modelling
28	23M1632	Kushire Sayalee Vaibbhav	I	Rs. 3000	Mechanical Engineering
29	23M1712	Aman Kumar	II	Rs. 2000	Mechanical Engineering
30	23M1872	Ajay Kumar	I	Rs. 3000	Metallurgical Engineering and Materials Science
31	23M1863	S Kiran Chavan	I	Rs. 3000	Metallurgical Engineering and Materials Science
32	23M1828	Udaykumar Abhaykumar Vadecha	II	Rs. 2000	Metallurgical Engineering and Materials Science
33	23M2003	Nallae Bhimeswara Gowtham Saikumar Swamy	I	Rs. 3000	Systems and Control Engineering

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II Year M.Des. (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23M2205	Aritra Guha Ray	I	Rs. 3000	IDC
2	23M2223	Adhithya Vishnu M	II	Rs. 2000	IDC

II Year Master of Arts By Research (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23N0523	Sashwat S R	I	Rs. 3000	Humanities and Social Sciences

II Year Master of Business Administration (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23M2310	Aditya Paresh Ladhad	I	Rs. 3000	SJMSOM

II Year Master of Science By Research (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23M2157	Soumen Kumar Mondal	I	Rs. 3000	Centre for Machine Intelligence and Data Science
2	23M2101	Sarvam Maheshwari	I	Rs. 3000	Computer Science and Engineering

II Year MPP (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize	Department
1	23M2515	S. Ruth Hoihngaihlun Simte	I	Rs. 3000	Ashank Desai Centre for Policy Studies

II Year B. Des. (2023 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize
1	23B3634	Upasana R	I	Rs. 3000
2	23B3628	Shaurya Nitin Khobragade	II	Rs. 2000

III Year B. Des. (2022 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize
1	22B3612	Yuva Anand Gharat	I	Rs. 3000
2	22B3635	Kimaya Amit Itkarkar	II	Rs. 2000
3	22B3618	Manya Wahi	II	Rs. 2000

IV Year B. Des. (2021 Batch)

Sr. No.	Roll No.	Name	Prize	Value of prize
1	21U130013	Uday Somani	I	Rs. 3000
2	21U130021	Arijeet Nandy	II	Rs. 2000

	Other Prizes			
Sr. No.	Name of the Prize	Roll No.	Name of the Awardee	Total Amount
1	Shri Rakesh Mathur Excellence Award	21D070079	Tamojeet Roychowdhury	Rs. 100000 IV Yr. UG Student
2	Shri T.K. Subramanian Prize For Academic Excellence	210100144	Shubhranil Chatterjee	Rs. 10000 IV Yr. B.Tech. Mechanical Engineering
3	Urvish Medh Memorial Prize (For Electrical Engineering)	24B1214	Shawn Thomas Koshy	Rs.10000 I Yr. B.Tech. Electrical Engineering
		23B1266	Apoorv Goyal	Rs. 10000 II Yr. B.Tech. Electrical Engineering
		22B3913	Samar Perwez	Rs. 10000 III Yr. B.Tech. Electrical Engineering
		21D070079	Tamojeet Roychowdhury	Rs. 10000 IV Yr. B.Tech. Electrical Engineering
4	Prof. M.N. Vartak Memorial Prize	23N0041	Yalla Chandra Sri Veerendra	Rs. 10000 II Yr. M.Sc. Applied Statistics and Informatics
5	Mrs. Rama Mathur Memorial Prize	23N0253	Rohan Bajaj	Rs. 10000 II Yr. M.Sc. Mathematics
6	Aditya Choubey Memorial Prize	23B1266	Apoorv Goyal	Rs. 10000 II Yr. B.Tech. Electrical Engineering
7	S C Mehrotra Prize	22B0763	Aadishree Srivastava	Rs. 10000 Topper of II Yr B.Tech Civil Engineering
		210040137	Sanidhya Garg	Rs. 10000 Topper of III Yr B.Tech Civil Engineering
8	Prof. A.K. Mallik Award	210110068	K Sabita	Rs. 10000 IV Yr. B.Tech./ Dual Degree Metallurgical Engineering and Materials Science
9	Shri Ram Kumar Gupta Merit Award	210021002	Hari Ramakrishnan Sudhakar	Rs. 10000 IV Yr. B.Tech Chemical Engineering (Topper)
10	Shrimati Prakashvati Devi Gupta Merit Award	210020138	Spruha Prabhanjan Sarnaik	Rs. 10000 IV Yr. B.Tech Chemical Engineering (2nd Highest)
11	Praj Industries Academic Excellence Award	21D170032	Priyadarshini Kamat	Rs. 30000 Topper in 3rd yr (VI semester) UG programme in Energy Science and Engineering
		23M1343	Kadu Digvijaysinh Samirsinh	Rs. 30000 Topper in 1st yr. (II semester) Masters programme in Energy Science Engineering
12	Late Prof. R. Subrahmonia Ayyar Academic Excellence Award	210040122	Rekha Sharma	Rs. 15000 (Topper female student in B.Tech 3rd year Civil Engineering)
		23M0576	Patil Samruddhi Madhukar	Rs. 15000 (Topper female student in M.Tech 1st year Civil Engineering)
13	B.K.Nilakhe award	22B0652	Disha Zaveri	Rs. 10000 (Topper female student in B.Tech. 2nd year Civil Engineering)

Sr. No.	Name of the Prize	Roll No.	Name of the Awardee	Total Amount
14	Smt. Jayalakshmi & Shri R. Narasimhan Award	23M0565	Shubhashish Saha	Rs. 12500 (Topper student in M.Tech. 1st year Civil Engineering)
		23M0573	Shivam Kartikeyan Atal	Rs. 12500 (Topper student in M.Tech. 1st year Civil Engineering)
15	Smt. Andal & Shri N.P. Narayanan Award	23M0555	Kamidi Nitesh Reddy	Rs. 20000 (2 nd student in M.Tech. 1st year Civil Engineering)
16	Kanitkar 4th year Merit Award	210040137	Sanidhya Garg	Rs. 2.5 lakh (Topper student in B.Tech. 3rd year Civil Engineering)
17	Kanitkar 3rd year Merit Award	22B0763	Aadishree Srivastava	Rs. 2.5 lakh (Topper student in B.Tech. 2nd year Civil Engineering)
18	The Chemours Future of Chemistry Award IITB	23B0351	Sai Sandeep Tambaku	Rs. 270000 (Topper student in B.Tech. 1st year Chemical Engineering)
		22B2403	Kadambari Umesh Bhide	Rs. 270000 (Topper student in B.Tech. 2nd year Chemical Engineering)
		210021002	Hari Ramakrishnan Sudhakar	Rs. 270000 (Topper student in B.Tech. 3rd year Chemical Engineering)
19	Shri Anil Kushalchand Hirani Award	22B2736	Suketu Datta	Rs. 35000 (2nd year B.S. Topper)
		21B030016	Ishita Poddar	Rs. 35000 [3rd year B.S. Topper (only two semesters of 3rd year will count)]
		23N0142	Lakshya Agarwal	Rs. 35000 (M.Sc. 1st year Topper)
20	Prof. T S Raghunathan Awards - 1	22B0431	Aditya Kumar	Rs. 25000 [Best UG students (highest total course marks) in the thermodynamics course]
		22B0380	Kriday Parmar	Rs. 25000 [Best UG students (highest total course marks) in the thermodynamics course]
21	Prof. T S Raghunathan Awards - 2	22B0431	Aditya Kumar	Rs. 25000 [Best UG students (highest total course marks) in the Reaction Engineering]
		22B0380	Kriday Parmar	Rs. 25000 [Best UG students (highest total course marks) in the Reaction Engineering]
22	Indira Manudhane Student Excellence Award	200020090	Parth Manish Dani	Rs. 20000 (Commendable academic performance with strong participation in extracurricular activities and intergrity)
23	Mrs. Sarla Doshi Awards - 2	184020014	Aditya Kumar	Rs. 12500 (Best published paper in fundamental research by a Ph.D. student in Department Chemical Engineering)
24	Mainak Das Excellence in Publication Award	204401001	Roshan Jha	Rs. 25000 (Best Ph.D. publication in Climate Studies)

IIT Bombay Ranked Third In The Overall Category In National Institutional Ranking Framework (NIRF) 2024

IIT Bombay has been ranked **third** in the **Overall category**, **third** in **Engineering**, **tenth** in **Management**, **fourth** in **Research** and **first** in the **Innovation** category. The result of 9th edition of NIRF rankings 2024 was announced by the Hon'ble Union Minister of Education, Government of India **Mr. Dharmendra Pradhan** on 12th August, 2024.

The parameters used for NIRF rankings include Teaching, Learning and Resources, Research and Professional Practice, Graduation Outcomes, Outreach and Inclusivity and Perception.

Prof. Rohit Srivastava Wins Rashtriya Vigyan Puraskar-Vigyan Shri 2024 Award

Hon'ble President of India **Smt. Droupadi Murmu** conferred the prestigious **Rashtriya Vigyan Puraskar - Vigyan Shri** award instituted by Government of India to **Prof. Rohit Srivastava** from the Department of Biosciences and Bioengineering, IIT Bombay during Rashtriya Vigyan Puraskar-2024 award ceremony held at Rashtrapati Bhavan on 22nd August, 2024.

This eminent recognition is a deserved tribute to his outstanding contributions in science and technology in the area of Technology and Innovation. The award consists of a certificate signed by the President of India and a medallion.

Prof. Vikram Vishal Conferred With National Geoscience Award 2023

Hon'ble President of India **Smt. Droupadi Murmu** conferred the prestigious **National Geoscience Award 2023** to **Prof. Vikram Vishal,** Department of Earth Sciences, IIT Bombay, in the field of Applied Geology in a ceremony held at the Rashtrapati Bhavan on 20th August, 2024.

This award recognises Prof. Vishal's landmark contributions in reservoir geomechanics, geological carbon dioxide sequestration and unconventional petroleum systems. The award carries a cash prize of Rs. 3.0 Lakhs and a citation.

An alumnus of IIT Bombay, two-time Fulbright Award and three-time National Award recipient, Prof. Vishal brings deep technical expertise in carbon dioxide capture and storage, that's helping shape India's climate mitigation strategy and efforts.

