EXPERIENTIAL LEARNING

CLASSROOM LEARNING

PROJECT ELECTIVES

LAB-BASED COURSES

INTERNSHIPS

RESEARCH

ANNUAL REPORT 2021–22


iiit·b
ज्ञानमुत्तमम्
International
Institute of Information
Technology Bangalore

Foreword from the Director

Prof Debabrata Das

Director, IIITB

The bygone year has seen many momentous events and the institute performed well on the academic, research, innovation, sports and extra-curricular activities despite some challenging moments on account of the pandemic.

The year saw four major mile stones, one the students returned back to the campus after the pandemic, two the institute was accredited A+ by the National Assessment and Accreditation Council (NAAC), three IIITB was mentioned by the Finance Minister Ms Nirmala Sitharaman in her budget speech to be part of the National Tele Mental Health Program along with NIMHANS and four the institute conducted the first physical convocation after two years on account of the pandemic. This year's annual report highlights all these achievements besides a multitude of accomplishments of Faculty, Staff, Students and alumni.

The theme of this Annual Report is Experiential Learning. Experiential learning is the process of learning through experience, and is more narrowly defined as "learning through reflection on doing". IIITB has over the years developed Experiential learning methodologies and has been practicing the same for the benefit of the students. There is a cover story feature on this theme.

Happy Reading and Congratulations to the team which has compiled this year's annual report in a lucid manner.

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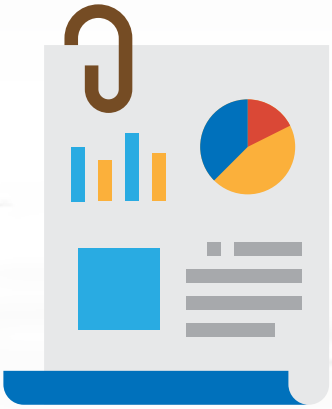
DIRECTOR'S REPORT



Prof Debabrata Das
Director, IIITB

The bygone year culminated with the institutes 22nd convocation. This Convocation was special in many ways. It was my first Convocation after I took over as Director exactly a year ago and I feel humbled and blessed to have been bestowed this responsibility. It was the first Convocation of IIITB to have a Woman Achiever (Dr. Pratima Murthy, Director, NIMHANS) as Chief Guest. It was the first Convocation in the newly constructed Auditorium and it was the first Convocation being physically held after two years of pandemic of the century which is still not over.

IIITB is on the verge of entering its 25th year since inception, and we are proud that 294 students graduated in the 22nd convocation. This leads to strong alumni of 3,905 Post Graduates. IIITB's motto " ज्ञानमुत्तमम् ", i.e., Knowledge is Supreme, expresses the ethos of our institute which is knowledge and the pursuit of truth. IIITB besides being a technical university is also a research university, which means that its faculty and students are engaged in pushing the boundaries of knowledge in their wide-ranging fields of endeavor. I am extremely glad to report that the students of the Class of 2022 have come out with flying colours.

I am very pleased to share with you several milestones of our institute community and our stakeholders in the last year. The National Assessment and Accreditation Council (NAAC) graded IIIT Bangalore as A+ in the second cycle of accreditation. IIIT Bangalore is ranked No.1 in the category of technical private Universities as per India Today-MDRA Best University Survey 2021.

In research, IIITB focuses more on "Translatable Research". Some of the research projects awarded to IIITB's faculty members are:

In collaboration with NIMHANS, the E-Health Research Center (EHRC) of IIIT Bangalore has rendered and will continue to render its technical acumen and support to health initiatives. IIITB is indeed privileged and humbled to be part of the National Tele Mental Health Program with the leadership of NIMHANS and which was announced by the Union Finance Minister Ms. Nirmala Sitharaman in her Budget Speech this year in Parliament. My colleague Prof T K Srikanth will lead this from IIITB side.

IIITB is now contributing to its R&D project at the global level, through the project named Modular Open Source Identity Platform (MOSIP, a software platform like AADHAR). This project's President Prof Rajgopalan of IIITB recently presented MOSIP in ID4AFRICA in Morocco, where 40+ international digital ID product companies declared their products MOSIP compatible. We are also now part of "India Stack" story and was invited to present Digital Identity from India to the world, at the Viva Technology Expo, held in Paris, France. IIITB has truly gone global by rolling out MOSIP in countries like Morocco, Philippines and at the pilot stage in Sri Lanka, Togo, Ethiopia and Guinea.

Dr. Jyotsna Bapat, Dr. Prem Singh, Dr. Priyanka Das, Dr. Vinod Veera Reddy, Dr. Amrita and Dr. Nikhil Krishnan will work on the 5G-Advanced Open-Radio Access Network (ORAN) base station and the institute received ₹ 19.42 Crores from National Mission in Interdisciplinary Cyber Physical System, DST, Government of India. Prof R. Chandrashekhar, received ₹ 9.8 crores from the Centre of eGovernance to start Centre for Technology Research Innovation-Digital Governance (CTRI-DG). Prof Srinath Srinivasa received ₹ 5.41 crores from the Department of Planning, Government of Karnataka to run Centre for Open Data Research for R&D in Data lake and Data Science areas. The International Labour Organization (ILO) awarded Prof Balaji Parthasarathy and Prof Amit Prakash € 50,000 for a research project titled "Case studies on Algorithmic Management in the Logistics and Healthcare Sectors in India". Prof T K Srikanth and Prof Jaya Sreevalsan Nair received a project from TIH, IIT Jodhpur. Prof Meenakshi D'Souza received a project from "Indo-French Centre" for advanced scientific research on Formal Methods for adaptive Control Software. Prof Dinesh Babu Jayagopi was awarded a grant from the prestigious Shastri Indo-Canadian Institute and organized a Symposium titled 'Artificial Intelligence and Rehabilitation Robotics'.

I would like to share with you some of the successes and achievements of our students, during the bygone academic year 2021-22.

Nidhish and Daksh Agarwal, both iMTech students were selected from IIITB to pursue a 6-month research internship in the Domain Name System (DNS), Government of India. Shivangi Garg a student of Master of Science in Digital Society was named 'Mumkin Changemaker Fellow' and she received a fellowship grant to support her research work. Our students participated in several hackathons and won prizes. Nikhil Agarwal an IMTech Student won first prize in 'Road to Web3' hackathon. He also won a trip to Paris in AI Fashion & Design Hackathon. Divyam Agrawal, Gagan Agarwal and Sri Harsha, all three iMTech students won first place in DeFi Blockchain Hackathon. Aditya Sheth an iMTech student together with Gururaj Majumdar a MTech student, won NetApp Academia Hackathon. Aditya Sheth also won 1st place in Dolat Capital's Hackathon 2022.

Some of our faculty members and a staff member have also received several awards and recognitions last year. Their continued efforts have garnered prestigious recognitions: Prof Madhav Rao and Prof T K Srikanth, were recipients of the IBM Global University Program Academic Award 2021. Prof Srinivas Vivek, was awarded the prestigious Infosys Foundation Career Development Chair Professorship. Prof Uttam Kumar received the coveted Indian National Geospatial Award in December 2021. Prof Jaya S Nair received the Best Associate Editor (AE) award for 2021 from IEEE Transactions on Circuits and Systems for Video Technology (TCSVT). Mr. Subramani, Staff of IIITB made an entry to Indian Book of Records for his Mathematical Wizardry.

Professional Bodies contributions by Faculty Members: Prof V N Muralidhara has been TPC chair of IEEE CONECCT Conference and executive committee of IEEE Bangalore Section. Prof Meenakshi is Secretary cum Treasurer of the executive committee of ACM, India. I Prof Debabrata Das , feel really humbled to be selected as the Chairman of IEEE India Council.

The faculty members have been actively contributing to cutting-edge research, which is often multidisciplinary. Last year, our faculty members and students published 177 peer-reviewed research papers and 20 book chapters. IIITB is also contributing to skill development in niche areas like

Data Science, Software stacks, Security, and AI/ML through online Continuing Professional Education (CPE) Programmes. Around 15,816 of employees of various companies and students have done certificate programs in the above areas. I appreciate Prof V Sridhar, Prof Chandrashekar and Prof V N Muralidhara and the team for spearheading the CPE programs successfully.

The 3,900 + IIITB's Post Graduate degree alumni are making their mark in the fields of technology, finance, international aid, education, entrepreneurship, and many other areas. I am happy to mention that Mr. Khadim Batti, an alumnus of the first Batch of MTech student, his start-up Whatfix received Series D funding of $ 90 Million from SoftBank. Mr. Paddy Raghavan's Multipl, a fintech firm raised a $ 3 million funding in pre-series A funding. One of our Board Member who is also the Alumnus of the institute, Mr. Uday Hegde, recently made headlines for an important milestone of his company, USEReady. It received Growth Capital from Boston Based Abry Partners, a well-known private equity investment firm in North America. Nibin Mathew, who is visually challenged was selected for Scholarship Fund Program through its Digital Accessibility Rights Education (DARE) Academy.

On placement per se, IIIT Bangalore has persistently been successful at securing 100% placements despite the effects of the COVID-19 pandemic on the job sector. The placement season of 2021-22 saw impressive 528 offers from 120 companies. The credit goes to the faculty members, students, staff and well-wishers of the Institute. 15 students have received an annual package of more than half a crore and one of our Integrated-MTech students has received an annual package of ₹ 2.02 Crore. IIITB students and alumni not only get good jobs but also admission to top universities of the world for PhD and MBA, like California Institute of Technology, IUPUI-Indiana, Georgia Institute of Technology, Pennsylvania State University, Bar-Ilan University, Arizona State University and Harvard Business School.

In the interest of space, I have only highlighted few of the achievements, however, I want to appreciate and acknowledge all the faculty members, staff and students for their research, teaching, project funding, placements, awards and institute-building contributions.

Finally, let me reiterate that you are highly educated. Your certification is in your degree. However, always be humble with high integrity, take care of your health and work hard to change our Country **भारत** and the eco-system for the better. As you move on to become alumni of this wonderful institution, I leave you with this famous quote from Swami Vivekananda - उठो, जागो और तब तक मत रुको जब तक लक्ष्य की प्राप्ति ना हो जाये। -- Arise awake and stop not until the goal is reached.

2

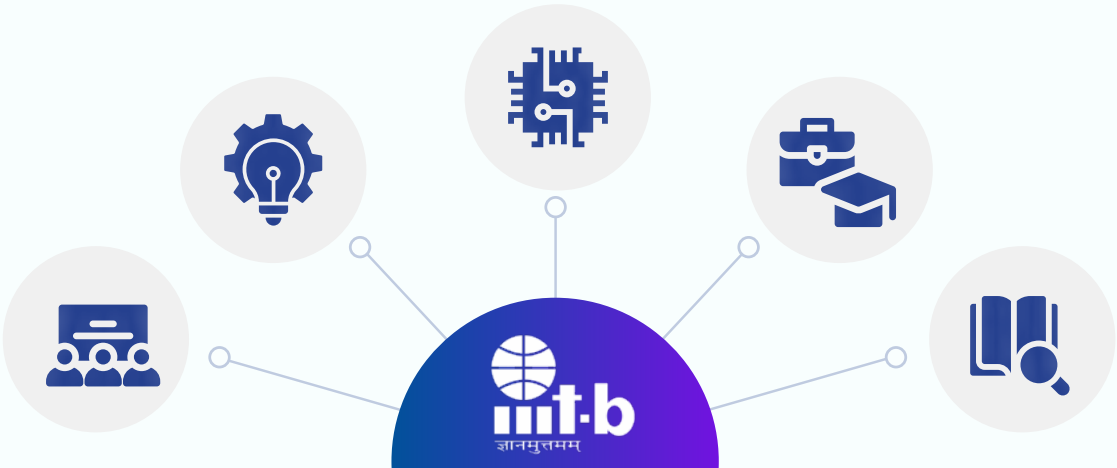
EXPERIENTIAL LEARNING

EXPERIENTIAL LEARNING AT IIIT BANGALORE

The philosophy of Experiential Learning at IIITB embodies the legendary axiom – **"I hear and I forget. I see and I remember. I do and I understand".** Universities can serve as catalysts for societal change. Tomorrow's industries come from today's universities, what we create in the university today will become part of the social reality tomorrow. If we invest in creating a mindset toward original thinking, problem-solving and research, we can create a society that can be empowered. Going in this direction, IIIT Bangalore is set on a motto of offering education through 'Experiential Learning' which embraces continued growth and development of students by way of learning through experience, and is more narrowly defined as "learning through reflection on doing. IIITB believes that students learn by example and by direct experience because there are limits to the adequacy of verbal instruction. Thus paving the way to 'Translatable Research', a process in which research that translates into a product or a policy or a startup.

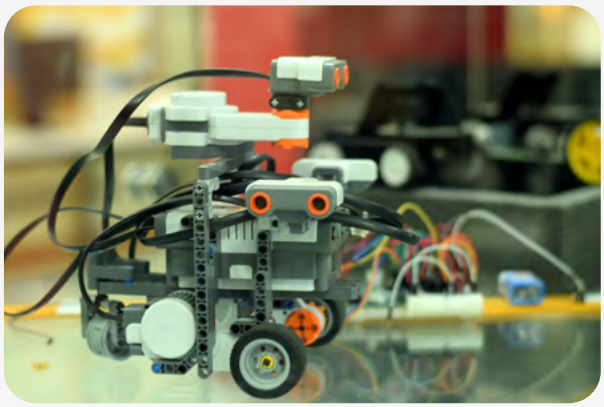
Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience. Experiential learning activities can include but are not limited to, hands-on laboratory experiments, internships, and research. Experiential Learning offers students learning opportunities on and off campus to facilitate continued growth and development. The main components of Experiential Learning are:

- Classroom based experiential learning
- Project Electives
- Lab-based courses
- Internships
- Research



Classroom based Experiential Learning

The classrooms at IIITB are state of the art and have been equipped with teaching aids that will facilitate teachers in purposefully engaging the students in direct experience and focused reflection in order to increase their understanding, develop skills, and clarify values. The teaching aids in the classrooms enable teachers to use their creativity and enhance the learning experience of students. Teachers at IIITB embrace the tenets of Benjamin Franklin's famous maxim – "Tell me and I forget, Teach me and I remember, involve me and I will learn." Though good lecturing in the classrooms are part of IIITB Professors' teaching repertoire, our faculty actively involves the students in their learning process through discussions, group work, hands-on participation, and acquiring information through problem solving in the classroom. Carefully chosen experiences in the classroom are supported by reflection, critical analysis and synthesis. Throughout the classroom sessions, the students are encouraged to actively participate by posing questions, investigating, experimenting, being curious, solving problems, assuming responsibility, being creative and constructive dialogues.



Project Electives

Also, our curriculum has separate courses called as Project Electives (PE), in which students are expected to gain hands-on experience. Project-based learning at IIITB drives students' learning by engaging them in real-world and relevant projects. It's a style of inquiry-based and student-centric learning. Students typically work in groups over a set period on a project designed to solve a genuine problem or answer a challenging question. Students demonstrate their knowledge and skills by creating a product or presentation for a public audience. Project based learning activities allow students to develop deep content knowledge. Importantly, it also supports in developing skills such as critical thinking, collaboration, creativity and communication.

Students do directly work under the mentorship of faculty, most likely in a Government or an Industry sponsored project. Students also typically engage themselves in small projects through a summer internship which is typically for a duration of 3 months. IIITB students also manage to get similar projects in foreign universities as part of summer internships programs.

Lab-based courses

In the lab-based course System design with Field Programmable Gate Array (FPGA), we have multiple modes of learning. The first aspect is to learn the theory of FPGA-based designs. The next aspect is to write Register Transfer Language (RTL) codes for the design and the third aspect is to learn the tool flow to program the code on the FPGA. The tool flow is taught in a flipped classroom mode, so that the class time is used to clarify doubts, help students debug their designs etc. The tool-flow is given as demos through recorded videos so that students learn at their own pace. The assignment and projects are done in groups so that students can discuss the design amongst themselves.

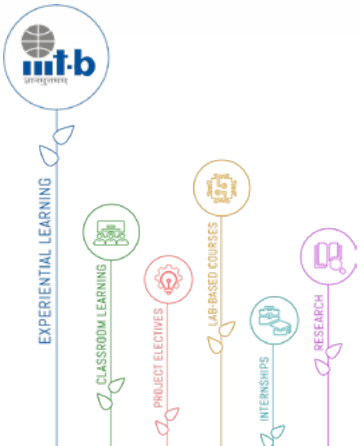
One-on-one support is given to the groups during class so that the difficulty of the tasks and assignments can be personalized according to the pace at which each group learns. Exams are conducted based on the design implementations followed by questions specific to their designs. In order to grade individual students within the groups, demos and viva are done so that the instructor can understand the depth of the student's understanding. Remote FPGA programming is made available to students who are unable to attend the class in-person or do not have access to a computer with specific tools.