Celebration Of 78th Independence Day With Patriotic Fervour

Director of IIT Bombay Prof. Shireesh Kedare felicitating the Chief Guest and Institute alumnus Mr. Deepak Satwalekar

Felicitation of Retd. Mr. Prem Bahadur Gangabir Pun, Sr. Multi-skilled Assistant, Department of Civil Engineering to mark his 40 years of service

Prof. Shireesh Kedare, Director, IIT Bombay saluting the National Flag

IIT Bombay functionaries along with the Chief Guest during tree plantation on occasion of Independence Day

The 78th Independence Day celebrations was filled with patriotic fervour in IIT Bombay featuring flag hoisting, rallies, cultural programmes and tributes.

The celebrations began with the hoisting of the National Flag by **Prof. Shireesh Kedare**, Director of IIT Bombay at 9:00 am, near the iconic arch facing the Nandan Nilekani Main Building. The hoisting was followed by his address to the gathering, in presence of the Chief Guest Institute alumnus **Mr. Deepak Satwalekar** [B.Tech. (Hons)., Mechanical Engineering, 1971)].

In his speech, Prof. Kedare extended warm greetings to the IIT Bombay community and highlighted the Institute's recent achievements and milestones. He also emphasized the significance of the ongoing 'Azadi Ka Amrit Mahotsav' celebrations, which commemorates 78 years of India's progressive independence.

On the occasion, the Director and Chief Guest felicitated **Mr. Prem Bahadur Gangabir Pun,** Sr. Multi-skilled Assistant, Department of Civil Engineering for completing 40 years of service in the Institute.

The event also featured a student cultural programme and a tree plantation drive to symbolize growth and unity. Furthermore, the '**Har Ghar Tiranga'** campaign was promoted, with campus residents hoisting the National Flag in their homes and capturing selfies at the dedicated selfie booth near the flag hoisting arch.

The ceremony was well-attended by faculty, staff, students and was broadcast live on the Institute's YouTube channel.

The Institute's campus was decorated with tricolour lights, adding to the festive atmosphere.

IIT Bombay Celebrates Van Mahotsav

Van Mahotsav – the annual tree plantation drive, was celebrated on 28th July, 2024, at the Lake side road near the Jal Vihar guest house in the campus. On the occasion, **Chief Guest Mr Abhijit Bangar,** Additional Municipal Commissioner, Brihanmumbai Municipal Corporation (BMC) spoke on relevance of planting indigenous species of plants and importance of preserving older trees during any construction activity. He encouraged the student participants to develop an interest in building a greener and sustainable environment.

IIT Bombay functionaries including **Prof. Milind Atrey,** Deputy Director (Academics, Research and Translation); **Prof. K.V.K. Rao,** Deputy Director (Finance, Infrastructure and Administration); **Prof. K.P. Kaliappan,** Dean (Strategy); **Prof. Vedagiri Perumal,** Dean- IPS (Infrastructure, Planning and Support); **Prof. Anurag Garg**, Associate Dean (IPS–III); **Prof. Venkata Santosh Kumar Delhi,** Associate Dean (IPS–I); IIT

Felicitation of the Chief Guest by Prof. K.V. K. Rao, Deputy Director (Finance, Infrastructure and Administration) and Prof. Milind Atrey, Deputy Director (Academics, Research and Translation)

Bombay faculty, staff, students along with teachers and students of Kendriya Vidyalaya and Campus School participated in the drive.

Cultural performances by the students of **Campus School and Kendriya Vidyalaya**, highlighting the importance of trees in our lives, were much appreciated by the gathering. The event was organized by the Horticulture Section of the Estate Office, IIT Bombay.

On the occasion, student volunteers from **Team Abhyuday** extended this drive outside campus by planting **1500 saplings of 56 varieties** with the help of local volunteers as part of '**Green Earth Campaign'** in Marol, Mumbai. This initiative aimed to promote environmental sustainability, enhance biodiversity and combat climate change by enriching our green cover.

The new sustainability policy of IIT Bombay is available at: https://www.iitb.ac.in/deanpl/pho/sp.pdf

Chief Guest Mr. Abhijit Bangar, Additional Municipal Commissioner, BMC planted a sapling near Jal Vihar guest house along with IIT Bombay functionaries

Celebration of National Engineer's Day

IIT Bombay celebrated the **National Engineer's Day** on 15th September 2024 in honor of **Sir M. Visvesvaraya,** a renowned Indian engineer and statesman.

Mr. P R K Murthy, former Director, Metro Projects - MMRDA (Mumbai Metropolitan Region Development Authority) was the Chief Guest on the occasion.

Partition Horrors Remembrance Day 2024

Students of Kendriya Vidyalaya and Campus School during Partition Horrors Remembrance Day

IIT Bombay observed the **'Partition Horrors Remembrance Day'** on 14th August, 2024, commemorating the victims and sufferings of people during the 1947 partition of India.

To mark the occasion, a digital exhibition curated jointly by the Indian Council of Historical Research (ICHR) and the Indira Gandhi National Centre for the Arts (IGNCA) was organized in the foyer of the VMCC.

Faculty, staff and students of the Institute, PM SHRI KV IIT Powai and IIT Bombay Campus School & Jr. College visited the digital exhibition in large numbers.

IIT Bombay Hosts The First INUP User's Meet

Chief Guest Mr. S. Krishnan, Secretary, Ministry of Electronics and Information Technology (MeitY), Government of India, addressing the audience

IIT Bombay hosted the **first Indian Nanoelectronics Users Programme (INUP) User's Meet** on 10th August, 2024. INUP is a flagship program initiated by the Ministry of Electronics and Information Technology (MeitY) in 2008 at IIT Bombay and the Indian Institute of Science (IISc) and expanded to include IIT Guwahati, IIT Delhi, IIT Kharagpur and IIT Madras in 2021.

This programme opened up the MeitY-supported semiconductor nanofabrication facilities for usage by academic researchers, and lately startup companies, from across the country. It has also geared up these facilities to provide industrial training to serve the India Semiconductor Mission.

The Users' Meet, co-organized by the six INUP host institutes, celebrated the program's extensive achievements and outlined its future trajectory. The gathering was attended by over 350 participants including a multidisciplinary group of researchers, academicians and industry professionals who have benefitted from INUP since its inception.

The INUP Users' Meet was inaugurated by Chief Guest **Mr. S. Krishnan,** Secretary, Ministry of Electronics and Information Technology (MeitY), Government of India. The event featured prominent Guest of Honor, including **Dr. R. Chidambaram,** former Principal Scientific Advisor to the Government of India. **Prof. V. Ramgopal Rao,** the Group Vice-Chancellor of BITS Pilani, Ex Director of IIT Delhi, was also present.

A notable feature of the Meet was the *'Brainstorming Session: INUP of the Future'*, focusing on talent development for India's nanoelectronics/ semiconductor needs with experts emphasizing the need for deeper industry-academia collaboration, more sustained support for startups and developing a lot more certified training content for workforce development.

The Meet concluded with the felicitation of winners of the INUP Nanotech Hackathon, startup and academic users of INUP, for their achievements enabled by this programme.

Celebration Of National Space Day

IIT Bombay celebrated the first anniversary of **National Space Day (NSpD)** in commemoration of India's successful Chandrayaan-3 landing on the Moon. The theme was *"Touching Lives while Touching the Moon: India's Space Saga"*.

To celebrate and inspire the spirit of space science and technology among the students, the Institute organised various events as follows:

1. Symposium on Space Science Technology in association with Nehru Planetorium:

Prof. Milind Atrey, Deputy Director - ART (Academics, Research and Translation) and Professor of Mechanical Engineering Department, IIT Bombay, delivered a talk on "Cryogenics for Space"

Prof. Alok Porwal, Former head, IIT Bombay - ISRO Space, Technology Cell and Professor at Centre of Studies in Resource Engineering, IIT Bombay, delivered a talk on "Untangling the history of Mars through Remote Sensing"

2. Space Technology Exhibition:

IIT Bombay organised a 5-day-long exhibition highlighting the innovative approaches and technical advancements pursued by the Institute in space science and technology in the Convocation Hall foyer. **Prof. KVK Rao**, Deputy Director (Finance, Infrastructure and Administration), inaugurated the exhibition in presence of **Prof. Varun Bhalerao**, Department of Physics.

Various astronomical imaging and other technology were on display at the exhibition including:

- **Astrophotography Exhibition:** A stunning collection of celestial images, including those captured by team members of Krittika and selected works from professional astrophotographers offered by the organization "The Sky Explorers" offered a glimpse into the breathtaking beauty of the universe.

- **Technological Innovations:** The significant contributions of IIT Bombay's tech teams to emerging space technologies, their pioneering work representing the cutting edge of space exploration and technology was displayed.

- **Hardware Projects Display:** A specialized showcase featuring cutting-edge hardware projects in space technology developed by IIT Bombay professors was displayed.

Link to the photographs of exhibition: https://archive.library.iitb.ac.in/items/show/5282

3. Institute Talk:

An Institute talk titled *"Management of slosh in space"* by Prof. Prasanna Gandhi, Department of Mechanical Engineering, IIT Bombay was held on 23rd August, 2024.

The talk highlighted the work being done by Prof. Gandhi and featured his innovative discovery in space domain.

An effective Q&A session that followed the presentation gave the attendees valuable insights, making the event a success.

4. Competitions:

A series of thrilling competitions were organized by the Institute Technical Council, IIT Bombay, in collaboration with the Rocket Team, Mars Rover Team and the Student Satellite Program Team of IIT Bombay as follows:

1) *Habitat Module Design for Extraterrestrial Plant Growth and Soil Testing*

2) *Design and Implementation of Antennas for Tracking NOAA Satellites*

3) *Rocket Fin Actuation*

The winners of the competition were felicitated by **Prof. KVK Rao**, Deputy Director (Finance, Infrastructure and Administration) and **Prof. Upendra Bhandarkar**, Associate Dean (Research and Development), IIT Bombay.