Examples of some Lab Courses at IIITB	Details
ESS 201-Programming-2 Lab	Covers fundamental programming concepts, basic data structures, algorithmic processes, and basic security.
EC 211P Electronics Lab	Covers basic skills to handle components and operate the instruments with confidence. Students will be able to design and debug electronic circuits to solve a problem.
SM 203P Physics Lab (Hides Lab)	Integral theorems, electromagnetics, simple harmonic motion and wave motion, part of quantum mechanics, Euler-Lagrange equation and generalized momenta.
EC 306-Digital communication Lab	Basic principles behind the design of wireless systems such as cellular systems (3G/4G) and WiFi , wire-line systems including DSL, cable modems and an insight into the underlying principles behind the design and analysis of digital communication systems.
CS 303P-Software Engineering Lab	Provides foundational knowledge in Software Engineering and helps to understand critical concepts encountered while dealing with complex software projects.
EG 102P Data Structures and Algorithms Lab	Covers operations on data structures like arrays, linked lists, hashing, stack, queue, binary trees, priority queues, balanced binary search trees and graphs and their application in designing efficient algorithms.
EG 301 Operating Systems Lab	Covers Operating Systems which explain the issues that influence the design of contemporary operating systems.
EC 212P Analog Circuits Lab	Provides students with an in-depth knowledge of discrete transistor devices and circuit design using the transistors.
EC303 Principles of Communication systems Lab	Provides students with an introduction to the basics of analog communication systems, channel types, propagation characteristics at different frequencies and analog modulation techniques.
CS 301P Database Systems Lab	Covers conceptual and physical data models, IM methods and techniques that are appropriate for a given problem.
EC306-Digital Communication Lab	Provides an introduction to the basic principles behind the design of the broadband systems and get an insight into the underlying principles behind the design and analysis of digital communication systems.

Internships

A supervised, structured learning experience in a professional setting that allows students to gain valuable work experience in their chosen field of study. It also gives the student the opportunity for career exploration and development, and to learn new skills. An internship will be on most students' minds — an opportunity to jumpstart their professional careers and supplement their courses with hands-on experience. On-the-job learning reinforces what students learn in the classroom and teaches invaluable skills like time management, communication, working with others, problem-solving, and, most importantly inculcates the willingness to learn.

At IIITB, for both our Masters and Integrated Masters programs, internships are mandatory and will be for a duration of a semester (6 months). Our curriculum emphasizes on internship which provides real-world exposure to the students. While the courses emphasize concepts and abstract principles, internships involve applying the acquired skills on real world problems. In fact, our students are also highly sought-after, they manage to get offers within a couple of weeks of the placement season. There are two main reasons why our students are very employable. First, our faculty have extensive work experience in the industry, so most courses have real- world assignments and projects. Many-a-times companies based on this experience give a full-time job offer to the students subsequently. In some cases, our students have obtained international internships well. This gives them additionally a diverse international exposure, along with work experience.



Research

Most of our research is initiated by the Government of Karnataka through seed funding aimed at solving societal issues, and a substantial portion of our research is also through industry support. Right from the beginning, our institute is following the 80:20 rule in research, 20 percent of it is devoted to abstract research, and the remaining 80 percent of research is delved on applied research that can solve problems in the real world. The main purpose of research at the institute is to go beyond preparing case studies, theses and reports which led to the birth of research centres such as E-Health Research Centre (EHRC), Machine Intelligence & Robotics CoE (MINRO), COMET Foundation and Cognitive Computing CoE (CCC) that are making valuable contributions to the society..

Apart from Research Centres, the research labs provide students the hands-on experience to understand the challenges in their specific research areas of interest.

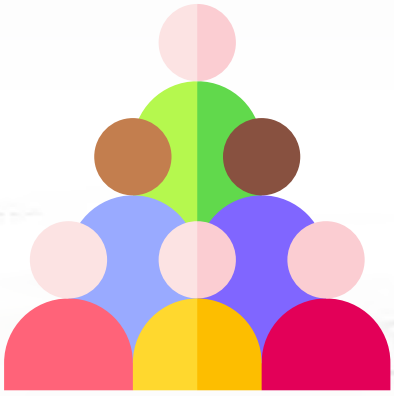
- Surgical and Assistive Robotics Lab (SARL), carry out research and development in the area of Surgical and Assistive Robotics.
- Graphics-Visualization Computing Lab works on topics of visual analytics and spatial computing.
- Web Science Lab (WSL) focuses on building models to extract semantics and understand the impact of the web on different facets of human life.
- The Multimodal Perception lab focuses on human-centered sensing and multimodal signal processing methods to observe, measure, and model human behaviour.

By choosing project electives of their interest, students can work in any of these labs which helps them to earn credits and are motivated to take up research as they eventually do get different perspectives while working on the project. Students working in these labs are guided by Institute faculty as primary supervisors and experts from Industry as secondary supervisors.

Our innovation centre has a mentorship programme, in which students who want to take up entrepreneurship get mentored both by the institute's faculty members and industry experts. Here we bridge research, innovation and entrepreneurship through startups.

3

GOVERNING BODY



GOVERNING BODY MEMBERS

Mr. S Gopalakrishnan
Chairman Governing Body,
Co-Founder, Infosys

Prof Debabrata Das
Director,
IIIT Bangalore

Mr. B V Naidu
Chairman,
Sagitaur Ventures Pvt. Ltd.

Mr. I S N Prasad, IAS
Additional Chief Secretary,
Government of Karnataka

Dr. E.V. Ramana Reddy, IAS
Additional Chief Secretary,
Government of Karnataka

Shri Giridhar Aramane, IAS
Secretary MoRTH,
Government of India

Mr. R Chandrashekhar, IAS (Retd.)
Former President, NASSCOM

Mr. Gururaj Deshpande
Chief Operating Officer,
EdgeVerve Systems

Mr. K S Viswanathan
Vice President (Industry Initiatives),
NASSCOM

Mr. Naresh Shah
Former President, India R&D
Hewlett Packard Enterprise

Mr. T K Srirang
Senior General Manager,
Head Human Resource,
ICICI Bank

Mr. Uday Hegde
Co-founder & CEO,
USEReady

Ms. Kishore Ramisetty
Vice President,
Data Platforms Group

Mr. Rishikesha T Krishnan
Director,
Indian Institute Of Management - Bangalore

Cmde SR Sridhar (Retd.)
Registrar IIIT Bangalore,
Secretary to the Board

HIGHLIGHTS OF

GOVERNING BODY MEETING

September 1, 2021
84th Meeting of the Governing Body

1. Confirmation of the minutes of the 83rd Governing Body meeting held on July 4, 2021.
2. The Registrar gave an update on the actions taken. The Governing Body took note of the actions taken.
3. Election/nomination of New Member the Governing Body placed on record the appreciation and sincere thanks for all the services rendered by the following outgoing members on completion of their respective terms: Ms Nivruti Rai, Prof Pankaj Chandra, Prof Annale Saxenian
4. The Governing Body approved the membership of Mr Kishore Ramisetty in the category of "Individual Member drawn from Industry". The Chairman welcomed Mr Kishore Ramisetty to the Governing Body.
5. M/s Maheswari Associates, Chartered Accountants, Bangalore were appointed as the Internal Auditors for the Financial Year 2020-21.
6. M/s Rao Associates, Chartered Accountants were appointed as statutory auditors for the financial year 2020-21.
7. Constitution of the subcommittee of Governing Body for the purchase of land available for sale by M/S Cosmic Industrial Laboratories Ltd
8. Proposal for extension and addition of more experts to serve on the Faculty Selection and Promotion committee.
9. The following points were reported to the Governing Body:

- Prof Debabrata Das took over as Director, IIITB on July 4, 2021 and all statutory authorities/regulating bodies have been informed about the same.
- Campus preparedness for Students' return to campus
- Admissions for the Academic year 2021-22
- New faculty reporting & Promotions: Dr Nikhil Krishnan and Dr Prem Singh
- Promotions from Associate Professor to Professor: - Prof Meenakshi D' Souza and Prof Manisha Kulkarni.
- Submission of documents for accreditation by NAAC.

November 3, 2021
85th Meeting of the Governing Body

1. The Chairman welcomed Mr Giridhar Aramane, IAS and Prof Rishikesha T Krishnan and the Governing Body also approved their membership in the category of Individual member drawn from Government of India and Individual member drawn from educationists/ academia respectively.
2. Purchase of land available for sale by Cosmic Industrial Laboratories Ltd – Subcommittee Report /Briefing.
3. Extension of contract of Director of MIIT: Registrar brought to the attention of the Governing Body Members that the term of the Director, MIIT, Dr KRV Subramanian is coming to an end on December 31st, 2021. Registrar also informed the members that Dr KRV Subramanian has turned 65 years of age, because of which, the approval of the Governing Body is being sought for extension of the existing contract.

4. The Governing Body approved the extension of the term of current contract in respect of Dr KRV Subramanian up to March 31st 2022 as a special case in order to facilitate smooth handing over of MIIT to concerned Myanmar authorities.
5. Extending facility of SODEXO cards for faculty and staff for the purpose of food.
6. The Director briefed the members about the following points: Annual Faculty Appraisal, Annual Staff Appraisal, Faculty Promotion, NAAC
7. The Registrar briefed the members about MIIT's exit plan, project extension and Remote support by way of online Faculty Development Programmes and on-site Academic Administrative Development Programmes as requested by MEA from April 2022 to May 2023.
8. MOSIP Briefing: Prof Rajagopalan, the PI for MOSIP project briefed the members on Long Term Support Version (LTS) and technical support and advisory for adopting countries, national roll outs, project vision, mission an roadmap for the next 4 years and FCRA renewal process.
9. Chairman directed the Registrar to send a note to Mr. Giridhar Armane, IAS with regard to the renewal of FCRA. Chairman requested Mr. Giridhar Amane to use his good offices to help IIITB in this regard.
10. Briefing on NAAC: Registrar apprised the members that IIITB is in the process of renewing the NAAC accreditation. He further stated that the accreditation for the next 5 years is based on the period of assessment from 2015-16 to 2019-20.
11. Other points reported to the Board:

- Students return to campus
- Admissions for the current academic year
- Signing of the MoA for Center for Internet of Ethical Things (CIET)
- Prof Madhav Rao, was named as a 2021 recipient of IBM Global University Program Academic Award.
- Prof Srinivas Vivek has been awarded the prestigious Infosys Foundation Career Development Chair Professorship.
- Launch of Margadarshi by Hon'ble Minister of Primary & Secondary Education B C Nagesh,Chief Secretary Ravikumar. Prof Dinesh Babu Jayagopi was honoured for his contribution to developing the Margadarshi, UPSC Interview Guidance Platform.

March 9, 2022
86th Meeting of the Governing Body

1. Recording of Circular Resolution-Leave Encashment of Prof S Sadagopan
2. The Annual Budget for 2022-23 as recommended by the Sub Committee of the Governing Body (Audit and Finance) was presented to the Governing Body members by the Chief Finance Officer (CFO).
3. Proposal for increase in Tuition and Mess Fee
4. A proposal for Annual Pay Increment for faculty and staff as recommended by the Sub Committee of the Governing Body (Audit and Finance).
5. The Summarized observations of Internal Audit for the Half year ended 30th September 2021 was taken note of.

July 3, 2022
87th Meeting of the Governing Body

1. Consideration and approval of Award of Degrees
   - Award of PHD Degrees
   - Award of Master of Science by Research Degrees
   - Award of B Tech and M Tech Degrees to Integrated MTech students.
   - Award of MTech Degrees.
   - Award of MSc (Digital Society) Degrees.
   - Award of Scholarships and Medals.
   - Analysis of "Class of 2022"

4

SENATE


EXPERIENTIAL LEARNING
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SENATE MEMBERS

CHAIRMAN: Prof Debabrata Das

MEMBERS, EDUCATIONISTS OF REPUTE

1. Prof S S Prabhu
2. Dr. Roland Haas
3. Mr. S Nagarajan (Senior Industry Technologist)
4. Dr Nachiket Mor
5. Prof Kriti Ramamritham

TEACHING MEMBERS

6. Prof R Chandrashekar, Dean (Academics)
7. Prof Jyotsna Bapat, Dean (Faculty)
8. Prof Srinath Srinivasa, Dean (R&D)
9. Prof S Rajagopalan
10. Prof K V Dinesha
11. Prof Balaji Parthasarathy
12. Prof G N Srinivasa Prasanna
13. Prof T K Srikanth
14. Prof G Srinivasaraghavan
15. Prof Shrisha Rao
16. Prof V Ramasubramanian
17. Prof Chetan Parikh
18. Prof Subir Kumar Roy
19. Prof V Sridhar
20. Prof B Thangaraju
21. Prof Manisha Kulkarni
22. Prof Meenakshi D'Souza
23. Prof V N Muralidhara
24. Prof Neelam Sinha
25. Prof Jaya Sreevalsan Nair
26. Prof Balakrishnan Ashok
27. Prof Subhajit Sen
28. Prof Amit Prakash
29. Prof Madhav Rao
30. Prof Dinesh Babu Jayagopi
31. Prof Ashish Choudhury
32. Prof Sujit K Chakrabarti
33. Prof Bidisha Chaudhuri
34. Prof Janaki Srinivasan
35. Prof Manish Gupta

NON-TEACHING MEMBERS

1. Cmde S R Sridhar (Retd) – Registrar and Secretary to the Senate
2. Ms. Cynthia D'Mello – Staff Officer-Deans' office
3. Ms. Ramadevi S – Librarian
4. Mr M K Durai Murugan – Systems Manager

HIGHLIGHTS OF
SENATE MEETINGS

July 20, 2021
81st Senate Meeting

- Prof R Chandrashekar, Dean Academics welcomed Professor Debabrata Das, Director and Chairman Senate to the Senate meeting. Chairman welcomed all the members for the 81 st meeting of the Senate and initiated the meeting.
- The Senate approved the Course proposal titled "DT314 An Introduction to Accessibility in the Global South" submitted by Prof Amit Prakash.
- The Senate noted the completion of Academic Milestone(s) of the PhD students.

October 20, 2021
82nd Senate Meeting

- Prof Chandrashekar briefed the Senate with regard to implementation of the Academic Integrity Policy
- Consideration and Recommendation of the Student(s) for Award of Master of Science by Research Degree
- The Senate noted that the Thesis examinations and Academic Milestone(s) were conducted online via video conferencing due to COVID-19 and all thesis submissions by graduating students were subjected to requisite plagiarism checks and were found okay.
- The Senate ratified the approval of the two new course proposals titled "CS753 / Software Design Practices" submitted by Prof Sujit Kumar Chakrabarti and "VL 820 / Physical design of ASIC's" by Prof Nanditha Rao which were introduced in Term 1 of 2021-22 with approval of the Chairman Senate.
- The Senate noted the update from the Senate Sub-Committee for CPE (PGD and PGC).
- The Senate approved the course proposal titled "Formal Methods in Artificial Intelligence: Conceptual Modelling and Knowledge Representation" submitted by Prof Srinath Srinivasa.

December 3, 2021
83rd Senate Meeting

- Consideration and Recommendation of the Student(s) for Award of PhD Degree
- Consideration and Recommendation of the Students for Award of Master of Technology degree
- The Chairman Senate constituted a Senate Sub-Committee with Prof V Sridhar, Prof Chandrashekar Ramanathan and Prof Uttam Kumar for the PG Diploma in Data Science (PGDDS) and related programmes:
- Prof Chandrashekar Ramanathan briefed the committee ensuing the NAAC visit.

February 9, 2022
84th Senate Meeting

- NAAC Accreditation – 2nd cycle (AY 2015-16 to AY 2019-20) The National Assessment and Accreditation Council (NAAC) has graded

the International Institute of Information Technology Bangalore as A+ in the second cycle of accreditation.

- Consideration and Recommendation of the Student(s) for Award of PhD Degree.
- Consideration and Recommendation of the Student(s) for Award of Master of Science by Research Degree
- Consideration and approval of Admissions Announcements – M.Sc. (Digital Society)
- Consideration and approval of the Leave rules for Students and research scholars
- Consideration and approval - Industry Sponsored M.Tech. Programme for Working Professionals at IIIT Bangalore
- New course proposals
- Update from the Senate sub-committee for CPE

April 6, 2022
85th Senate Meeting

- Consideration and Recommendation of the Student(s) for Award of PhD Degree
- Consideration and Recommendation of the Student(s) for Award of Master of Science by Research Degree
- Launching of Online Degree programmes
- New course proposal for consideration and approval of the Senate
- AQAR report for the year 2020 – 2021 status
- Increase in intake of Integrated MTech Students
- Update from the Senate sub-committee for IBAB pertaining to the joint IBABIIITB PG Diploma in Big Data Biology (PGDBDB) for the information of the Senate.
- Update from the Senate sub-committee for CPE

June 15, 2022
86th Senate Meeting

- Prof Chandrashekar Ramanathan, Dean Academics, presented to the Senate the graduation summary of the outgoing batch.
- Consideration and recommendation of the Student(s) for award of PhD degree.
- Consideration and Recommendation of the Student(s) for Award of Master of Science by Research Degree
- Consideration and Recommendation of the Students for Award of Master of Technology degree.
- Consideration and Recommendation of the Students for Award of Master of Science (Digital Society) degree.
- Consideration and Recommendation of the Students for Award of Master of Technology and Bachelor of Technology degree to Integrated MTech students
- Consideration and Recommendation of the students for awards / medals
- Special admission to PhD program
- Update from the Senate sub-committee for CPE

July 20, 2022
87th Senate Meeting

- New course proposals and change in course title for consideration and approval of the Senate
- Matters related to Research scholars - For consideration and approval of the Senate
- Update from the Senate sub-committee for CPE

5

CONVOCATION

IIIT BANGALORE CONFERRED

294 GRADUATES

WITH DEGREES DURING

22ND CONVOCATION

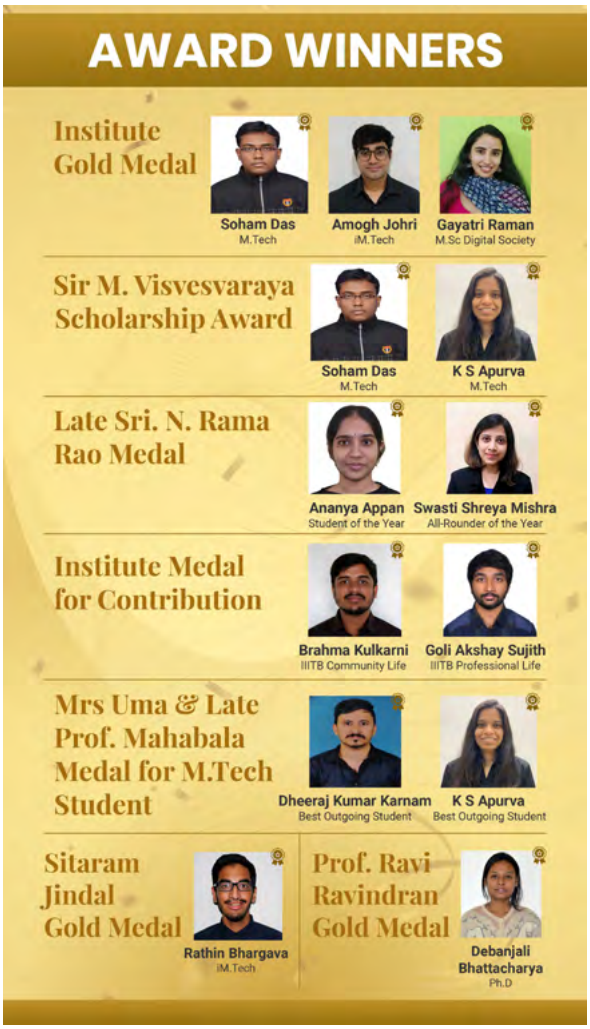
Convocation is the celebration and culmination of the academic efforts and rigour of our students. The Convocation ceremony is a much-revered ritual. The 22nd Convocation of IIIT Bangalore was special in many ways. July 3rd was the first in-campus ceremony that the institute has hosted since July 2019, post COVID-19 pandemic. It was the first Convocation after Prof Debabrata Das took over as the Director of IIIT Bangalore. The newly built Auditorium in Ramanujan Block was all set to confer degrees to the 2022 graduates.

The Academic procession marked the beginning of the IIIT Bangalore Convocation Ceremony. A highlight of this year's convocation was the participation of the Brass Band of the Elite Corps of Military Police (CMP) of the Indian Army whose Regimental Centre is headquartered in Bangalore. The procession led by the Registrar, Commodore SR Sridhar and Dean(Academics) Prof R Chandrashekar comprised the graduating students and it started from the Aryabhata Block way up to the dais of Amanthran.

The ceremony was graced by **Chief Guest, Dr. Pratima Murthy, Director, NIMHANS and Guest of Honour, Mr. S.D Shibulal, Co-Founder, Infosys Ltd and Co-Founder, Axilor Ventures** The ceremony was presided over by the Chairman of the IIIT Bangalore Governing Body **Mr. Kris Gopalakrishnan.**

The ceremony that took place on the beautiful green campus of IIIT Bangalore saw 294 students graduate from the institute. The students were from various academic programs – Doctor of Philosophy (10), Master of Science by Research (23), Integrated Master of technology CSE (46), Integrated Master of Technology ECE (19), Master of Technology CSE (157), Master of Technology ECE (20) and Master of science Digital Society (19), 68 students who graduated were female and 226 were male.

The highlights of the ceremony included celebrating students' achievements, with awards and medals. The Institute Gold medals were awarded to the best graduating students- Soham Das, Amogh Johri and Gayatri Raman. Ms Ananya Appan was awarded the Late Sri. N. Rama Rao Medal for Student of the Year.



Addressing the graduating batch Dr. Pratima Murthy said, “I hope you were able to turn the challenges into opportunities. Getting a reward for your effort is fine, it is equally important to take cognizance of what you bring to the society. Regarding the tele mental health initiative, e-Manas that the country has rolled out, will take us much further and the strength of the collaboration between NIMHANS & IIITB will continue.”

Speaking on the occasion Mr. SD Shibulal said, “One of the most important concerns for you students today is regarding uncertainty and last 2 years this concern has only increased. Uncertainty and change are here forever. But to take a decision under these circumstances is the most crucial.”

Speaking on the occasion, Mr. Kris Gopalakrishnan, Chairman, IIIT Bangalore said, “I am truly happy to be at IIIT Bangalore to share the joy and excitement of the students. All of the hard work of the faculty and the students have paid off! As the students cross this important milestone in their life and embark on their professional journey, I am sure all of them will contribute significantly to bringing economic prosperity to our beloved country. I am proud of all graduating students who are well-equipped with problem-solving skills and backed by multidisciplinary studies within the IT discipline, which is needed by the industry.”

While congratulating the students on their graduation, Prof Debabrata Das, Director, IIIT Bangalore, said, “IT has made substantial and revolutionary contributions to medical care, financial business, education etc. With the current challenges of economic growth, pandemic and geo political scenarios, we see numerous career opportunities and progress for our graduates. Our students have received employment offers from leading technology firms like Apple, Amazon, Adobe, Goldman Sachs, Salesforce to name a few. In line with the recommendation of the NEP 2020, now we are planning to roll out multidisciplinary degree programs in partnership with other complementary institutions.”

6

NAAC ASSESSMENT

NATIONAL ASSESSMENT & ACCREDITATION COUNCIL

The National Assessment and Accreditation Council (NAAC) graded IIIT Bangalore as "A+" in the second cycle of accreditation. The grade, **"A+"** implies "Very Good performance" across the following seven criteria of assessment made by NAAC:

- Curricular Aspects
- Teaching-Learning and Evaluation
- Research, Innovation and Extensions
- Infrastructure and Learning Resources
- Student Support and Progression
- Governance, Leadership and Management
- Institutional Values and Best Practices

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare the
International Institute of Information Technology
(Deemed to be University u/s 3 of the UGC Act, 1956)
Electronics City, Phase-I, Bengaluru, Karnataka as
Accredited
with CGPA of 3.37 on four point scale
at A+ grade
valid up to December 20, 2026

Date : December 21, 2021

Director

EC(SC)/85/2nd Cycle/KAUNGN11028

7

IQAC


EXPERIENTIAL LEARNING
CLASSROOM LEARNING
PROJECT ELECTIVES
LAB-BASED COURSES
INTERNSHIPS
RESEARCH

17TH INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

CHAIRPERSON

Prof Debabrata Das, Director

COORDINATOR

Prof Chandrashekhar Ramanathan, Dean (Academics)

FACULTY MEMBERS

- Prof Madhav Rao, Coordinator (iMTech)
- Prof V N Muralidhara, Coordinator (MTech)
- Prof Bidisha Chaudhury, Coordinator (MSc Digital Society)
- Prof Meenakshi DSouza, Coordinator (MS/Ph.D)
- Prof Amit Prakash, Coordinator (Students Affairs)
- Prof Srinath Srinivasa, Dean (R&D)
- Prof Jyotsna Bapat, Dean (Faculty)
- Mr Vivek Yadav, Adjunct Faculty – Alumni

SENIOR STAFF MEMBERS

- Cmde S R Sridhar (Retd), Registrar
- Mr S Piramanayagam, Chief Finance Officer
- Mr Jagadish P Patil, Chief Administrative officer

INVITED MEMBERS

- Dr GR Sinha, Adjunct Professor
- Ms Cynthia DMello, Staff Officer- Dean's Office
- Ms Akshatha, Registrar's Office
- Mr Somashekar, Associate Librarian and Archivist
- Ms Vandana Bhavanishankar, HR & Process Administrator

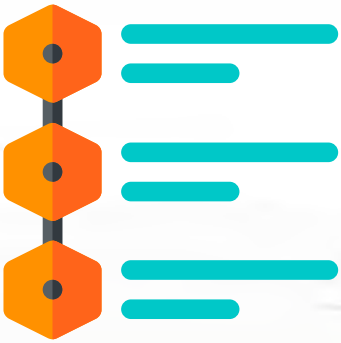
July 19, 2022

KEY HIGHLIGHTS 17TH IQAC MEETING

- Strengthening of the Faculty Outreach activities including Awards, Honours, Editorial assignments, Keynote/Invited talks, Session Chair, Attending Seminars and Workshops
- Feedback about graduating students (Class of 2022)
- Review of value-added courses, workshops, training programs, FDP, etc.
- Continuous Development of Competencies and Capacity building through research centres.
- Best Practices for the current academic year
- Recording of outcomes of Industry advisory board related to quality outcomes of industry-institute interaction
- Plan for Workshops and Guest lectures on IPR, Research Methodology, Entrepreneurship, Quality initiatives, OBE, NAAC, NBA etc.
- Encouraging Students for Research and Higher Studies and keeping track of recognitions/achievements of students
- Development/ procurement of a platform for proper archival systems for obtaining the data and maintaining the records of various NAAC parameters

8

DEAN'S LIST




EXPERIENTIAL LEARNING
CLASSROOM LEARNING
PROJECT ELECTIVES
LAB-BASED COURSES
INTERNSHIPS
RESEARCH

DEAN'S LIST - JUNE 2022

The Dean's List at IIITB honors the students of MTech and MSc(DT) who have attained a cumulative GPA of 3.75 or above. The list is updated annually.

#	Roll No	Name	Program
1	DT2020009	Gayatri Raman	Master of Science (DT)
2	DT2021017	Vinayak Jha	Master of Science (DT)
3	MT2020010	Neha Kothari	Master of Technology CSE
4	MT2020011	Kalanadhabhatla Sambhavi Apurva	Master of Technology CSE
5	MT2020053	Ankita Paul	Master of Technology CSE
6	MT2020054	Shourabh Payal	Master of Technology CSE
7	MT2020501	Rony Thomas Samuel	Master of Technology ECE
8	MT2020502	Soham Das	Master of Technology ECE
9	MT2020516	Navneet Kour	Master of Technology ECE
10	MT2021017	Ankita Dutta	Master of Technology CSE
11	MT2021026	Ashutosh Kalpesh Soni	Master of Technology CSE
12	MT2021029	Mehta Bhargav Rakeshkumar	Master of Technology CSE
13	MT2021044	Radadiya Divyesh Bharatbhai	Master of Technology CSE
14	MT2021049	Mujumdar Gururaj Pranesh	Master of Technology CSE
15	MT2021054	Himank Jain	Master of Technology CSE
16	MT2021059	Manjaly Jasvin James	Master of Technology CSE
17	MT2021060	Ray Jayprakash Dharmnath	Master of Technology CSE
18	MT2021143	Swaraj Kumar Bhatnagar	Master of Technology CSE
19	MT2021153	Vishal Rai	Master of Technology CSE
20	MT2021527	Rohit Rohit	Master of Technology ECE

The Dean's List at IIITB honors the students of Integrated Mtech (iMTech) who have attained a cumulative GPA of 3.60 or above. The list is updated annually.

#	Roll No	Name	Program
1	IMT2017003	Amogh Johri	Integrated Master of Technology CSE
2	IMT2017004	Ananya Appan	Integrated Master of Technology CSE
3	IMT2017008	Arjun Verma	Integrated Master of Technology CSE
4	IMT2017009	Ayush Yadav	Integrated Master of Technology CSE
5	IMT2017011	Brahma Kulkarni	Integrated Master of Technology CSE

6	IMT2017013	Deep Inder Mohan	Integrated Master of Technology CSE
7	IMT2017016	Eric John	Integrated Master of Technology CSE
8	IMT2017020	Gurleen Kaur	Integrated Master of Technology CSE
9	IMT2017024	Kaushal Mittal	Integrated Master of Technology CSE
10	IMT2017027	Seelam Lalitha	Integrated Master of Technology CSE
11	IMT2017033	Rahul Murali Shankar	Integrated Master of Technology CSE
12	IMT2017034	Kotlo Budde Ravi Kiran Reddy	Integrated Master of Technology CSE
13	IMT2017039	Seethamraju Purvaj	Integrated Master of Technology CSE
14	IMT2017043	Swasti Shreya Mishra	Integrated Master of Technology CSE
15	IMT2017047	Yeddula Sai Dhanush Reddy	Integrated Master of Technology CSE
16	IMT2017511	Kocherla Nithin Raj	Integrated Master of Technology ECE
17	IMT2017513	Mili Goyal	Integrated Master of Technology ECE
18	IMT2017517	U Prateksha	Integrated Master of Technology CSE
19	IMT2017521	S Ram	Integrated Master of Technology CSE
20	IMT2017522	Rathin Bhargava	Integrated Master of Technology CSE
21	IMT2017523	Ronak Doshi	Integrated Master of Technology ECE
22	IMT2017524	Kalyanapu Sailesh	Integrated Master of Technology ECE
23	IMT2017525	S Prasanth	Integrated Master of Technology ECE
24	IMT2018009	Anish Rajan	Integrated Master of Technology CSE
25	IMT2018010	Veluri Aravind	Integrated Master of Technology CSE
26	IMT2018016	Bharath Kumar Joshi	Integrated Master of Technology CSE
27	IMT2018033	Jishnu Vinod Kumar	Integrated Master of Technology CSE
28	IMT2018051	Nikitha A N	Integrated Master of Technology CSE
29	IMT2018052	Nipun Goel	Integrated Master of Technology CSE
30	IMT2018059	Rohit Katlaa R	Integrated Master of Technology CSE
31	IMT2018060	Vaghasiya Sahaj Kuman	Integrated Master of Technology CSE
32	IMT2018067	Sama Sai Karthik	Integrated Master of Technology CSE
33	IMT2018069	Shashank Reddy Chirra	Integrated Master of Technology CSE
34	IMT2018072	Joshi Soham Mahesh	Integrated Master of Technology CSE
35	IMT2018086	Vinayak Agarwal	Integrated Master of Technology CSE
36	IMT2018504	Arpitha Malavalli Srivathsa	Integrated Master of Technology ECE
37	IMT2018509	Karthik Hegde	Integrated Master of Technology ECE
38	IMT2018523	Shubhayu Das	Integrated Master of Technology ECE
39	IMT2018527	Tanmay Joshi	Integrated Master of Technology ECE
40	IMT2019001	Abhinav H Kamath	Integrated Master of Technology CSE
41	IMT2019004	Adrij Sharma	Integrated Master of Technology CSE
42	IMT2019010	Ankit Agrawal	Integrated Master of Technology CSE
43	IMT2019012	Archit Sangal	Integrated Master of Technology CSE
44	IMT2019026	Dakannagari Dhamodhar Reddy	Integrated Master of Technology CSE
45	IMT2019028	Divyam Agrawal	Integrated Master of Technology CSE
46	IMT2019030	G Sri Harsha	Integrated Master of Technology CSE
47	IMT2019033	Ghazi Shazan Ahmad	Integrated Master of Technology CSE