Apart from the above, a series of social media posts highlighted the following key projects of IIT Bombay faculty in the space domain:

1. Remote Sensing Technology For Sustainable Agriculture by **Prof. Avik Bhattacharya**
2. Mapping Flood Risk at Village Level by **Prof. Subhankar Karmakar** and **Prof. Subimal Ghosh**
3. ISRO-Sponsored Mars Mission: Conceptual Design of a Solar-Powered Hybrid UAV by **Prof. Rajkumar S. Pant**
4. GROWTH-India: Pioneering the future of astronomy as India's first fully robotic optical research telescope by **Prof. Varun Bhalerao**
5. Advancing Martian Exploration: Valles Marineris UAV Mission by **Prof. Rajkumar S. Pan**t
6. Liquid Atomization In Rocket Injectors by **Prof. Hrishikesh Gadgil**
7. Planetary Environment Simulation Chamber by **Prof. Deepak Singh**
8. Daksha Mission: "Indian Eyes on Transient Skies" with the World's Most Sensitive Space Telescope by **Prof. Varun Bhalerao**

Celebration Of National Statistics Day

Honouring the birth anniversary and the notable contributions made by **Professor (late) Prasanta Chandra Mahalanobis** in the fields of statistics and economic planning, the Government of India has designated June 29 as **"National Statistics Day"**.

On this special day to illustrate the role of statistics in national development, the Department of Mathematics of IIT Bombay organized online lectures by the following experts on 29th June, 2024.

Short bio of the speakers is available at: https://www.math.iitb.ac.in/NewsEvents/ statistics_day_29_june_math_iitb.pdf

Prof. Bimal Roy (former Director of the Indian Statistical Institute, Kolkata) delivered a lecture titled '*A relook at contributions of Prof. P.C. Mahalanobis'* on the contribution of Prof. Mahalanobis.

Prof. Debasis Sengupta (former Dean of the Indian Statistical Institute) delivered a lecture titled *'Statistics in public policy: The case of Teesta Barrage Project'*.

IIT Bombay Conducts The National Geospatial Awards 2024 (Edition 01) And Open Source GIS Day Celebration

IIT Bombay organized the first-ever **Open Source Geographic Information System (GIS) Day** celebrations and bestowed honour to the winners/ winning organization of the **National Geospatial Awards 2024 (Edition 01)** on 15th September, 2024. The key objectives were to recognize the enablers of Geospatial Technology in India, cutting across professions (Institutions, Faculty, Industry professionals, Individuals, etc).

The Awards were held as an initiative of the (Free/ Libre and Open Source Software for Education) FOSSEE (GIS) project, IIT Bombay organized under the aegis of the National Mission on Education through ICT (NMEICT), Ministry of Education, Government of India. **Prof. Shireesh Kedare**, Director, IIT Bombay presented the awards.

The Awards announced comprised of Jury awards, Category-wise awards and Special awards were some of the key recipients included Survey of India; National Remote Sensing Center (NRSC-ISRO) Hyderabad; ISRO's SATNAV Programme; North East Space Application Center (NESAC-ISRO) under the National Geospatial Enabler Award category; **Prof. R. D. Garg** (IIT Roorkee); **Prof. RAAJ Ramasankaran** (IIT Bombay); **Col. Prof. Karbhari Kale** (Vice Chancellor, DBATU) etc. under the National Geospatial Faculty Fellow Category.

Prof. Kannan Moudgalya (Principal Investigator,FOSSEE) delivered the keynote address and **Prof. Pennan Chinnasamy** (Co-PI, FOSSEE) spoke on the importance of having the Open Source GIS Day. **Mr. Mohamed Kasim Khan** (National Coordinator - FOSSEE GIS, NMEICT), coordinated the event.

IIT Bombay Observes The Nasha Mukt Bharat Abhiyaan

IIT Bombay observed the **Nasha Mukt Bharat Abhiyaan**, a nationwide initiative by the Ministry of Social Justice and Empowerment, Government of India, aiming to create a drug-free India on 12th August, 2024.

The Institute's staff took a pledge at the conference room of the Registrar's Office. Meanwhile, over 200 students from IIT Campus School and Junior College, Powai and PM SHRI Kendriya Vidyalaya, IIT Powai enthusiastically participated in the campaign, led by their teachers.

The students held posters with powerful messages like *"Say No To Drugs"* and took a pledge to support the cause, promoting a healthier and more responsible lifestyle.

Ideas4LiFE - Lifestyle For Environment

(L to R) Mr. Amandeep Garg, Additional Secretary, Environment, Forest and Climate Change (EF&CC); Mr. Pravin Darade Principal Secretary, Environment, Forest and Climate Change (EF&CC); Shri Bhupender Yadav, Hon'ble Minister Environment, Forest and Climate Change (EF&CC); Mr. Tanmay Kumar, Special Secretary, Environment, Forest and Climate Change (EF&CC) and Prof. Shireesh Kedare Director, IIT Bombay

The **Ministry of Environment, Forest and Climate Change** in collaboration with the **State Environment Department, Government of Maharashtra** organised **'Ideas4LiFE - Lifestyle for Environment'** - an event aiming to inspire innovative environmental solutions, on 31st August, 2024 at IIT Bombay**.**

The event sought to engage students, faculty, and researchers nationwide in generating ideas that promote an eco-friendly lifestyle.

Hon'ble Union Minister for Environment, Forest and Climate Change Shri Bhupender Yadav emphasized the need for progress on both economic and ecological fronts stating, *"A developed economy should be a developed ecology too"*. He further urged citizens to embrace environmental consciousness asserting, *"We should be citizens with environmental sense"*.

In his address, the Union Minister outlined the government's mission and the theme of **"Ideas4LiFE",** highlighting the interconnectedness of all life forms. He emphasized that 'life' extends beyond human needs, advocating for the co-existence of all living beings and the environment.

The Minister stressed that a human-centric approach to development is insufficient, advocating instead for a ecologically conscious model. He pointed out the adverse effects of development, such as rising temperatures and biodiversity loss, underscoring the essential role of nature in providing food, energy, medicine and other resources.

Hon'ble Union Minister for Environment, Forest and Climate Change Shri Bhupender Yadav addressing the audience

The Minister also highlighted the importance of preserving one-third of the Earth for biodiversity, noting that around 50,000 species are used for human consumption. He also outlined three essential actions for sustainable development: changing consumption demands, improving supply systems and implementing effective policies.

Speaking about the achievements of India in the environment front, he highlighted that the government has accomplished its renewable energy targets nine years ahead of schedule and has introduced the Soil Health Card initiative to reduce chemical usage in agriculture.

The Minister also addressed global food waste scenario, noting that 15 billion tonnes are sent to landfills each year. He urged that our education, innovation and technological advancements should focus on enhancing and preserving nature.

The Minister concluded by inviting ideas and suggestions from the students gathered from different colleges to contribute in preserving the nature and reducing waste which will eventually further the mission of integrating ecological balance into development strategies.Shri Yadav announced the extension of deadline for idea submission in Ideas4LiFE from 15th September to 15th October, 2024.

The IIT Bombay event aimed to mobilize the academic community in Mumbai and beyond, encouraging participation from students and faculty of UGC, AICTE, IITs and other educational institutions across India. UNICEF has been a key partner in the implementation of Mission LiFE, including the Ideas4LiFE initiative.

Mr. Pravin Darade, Principal Secretary, Department of Environment, Government of Maharashtra, spoke about the various initiatives taken by the State of Maharashtra in protecting and preserving the environment.

Prof. Shireesh B. Kedare, Director of IIT Bombay, spoke about the significance of reporting carbon footprint by every individual. He encouraged students to mention their individual carbon footprints on their CVs. He also spoke about the various initiatives taken by IIT Bombay towards reducing carbon footprint in the campus.

Mr. Tanmay Kumar, Special Secretary, EF&CC and **Mr. Amandeep Garg,** Additional Secretary, EF&CC also spoke during the event. Around 1200 students, research scholars and faculty from various educational institutions in Mumbai actively participated in the event.

In addition to the ideathon, a tree plantation drive was held on the IIT Bombay campus, as part of the *'Ek Ped Maa Ke Naam'* campaign movement on World Environment Day, 5th June, 2024.

About Ideas4LiFE:

The Ideas4LiFE ideathon covers seven themes of Mission LiFE - Save Water, Save Energy, Reduce Waste, Reduce E-Waste, Say No to Single-Use Plastics, Adopt Sustainable Food Systems, and Adopt Healthy Lifestyles.

To facilitate idea submissions, a dedicated portal, 'Ideas4Life.nic.in,' was launched on 29th July, 2024, at IIT Delhi. This portal invites participants to submit their innovations online, with winning ideas across the seven themes receiving recognition and prizes for both individuals and institutions.

Tree plantation by Union Minister for Environment, Forest and Climate Change Shri Bhupender Yadav at IIT Bombay

IIT Bombay Celebrates National Librarian's Day

The Central Library of IIT Bombay celebrated the **National Librarian's Day** on 12th August, 2024 commemorating the 132nd birth anniversary of *Dr. S. R. Ranganathan*, widely regarded as the *Father of Library Science in India.*

The Chief Guest of the function was **Dr. Shalini R. Urs,** Founder and Chairperson, MYRA School of Business, Mysore, Former Founder Director and Professor, International School of Information Management, University of Mysore and Professor (Retired) Department of Library and Information Science, University of Mysore.

Institute functionaries who attended include **Prof. Milind Atrey,** Deputy Director (Academics, Research and Translation); **Prof. Nand Kishore,** Dean (Administrative Affairs); **Prof. Irishi N. N. Namboothiri,** Convenor, Library Committee; **Mr. Ganesh Bhorkade,** Registrar and **Dr. Manju Naika,** Chief Library Officer.

Dr. Manju Naika welcomed the guests, outlined the day's agenda and provided a brief overview of Dr. Ranganathan's legacy. The Chief Guest delivered the keynote address titled, '***In Ranganathan's Long Shadow: His Legacy and Impact on Modern Information Systems'.*** She highlighted Dr. Ranganathan's foundational works such as *"The Five Laws of Library Science"* and *"Prolegomena to Library Classification"*, emphasizing their continued relevance in modern information systems.

The event also included a panel discussion on '***How Libraries Build Stronger Communities by Connecting and Empowering Users'*** moderated by **Prof. S. Shankaranarayanan.** Panelists included **Prof. Irishi N. N. Namboothiri, Mrs. Smruti Bhattacharya** and **Mr. Yogesh Patil**.