48	IMT2019043	Kautuk Raj	Integrated Master of Technology CSE
49	IMT2019048	Lovejeet Singh Parihar	Integrated Master of Technology CSE
50	IMT2019055	Muppuri Siva Jagadesh	Integrated Master of Technology CSE
51	IMT2019057	Nandakishore S Menon	Integrated Master of Technology CSE
52	IMT2019063	R Prasannavenkatesh	Integrated Master of Technology CSE
53	IMT2019068	Rachapudi Maruthi Sriram	Integrated Master of Technology CSE
54	IMT2019069	Rachna S Kedigehalli	Integrated Master of Technology CSE
55	IMT2019070	Rajath Rao K.N	Integrated Master of Technology CSE
56	IMT2019075	Samaksh Dhingra	Integrated Master of Technology CSE
57	IMT2019091	Venkat Suprabath Bitra	Integrated Master of Technology CSE
58	IMT2019092	Bondugula Vignesh	Integrated Master of Technology CSE
59	IMT2019514	Phani Sriram Vadali	Integrated Master of Technology ECE
60	IMT2019525	Vijay Jaisankar	Integrated Master of Technology CSE
61	IMT2019529	Raghava S N	Integrated Master of Technology ECE
62	IMT2020004	Sooraj Sathish	Integrated Master of Technology CSE
63	IMT2020009	Sathvik I Bhat	Integrated Master of Technology CSE
64	IMT2020014	Netradeepak Manoj Chinchwadkar	Integrated Master of Technology CSE
65	IMT2020018	Rachit Agrawal	Integrated Master of Technology CSE
66	IMT2020024	Pavan Thanay Muthyala	Integrated Master of Technology CSE
67	IMT2020039	Anshul Jindal	Integrated Master of Technology CSE
68	IMT2020053	Chaitanya Manas Cheedella	Integrated Master of Technology CSE
69	IMT2020056	Rudransh Dixit	Integrated Master of Technology CSE
70	IMT2020069	Chinmay Pankaj Parekh	Integrated Master of Technology CSE
71	IMT2020081	Arin Awasthi	Integrated Master of Technology CSE
72	IMT2020094	Riddhi Chatterjee	Integrated Master of Technology CSE
73	IMT2020501	Shreyansh Rajeeva Rai	Integrated Master of Technology CSE
74	IMT2020502	Monjoy Narayan Choudhury	Integrated Master of Technology CSE
75	IMT2020509	Hardik Khandelwal	Integrated Master of Technology CSE
76	IMT2020523	Kedar Yogesh Deshpande	Integrated Master of Technology ECE
77	IMT2020561	Ishaan Sanjay Jalan	Integrated Master of Technology ECE
78	IMT2021009	Madhav Sood	Integrated Master of Technology CSE
79	IMT2021011	Deepkumar Patel	Integrated Master of Technology CSE
80	IMT2021016	Harsh Kumar	Integrated Master of Technology CSE
81	IMT2021019	Siddharth Kothari	Integrated Master of Technology CSE
82	IMT2021022	Subhajeet Lahiri	Integrated Master of Technology CSE
83	IMT2021028	Sankalp Kothari	Integrated Master of Technology CSE
84	IMT2021037	Neil Jeetendra Handa	Integrated Master of Technology CSE
85	IMT2021040	Vikas Kalyanapuram	Integrated Master of Technology CSE
86	IMT2021058	M Srinivasan	Integrated Master of Technology CSE
87	IMT2021101	Sai Madhavan G	Integrated Master of Technology CSE
88	IMT2021103	Shlok Agrawal	Integrated Master of Technology CSE
89	IMT2021524	Barath S Narayan	Integrated Master of Technology ECE

9

EVENTS & HAPPENINGS

EVENTS

August 30, 2021

National Sports Day

IIIT Bangalore celebrated National Sports Day as a tribute to Major Dhyanchand, a legendary hockey player of India. To spread awareness on the importance of sports, staying fit and healthy, the Sports Committee of IIIT Bangalore organized few games such as skipping rope and tic-tac-toe competitions for faculty, staff and students as the part of the event.

September 5, 2021

Teacher's Day

The faculty's role to teach, monitor, and provide advice for students on the academic front was very crucial during the pandemic. Recognising the efforts of faculty members, the students of IIIT Bangalore celebrated Teacher's Day in a unique manner. The students created a bunch of memes and stickers to show their gratitude toward their teachers.

September 8, 2022

Vaccination Drive

The second dose of vaccination for COVID was administered at Multipurpose hall. All personnel who were due for their second dose vaccination and wished to avail of the facility took their second dose. The family members of staff and faculty members also availed the facility. Vaccination was sourced through Kauvery Hospital, Electronic City.

September 15, 2021

Foundation Day

Celebrating the Foundation Day is an opportunity for an institute to come together and celebrate the proud history with its faculty, staff and students, IIITB Foundation Day was celebrated on a hybrid manner. In the virtual session, the Chief Guest, Dr. Manish Gupta, Director, Google Research India, Guest of Honour Cdr. K Vijay Kumar shared their valuable words to the audience. Our Director, Prof Debabrata Das addressed the audience and presented mementoes to all the faculty and staff members who had completed milestones based on the number of years they are part of IIIT Bangalore. The recipients of the mementos were Prof Srinath Srinivasa, Prof Shrisha Rao, Prof Neelam Sinha, Prof G Srinivasaraghavan, Prof Preeti Mudliar, Prof Amit Chatopadhyay, Prof Pradeesha Ashok, Ms. Rasmita Sahu and Mr. Vishnu Raj.

September 26, 2021

e-Graduation Ceremony of IIITB-UpGrad (PGD) Programmes

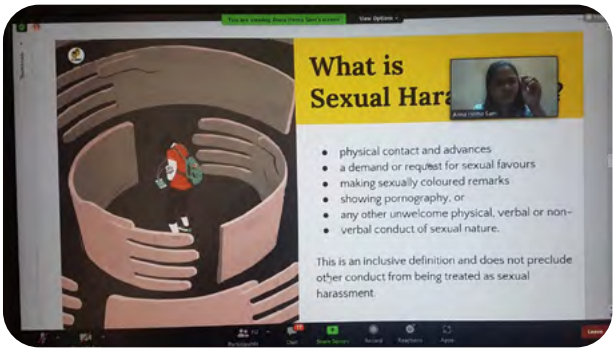
The 6th graduation ceremony of IIITB-UpGrad was held in a virtual mode for 2481 students (1397 with a PG Diploma in Data Science, 850 with a PG Diploma in AI/ML, 234 with a PG Diploma in Software Development with Blockchain or Full Stack development specialization).

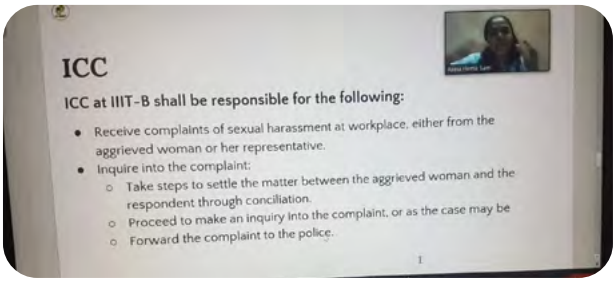
Mr. Siva Padmanabhan, UpGrad Co-founder was the Chief Guest at the virtual graduation ceremony. Mr. Ronnie Screwwala, Mr. Mayank, Co-Founders, Prof Chandrashekar Ramanathan, Dean (Academics), Prof V Sridhar, Faculty In Charge, CPE and Members of Senate from IIIT Bangalore were also virtually present. While congratulating the graduates, Prof Debabrata Das, Director of IIIT Bangalore said that there was a constant increase in the session ratings provided by students on the content. The uptake for online education grew in India, especially among working professionals.

October 5, 2021

Workshop on Gender Sensitisation

In the gender sensitivity workshop organised by Internal Complaints Committee of IIIT Bangalore, participants learned to diversify their perspectives and develop a more well-rounded comprehension of the human experience, which ultimately benefits everyone.





October 29

Session on Prevention of Sexual Harassment

A session to better understand, prevent and report sexual harassment was held for all administrative, project and start-up staff at IIIT Bangalore. The session was conducted by Ms. Kanti Joshi of SASHA India in hybrid mode. It was organised by IIIT Bangalore's Internal Complaints Committee (ICC).

November 3-4, 2021

Diwali

Diwali is all about lighting lamps, colourful rangolis, yummy food, and a lot of fun! The main attraction of the Diwali celebrations at IIIT Bangalore was the delineation of diyas (mud lamps) in the form of Lord Shri Rama. The students meticulously planned this activity. There were diya painting and rangoli competitions for the students on campus. All the students thoroughly enjoyed the DJ night and a special menu on all days added flavours to the Diwali festivities.

November 1, 2021

Aikyam –Fund Raising Events

Aikyam, the social wing of IIIT Bangalore takes up several social cause tasks throughout the year. This Club had organized a fundraising event to raise awareness and support for the unprivileged section of the society. A plethora of activities were held as a part of this event such as music concerts, silent auctions, half marathons, neighborhood cookouts, and more. Flash Mob by Dance Club, live performance by Music Club and closure volleyball match for IIITB Premier League along with live commentary gone well for fundraising.

November 9, 2021

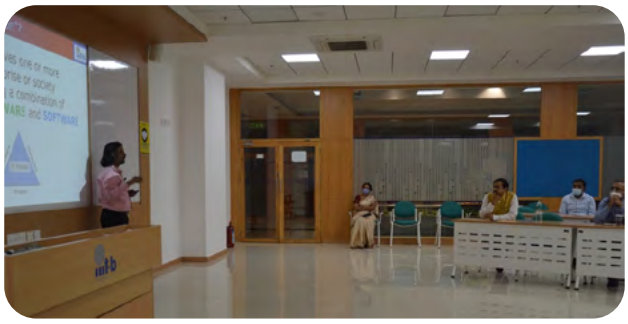
RMIT conference

As part of the 12th edition of the Ramanujan, Math and IT (RMIT) Conference, two eminent speakers gave talks on interesting topics. Prof Debdeep Mukhopadhyay (IIT Kharagpur & Shanti Swarup Bhatnagar Awardee) spoke on “Every Contact Leaves a Trace”: Side-channel and Micro-Architectural Attacks on Modern Cryptosystems”. The second speaker, Prof George Andrews (Pennsylvania State University & Fellow of the American Mathematical Society) spoke on “4-Shadows in q-Series, the Kimberling Index, and Garden of Eden Partitions — A Tribute to Hansraj Gupta”.

November 15, 2021

Training for Karnataka Government Officials

The IT training and development practices help in enhancing the performance in an organization. IIIT Bangalore held a training session for Government of Karnataka officials. Our Director, Prof Debabrata Das and Dean (Academics), Prof Chandrasekhar Ramanathan spoke on 'Strategies for Application Modernization', 'Efficient Management of Network Infrastructure' and 'Software Architecture Best Practices.'



December 15, 2021

Cultural Performance by Students for the NAAC Peer Team

The National Assessment and Accreditation Council (NAAC) Peer Team visited IIIT Bangalore for performance evaluation between December 12-15. On December 15, IIIT Bangalore held a cultural performance for the NAAC officials. The dance club, Impulse held a dance performance followed by Bharatanatyam performance. The theatre club, Parvaaz presented a mythological play, Gandhari Drishti, which was supported by the Music and Art Clubs.

December 20, 2021

Farewell to Prof Chetan Parikh

Prof Chetan Parikh, who served as a faculty member since 2015 at IIIT Bangalore opted to retire. IIIT Bangalore hosted a farewell party for him. In a heartfelt gathering, his fellow faculty members and students spoke about his good-willed nature and unique teaching abilities. Mrs. Radha Parikh, wife of Prof Chetan was also present at the farewell function.

December 22, 2021

Christmas Celebration

Christmas vibes came early to our campus as it was celebrated on December 23 by faculty, staff and students. The Christmas tree planted in front of Aryabhata Block was decorated. The celebrations included fun games, greetings from Santa (Ms. Padma Joseph, staff member), cake cutting by our Director, Prof Debabrata Das.

January 1, 2022

Ethnic Day and Bonfire

IIIT Bangalore welcomed New year day by organizing 'Ethnic Day'. All faculty and staff members celebrated the day and were dressed in traditional attire. Students had a gala time singing and dancing around the bonfire when the new year began.

January 5-8, 2022

Android Study Jams 2021-2022 by GDSC (Google Developer Student Club)

Google Developer Student Club (GDSC) at IIIT Bangalore conducted Android Study Jams, an event series introducing students to 'Kotlin', the Google framework for developing Android apps. Several sessions were conducted on the Google developer technology. Android Study Jams 2021-2022 was held during December 10, 2021-January 8, 2022.

The first session which was held offline on December 10 introduced the students to 'Kotlin' programme, hosted by Monjoy Choudhury (IMT2020502). The second session, a virtual hands-on tutorial by Ms. Sweta Kumari (Alumna of IIIT Bangalore), was held on December 31, 2021. A virtual hackathon was held during January 5-8, 2022.

January 8, 2022

4th edition of TEDxIIIT Bangalore on 'Unconventionality'

Themed around 'Unconventionality', TEDxIIIT Bangalore held a series of talks by eight inspirational speakers. These distinguished speakers took the road less taken, serving society in unconventional ways. The independently organised TEDx idea-sharing event was premiered virtually on January 8 on the TEDxIIITBangalore YouTube channel.

The speakers were Mr. Prateek Sethi (Creative Director at Trip Creative Services), Ms. Diksha Chabbra (Fitness Consultant and health advocate), Mr. Ankush Jain (Clinical Music Therapist), Ms. Chhavi Goel (Leading nutritionist), Mr. Badhri Seshadri (Musician and founder of Motta Maadi Music), Mr. Puneet Bhasin (Advocate and Advisor to the Rajya Sabha Committee on Internet and Technology laws), Ms. Preksha Kaparwan (AI industry stalwart) and Commodore G Prakash (veteran Naval Aviator and anti-submarine warfare specialist).

February 1

IIIT Bangalore mentioned in Union Budget 2022 Speech

It was an honoring moment for IIIT Bangalore when Finance Minister, Mrs. Nirmala Sitharaman mentioned in her Union Budget 2022 speech that NIMHANS to be the nodal center and IIIT Bangalore to provide technological support for the National Tele Mental Health Programme. This programme includes a network of 23 tele mental health centers of excellence with NIMHANS being the nodal center and IIIT Bangalore providing technology support.

February 17-19

RISE Event

IIIT Bangalore hosted its 6th edition of annual flagship event, RISE. The RISE symposium aimed to inspire contributions to society through research-led technological innovations and bring together students, academicians and corporate leaders to collaborate on the 4 dimensions of RISE - Research, Innovation, Society & Entrepreneurship.

The event began with a Research Colloquium on day one, led by PhD and Master of Science scholars presenting their research-led innovations and abstracts to an internal audience. The Technology Fest which was called 'Tech Fest' slated for day two was open to external participants and had an opening keynote by Mr. G. Raj Narayan, Founder & Managing Director of Radel India. It was followed by three panel discussions around 'Tech for remote education', 'Navigating a career in tech' and 'Data localization and its effect on businesses'. The Technology Fest also hosted debates, other competitions such as Crypto-Combat and CodeQuestand, and honor the winners of the ByteSynergy Hackathon. The winners will have the opportunity to collaborate with IIIT Bangalore's Innovation Centre.

The event was concluded on day three with an 'Open House', for corporate leaders and registered participants to interact with IIIT Bangalore faculty and discuss ongoing research projects as well as the potential collaboration opportunities.

March 4

Happy Healthy Hour

Happy Healthy Hour was a fun, recreational and healthy event organized for faculty and staff of IIIT Bangalore as a part of International Women's Day celebrations. A self-defense session was organised exclusively for women and a fitness session was organised for men too.