A highlight of the event was the felicitation of long-serving library staff members who have completed 25 years of service, as well as retired librarians and former Library Committee convenors, for their dedicated contributions to the Central Library. Over 100 participants, including students, faculty and library professionals attended the event.

Book Exhibition At Central Library

The Central Library of the Institute organized a **book and e-book exhibition-cum-sale** during 23rd-29th September, 2024, to promote reading culture and encourage access to valuable literature.

The exhibition was inaugurated by **Prof. Milind Atrey,** Deputy Director - ART (Academics, Research and Translation). It featured 15 publishers and distributors showcasing a diverse range of works. The opening was attended by **Prof. Nand Kishore,** Dean - AA (Administrative Affairs); **Mr. Ganesh Bhorkade,** Registrar; **Dr. Manju Naika,** Chief Library Officer; faculty, staff and students.

Prof. Atrey emphasized the importance of regularly updating the library's collection with the latest resources and encouraged the library team to engage with the user community through various channels. He also announced plans for a new 24/7 study space in upcoming hostel buildings and suggested hosting author talks to enhance the campus experience.

Prof. Nand Kishore reiterated the significance of maintaining an up-to-date library collection and acknowledged the library's efforts in organizing this valuable event for the campus community.

As a special offer, users were given a discount of up to 50% to take advantage of this remarkable opportunity.

IIT Bombay Delegates Visit Japan

IIT Bombay Director Prof. Shireesh B. Kedare accompanied by Prof. Sudarshan Kumar, Dean (International Relations) and Prof. Krishna P. Kaliappan, Dean (Strategy) participated in the University Presidents for Peace Conference at Hiroshima University, Japan held on 6th August, 2024. This conference was the cornerstone of Hiroshima University's peace initiative to foster global peace and sustainable development. This conference saw the participation from Presidents of leading global universities to discuss the roles of universities towards sustainable world peace.

IIT Bombay delegation including Prof. Shireesh Kedare, Director, Prof. Krishna Kaliappan, Dean (Strategy) and Prof. Sudarshan Kumar, Dean (International Relations) met Mr. Sibi George, Bharat's Ambassador to Japan during their visit to Japan. They discussed the potential collaboration on student exchange, joint research, joint dual degree program, technology transfer and entrepreneurship.

International News

- **AUA Board Meeting:** On 17th April, 2024, leaders and representatives from the 15 universities comprising the Asian Universities Alliance (AUA) convened online for the Annual Board meeting. **Prof. Subhasis Chaudhuri,** Former Director; **Prof. K.V.K. Rao,** Deputy Director (Finance, Infastructure and Administration); **Prof. Sudarshan Kumar,** Dean (International Relations) and **Prof. Krishna K Kaliappan,** Dean (Strategy) from IIT Bombay participated in the meeting. The session focused on reviewing the Alliance's achievements over the past year and deliberating on critical issues for future development. The AUA Board selected *IIT Bombay to hold the AUA Executive Presidency for the year 2024-25* and appointed **Prof. Subhasis Chaudhuri,** Ex Director of IIT Bombay as an *AUA Executive President 2024-2025.* In his address,Prof. Chaudhuri expressed his pleasure and honour at IIT Bombay being chosen to hold the next AUA Executive Presidency. He also shared the recent developments of IIT Bombay and his insights on possible initiatives that AUA may consider launching in the future.

- **Visit To Japan for Faculty Research Workshops:** A delegation led by **Prof. Sudarshan Kumar,** Dean (International Relations) visited Japan in April 2024. The delegation included **Prof. Viren Menezes, Prof. Nagendra Kumar** and **Prof. Hrishikesh Gadgil** from the Department of Aerospace Engineering. They were accompanied by **Prof. Atul Srivastava,** Associate Dean (Student Affairs),

Prof. Shivasubramanian Gopalakrishnan and **Prof. Neeraj Kumbhakarna** from the Department of Mechanical Engineering. The delegation visited Japanese universities - Hokkaido University, Tohoku University and Kyoto University for faculty research workshops during 22nd-26th April, 2024 where topics related to combustion and propulsion in aerospace applications to numerous collaborative possibilities were discussed.

- **France Ambassador Visits IIT Bombay:** As part of the *Indo-French Year of Innovation 2026,* **Dr. Thierry Mathou,** the French Ambassador to India visited IIT Bombay on 16th May, 2024 to discuss ways for further strengthening of the collaborations between French Institutions and IIT Bombay. Dr. Mathou was received by the Director **Prof. Shireesh Kedare** at IIT Bombay. Besides his interaction with the Institute functionaries, he visited the Society for Innovation and Entrepreneurship (SINE), Research Park and various Labs of the Institute.

- **Staff Exchange Programme:** The Staff Exchange Programme provides an opportunity to the staff members to explore the untapped resources and collaboration which might benefit both participating institutions. These exchanges are carried out with funding support from IIT Bombay, Erasmus+, Asian Universities Alliance and other international partner universities.

The following staff members from IIT Bombay have been provided the opportunity in this quarter:

- **Institute Teknologi Sepuluh Nopember Surabaya, Indonesia – April 2024**
    1. Dr. Pushpa Kumari, Project Manager, Dean (International Relations) Office
    2. Ms. Sushma Jagtap, Administrative Assistant, Dean (International Relations) Office

- **Universiti Malaya, Malaysia – May 2024**
    1. Ms. Tanvi Mehta, Executive Officer, Dean (International Relations) Office
    2. Ms. Chandrika Naik, Clerical Assistant, Dean (International Relations) Office

- **Koç University, Turkey – May 2024**
    1. Dr. Ipsita Das, Senior Project Manager, Dean (International Relations) Office

- **Freie University of Berlin, Germany – June 2024**
    1. Mr. Bontha Venkata Ravi Shankar, Training and Placement Officer, Placement Office
    2. Ms. Radhika Upendra Nadgaonkar, Administrative Assistant, Dean (Research and Development) Office

Maharashtra Chief Secretary Visits Campus

Ms. Sujata Saunik, the Chief Secretary of Maharashtra, visited IIT Bombay on 14th July, 2024 to discuss avenues of collaboration with the Institute. The discussions with **Prof. K.V.K Rao,** Deputy Director (Finance, Infrastructure and Administration) and faculty from various Departments focused on harnessing IIT Bombay's expertise across diverse domains of shared interest to strengthen government programmes and capacity building of government agencies in the state.

The discussion covered several areas of integration of technological advancements into government agencies and programmes including infrastructure, housing, transportation, water, health, skilling, climate change and disaster management. The mechanism for SANGAM Fellowship to be anchored by GISE

IIT Bombay functionaries felicitating Smt. Sujata Saunik, Chief Secretary of Maharashtra (center)

Hub at IIT Bombay was also discussed and decided that IIT Bombay and Office of the Chief Secretary will collaborate under the banner of an overarching MoU that will enable the Institute to contribute to development of the state and the nation through impactful projects and engagement.

IIT Bombay And BITS Pilani Sign MoU

The **Indian Institute of Technology Bombay (IIT Bombay)** and the **Birla Institute of Technology & Science (BITS), Pilani** have signed a **Memorandum of Understanding** (MoU) to collaborate on research, innovation and skill development. The collaboration aims to leverage the strengths of each institution by conducting joint research at their facilities as well as through third-party collaborations. This will focus on addressing key industry challenges and fostering technological innovations between the two premier institutions. This MoU will outline cooperation to facilitate positive scholarly and industrial interaction, as well as knowledge transfer and the

development of technology to tackle societal challenges. The collaboration will take the form of joint research projects, consultancy, student internships, faculty exchanges and the development of modern technologies.

IIT Bombay Partners With Tokyo Electron Limited

The **Indian Institute of Technology Bombay** has engaged partnership with **Tokyo Electron Limited (TEL)** on 13th September, 2024 to advance research and training in the domain of advanced semiconductor technologies. TEL has also joined ASPIRE, the Research Park at IIT Bombay, as an Associate Member.

As a leading global company of innovative semiconductor production equipment, TEL engages in development, manufacturing and sales in a wide range of product fields. All of TEL's semiconductor production equipment product lines maintain high market shares in their respective global segments. TEL provides outstanding products and services to customers through a global network in the US, Europe and Asia.

MoU Between Grew Energy Private Limited And IIT Bombay

Grew Energy Private Limited and **IIT Bombay** has signed a **Memorandum of Understanding (MoU)** on 27th August, 2024. This collaboration focus on solar cell and module manufacturing, performance characterization, and reliability assessments through Photovoltaic Technology and Innovation Centre (PoTIC), IIT Bombay.

This collaboration would be instrumental in driving innovation and leadership in the solar energy sector.

MoU Signing With Oilmax Energy Private Limited

IIT Bombay has signed an MoU on 8th August, 2024 with a Mumbai-based Oil and Gas upstream company **Oilmax Energy Private Limited** (https://oilmax.in) for research and development in the fields of petroleum, mining, industrial and green energy technologies.

The Oilmax group has diversified businesses in oil and gas, mining and energy services. The group hopes to synergise with IIT Bombay's robust RnD ecosystem to develop, prototype and quickly deploy cost-effective real-world solutions to solve real-world problems faced by industries and consumers. The MoU signing ceremony was attended by **Prof. Sachin Patwardhan,** Dean (Research and Development), IIT Bombay, **Mr. Anish Garg,** Director of Oilmax Energy Pvt. Ltd., **Prof. Alankar,** Department of Mechanical Engineering, IIT Bombay who will lead the efforts for Materials Research and **Ms. Debashree** from the Office of Dean (R&D), IIT Bombay.

MoU To Launch Project Titanium At IIT Bombay

IIT Bombay signed a **Memorandum of Understanding (MoU)** with **Mr. Ramesh Mangaleswaran** - Senior Partner Emeritus at *McKinsey and Company* (BTech, 89') and IIT Bombay Distinguished Alumnus and **Mr. Rajesh Jain** - Founder and Managing Director, *Netcore* and Distinguished Alumnus (BTech, 1988) to launch **Project Titanium** at IIT Bombay.

Project Titanium will include a comprehensive Entrepreneurship-in-Residence (EIR) program and a multi-sided marketplace and mentorship program (both technical and business) to help aspiring innovators and entrepreneurs navigate the entrepreneurship ecosystem.

Officials from IIT Bombay with Mr. Rajesh Jain (C) during signing of the MoU

The programme, along with IIT Bombay's other incubation initiatives, aims to drive Entrepreneurship at Scale, while supporting the' growth of the translational research ecosystem. Furthermore, the initiative will help entrepreneurs and innovators bridge the gap between research and commerce by giving them access to existing research with high Technology Readiness Levels (TRLs).

MoU With Adani Green Energy Limited

Prof. Upendra Bhandarkar, Associate Dean (Research and Development) (second from Left), Prof. Subhasis Chaudhuri, former Director (center) and Mr. Amit Singh, CEO, Adani Green Energy Ltd. (center) during signing of the MoU

IIT Bombay signed a **Memorandum of Understanding (MoU)** with **Adani Green Energy Limited (AGEL)** to focus on developing an ecosystem that will drive advancement in clean technologies and address some of the key challenges in the design and operation of renewable energy systems.

Through the **Photovoltaic Technology and Innovation Centre (PoTIC)** and **National Centre for Photovoltaic Research and Education (NCPRE)** at IIT Bombay, AGEL will work for the commitment to advancing renewable energy solutions and to drive innovation and sustainability forward.

KEF Signs MoU With IIT Bombay For Launch Of Scholarship For Girl Students

Prof. Ravindra D. Gudi, Dean (Alumni and Corporate Relations) IIT Bombay and Dr. Ganesh Raja, CEO of Kotak Education Foundation (KEF) during MoU signing and exchange

IIT Bombay signed a **Memorandum of Understanding (MoU)** with **Kotak Education Foundation (KEF),** the CSR implementing agency of Kotak Mahindra Group to support the academic journeys of the Institute's women students hailing from under-served communities, on 12th August, 2024.

The **Kotak Kanya-IIT Bombay Scholarship** will provide financial support of Rs 2.85 lakh per year till the completion of their professional graduation course/ degree. Besides, financial assistance, the scholarship will facilitate the holistic development of the scholars through student engagement and finishing school activities.

The key representatives from IIT Bombay during MoU exchange included, **Prof. Ravindra D. Gudi,** Dean (Alumni and Corporate Relations), **Prof. Pratibha Sharma,** Associate Dean (Academic Programmes), **Prof. Pradeepkumar P.I.**, Chairperson, Institute Scholarships Committee and **Mr. Ravishankar Gedela**, CEO, Development and Relations Foundation (IITB DRF). The KEF team was represented by **Dr. Ganesh Raja**, CEO of KEF, **Mr. Parag Ganu,** CFO, **Ms. Jayasree Ramesh,** Director-Education and Scholarship and **Ms. Arati Kaulgud**, Scholarship Project Head.

IIT Bombay Signs MoU With MITRA

In a significant event, **IIT Bombay** officially signed an **MoU** with **MITRA (Maharashtra Institution for Transformation),** Government of Maharashtra, on 12th August 2024 at Varsha, CM's Bungalow in Mumbai. The MoU ceremony was graced by the presence of **Shri Eknath Shinde,** Hon'ble Chief Minister of Maharashtra; **Shri Devendra Fadnavis,** Hon'ble Deputy Chief Minister of Maharashtra, **Mr Praveen Pardeshi,** MITRA CEO; **Prof. K. V. Krishna Rao** (Acting Director and Deputy Director (FIA)); **Prof. Bakul Rao** (Chair Professor, Centre for Technology Alternatives for Rural Areas) and **Prof. Upendra Bhandarkar,** Associate Dean (Research and Devleopment).

The MoU between IIT Bombay and MITRA marks the beginning of a strategic partnership to leverage IIT Bombay's expertise as a knowledge partner in Maharashtra's ambitious transformation initiatives. Under this MoU, IIT Bombay will support policy advocacy, research, innovation and capacity building, helping drive sustainable development across the state. This collaboration will focus on key sectors such as Data, Monitoring and Evaluation, GIS among others. The partnership is vital to Maharashtra's goal of achieving a $1 trillion economy by 2027 and a $3.5 trillion economy by 2047.

MoU Between Centre For Railway Information System (CRIS) And IIT Bombay

IT Bombay signed an **MoU** on 10th July, 2024 with the **Centre for Railway Information System (CRIS)**, an IT wing of Indian Railways. The collaboration aims to solve various issues faced by CRIS using generative AI (Large Language Models like Llama).

Prof. Pushpak Bhattacharyya, Department of Computer Science and Engineering is leading the project for IIT Bombay. The project aims to develop an AI-powered assistant tool, a multilingual chatbot, a complaint-handling tool, feedback analysis, unstructured data insights, asset management and maintenance etc.

Once implemented the above solutions will bring huge benefits to Indian Railways in terms of efficiency, coverage and ease of operation.

From (L-R): Prof. Pushpak Bhattacharyya, Department of Computer Science and Engineering and PI of the project; Prof. Sachin Patwardhan, Dean (Reseach and Development), IIT Bombay; Mr. G. V. L. Satya Kumar, Managing Director (CRIS), Ms. Poonam Saha, Technical Advisor to MD (CRIS) and Mr. Amol Kale, Manager (CRIS)

MoU Between Ministry of Health And Family Welfare (MoHFW), Govt. Of India And The National Disease Modelling Consortium (NDMC)

(From L-R) Dr. Sarbani Banerjee Belur (Secretariat Head, NDMC, IIT Bombay); Prof. Sarika Mehra (Department of Chemical Engineering and Tuberculosis Modeller, NDMC, IIT Bombay); Dr. K. K. Tripathy (Economic Advisor, MoHFW); Dr. Govind Kumar Bansal (Director-Reproductive and Child Health, MoHFW); Prof. Mithun Mitra (Department of Physics and Tuberculosis Modeller, NDMC, IIT Bombay); Dr. Raghuram Rao, Assistant Director General (Central Tuberculosis Division) during MoU signing ceremony

The **Ministry of Health and Family Welfare (MoHFW), Government of India** has signed a Memorandum of Understanding (MoU) with the **National Disease Modelling Consortium (NDMC)** anchored at the Indian Institute of Technology Bombay, for collaborating in specific disease modelling initiatives to address critical healthcare needs in the country. The MoU will facilitate collaboration between NDMC and various stakeholders in the Ministry of Health, to work on questions and asks by the Government, design programmatic interventions and achieve the best possible outcome for the country for disease prevention and management.

In A Landmark Corporate Philanthropic Contribution, Motilal Oswal Foundation Pledges INR 130 Crores To IIT Bombay

Motilal Oswal Foundation and Motilal Oswal Financial Services Ltd. (MOFSL) dignitaries during the philanthropic donation of INR 130 crores to IIT Bombay

The **Motilal Oswal Foundation** has made a landmark **philanthropic contribution of Rs. 130 crores** to establish **Motilal Oswal Knowledge Centre** and **Motilal Oswal Centre for Capital Markets** at IIT Bombay. This donation represents a historic moment for corporate giving in India and underscores Motilal Oswal Foundation's commitment to shaping the future of education and research.

Under the MoU, Motilal Oswal Foundation will contribute towards the establishment of The Motilal Oswal Knowledge Centre in IIT Bombay's campus. This state-of-the-art academic block will serve as a hub for innovation, research and academic excellence. This Knowledge Centre will enable IIT Bombay to attract world-class talent and further its mission of being a global leader in science and technology.

Motilal Oswal Centre for Capital Markets (MOCCM) at IIT Bombay is conceptualized with the objective of building high-end capabilities to enable the evolution and growth of the Indian financial sector. The multidisciplinary Centre will draw expertise from areas such as Finance, Economics, Management, Operations Research, Computer Science, Artificial Intelligence and Mathematics.

MOCM plans to offer an array of academic programmes in Financial Markets at the graduate, undergraduate and post-graduate levels. The Centre also envisions offering flexible online Post Graduate Diplomas, making it accessible to professionals worldwide. Motilal Oswal Centre for Capital Markets promises to be a game-changer, offering students unparalleled access to industry leaders, hands-on training with real-world data and the opportunity to shape the future of financial sector. This initiative positions IIT Bombay at the forefront of financial education, making it the go-to destination for anyone looking to lead in the global financial markets.

This landmark collaboration aligns with the Government of India's broader vision of a *'Viksit Bharat',* where technological advancements and cutting-edge research are central to societal progress and global leadership for the country.

Prof. Shireesh Kedare, Director of IIT Bombay, expressed gratitude for the monumental support and said, *"The Motilal Oswal Knowledge Centre will be a significant milestone in IIT Bombay's efforts to scale new heights of global excellence. This generous donation will help us modernize and advance our infrastructure for fostering ground-breaking research. The Motilal Oswal Centre for Capital Markets represents a significant moment for IIT Bombay. This initiative will not only elevate the institute's stature in financial education but also solidify its position as a leading hub for nurturing the next generation of financial market leaders. We are grateful to the Motilal Oswal Foundation for their visionary contribution".*

Commenting on the collaboration, **Mr. Motilal Oswal,** Trustee of the Motilal Oswal Foundation, said, *"We are honoured to partner with IIT Bombay, an institution at the forefront of innovation and academic excellence. We are committed to building a research-backed educational ecosystem that will create a positive impact on future leaders of the nation. We believe this partnership will pave the way for a brighter, more innovative future for the country and its financial markets".*

This association takes forward Motilal Oswal Foundation's vision of enhancing academic infrastructure and talent development to propel India's Global Aspirations.

IIT Bombay Celebrates National Sports Day

To honor the birth anniversary of hockey legend *Major Dhyan Chand*, IIT Bombay celebrated **National Sports Day** during 28th-29th August, 2024.

As part of the celebration, the **Institute Sports Council** organized a mixed Hockey League at the Indoor Cricket Turf for the students. The tournament was highly competitive with each team including a female player, promoting team spirit and sportsmanship. The winners received trophies, including the *'Emerging Player of the Tournament'* Award. Sports Officer **Mr. Pritesh Yadav**

felicitated the winners. The coaches encouraged everyone to participate in sports and exhibit discipline in preparation for the upcoming Inter-IIT sports meet in 2024.