March 25-27, 2022

Spandan 2022

After two years of hiatus due to the pandemic, 'Spandan, the annual sports event of IIIT Bangalore finally hit the ground on March 25. It was inaugurated by our Director, Prof Debabrata Das. All participants including students, faculty and staff members took part in 18 different sports including Tennis, Badminton, Basketball, volleyball, football and so on. The three-day event was concluded with a prize distribution ceremony on March 27.

March 31, 2022

Farewell to Mr. Vikas

A farewell was held for Mr. Vikas, Facility Manager of IIIT Bangalore. He served the institute for over five years and supervised facility management, electrical maintenance, gardening and security staff.

April 1-3, 2022

Infin8

Infin8 is IIIT Bangalore's college annual fest the event that students eagerly wait for. Apart from the fun, frolic and platform that it offers to students to exhibit their talents. Infin8 was entirely organised by the student community. The students put in their best efforts to make Infin8 entertaining and exciting. There were back-to-back events, be it dance, music, drama and sports too.The three-day event was packed with simulation games, cultural activities, fun filled games, and much more. With a prize pool of Rs. 80,000, the competitions at the fest saw participation in zest. Taking a break from a hectic schedule, Infin8 provided the participants and guests with one-of-a-kind experience, rejuvenating and refreshing them. Like every year, infin8 gave students memories worth cherishing.

April 8, 2022

IIITB-CISF Friendly Volleyball Match

A friendly and non-competitive volleyball match brought cordiality between Central Industrial Security Force (CISF) and IIIT Bangalore on April 8. The winning team was CISF and the trophy was presented to the team by our Registrar, SR Sridhar, Commodore (Retd) along with Sports Officer, Dr. Neha Arora. Deputy commandant Ingle Abhishek Narayan graced the occasion as a guest.

April 9, 2022

10 Years of CITAPP

Centre for IT and Public Policy (CITAPP) completes its first decade. Ten years after its founding, it uniquely remains India's only center dedicated to probing the policy questions that emerge from the design, deployment and use of information/digital technologies. CITAPP has also attracted excellent faculty members and enthusiastic students who have strengthened its intellectual purpose. To mark this milestone, CITAPP held an event at Bangalore International Centre. A panel discussion on 'Breaking boundaries in research and practice' by Prof Balaji Parthasarathy from IIIT Bangalore, Mr. Nachiket Mor, from Banyan Academy of Leadership in Mental Health, Ms. Sobia Rafiq from Sensing Local and Ms. Tanuja Ganu from Microsoft Research, India was held. There was also a discussion featuring current students and alumni of IIITB's MSc (Digital Society), MS (by Research) and PhD programmes.

April 22, 2022

Health Talk

Good nutrition is necessary for both physical and mental health, as well as optimum productivity, so important in the workplace. In order to inspire employees to make healthier dietary choices that can enhance energy, health and wellness, a session, 'Health Talk' was conducted at IIIT Bangalore. A renowned registered dietitian nutritionist, Ms. Neha Mansata educated participants on the importance of nutritious food and she answered all queries from the participants.

May 13, 2022

YourDOST Orientation Session

IIIT Bangalore gives utmost importance to the holistic well-being of students. A well-set mind leads to an ample focus on academics as well. In a move to provide counseling services to students, faculty and staff, IIIT Bangalore has tied up with YourDOST, an online platform to offer free counselling services 24/7. On May 13, an orientation session was held for first year iMTech students.

May 21, 2022

COMET Foundation Workshop on 'Intelligent Reflecting Surfaces: Fundamentals and Applications'

As a part of IIITB COMET Foundation Workshop Series on Advanced Communication Systems, one-day virtual workshop on "Intelligent Reflecting Surfaces: Fundamentals and Applications" was held on May 21, 2022. Intelligent Reflecting Surfaces (IRS) are gaining traction worldwide as a means to create Smart Radio Environments (SREs) by introducing controllable reflectors that can improve the performance and 5G & Beyond networks. This workshop was organized to introduce participants to the basics of IRS and its application areas, including details on mathematical modelling. Prof Rajarshi Mahapatra (IIIT Naya Raipur) and Prof Priyanka Das (IIIT Bangalore) were the speakers in this workshop.

June 21, 2022

International Yoga Day

Yoga is nothing but a holistic approach to health and well-being. Every year, IIIT Bangalore considers Yoga Day as a great opportunity to promote yoga in campus and encourage students, faculty and staff to adopt healthy lifestyle practices. A Government-certified Yoga Trainer, Mr. Kaushik S V, Head-Institutional Programs, The Art of Living Foundation, lead a session in Sports Arena, Badminton Court (Ramanujan Building). The session was inaugurated by our Director, Prof Debabrata Das, Registrar, Commodore SR Sridhar (Retd.), Chief Administration Officer, Mr. Jagadish Patil, Chief Finance Officer, Mr. S. Piramanayagam and Sports Officer, Dr. Neha Arora.

July 26, 2022

IIIT Bangalore bid Farewell to Prof K V Dinesha

He was not only a go-to person for his colleagues and students for the last twenty years in IIIT Bangalore, but he was also a guide and a mentor in academic development. He is none other than Prof K V Dinesha, who was known for his calm demeanor. On July 29, IIIT Bangalore held a small gathering to bid a fond farewell to him in R103, where his students and colleagues, including our Director, Prof Debabrata Das gathered to express gratitude and wish him the best for his retirement life. He was accompanied by his by his wife, Prof Anuradha. Prof Das, Prof Chandrashekar Ramanathan, Dean (Academics), Prof Jyotsna Bapat, Dean (Faculty), and Commodore SR Sridhar, Registrar, shared their parting words and fondly recalled their working experience with him. They thanked him for all his efforts and hard work and expressed gratitude to him for all his uncommon contributions to realizing the academics and development of the institute. Ms. Kalpana Subramappa, Programme Manager, MINRO, who was his student recalled his guidance that helped her to excel in her studies then.

GUEST TALKS

SAMVAAD WEEKLY TALK SERIES

2021

July 16: "Eco-friendly and Sustainable Technologies - Case Studies of Projects Implemented by NIE-CREST" by Prof Sham Sundar Subbarao, NIE-CREST and Department of Mechanical Engineering, NIE, Mysore

July 19: "Practical Threshold Cryptography from Native Assumptions" by Yashvanth Kondi, Northeastern University

July 26: "Private Set Intersection" by Ms. Gayathri Garimella, Oregon State University

August 2: "Time-memory trade-offs for side-channel resistant cryptographic implementations" by Annapurna Valiveti and Prof Srinivas Vivek, IIIT Bangalore

August 9: "Trends and Challenges in Automotive Cyber Security" by Prof Roland Haas, IIIT Bangalore

August 16: "Streaming codes for low-latency communication" by Prof Nikhil Krishnan, IIIT Bangalore

August 23: "PHY layer processing for 5G-NR base station design" by Prof Prem Singh, IIIT Bangalore

August 30: "Intelligent Massive MIMO for beyond 5G Systems" by Abhay Kumar Sah, IIT Roorkee

September 6: "Online Education -- the Missed Opportunity" by Prof S. Sadagopan, IIIT Bangalore

September 13: "Analysis of radio spectrum pricing for commercial mobile services: A cross country study" by Prof V. Sridhar, IIIT Bangalore

September 20: "Assessments – The Achilles heel of online education" by Prof Chandrashekar Ramanathan, IIIT Bangalore

October 4: "Whither Technical Education? (During the Fourth Industrial Revolution)" by Prof S. S. Prabhu, IIIT Bangalore

October 11: "Access to Education amidst COVID-induced Lockdowns and Restrictions" by Prof Amit Prakash, IIIT Bangalore

October 18: "Questions: A window into children's minds" by Prof Jayashree Ramadas, (retired from) TIFR Hyderabad

October 25: "AI-based Narrative Arc Generation for an Engaging Learning Experience" by Chaitali Diwan and Prakhar Misra, IIIT Bangalore

November 8: "Automated Evaluation of Programming Assignments" by Prof Sujit Kumar Chakrabarti and Ms. Nikhila K N, IIIT Bangalore

November 15: "Multi-level Integrative Study of Multi-omics Cancer Data" by Ms. Reddy Rani Vangimalla, ZS Associate (IIITB Alumna)

November 22: "Towards Machine Learning Assisted Precision Epigenomics - Challenges and Opportunities" by Tanmayee Narendra, University of Tübingen (IIITB Alumna)

November 29: "Minimum complexity drives regulatory logic in Boolean models of living systems" by Areejit Samal, IMSc Chennai

December 6: "Targetting the epigenome for cancer therapy" by Prof Vijayalakshmi Mahadevan, IBAB

December 13: "Using multi-omic data to engineer cancer microenvironment" by Nameeta Shah, MSCTR

December 20: "miRNA Function: What do we gain by sequencing?" by Prof Vivek Tanavde, Ahmedabad University

2022

February 21: "Medical Image Segmentation with Self-Supervision Learning" by Prof Viswanath G, IIIT Bangalore

February 28: "AI in Blood Cancer Imaging" by Anubha Gupta, IIIT Delhi

March 7: "Computation and plasticity in the brain: Towards remedying the oversimplifications" by Rishikesh Narayanan, IISc Bangalore

March 14: "Compressed Sensing MRI: k-space Sampling to Reconstruction" by Raji Mathew, IISc Bangalore

March 21: "Quantifying human brain white matter microstructural organization using track weighted imaging" by Prof Rajikha Raja, University of Arkansas for Medical Sciences (IIITB Alumna)

March 28: "Medical Image and Signal Analysis" by The Research Group of Prof Neelam Sinha, IIIT Bangalore

April 4: "Spatiotemporal Data Analysis and Visualization: A Topological Feature Directed Approach" by Vijay Natarajan, IISc Bangalore

April 11: "Computing Topological Distances between Multivariate Data" by Prof Amit Chattopadhyay, IIIT Bangalore

April 18: "Studies of 3D MHD Turbulent Flows at Various Magnetic Prandtl Numbers" by Prof Shiva Kumar Malapaka, IIIT Bangalore

May 3: "System response to perturbations in maps and flows, or A physicist's guided tour of Ants(!) and of Sensory systems" by Prof B. Ashok, IIIT Bangalore

May 9: "Forecasting the Future: A Hybridization of Classical + ML Approach" by Prof Uttam Kumar and Tanujit, IIIT Bangalore

May 16: "Multiscale Computational Thinking in Data Science" by Prof Jaya Sreevalsan Nair, IIIT Bangalore

June 6: "Mobile Edge Computing and It's Standardization Aspects" by Prof Arzad Alam Kherani, IIT Bhilai

June 13: "Latest advances in mmWave MIMO and Massive MIMO Technology" by Prof Aditya K. Jagannatham, IIT Kanpur

June 20: "Artificial Intelligence for Wireless Communications" by Anand Mukhopadhyay and Praful Pai, Mathworks.

June 27: "Beam Management in 5G: A Stochastic Geometry Analysis" by Dr. Sanket Kalamkar, Qualcomm, San Diego

July 4: "ORAN standard and its implementation aspects" by Dr. Sai Dhiraj Amuru, Principal Engineer, WiSig Networks

July 11: "An Overview of Key Technologies in Physical Layer Security" by Prof Priyanka Das, IIIT Bangalore

July 18: "Embedded System in Robotics: Control Challenges" by Prof Leena Vachhani, IIT Bombay

July 25: "Dynamics, Control and Challenges in Underwater Robotics" by Prof R Thiyagarajan, IIT Tirupati

FACULTY AWARDS

Prof Madhav Rao and Prof T K Srikanth were recipients of IBM Global University Program Academic Award 2021. The award is to explore research in identifying levels in Autism spectrum disorder and Conversational AI for mental health.

Prof Srinivas Vivek, IIIT Bangalore was awarded the prestigious Infosys Foundation Career Development Chair Professorship. The duration of this chair professorship is for a period of 3 years, until July 2024. The Career Development Professorship is meant to help Assistant Professors advance professionally.

Prof Uttam Kumar selected for the Indian National Geospatial Award 2021 on December 15. The award is conferred in recognition of the outstanding contribution towards the development of Geospatial Science, Technology and Applications by Indian Society of Remote Sensing (ISRS). It carries medal, citation and award money. The award was given at the Annual Convention & National Symposium on theme 'i-Geomatics: An Integrated Technology to Empower Citizens Towards Self Reliant Nation'.

Prof Jaya Sreevalsan Nair receieved the Best Associate Editor (AE) award from IEEE Transactions on Circuits and Systems for Video Technology (TCSVT).

The TCSVT Editor-in-Chief is instrumental in the decision and the Editorial Board confers the award to associate editors whose timely work and professionalism have made a significant impact on the reputation of the TCSVT.

Dr. Dibakar Das, Post Doctoral Fellow, Prof Shiva Kumar Malapaka, Faculty & Warden (Men's Hostel), Prof Jyotsna Bapat, Dean-Faculty and Prof Debabrata Das, Director received the Best Paper Award (academia) for the paper titled 'A Proactive Connection setup Mechanism for Large Quantum Networks' in IEEE CONECCT 2022 held on July 10, 2022 virtually. The paper was chosen as the best paper out of 578 papers submitted.

FACULTY & STAFF ACHIEVEMENTS

Prof Meenakshi D'Souza successfully taught and completed a 12-week long course on Software Testing for NPTEL, Swayam, Government of India online MOOC, from July to October 2021.

Prof Jaya Sreevalsan Nair served as an external examiner, for Ph.D. thesis examination of Ms. Dimple A. Shajahan, Department of Engineering Design, IIT Madras during August 2021; she was also the thesis viva voce examiner in October 2021.

Prof Srinivas Vivek was nominated as a mentor for a research project on homomorphic encryption funded under the CySecK Research Development Programme of Government of Karnataka for a period of six months that started from December 2021.

Professors, Balaji Parthasarathy and Amit Prakash were awarded a grant of € 50,000 by the International Labour Organization, for their research project titled, "Case studies on Algorithmic Management in the Logistics and Healthcare Sectors in India". The duration of this project is one year, from January 10, 2021 till December 20, 2022.

Our Director, Prof Debabrata Das was felicitated by IEEE Bangalore Section for his selection as Chairman of IEEE India Council. He becomes the 2nd person from Karnataka to get this distinguished post in the last 44 years' history of IEEE Karnataka.

Prof Dinesh Babu J was awarded a grant from prestigious Shastri Indo-Canadian Institute for organizing a 'Conference/Symposium' titled 'Second Indo-Canadian Conference on Artificial Intelligence and Rehabilitation Robotics'. The conference was held on March 21 & 22, in an online mode. Dr. Shehroz Khan and Prof Alex Mihailidis from University of Toronto were the co-organizers.

Prof Muralidhara V N received IEEE Championship Award for his contributions to IEEE Conference organization.

Prof Meenakshi D'Souza and Prof Jaya Sreevalsan Nair were selected for grade elevation to ACM Senior Members 2022.The Senior Members Grade recognizes those ACM members with at least 10 years of professional experience and at least 5 years of Professional Membership in the last 10 years, who have demonstrated performance through technical leadership, and technical or professional contributions.

India Book of Records has recognized Mr. Subramani K, Project Associate of IIIT Bangalore for his achievement in creating the largest magic square made in MS-Excel (IBR-21459). The record for making the largest magic square in MS-Excel was set by him. He made the largest magic square with 10000 rows and 10000 columns. He used the numbers from 1 to 10000 and the sum of all numbers of each row and column is 50005000.

ALUMNI ACHIEVEMENTS

Dr. Sunil Kumar Vuppala, an Alumnus of IIIT Bangalore received IETE-Biman Behari Sen Memorial Award for 2021. This national level award is bestowed to a person for outstanding contribution in the emerging areas of Electronics and Telecommunications with emphasis on R & D and industrial development. IETE recognized Sunil Kumar Vuppala's contributions to Trusted AI, Autonomous image acquisition using AI, Optimization of energy management, and IoT. He received the award virtually on September 25.

Fasal, a Bangalore based Agritech Intelligence Startup, founded in 2018 by Mr. Ananda Verma, an alumnus of IIIT Bangalore raised USD 4 million from investors. The fund was raised to spread their business across India and South East Asia, strengthen full-stack services and to hire staff for sales and marketing, agronomy, and technology teams.

Mr. Nibin Mathew, an alumnus of MSc (Digital Society) of 2019-21 batch, was selected for Cycle 2 of "G3ict's Scholarship Fund Program" through its Digital Accessibility Rights Education (DARE) Academy.Nibin was one among the twenty applicants who received the award for Cycle 2 of the scholarship following a global call for applications held during October 21 to November 21, 2021.

Ms. Trisha Mittal (alumna of IIITB), a fourth-year Ph.D. candidate at the University of Maryland, College Park, USA was named as an Adobe Research Fellow for the year 2022. The Adobe Research Fellow program recognizes outstanding graduate students conducting exceptional research in areas of computer science that are important to Adobe.

Number Theory, an AI/ML data science platform company, co-founded by Mr. Tarun Gulyani, an alumnus of IIIT Bangalore was acquired by Newgen Software Technologies, a unified digital transformation platform company. According to Mr. Tarun, the synergy helped in hiring more quality talent and reaching out to a customer base at a global level.

USEReady Received Growth Capital from Boston Based Abry Partners, a well-known private equity investment firms in North America. With this capital round, USEReady was able to accelerate the plans of Practice Growth, Geography Expansion, and Global delivery. Mr. Uday Hegde, Co-Founder of USEReady and an Alum of IIIT Bangalore planned to reach 1000 employees in India during 2023 and globally 1500 and add at least 3 more locations outside India.

FIntech firm Multipl raised $3 million in a funding round led by Blume Ventures, GrowX Ventures, IIFL, and Kotak Securities Limited. The company was founded Mr. Paddy Raghavan, Alum of IIITB. The funds will be utilized to widen investment options and help Indians plan their expenses better.

10

FINANCIALS

	31-March-2022	31-March-2021
INCOME	Tuition Fees | Hostel and Facility Fees | Academic Activities | Interest on Bank Deposits Other Receipts | MIIT Mentoring Income	
	2,25,87,32,602	2,19,92,87,705
EXPENDITURE (before depreciation)	Faculty & Staff Expenses | Student Expenses | Academic Expenses Infrastructure Expenses | Administrative & General Expenses MIIT Project Expense	
	1,73,90,21,985	1,67,90,22,700
SOURCE OF FUNDS	Capital Grants | Corpus Account | General Fund Research Grants | Grants for Scholarship | Grants for Travel Chair Professorship | Endowment funds Designated/Earmarked Funds	
	2,53,63,73,496	1,76,27,69,564
APPLICATION OF FUNDS	Fixed Assets | Net Current Assets	
	2,53,63,73,496	1,76,27,69,564

in INR

International Institute of Information Technology - Bangalore
26/C, Electronics City, Hosur Road, Bangalore - 560 100

Balance Sheet as at 31st March 2022

(Rs.)

SOURCE OF FUNDS	Sch.No.	31-Mar-22	31-Mar-21
Unrestricted Funds:			
Capital Grants	A	28,37,00,000	28,37,00,000
Corpus Account	B	1,03,18,56,846	71,16,30,160
General Fund	C	66,12,12,958	48,06,46,455
Restricted Funds:			
Research Grants	DA	49,18,09,476	21,41,86,571
Grants for Scholarship	DB	2,57,45,301	2,70,75,792
Grants for Training	DC	42,500	-
Chair Professorship	EA	2,69,79,286	2,99,12,766
Endowment funds	EB	27,95,352	28,21,236
Designated/Earmarked Funds	EC	1,22,31,777	1,27,96,584
Total		2,53,63,73,496	1,76,27,69,564

APPLICATION OF FUNDS	Sch.no.	31-Mar-22	31-Mar-21
Property, Plant and Equipment:			
Net Block	F	52,02,71,272	38,32,53,583
Current Assets, Loans & Advances:			
Advances & Receivables	G	8,62,00,812	9,11,48,886
Deposits	H	10,41,390	5,29,890
Prepaid Expenses	I	75,74,844	69,99,075
Cash & Bank Balances	J	2,08,16,66,178	1,43,08,29,977
MIIT Project Current Assets	W1	1,98,87,213	5,03,16,626
		2,19,63,70,437	1,57,98,24,454
Less : **Current Liabilities & Provisions:**			
Current Liabilities	K	10,11,56,474	13,73,26,509
Provisions	L	7,05,04,014	2,59,29,361
MIIT Project Current Liabilities	W2	86,07,725	3,70,52,603
		18,02,68,213	20,03,08,473
Net Current Assets		2,01,61,02,224	1,37,95,15,981
Total		2,53,63,73,496	1,76,27,69,564
Significant Accounting Policies & Notes forming part of Accounts	X		

For International Institute of Information Technology Bangalore

SD/-

Prof. Debabrata Das
Director

Place: Bangalore
Date: 13.09.2022

As per our report of even date
For Rao Associates
Chartered Accountants
Firm Reg. No. 003080S

SD/-

Sandeep S Shekar
Partner
Membership No. 232631

International Institute of Information Technology - Bangalore
26/C, Electronics City, Hosur Road, Bangalore - 560 100

Income and Expenditure Account for the year ended 31st March 2022

Income	Sch.No.	31-Mar-22	31-Mar-21
Tuition Fees	M	2,02,41,04,341	2,04,48,38,146
Hostel and Facility Fees	N	4,35,66,583	3,39,51,350
Academic Activities	O	5,88,69,651	5,05,56,851
Interest on Bank Deposits	P	6,84,99,097	5,14,30,664
Other Receipts	Q	2,40,02,109	1,33,67,564
MIIT Mentoring Income	W3	3,96,90,821	51,43,130
TOTAL (a)		2,25,87,32,602	2,19,92,87,705
Expenditure	**Sch.No.**	**31-Mar-22**	**31-Mar-21**
Faculty & Staff Expenses	R	25,74,18,906	23,89,54,532
Student Expenses	S	1,01,13,651	61,31,383
Academic Expenses	T	1,34,39,31,380	1,36,32,88,233
Infrastructure Expenses	U	6,36,65,481	4,33,26,330
Administrative & General Expenses	V	3,54,99,321	1,92,57,010
MIIT Project Expense	W4	2,83,93,246	80,65,211
TOTAL (b)		1,73,90,21,985	1,67,90,22,700
Excess of Income before Interest, Depreciation and Appropriation (a-b)		51,97,10,617	52,02,65,005
Depreciation on Assets	F	(3,91,44,114)	(1,85,36,913)
Excess of Income before Appropriation		48,05,66,503	50,17,28,092
Appropriation: Transferred to Corpus Fund		30,00,00,000	25,00,00,000
Surplus/ (Deficit) for the year transferred to General Fund		18,05,66,503	25,17,28,092
Significant Accounting Policies & Notes forming part of Accounts	X		

As per our report of even date

For International Institute of Information Technology Bangalore

SD/-

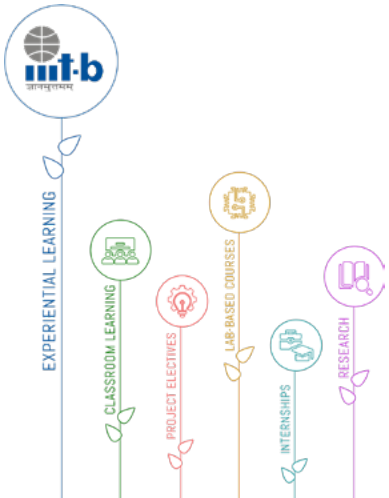
Prof. Debabrata Das
Director

Place: Bangalore
Date: 13.09.2022

For Rao Associates
Chartered Accountants
Firm Reg. No. 003080S

SD/-

Sandeep S Shekar
Partner
Membership No. 232631



11

INFRASTRUCTURE

September 27, 2021
Lifts Inauguration at Ramanujan Block

Giving a major boost to the campus facilities, IIIT Bangalore installed three lifts in Ramanjuan Block. Prof Debabrata Das (Director) inaugurated three lifts on September 27. All the three lifts connect users from the basement to the auditorium in third floor. Out of three lifts, two lifts have the capacity to carry 16 people each and the other has a capacity of 24 people. Cmde S R Sridhar (Retd) (Registrar), Prof Chandrashekhar Ramanathan (Dean-Academics) and Mr. J P Patil (Chief Administration Officer), staff and the students were also present during the inauguration.

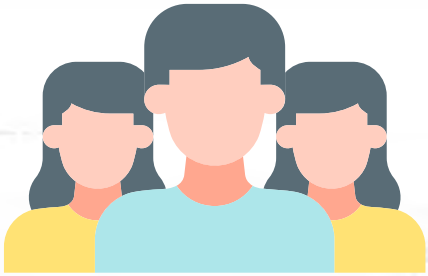
October 29, 2021
Inauguration of Sports Arena

A new indoor sports court, "Sports Arena" was inaugurated on October 29 by our Director, Prof Debabrata Das in the presence of key officials from the Administration department, faculty members, staff and students. This sports facility is a huge area that accommodates a badminton court, yoga room and a play area for table tennis.

Rainwater Harvesting Initiative

Being a Green Campus, water conservation is taken seriously at IIIT Bangalore. Water conservation was implemented on different levels in the campus from rainwater harvesting, and tree plantation to maintaining the underground water levels to recycling the water for gardening purposes. The campus has a rooftop rainwater harvesting (RWH) facility. The college buildings, hostels and the nearby areas were catchment areas for RWH. The college set-up the rain harvesting unit at different niches within the college campus, guest house and hostels, which had the total storage capacity of up to 3.6 lakh litres. The conserved rainwater served as a secondary source of water. From the newly installed RWH, about 755KL of rainwater was harvested and utilized which was 70 tanker loads in 50 days that amounts to ₹ 1.02 lakhs of saving.

12
PEOPLE




EXPERIENTIAL LEARNING
CLASSROOM LEARNING
PROJECT ELECTIVES
LAB-BASED COURSES
INTERNSHIPS
RESEARCH

FACULTY MEMBERS

Prof Amit Chattopadhyay
Ph.D. (University of Groningen)

Prof Amit Prakash
FPM (IIM Bangalore)

Prof Amrita Mishra
Ph.D. (IIT Kanpur)

Prof. Arti Dilip Yardi
Ph.D. (IIT Bombay)

Prof Ashish Choudhury
Ph.D. (IIT Madras)

Prof Badrinath Ramamurthy
Ph.D. (Rensselaer Polytechnic Institute, NY USA)

Prof Balaji Parthasarathy
Ph.D. (University of California Berkeley)

Prof Balakrishnan Ashok
Ph.D. (University of Massachusetts Amherst)

Prof Bidisha Chaudhuri
Ph.D. (Universität Heidelberg)

Prof Chandrashekar Ramanathan
Ph.D. (Mississippi State University)

Prof Chetan Parikh
Ph.D. (University of Florida)

Prof Debabrata Das
Ph.D. (IIT Kharagpur)

Prof Dinesh Babu Jayagopi
Ph.D. (École Polytechnique Fédérale de Lausanne)

Prof G N Srinivasa Prasanna
Ph.D. (Massachusetts Institute of Technology)

Prof G Srinivasaraghavan
Ph.D. (IIT Kanpur)

Prof Janaki Srinivasan
Ph.D. (University of California Berkeley)

Prof Jaya Sreevalsan Nair
Ph.D. (University of California Davis)

Prof Jyotsna Bapat
Ph.D. (Pennsylvania State University)

Prof K V Dinesha
Ph.D. (IIT Bombay)

Prof Madhav Rao
Ph.D. (University of Alabama)

Prof Manish Gupta
Ph.D. (University of Illinois at Urbana Champaign)

Prof Meenakshi D'Souza
Ph.D (IMSc Chennai)

Prof Nanditha Rao
Ph.D. (IIT Bombay)

Prof Manisha Kulkarni
Ph.D. (IMSc Chennai)

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Ph.D. (IISc Bangalore)

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Ph.D. (IISc Bangalore)

Prof Pradeesha Ashok
Ph.D. (IISc Bangalore)

Prof Preeti Mudliar
Ph.D. (University of Texas at Austin)

Prof Prem Singh
Ph.D. (IIT Kanpur)

Prof Priyanka Das
Ph.D. (IISc Bangalore)

Prof Sachit Rao
Ph.D. (Ohio State University)

Prof Shiva Kumar Malapaka
Ph.D. (Universitat Bayreuth)

Prof Shrisha Rao
Ph.D. (University of Iowa)

Prof Srinath Srinivasa
Ph.D. (Brandenburg Technical University Cottbus)

Prof Srinivas Vivek
Ph.D. (University of Luxembourg)

Prof Subajit Sen
Ph.D. (University of Waterloo)

Prof Subir Kumar Roy
Ph.D. (IIT Bombay)

Prof Sujit Kumar Chakrabarti
Ph.D. (IISc Bangalore)

Prof T K Srikanth
Ph.D. (Cornell University)

Prof Thangaraju B
Ph.D. (Bharathidasan University)

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Ph.D. (IISc Bangalore)

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Ph.D. (TIFR Bombay)

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Ph.D. (IIT Delhi)

Prof Roland Erik Haas
Ph.D. (Technical University of Clausthal)

Prof V Sridhar
Ph.D. (University of Iowa)

Prof Vinod Veera Reddy
Ph.D. (Nanyang Technological University Singapore)

Prof Vinu E Venugopal
Ph.D. (IIT Madras)

Prof Viswanath Gopalakrishnan
Ph.D. (Nanyang Technological University Singapore)

DOMAIN-WISE FACULTY MEMBERS

Computer Science Faculty

- Prof Ashish Choudhury
- Prof Badrinath Ramamurthy
- Prof G. N. S. Prasanna
- Prof Meenakshi D'Souza
- Prof Pradeesha Ashok
- Prof Sachit Rao
- Prof Shrisha Rao
- Prof Srinivas Vivek
- Prof V. N. Muralidhara

Information Technology & Society Faculty

- Prof Amit Prakash
- Prof Balaji Parthasarathy
- Prof Bidisha Chaudhari
- Prof Janaki Srinivasan
- Prof Preeti Mudliar
- Prof S. Rajagopalan
- Prof V. Sridhar

Mathematics & Basic Sciences Faculty

Mathematics:

- Prof Manisha Kulkarni

Physics:

- Prof Balakrishnan Ashok
- Prof Shiva Kumar Malapaka

VLSI Systems Faculty

- Prof Chetan Parikh
- Prof Madhav Rao
- Prof Nanditha Rao
- Prof Sachit Rao
- Prof Subajit Sen
- Prof Subir Kumar Roy

Data Sciences Faculty

- Prof Amit Chattopadhyay
- Prof Chandrashekar Ramanathan
- Prof Dinesh Babu Jayagopi
- Prof G. Srinivasaraghavan
- Prof Jaya Sreevalsan Nair
- Prof Manish Gupta
- Prof Neelam Sinha
- Prof Sachit Rao
- Prof Srinath Srinivasa
- Prof T. K. Srikanth
- Prof Uttam Kumar
- Prof V. Ramasubramanian
- Prof Vinu E Venugopal
- Prof Viswanath Gopalakrishnan

Networking, Communication & Signal Processing Faculty

- Prof Amrita Mishra
- Prof Arti Yardi
- Prof Debabrata Das
- Prof Jyotsna Bapat
- Prof Neelam Sinha
- Prof Nikhil Krishnan M
- Prof Prem Singh
- Prof Priyanka Das
- Prof Sachit Rao
- Prof V. Ramasubramanian
- Prof Vinod Reddy

Software Engineering Faculty

- Prof B. Thangaraju
- Prof Chandrashekhar Ramanathan
- Prof Meenakshi D'Souza
- Prof Sujit Kumar Chakrabarti

KEY OFFICIALS

Prof Debabrata Das
Director, IIITB

Prof Chandrashekar Ramanathan
Professor & Dean (Academics)

Prof Jyotsna Bapat
Professor & Dean (Faculty)

Prof Srinath Srinivasa
Professor & Dean (R&D)

Cmde SR Sridhar (Retd)
Registrar, IIITB - Secretary to the Board and Outreach Head

J P Patil
Chief Administration Officer

S Piramanayagam
Chief Finance Officer

Prof S S Prabhu
Faculty Advisor

Prof Madhav Rao
Associate Professor, iM.Tech Coordinator and Faculty in-charge-Labs

Prof V N Muralidhara
Associate Professor, M.Tech
Programme Coordinator

Prof Meenakshi D'Souza
Professor & M.S. Ph.D.
Programme Coordinator

Prof Bidisha Chaudhuri
Associate Professor & MSc (DT)
Programme Coordinator

Prof Jaya Sreevalsan Nair
Associate Professor & Warden
(Women's Hostel)

Prof Nanditha Rao
Assistant Professor & Warden
(Women's Hostel)

Prof Shiva Kumar Malapaka
Assistant Professor & Warden
(Men's Hostel)

Prof Uttam Kumar
Assistant Professor & Warden
(Men's Hostel)

Prof Amit Prakash
Associate Professor &
Coordinator (Students Affairs)

Prof Viswanath Gopalakrishnan
Assistant Professor &
Coordinator (Students Affairs)

Prof Sachit Rao
Associate Professor & Faculty-
in-charge Student Exchange

Prof T K Srikanth
Professor & Faculty-in-charge
Computing

Prof V Sridhar
Professor & Faculty In-Charge,
Continuing Professional
Education, Institutional Finance

Prof Balakrishnan Ashok
Associate Professor & Faculty-in-charge Library

Prof Dinesh Babu Jayagopi
Associate Professor & Faculty-in-charge Internships & Placements

Prof Vinod Veera Reddy
Assistant Professor and Controller of Examinations

Cynthia DMello
Staff Officer- Deans office

M K Durai Murugan
IT and Data Centre Manager

Cdr JV Prasad (Retd.)
Executive Officer (R&D)

Ramadevi S
Librarian and Manager - Information Services

Ramesh Sundararaman
Chief Innovation Officer

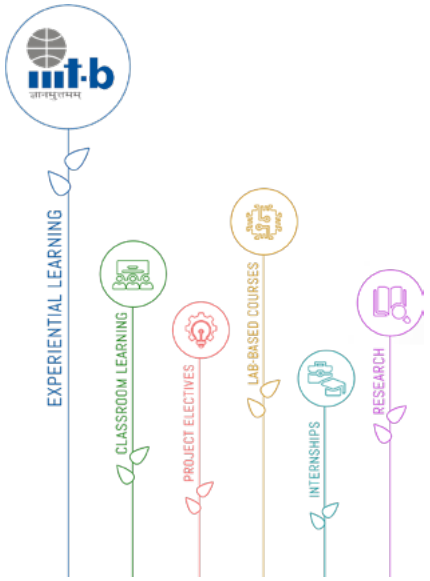
RESEARCH ADVISORY COMMITTEE (RAC) MEMBERS

Dr. P Satish Chandra

Prof P Balaram

OMBUDSMAN

Dr. K. N. Balasubramanya Murthy, Vice Chancellor of Dayananda Sagar University, Bangalore, and Chairman, Board for IT Education Standards (BITES) took over as **Ombudsman** of IIITB on February 26, 2020.