Another highlight was a **Body Composition Analysis camp** held on 29th August, 2024, where over 450 students underwent a 70-second health assessment test. The detailed insights provided by the test can guide training and nutritional strategies, enhancing athletic performance and overall well-being. The camp emphasized the importance of health and fitness, ensuring athletes are well-prepared for future challenges. The celebration marked a successful and memorable National Sports Day event.

IIT Bombay Conducts Enthuse 2024 - The Freshman Research Orientation

Industrial Research and Consultancy Centre (IRCC), IIT Bombay in collaboration with EnPoWER conducted **Enthuse 2024** as part of the **Under Graduate Orientation Programme** on 28th July, 2024 at the Institute campus. The event organized annually, saw a participation of more than 1400 newly joined undergraduate students this year. Held simultaneously at four venues on the IIT Bombay campus, Enthuse was anchored by Professor-In-charges - **Prof. Leena Vachhani** (Centre for Systems and Control); **Prof. Sai Vinjanampathy** (Department of Physics); **Prof. Vikram Vishal** (Department of Earth Sciences) and **Prof. Nagamani Jaya Balila** (Department of Metallurgical Engineering and Material Science).

In all, twenty professors from various departments briefly shared their research which provided the highlights of the research activities at IIT Bombay to get these newly admitted students excited about research. This event gave an overview of the kind of research activities at IIT Bombay that range from fundamental sciences, high-end cutting-edge technologies, futuristic research areas, socially relevant areas and more. The enthusiastic undergraduates were intrigued by the research opportunities at IIT Bombay. Overall, it was an enriching experience for the students to interact with the professors and IRCC during Enthuse.

Internal Complaints Committee (ICC) Training

The **Internal Complaints Committee (GC-ICC) Training** was organised by the **Gender Cell (GC), IIT Bombay** during 3rd-4th August, 2024. **Advocate Shivangi Prasad,** with considerable experience in spearheading Act-based jurisprudence in organizations across the country, conducted the training.

The training addressed GC-ICC roles and responsibilities and the ICC process of receiving and handling complaints, conducting inquiries, reporting and documenting the cases and making recommendations to the employer. **Advocate Shivangi** advised the members on the nuances of the PoSH Act through engaging and interactive sessions. The session was well-attended by faculty, staff and student members of Gender Cell.

In addition, GC also organized a **First Responders workshop** for permanent staff and faculty members across different academic and administrative units on 3rd August, 2024. In this interactive session, the goal was to communicate the importance of the Act and educate attendees on how they may serve as community support and as bridges with the GC-ICC. The session was well-received.
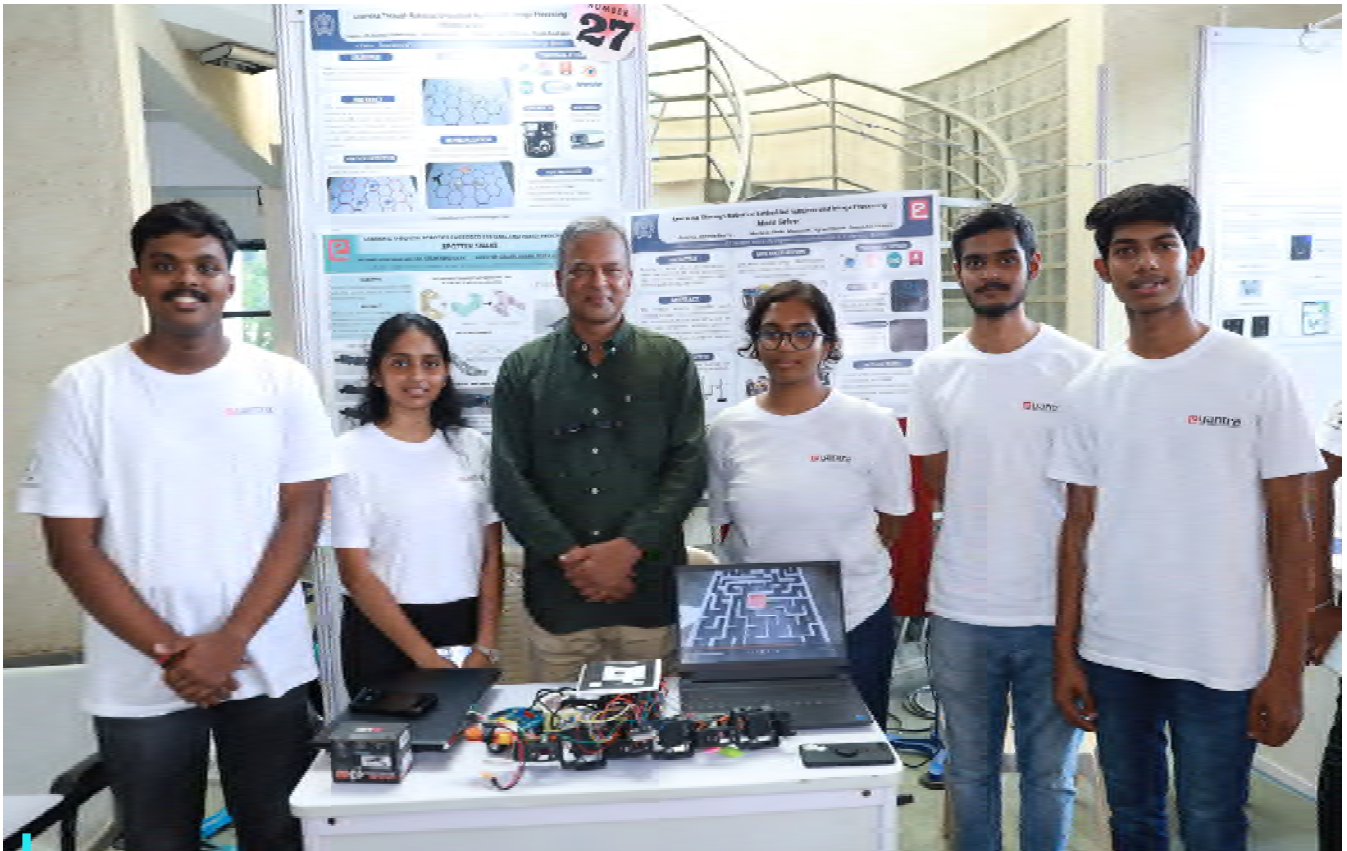
World Suicide Prevention Day

The **Student Wellness Centre**, in collaboration with **NGO Sneh Aagan**, organized a street play titled *"Nurturing the Precious Gift of Life"* on 10th September, 2024 to observe **World Suicide Prevention Day**.

The aim was to initiate an open dialogue around mental health and suicide prevention, fostering meaningful conversations that challenge stigma, promote understanding, and inspire a collective effort to safeguard mental well-being.

e-Yantra Summer Internship Program (eYSIP) Exhibition

Prof. Kavi Arya (center), Principal Investigator, e-Yantra, Department of Computer Science and Engineering, along with the interns during Learning Through Robotics: Embedded Systems and Image Processing session

The **e-Yantra Summer Internship Program (eYSIP) exhibition** was held on 10th July, 2024 at the Kanwal Rekhi Building, CSE Department, IIT Bombay to experience the interns' remarkable work firsthand. This program, funded by the Ministry of Education (MoE), Government of India, offers students a remarkable platform to enhance their skills, gain practical experience and engage in cutting-edge research and innovation. **Prof. Kavi Arya,** Department of Computer Science and Engineering, has been running e-Yantra project as Principal Investigator (PI) for the past 15 years.

The projects completed by the students as a part of the internship used a diverse range of technology stacks, including Robotic Operating System, Embedded Systems, Control Systems, Software Development, Web Development, Machine Learning, Drone technology and Field Programmable Gate Arrays (FPGAs).

Interns at INS Imphal, Indian Navy's newest stealth frigate during a visit to the Naval Dockyard, Mumbai

The eYSIP 2024 programme was a resounding success with participants showcasing their innovation expertise to a diverse audience, including industry experts, faculty members and fellow students. The eYSIP 2024 also conducted workshops and talks on entrepreneurship, equipping the interns with leadership skills for a successful future whether in academia or industry, highlighting the importance of overall development.

To provide a glimpse into real-world applications an industrial visit was organized for the interns to the Mumbai Naval Dockyard, providing a rare chance to observe state-of-the-art maritime technology and gain an understanding of the Indian Navy's activities.

Link to know more about project in details: https://sites.google.com/e-yantra.org/eysip2024/home

Student News

A team from IIT Bombay, the only representative from India, was conferred with the **"Nan Pao Resin Zero Carbon Award"** at the *International Net Zero Tech Competition-2024* organised by the National Taiwan University (NTU) and TECO Technology Foundation in Taiwan. The competition witnessed 130 teams from 31 different countries. The team comprised of:

- **Mr. Anuj (**Dual Degree Student, Department of Energy Science and Engineering)

- **Ms. Nikita** (PhD Student, Department of Chemistry and IIT Bombay Monash Research Academy)

- **Mr. Dipin (**PhD Student, Department of Chemistry)

- **Prof. Sandip Saha** (Department of Mechanical Engineering)

- **Prof. C. Subramaniam** (Department of Chemistry)

This award is given to the team that showed potential to be a disruptor in reaching net zero targets. The team presented prototypes of water purification and space heating with the lowest carbon footprint showcasing the innovative technology developed at IIT Bombay to achieve the net zero carbon objective laid by the United Nations and individual countries. The students' travel to Taiwan was supported by the Institution of Eminence (IOE) fund.

IIT Bombay's Autonomous Underwater Vehicle (AUV-IITB) team has achieved 4th place globally in the finals of *RoboSub 24's 'Autonomy Challenge'*! This prestigious competition, held in California this year, invited 41 teams across 7 countries to build underwater vehicles capable of performing complex tasks autonomously. These include automatic identification and localization of objects, acoustic pinger tracking and executing advanced maneuvers like high-speed barrel rolls.

The team also secured 1st place in the *'Technical Design Report'* category. Their report was published in the September 2024 issue of the 'Naval Engineers Journal'. **Prof. Leena Vachhani,** Centre for Systems and Control and **Prof. Shashi Ranjan Kumar,** Department of Aerospace Engineering were the Faculty advisors.