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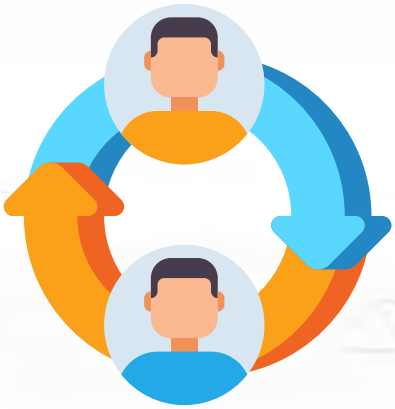
APPOINTMENTS & ADIEU



WELCOME ON BOARD

Sl. No	Name	Designation	Date of Joining
1.	Prof Roland Erik Haas	Professor	April 12, 2021
2.	Mr Nithyananda AC	Assistant Accountant (CPE)	May 17, 2021
3.	Prof Nikhil Krishnan	Assistant Professor	July 1, 2021
4.	Prof Prem Singh	Assistant Professor	July 1, 2021
5.	Mr Abhishek Kumar	Technical Assistant	October 1, 2021
6.	Mr Niranjan Anil Shanbhag	Technical Assistant	October 1, 2021
7.	Prof Badrinath Ramamurthy	Professor	December 10, 2021
8.	Prof Vinu Ellampalli Venugopal	Assistant Professor	December 15, 2021
9.	Mr Sathish Veeranan	Technical Lead (Software)	December 20, 2021
10.	Ms Aparna TR	Lab-In-Charge	February 9, 2022
11.	Mr Pavan Patil GM	Lab-In-Charge	February 21, 2022
12.	Mr Biswa Bhusan Dhal	Technical Assistant & Purchase and store	April 1, 2022

ADIEU

Sl. No	Name	Designation	Date of Joining	Date of Leaving
1.	Ms Aswini P	Lab-In-Charge	October 15, 2014	December 18, 2021
2.	Prof Chetan Parikh	Professor	July 1, 2015	December 31, 2021
3.	Mr Karthik Kittu	Chief Innovation Officer	October 1, 2019	November 30, 2021
4.	Prof Roland Erik Haas	Professor	April 12, 2021	December 31, 2021
5.	Prof Arti Dilip Yardi	DST-INSPIRE	January 22, 2019	January 22, 2022
6.	Ms Adhisaya T	Lab-In-Charge	July 22, 2013	February 10, 2022
7.	Mr Abhishek Kumar	Technical Assistant	October 1, 2021	April 30, 2022
8.	Mr Vishwanathan MS	Admin Associate (CPE)	October 5, 2020	May 31, 2022
9.	Prof K V Dinesha	Professor	October 1, 1999	June 30, 2022
10.	Mr Adarsh Chowta	Assistant Accountant	June 7, 2019	June 30, 2022
11.	Mr Nithyananda AC	Assistant Accountant (CPE)	May 17, 2021	July 25, 2022

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RESEARCH PROJECTS

SALIENT RESEARCH PROJECTS IN VOGUE

IIITB's research focus is to contribute to the IT world by focusing on education and research, entrepreneurship, and innovation. The research Centers at IIITB are multi-disciplinary with participation from several faculty members across different research domains. They could focus on a vertical, such as healthcare, or a horizontal, such as machine intelligence. These centers, run by faculty and driven by students and staff, have active collaborations with academia, government, and industry.

MOSIP

Principal Investigator:

Prof Rajagopalan

Sponsors:

- Bill and Melinda gates Foundation
- Tata Trust
- Omidyar Network
- Nordic Fund

A country's identification system is the backbone for effective delivery of public and private services. Governments are exploring the development of multipurpose foundational ID systems, in which individuals receive a unique identifier from the government that they can use for identity assertion and verification. The foundational ID can then be used to access a wide variety of government and private services.As countries consider how best to build foundational ID systems, they face several policy and technological choices.

In response to these challenges, the International Institute of Information Technology, Bangalore (IIITB), a world-renowned technology university, is anchoring the MOSIP project as a global public good.

National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)
Ministry of Science & Technology, Department of Science & Technology, Government of India

ADVANCED COMMUNICATION SYSTEMS

Principal Investigator:
Prof Jyotsna Bapat

Sponsor:
- Ministry of Science and Technology, GoI

Cyber Physical System (CPS) refers to a platform comprising of a mechanical system that is controlled by computer algorithms, and tightly integrated with Internet and to its networked users. Here, the physical-mechanical components represented by smart sensors and actuators, and the software components represented by computing and networking devices are intrinsically intertwined in the platform. Wireless sensors and actuators connected by the Internet-of-Things (IoT) are central to the design of advanced cyber physical systems (CPSs).

CENTRE FOR OPEN DATA RESEARCH (CODR)

Principal Investigator:
Prof Srinath Srinivasa

Sponsor:
- GoK

The Centre for Open-Data Research is aimed at promoting open-data utilisation through data science research outputs, tools and techniques with an objective to apply the results towards progressing human development or enhancing customer consumption experience. Open-Data is defined as data that is freely available for access, reuse, redistribution for everyone without any restrictions.

CENTER FOR e-GOVERNANCE (CeG)

Principal Investigator:
Prof Ramanathan Chandrashekar

Sponsor:
- GoK

The Center is focussing on carrying out research and development of Proof-of-Concepts (POC) in the areas of software architecture, software engineering & standards, advanced computer networking, application modernization using emerging technologies, and other related areas aids CeG to deliver public services more efficiently and innovatively.

INDIA URBAN DATA EXCHANGE

Principal Investigator:
Prof Srinath Srinivasa

Sponsor:
- Ministry of Housing and Urban Affairs & Ministry of Information and Electronics Technology

Indian cities need secure and controlled sharing of all types of data. IUDX is developed, maintained and operated by a dedicated team, based in IISc. As a complement to IUDX, IISc has launched the IUDX research program to explore aspects of data science, privacy & security, economics, policy and regulations that will facilitate the use of data for public good.

IIITB is one of the collaborators contributing to the project.

PROJECT VICT

Principal Investigator:
Prof Amit Prakash

Sponsor:
- Microsoft Research Lab India Pvt Ltd & Microsoft Corporation (India) Private Limited

IIITB seeks to jointly implement the VICT Project with Microsoft, the proposal for which was submitted in partnership with Vision Empower (VE), a not-for-profit enterprise incubating in the IIITB Innovation Centre, aimed at empowering visually impaired students of K-12 grades by digitally skilling them, and redefining and updating the Computational Thinking curriculum/course in India, and empowering visually impaired students to access the corresponding modified accessible content identified for the curriculum.

FAIRWORK PROJECT

Principal Investigator:
Prof Balaji Parthasarathy

Sponsor:
- University of Oxford

Fairwork, at its essence, is a way of imagining a different, and fairer, platform economy than the one we have today. By evaluating digital platforms against measures of fairness in labour practices, we hope to not just show what the platform economy is, but also what it can be.

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PUBLICATIONS

CONFERENCE PUBLICATIONS

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Chirag Samal, Prince Yadav, Sakshi Singh, Satyanarayana Vollala and Amrita Mishra, "RoBINN: Robust Bird Species Identification using Neural Network," in 18th International Conference on Signal Processing and Multimedia Applications, 2021, pp. 31-38.
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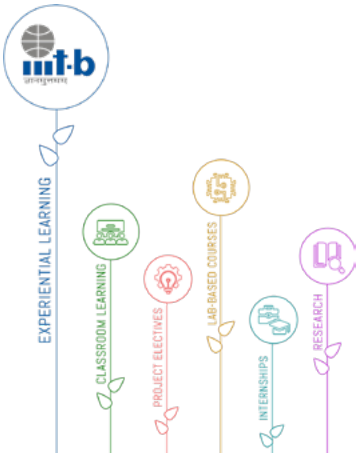

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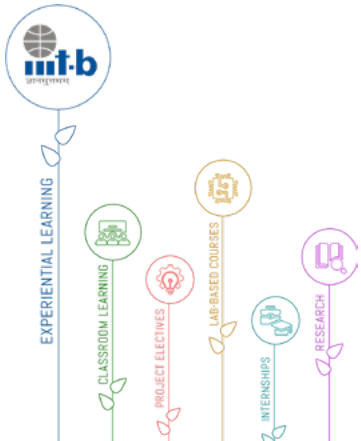

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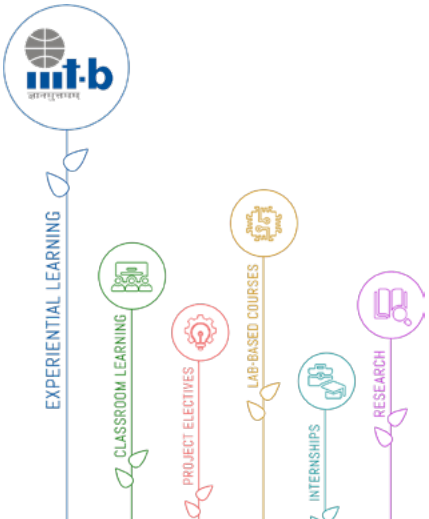



TODAY'S THINKER
mit

16

STUDENT ACTIVITIES

STUDENT AFFAIRS COUNCIL

Suchi
MT2021140

Prasanth
IMT2020522

Jayanth A
IMT2019038

Pakhi Gauba
DT2021014

Krishan Gopal
MT2021065

Harsh Shah
MT2021050

Vishnutha Sheela
IMT2020057

Divyanshi Rajput
IMT2019029

STUDENT ACTIVITIES

August 29, 2021

Photography Contest

Photography is a powerful medium of expression that can be used to communicate strong positive messages about a subject. The Photography club of IIITB conducted a mirror photography contest with the theme on 'Perspective'. A few alumni of IIITB were the judges of the competition and the winners of the event are Shashank Shekhar, Heet Vasanj and Anjan Vikas.

October 16, 2021

Garba Night

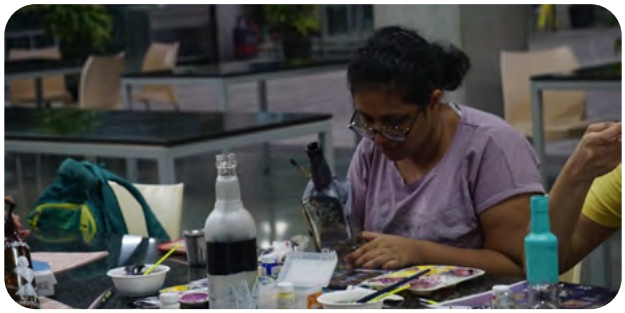
The Navaratri festival is to pay respect and devotion to all nine forms of mother goddess Navaratri is incomplete without Garba which is a high-energy dance form that is usually enjoyed during the Navratri festivities. The performance of Garba has spread beyond Gujarat and enjoyed in various parts of India. At IIITB campus SAC 2021 organised Garba Night where students thoroughly enjoyed dancing to the Garba music and beats. There was also a special dinner arranged for the students by the Food Committee.




October 24, 2021

Glass Painting Event

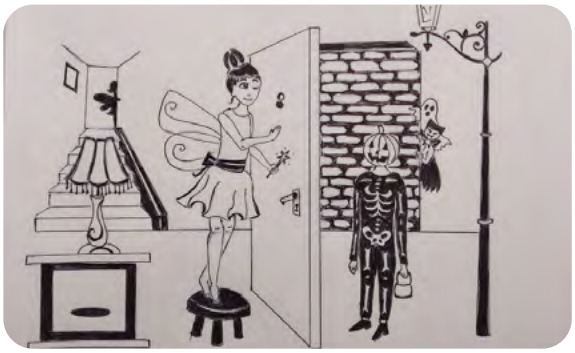
The Art Club of IIIT Bangalore conducted a Glass Painting event for all the interested students. The event was not restricted to any specific themes. The Club provided all the required materials such as acrylic paint boxes, brushes to all the participants.

October 30, 2021

Inkctober

The Art Club of IIIT Bangalore organized a competition for students, 'Inktober' as a part of Halloween. This competition allowed students to come up with their imagination and be creative. It was all about creating spooky artwork using only ink.



November 4, 2021

Aikyam celebrated Diwali with Housekeeping Staff

Aikyam of IIIT Bangalore celebrated Diwali with security, housekeeping and canteen staff and their family members. Entertaining events such as dance, music along with fun games (balloon piercing and musical chair) were organized. They were given bountiful goodies and sweet boxes. The kids were more excited to receive chocolates, drawing set and crackers. Aikyam also organized Tambola event for students.

November 8, 2021

Dance Workshop by Impulse

Diwali was celebrated in different ways at the campus. A bit of learning was also added to the celebrations. Impulse, the Dance Club of IIIT Bangalore organized a dance workshop on November 8. The members of the Club picked an easy choreography to teach the students. Around 55 participants attended the event.

November 14, 2021

Children's Day

Fostering a sense of belongingness is a gratifying feeling for us all. Aikyam club of IIIT Bangalore marked Children's Day by visiting children of Surabhi Orphanage in Electronic City. The members of Aikyam along with student volunteers spent time with kids engaging them in fun games. The Sports Committee too joined hands in this initiative-donating a bunch of sports equipment including badminton rackets, volleyballs, cricket kits, carrom boards, Board Games-Chess, Ludo.

January 10-17, 2022

Memathon-a Meme Battle

The Branding Committee of IIIT Bangalore organized a meme competition named, Memathon-a Meme Battle from January 10-17. In this competition, 23 students participated and created funny memes. First prize was won by Thakur Devendrasingh Premsingh (MT2021146), second prize was won by Sagar Shahu Shirke (MT2021112) and third prize was bagged by Chakradar Reddy (IMT2018018). All the winners were awarded with custom-designed merchandise of our college.

February 26, 2022

Canvas Painting Event

The Art Club of IIIT Bangalore held a two-hour Canvas Painting event as a recreational activity.

June 17, 2022

Dream Catcher Making Event

It is believed that hanging dream catchers in your room catch all the negative energies and gives away the positive ones. The feathers help in sending positive energies throughout your home. The motive and symbolism to hang the dream catcher remain the same – to attract good vibes. The Art Club of IIIT Bangalore was in a mood to catch the positive vibes and organised a small two-hour event and encouraged students to make their own such dream catchers. Around 30 students participated in the event and they were provided with dream catcher making kits and other art material to create dream catchers.