IIT Bombay KG Student Makes School Proud

Master Agastya P. Naudiyal, a student of class UKG, Division-D, secured the **second position** in Group A, Jagadeeshwara Zone Area, from Andheri to Bhandup in the **Chinmaya Geeta Chanting Inter-school Competition 2023**. The competition focused on reciting seven shlokas in Sanskrit from Chapter 4 – Gyana-Karma-Sanyasa Yoga of Srimad Bhagwad Geeta.

Agastya also achieved the third prize in the All-Mumbai Finals of Chinmaya Geeta Fest 2023. Furthermore, he represented the Mumbai Centre in the Maharashtra Zonal Finals (West Zone) in 2024 and won the third prize in the sub-junior category.

Awards and Distinctions

Prof. Kamendra P Sharma, Department of Chemistry, has been invited to join as an Associate Editor for the *Frontiers in Soft Matter*

Prof. Sakthi Saravanan Chinnasamy, Department of Earth Sciences, has been awarded this year's *Master Tanay Chadha Memorial Geologist Award 2023-24* from the Mining Engineers Association of India

Prof. Chandra Venkataraman, Department of Chemical Engineering, has been selected for the **Distinguished Alumni Award 2024 of IIT Delhi** under the area of climate science

Prof. Deepankar Choudhury, Department of Civil Engineering, has been empaneled as one of the Search cum Selection Committee members for selection of Vice-Chancellors (VCs) in various universities of West Bengal by Hon'ble Supreme Court of India

Link to Award: https://www.sci.gov.in/judgements-judgement-date/

Prof. Gopal Dixit, Department of Physics, has been inducted as member of the *Conference on Lasers and Electro-Optics (CLEO) Fundamental Science Committee*. CLEO is one of the largest body representing light and its applications in science and technology

Prof. Manoranjan Sahu, Environmental Science and Engineering Department (ESED), has been selected for *The Mark S. Wrighton Award for McDonnell Academy Alumni* at Washington University in St. Louis. The award consists of a $10,000 cash prize and an engraved crystal plaque

Prof. Yogendra Shastri, Department of Chemical Engineering, has joined as an Associate Editor of the "*ACS Sustainable Chemistry and Engineering*"

Prof. Soumyajit Mukherjee, Department of Earth Sciences, has joined as the Editorial board member of *"Geological Society of London (Society Book Editor)"*

Prof. Krishnan Sivasubramanian, Department of Mathematics, was the team leader of the International Mathematics Olympiad (IMO) 2024, where India finished 4th only behind US, China and Korea, with 4 gold medals and 1 silver medal. This has been the best ever performance at the IMO since India's debut in 1989

Prof. Sugandh Malhotra, IDC School of Design, unveiled his second book titled '*How we live: through the products that we use',* at a public talk organised at University of Queensland, Brisbane, Australia. The book focuses on design research that spanned well over 6 years

Prof. Supreet Saini, Department of Chemical Engineering, has been invited to join the Editorial Board of *Microbial Genomics* Journal

Prof. Gopal Dixit, Department of Physics, has been invited to join the Editorial Board of Journal of *Physics B* from Institute of Physics, United Kingdom

Prof. Chandra M.R. Volla and **Prof. Nandita Madhavan**, Department of Chemistry, have received the **CRSI Bronze Medal** from the Chemical Research Society of India for their outstanding contributions in Chemical Sciences

Prof. Indrajit Mukherjee, Shailesh J. Mehta School of Management, has been invited to join the editorial board of the journal '*International Journal of Experimental Design & Process Optimisation'* (https://www.inderscience.com/jhome.php?jcode=ijedpo)

Prof. Abhijit Chatterjee, Department of Chemical Engineering and his research team, have been awarded the **inaugural Professor R. Kumar Award for Innovative Modelling in Chemical Engineering Department/ Lab –**

2024, Indian Institute of Science (IISc), Bengaluru. The award includes a citation and cash prize of Rs 1 lakh. The research team focuses on computational methods for investigating materials with applications in catalysis, fuel cells and batteries

Dr. Sharad Kumar Saraf, Chairperson BoG, IIT Bombay, has been elected as **National Academy of Engineering (INAE) fellow** w.e.f. 1st November 2024

Prof. Amitava De, Department of Mechanical Engineering, has been elected as **National Academy of Engineering (INAE) fellow** w.e.f. 1st November 2024

Prof. Pratibha Sharma, Department of Energy Science and Engineering, has been elected as **National Academy of Engineering (INAE) fellow** w.e.f. 1st November 2024

Prof. Subimal Ghosh, Department of Civil Engineering and Interdisciplinary Programme in Climate Studies, has been elected as **National Academy of Engineering (INAE) fellow** w.e.f. 1st November 2024

Prof. Preethi Jyothi, Department of Computer Science and Engineering, has been elected as a **Indian National Academy of Engineering (INAE) Young Associate** w.e.f. 1st November, 2024

Prof. Pennan Chinnasamy, Centre for Technology Alternatives for Rural Areas, has been awarded the *"Geospatial Excellence Award",* by The Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (Government of Kashmir), for promoting open source GIS in rural regions and open source software. **Prof. Pennan** has also been invited to join the Editorial Board of *Springer's: Discover Water* and *Nature's Scientific Reports*

Prof. Amit Arora, Centre for Technology Alternatives for Rural Areas, has been been nominated to join as member of the Research Advisory Committee (RAC) at the Sardar Patel Renewable Research

Institute (SPRERI) in Anand, Gujarat by its Board Management

Prof. Saket Choudhary, Koita Centre for Digital Health, has been selected for the prestigious *DBT Ramalingaswami Re-entry Fellowship 2023-24*

Prof. Neela Nataraj, Department of Mathematics, has been elected as a fellow of **Indian National Science Academy (INSA)**

Prof. Dipendra Prasad, Department of Mathematics, has been elected to be part of the council of the Indian National Science Academy for the year 2025

Prof. Rahul Purwar, Department of Biosciences and Bioengineering, has received the prestigious **Dr. B. S. Bajaj Memorial Federation of Asian Biotech Associations (FABA) Excellence Award 2024** for his groundbreaking contributions to cancer treatment and research

Prof. Aparna Singh, Department of Metallurgical Engineering and Materials Science, has been selected to receive the **Young Alumnus Award from IIT Kanpur**

Publications

The research work titled *"Uncovering Universal Characteristics Of Homing Paths Using Foraging Robots"* by

Prof. Nitin Kumar, Department of Physics and his team, has been recently accepted into a prestigious journal *PRX Life. C*onducted at IIT Bombay, this work utilizes robotic devices to explain the phenomenon of homing behaviour observed in living organisms

Link to the research work: https://journals.aps.org/prxlife/accepted/0e073l65Cc61a201a0f6106534b79136088d66be2

Conferences/ Workshops

The **Shailesh J. Mehta School of Management (SJMSOM)** organized a **three-day national conference** on the *Indian Knowledge System in Management* during 4th-6th July, 2024. SJMSOM organising team included **Prof. S.V.D. N. RAO (HoD), Prof. Varadraj Bapat, Prof. Ashish Pandey, Prof. Trupti Mishra** and **Prof. Rohan Chinchwadkar**

The Department of Physics hosted a **two-day symposium** titled ***"Symposium (IoE-SCPP)-Frontiers in Biomolecular Interactions: From Polymers to Membranes"*** during 5th to 6th August, 2024. **Prof. Sunita Srivastava,** Department of Physics was the convener.

INYAS – Indian National Young Academy of Science and its flagship event-**Women in Scientific Domains (WiSDom)** organized a **capacity-building workshop** for future women leaders, named **WINGS (Work & Industry Neutral Growth Skills)** during 8th-10th August, 2024 at IIT Bombay. **Prof. Shobhna Kapoor,** Department of Chemistry, was the convener from IIT Bombay.

A **symposium** on *'Micro-Nanoplastics and Environmental Impact'* was organized by the **IIT Bombay Research Hub for Green Energy and Sustainability (GESH IITB)** on 13th August, 2024. **Prof. Guruswamy Kumaraswamy,** Department of Chemical Engineering, IIT Bombay was the organiser.

The **Department of Earth Sciences, IIT Bombay** organized the *34th Conference on Mathematical Geophysics (CMG2024)*; https://cmg2024.org) of the International Union of Geodesy and Geophysics (IUGG), during 2nd-7th June, 2024 on the theme *"Mathematical Geophysics for Sustainable Development"*. The conference was preceded by a three-day pre-conference workshop on *"Computational Geosciences for Sustainable Development"* (30th May-1st June, 2024). **Prof. E. Chandrasekhar** was Chair of the Local Organizing Committee of CMG2024.

Obituary

Prof. Arvind Kudchadker, Department of Chemical Engineering, Professor Emeritus, IIT Bombay passed away on 13th August, 2024.

Professor Kudchadker joined IIT Bombay in 1978 as Professor in the Department of Chemical Engineering. Apart from his role as a teacher and researcher, he played a key role in Institutional development, serving as the first Head of the newly created Computer-Aided Design (CAD) Centre, as Dean of Research and Development (1984-86) and as Deputy Director (1986-94).

Notifications

Prof. Milind Atrey, Department of Mechanical Engineering, has been appointed as **Deputy Director - AIA (Academic and Infrastructural Affairs)** w.e.f. 1st July, 2024 and redesignated as **Deputy Director - ART (Academics, Research and Translation)** w.e.f. 2nd August, 2024

Prof. K.V.K. Rao, Deputy Director [Finance and External Affairs (FEA)] has been redesignated as **Deputy Director [Finance, Infrastructure and Administration (FIA)]** w.e.f.2ndAugust,2024

Prof. Viren Menezes, Department of Aerospace Engineering, has been appointed as the **Chairperson, JEE (Advanced)/ UCEED/ CEED-2025**

Prof. Shyamprasad Karagadde, Department of Mechanical Engineering, has been appointed as the **Vice-Chairperson JEE (Advanced)/ UCEED/ CEED-2025**

Prof. Suvarn S. Kulkarni, Department of Chemistry, has been appointed as **Dean of [Academic Programmes (AP)]** w.e.f. 2nd July, 2024

Prof. P. Vedagiri, Department of Civil Engineering, has been appointed as **Dean [Infrastructure, Planning and Support (Dean IPS)]** w.e.f. 12th June, 2024

Prof. Venkata Santosh Kumar Delhi, Department of Civil Engineering, has been appointed as **Associate Dean-I (IPS)** w.e.f. 12th June, 2024

Prof. Pratibha Sharma, Department of Energy Science and Engineering, has been appointed as an **Associate Dean [Academic Programmes (AP)]** w.e.f. 2nd July, 2024

Prof. Manaswita Bose has been appointed as the **Head, Department of Energy Science and Engineering** w.e.f. 18th June, 2024

Prof. Tom Mathew has been appointed as the **Head, Department of Civil Engineering** w.e.f. 1st July, 2024

Prof. Munish Kumar Chandel has been appointed as the **Head, Department of Environmental Science and Engineering** w.e.f. 11th July, 2024

Prof. Yogendra Shastri, Department of Chemical Engineering, has been appointed as the **Professor-in-Charge of Centre of Excellence in Oil, Gas and Energy** w.e.f. 10th May, 2024

Prof. Ashish K. Sarangi, Department of Energy Science and Engineering, has been appointed as **Warden, Hostel No. 16** w.e.f. 2nd July, 2024

Prof. Zakir Rather, Department of Energy Science and Engineering, has been appointed as **Warden, Hostel No. 01** w.e.f. 18th July, 2024

Prof. Dharamveer Singh, Department of Civil Engineering, has been appointed as **Warden, Hostel No. 18** w.e.f. 2nd July, 2024

Prof. Tanmay K. Bhandakkar, Department of Mechanical Engineering, has been appointed as **Associate Warden, Hostel No. 06** w.e.f. 18th June, 2024

Prof. Raaj Ramsankaran, Department of Civil Engineering, has been appointed as **Associate Warden, Hostel No. 14** w.e.f. 17th June, 2024

Prof. Hrishikesh Gadgil, Department of Aerospace Engineering, has been appointed as an **Associate Warden, Hostel No. 02** w.e.f. 11th July, 2024

Prof. Himanshu Bahirat, Department of Electrical Engineering, has been appointed as the **Chairman (Sports), Physical Education Section, Students' Gymkhana** w.e.f. 14th May, 2024

Prof. Avishek Ghosh (Centre for Systems and Control) has been transferred to the Department of Computer Science and Engineering w.e.f. 13th August, 2024

Prof. Avinash Bhardwaj (Department of Mechanical Engineering) has been transferred to the Department of Industrial Engineering and Operations Research w.e.f. 13th August, 2024

Institute Colloquium / Lectures

Prof. Mangala Subramaniam, Senior Vice Provost for Faculty Affairs and Professor of Sociology at Virginia Commonwealth University (VCU), delivered the Radhika Rajan Women Leadership Lecture titled "*Strategies for Mitigating Unconscious Bias in Workspaces and Classrooms*" on 12th July, 2024

Prof. Kaushik Basu, Carl Marks Professor, Cornell University and N. R. Kamath Visiting Chair Professor, IIT Bombay, delivered the Prof. N. R. Kamath Distinguished Institute Lecture titled "*India's Unemployment Problem Some Lessons from Economic Theory*" on 12th August, 2024

Prof. Eric C. Greene, Department of Biochemistry and Molecular Biophysics, Columbia University, New York, NY, USA, delivered an Institute Lecture titled "*Single molecule studies of DNA recombination*" on 24th July, 2024
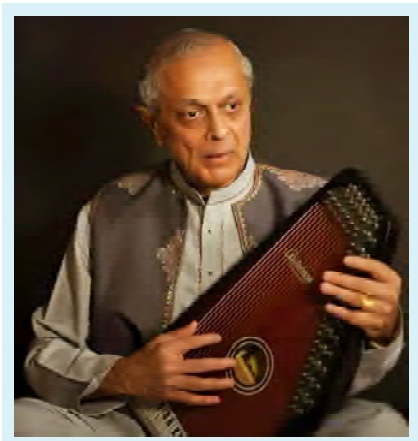

Prof. Daniel Riveline, IGBMC, University of Strasbourg, CNRS, Inserm, delivered an Institute Lecture titled "*Symmetry breaking and collective effects in biological physics*" on 21st August, 2024

Dr. Jahnavi Phalkey, Founding Director, Science Gallery Bengaluru and Winner of Infosys Prize 2023 in Humanities, delivered an Infosys Prize Lecture titled "*Science and State Formation in 20th Century India*" on 3rd September, 2024

Dr. Tony Q.S. Quek, IEEE Fellow, Fellow of Academy of Engineering Singapore, Cheng Tsang Man Chair Professor, ST Engineering Distinguished Professor, Director, Future Comms R&D Programme, Head of ISTD Pillar, Singapore University of Technology and Design delivered an Institute Colloquium titled "*My Personal Research Experience and Research Pathway*" on 4th September, 2024

Dr. Arun Dravid, Distinguished Alumnus of IIT Bombay and Chairman Emeritus, Jacobs Engineering India Ltd delivered Prof. N. R. Kamath Distinguished Institute Lecture titled '*Science of Musical Notes- Sur and Shrutis*' on 18th September, 2024

Appointments

Dr. Arpit Agarwal, has been appointed as Assistant Professor Grade II in the Department of Computer Science and Engineering w.e.f. 1st August, 2024

Dr. Pintu Parui, has been appointed as an Assistant Professor Grade II in the Department of Economics w.e.f. 18th July, 2024

Dr. Shweta Kiran Chawak, has been appointed as an Assistant Professor Grade II in the Department of Humanities and Social Sciences w.e.f. 1st July, 2024

Dr. Soumya G. Rajan, has been appointed as an Assistant Professor Grade I in the Shailesh J. Mehta School of Management w.e.f. 10th July, 2024

Dr. Rahul Kashyap, has been appointed as an Assistant Professor Grade I in the Department of Economics w.e.f. 11th July, 2024

Dr. Prashant Kumar, has been appointed as Assistant Professor Grade I in the Department of Physics w.e.f. 1st August, 2024

Dr. Nirmal Suresh Punjabi, has been appointed as Assistant Professor Grade I in the Koita Centre for Digital Health w.e.f. 2nd August, 2024

Dr. Suman Kumar Sahoo, has been appointed as Assistant Professor Grade II in the Department of Mathematics w.e.f. 16th August, 2024

Dr. Anisha Malhotra Devi, has been appointed as Assistant Professor Grade I in the IDC School of Design w.e.f. 20th August, 2024

Dr. Anusha Mangala Krishnan, has been appointed as Assistant Professor Grade I in the Department of Mathematics w.e.f. 2nd September, 2024

Dr. Deepak Naorem, has been appointed as Assistant Professor Grade II in the Department of Humanities and Social Sciences w.e.f. 2nd September, 2024

Dr. Sarath A. Yasodharan, has been appointed as Assistant Professor Grade II in the Department of Industrial Engineering and Operations Research w.e.f. 23rd September, 2024
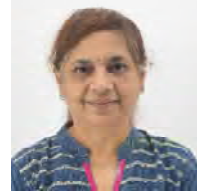
Retirements on 31st July, 2024

Prof. Tapanendu Kundu, Department of Physics, retired after 29 years of service

Dr. Sujala V. Ainapure, Chief Medical Officer (SAG), IIT Hospital, retired after 35 years of service

Mr. Vijay T. Gaikwad, Adminstrative Assistant (P), Central Library, retired after 34 years of service

Mr. Kishor P. Mhatre, Sr. Multiskilled Assistant, Electrical Maintenance Division, retired after 36 years of service

Voluntary Retirement:
Mr. Chandrashekhar S. Kulkarni, Sr. Mechanic, Estate Office, retired after 33 years of service (w.e.f. 15.07.2024)

Retirements on 31st August, 2024

Prof. Buddhiraju K. Mohan, Centre of Studies in Resources Engineering, retired after 39 years of service

Retirements on 30th September, 2024

Prof. Anurag Mehra, Department of Chemical Engineering, retired after 33 years of service

Mr. Chandrashekhar Y. Gaimar, Multiskilled Assistant C, Campus School, retired after 33 years of service

No.	Course Title	Course Coordinator/ Department	Duration
CEP courses scheduled October, November and December 2024			
Open Programmes : (October 2024)			
1	Next-Gen Innovation: AI And Design Thinking	Prof. Sandesh Ramu, IDC School of Design	October 5, 2024 (20 days)
2	Beginners Guide To Using Generative AI For Business	Prof. Lina Sonne Vyas, Desai Sethi School of Entrepreneurship	October 5, 2024 (2 days)
3	2nd Orbit Program For Entrepreneurs Desai Sethi School of Entrepreneurship	Prof. Anuradha Narasimhan,	October 17, 2024 (2 days)
4	Demystifying Design	Prof. Mandar Rane, IDC School of Design	October 19, 2024 (1 day)
In House Programmes:			
5	Human Factors In Engineering Design	Prof. Anirudha Joshi, IDC School of Design	October 17, 2024 (2 days)
Open Programmes: (November 2024)			
6	Perspectives On World Cinema	Prof. Mazhar Kamran, IDC School of Design	November 9, 2024 (6 days)
7	Climate Change And Social Justice (For IITB Alumni Only)	Prof. Arpita Mondal, Department of Civil Engineering	November 9, 2024 (2 days)
8	Pioneering The Future of Healthcare and Diagnostics Using 4D OMICS	Prof. Sanjeeva Srivastava, Department of Biosciences and Bioengineering	November 12, 2024 (2 days)
9	Renewable Energy And Sustainability	Prof. Anish Modi, Department of Energy Science and Engineering	November 18, 2024 (5 days)
10	Urban Flood Management In A Changing Climate- Resilience Building	Prof. Arpita Mondal, IDP in Climate Studies	November 22, 2024 (2 days)
In House Programmes: (November 2024)			
11	Natural Language Processing, Large Language Models And Generative	Prof. Pushpak Bhattacharyya, Department of Computer Science and Engineering	November 18, 2024 (2 days)
In House Programmes : (December 2024)			
12	Econometrics: Theoretical Economic Model With Empirical Rigor	Prof. Puja Padhi, Department of Economics	December 10, 2024 (3 days)

In the Wilderness

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campus diary

BOOK POST