June 26, 2022

Bidding Goodbye to Graduating Students

A farewell by juniors is an expression of good wishes to graduating students who are leaving the institution to pursue their dream careers. A farewell was organised by IIIT Bangalore's junior students in a bid to say goodbye and good luck to the graduating students. They entertained their seniors by organising a music performance by well-known musician, Raj Thakur. On a lighter note, based on a live voting they selected a few seniors as Mr. Farewell, Miss. Farewell, Munna Circuit award for best friends, Maa Ka Ladla Bigad Gya award, Mr. Studious and Miss. Studious award. A dance performance by the Dance Club of the institute was also held. The event concluded with a delicious dinner as well.

STUDENT ACHIEVEMENTS

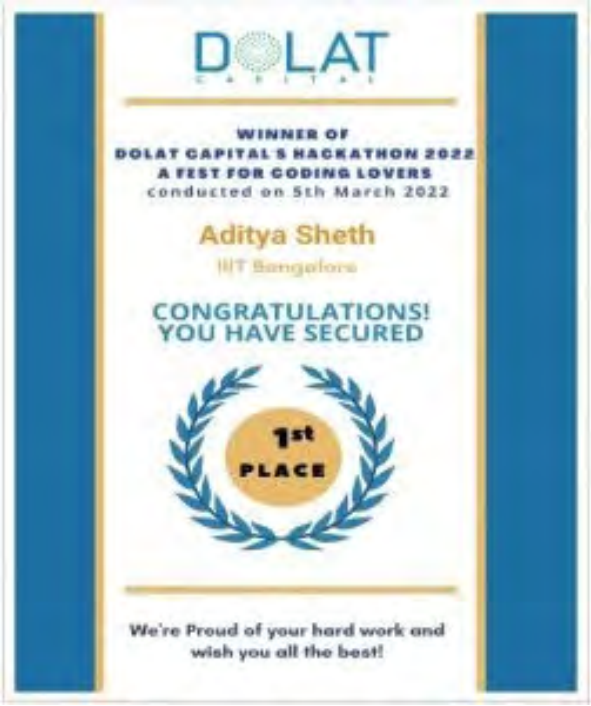
Nidhish Bhimrajka (IMT2019059) and Daksh Agarwal (IMT2019505) were selected among the top 4 teams from India to pursue a 6-month research internship in the Domain Name System (DNS). The DNS Research Competition (https://haryana.coe-iot.com/dns/) was conducted by ICANN and NASSCOM Centre of Excellence IoT & AI.

Divyam Agrawal (IMT2019028), Gagan Agarwal (IMT2019031) and G Sri Harsha (IMT2019030) won the first place ($2,500) in DeFi Blockchain hackathon hosted by the Finance Club of IIT Bombay. The blockchain hackathon required the development of a DeFi project capable of handling invoice management for onchain transactions.

Aditya Sheth (IMT2018003) and Gururaj Mujumdar (MT2021049) won the NetApp Academia Hackathon with a cash prize of ₹1 Lakh each. This challenging hackathon tested skills in Data Structures and Algorithms which needed to be solved under two hours.

Shivangi Garg (DT2020020) was named as 'Mumkin Changemaker Fellow' and received ₹10,000 fellowship grant to support her work in enabling conversations around dating and sexuality for the LGBTQTIA+ community. Her submission to the Mumkin fellowship call was in continuation of a course project conducted was a part of the Advanced Human-Computer Interaction course (taught by Prof Preeti Mudliar) at IIIT Bangalore.

Aditya Sheth (IMT2018003) won 1st place in Dolat Capital's Hackathon 2022 with a cash prize of INR 10,000/-. It was conducted on codechef programming platform and it was open to all in India. The Hackathon was held at reputed colleges across seven states in India.



iMTech students Vijay Jaisankar, Vignesh Bondugula, and Siva Jagadesh M mentored by Ph. D. research scholar Jayati Deshmukh and Prof Srinath Srinivasa, won an award for the best presentation based on live audience voting, in the SUMO User Conference (Simulation of Urban Mobility) on May 11, 2022.
They presented their work on simulating traffic flows in Electronics City Phase 1, along with several intervention measures like placing speed cameras, adaptive traffic lights, and estimating congestion at different intersections.

iM.Tech. students, Gayathri Venkatesh, Arpitha Malavalli, and Nikitha A N have been awarded a scholarship under the URAM Scholarship program by Micron. URAM Scholarship program is for Women Student Engineers pursuing pre-final year B.Tech/ Dual degree courses in EEE/CSE/ECE.

iMTech student Nikhil Agarwal and his team members (Rhea Rajesh, Strate School of Design, Anushka Vijaywargi, IICD, Samruddhi Godbole, SMI, Shruti Kumar, LISAA) were selected out of 7 teams in AI in Fashion and Design Hackathon, which was organised by the French Institute in India & Consulate General of France in Bangalore and held on April 2nd & 3rd at IIIT Bangalore. He and his team members presented a solution to help build a market intelligence platform for artisans, so that the artisans can leverage technology and get intelligence on trends, industry forecasts etc. Nikhil Agarwal with his team members won a trip attend a summer school in Aivancity, Paris- Cachan.

Our Ph.D. Scholar Anindita Dasgupta and Prof Uttam Kumar, IIITB received the "Best Paper Award" at the "Virtual Symposium on Applications of Machine Learning and Data Science in Inter-disciplinary areas" held between 29th-30th, May 2022, at the Indian Institute of Management Visakhapatnam. The paper title was "Impact of Increased Urbanisation on Land Surface Temperature: A Case Study of Bangalore"

V P Abhida was selected for the best student presentation award in the 17th International Computer Science Symposium in Russia which was held during June 29–July 1, 2022. She authored and presented the paper titled "Coloring a Dominating Set without Conflicts: q-subset Square Coloring".Pradeesha Ashok, Avi Tomar, Dolly Yadav were the co-authors.

PhD Student Apurva Kulkarni's (PH2018020) write-up was chosen for an award under the category of "Best stories" at AWSAR Awards competition conducted by DST, Govt of India. Augmenting Writing Skills for Articulating Research (AWSAR) is an initiative of DST, Government of India that aims to disseminate Indian research stories among the masses in an easy to understand and interesting format to a common man.

A group of students from IIIT Bangalore received the Best Student Showcase Award in Software Product Management Summit 2022 hosted by IIMB and ISPMA.The team did an in-depth analysis of VideoKen's AI player based on concepts taught by Prof Haragopal Mangipudi in the SPM course. The team worked closely with VideoKen and made business recommendations for the product, which was presented in the SPM Summit.
The awarded students were:

- Gayathri Venkatesh - IMT2018026
- Manasa Kashyap - IMT2018040
- Abhigna - IMT2018002
- Mundla Aarthi - IMT2018046

Nikhil Agarwal (IMT2019060) received first prize for Moralis sponsored track in Hackathon "Road to web3" held from February 3-9, 2022. This event was organized by ETHglobal. He won a prize money of $2300.

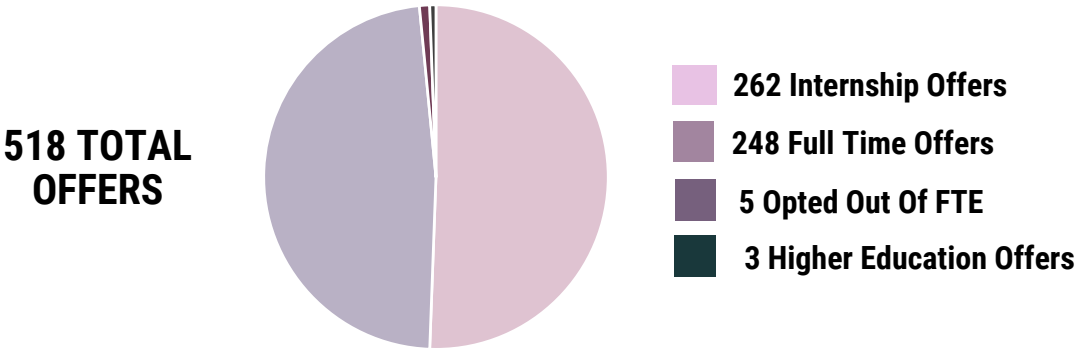
Dhruv Sharma (IMT2019017) won 1st place in Praxis Data Science Students Championship 2022. He not only provided a realistic and sustainable solution to the "Rent Predictor" challenge but also walked out with a cash prize of ₹25,000 as well as the winner's certificate. Among the other institutions that represented in the finals were Indian Institute of Technology (IIT), Madras, IIT Kottayam, Great Lakes Institute of Management, Chennai and AKNU College of Engineering from Rajahmundry in Andhra Pradesh.

STUDENT ADMISSIONS (2021-22)

MTech **177**	M		151
	F		26
iMTech **103**	M		98
	F		5
MS **19**	M		13
	F		6
MScDT **16**	M		7
	F		9
Ph.D **12**	M		4
	F		8

Total Students: 327

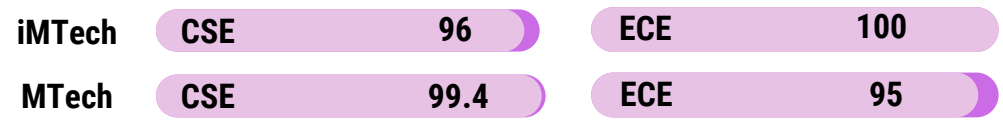
PLACEMENT STATISTICS

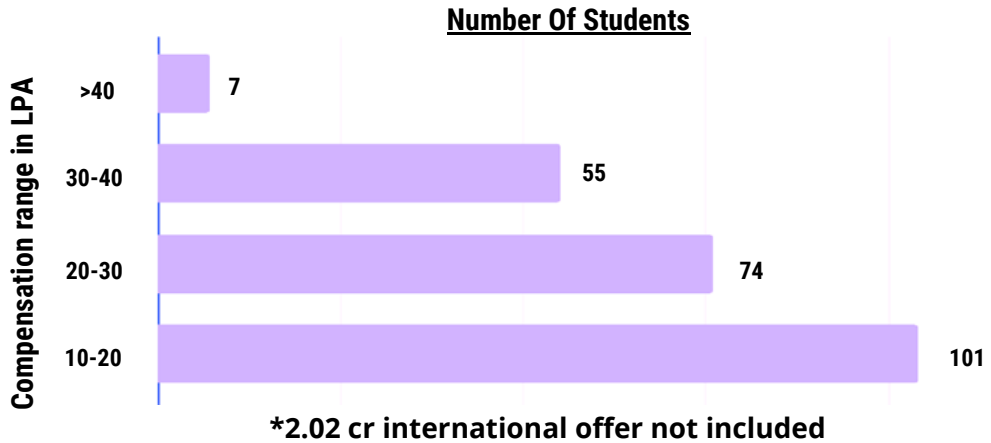


OFFER	METRIC	iMTech		MTech	
		CSE	ECE	CSE	ECE
ull Time CTC INR In Lakhs)	Highest	84*	34	78	40.88
	Average	24.8	23.5	24.5	23.66
Internship Stipend (INR In Thousands)	Highest	165	85	100	50
	Average	53.11	45	61	41.5

Percentage Of Students - Full Time Employment (FTE)

INR in Lakhs





*2.02 cr international offer not included

Top Recruiters

Higher Studies / RA Offers Received

M.Sc. Digital Society

15 Internship Offers

Highest Stipend - ₹ 73K (International)

Average Stipend - ₹ 28.5K

7 FTE Offers

Highest CTC- 16.5 LPA

Average CTC- 9.4 LPA

FULL TIME RECRUITMENTS

Company Name	Students Recruited
Qualcomm	38
Walmart Labs	23
Mathworks	17
PayU	13
Oracle	11
Cisco	9
Micron	9
Axtria	8
Pegasystems	8
Zoom Video Communications	8
Morgan Stanley	7
Reliance Jio	6
Samsung Semiconductor	6
IBM	5
Mobisy	5
Western Digital	5
Bosch	4
BYJU'S	4
Caterpillar	4
Cropin	4
Intel	4
NetApp	4
Perfios	4
Siemens Healthineers	4
Slice	4
American Express	3
Dataweave	3
DP World	3
Flipkart	3
Infosys	3
Mediatek	3
Pluribus Networks	3
Trukker	3

Company Name	Students Recruited
Adobe	2
Amagi Media Labs	2
Amazon (SDE 1)	2
Analog Devices	2
Cambium Networks	2
CSG	2
DE Shaw	2
Google	2
ISRO	2
Rippling	2
Rupeek	2
Salesforce	2
Samsung Research	2
SAP Labs	2
VM Ware	2
Asocs Cloud	1
Cyware Labs	1
Databricks	1
GE Digital	1
Goldman Sachs	1
Havell's	1
Hiver	1
nuture.farms	1
Nvidia	1
Synopsys	1
Technoforte	1
Texas Instruments	1
Tyfone	1
Udaan	1
Z1 Media	1
Zee Entertainment (SDE)	1
ZS Associates	1

INTERNSHIP RECRUITMENTS

Company Name	Students Recruited
Qualcomm	31
Walmart Labs	26
Mathworks	16
Cisco	14
IBM	12
Morgan Stanley	9
Samsung Semiconductor	9
Intel	8
Dataweave	8
Micron	8
Pegasystems	7
Hewlett Packard	7
Western Digital	5
PayU (Software Engineer)	5
Zoom Video Communications	5
Mobisy	4
Flipkart	4
Caterpillar	4
Slice	4
Analog Devices	3
Salesforce	3
Pluribus Networks	3
Bosch	3
Nvidia	3
American Express	3
GE Digital	3
Siemens Healthineers	3
Axtria	3
Infosys	3
Rippling	2
SAP Labs	2
Udaan	2
VM Ware	2

Company Name	Students Recruited
Perfios (Applied Scientist)	2
Mediatek	2
Siemens (Embedded)	2
Perfios (SDE)	2
Amazon SDE	2
Betterhalf.ai	2
Scienaptic	2
Amazon Web Services	2
Addled	2
Vikasietum	2
Hiver	1
NetApp	1
MIQ Digital	1
Cyware Labs	1
BYJU'S	1
Rubrik	1
Presto Apps	1
Glimpay	1
Botzee	1
Global Foundaries	1
IQVIA	1
Siemens Mentor Graphics	1
Digital Society School (Amsterdam)	1
MOSIP	1
ISRO	1
Adfactors PR	1
SunSource Energy	1
Bitronics	1
Avench Systems	1
Kadamba Intrac Pvt Ltd	1
Mphasis Project	1
Vision Empower	1

17

WE MISS YOU

IN FOND REMEMBRANCE

Mr. Shivankit Bhardwaj
passed away on October 18, 2021

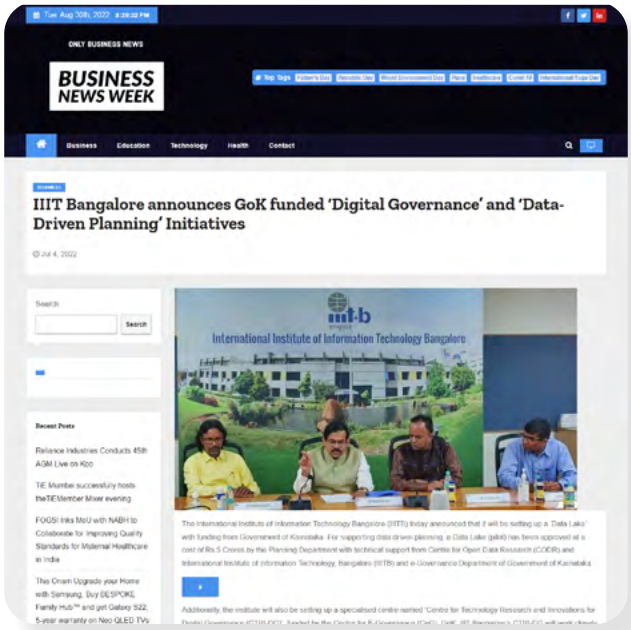
IIIT Bangalore was bereaved by the sudden death of Mr. Shivankit Bhardwaj (MT2018521), an Alumnus on October 18, 2021. The students, faculty and staff members condoled the death of Mr. Shivankit. The faculty and junior students remembered him as a bright, friendly and helpful personality. He was well known for his stage performances, delivering speeches and poetry.

Ms. Vijayaxmi A
passed away on May 3, 2022

On May 3, 2022, Ms. Vijayalaxmi A (PH2021008) left for her heavenly abode due to an illness. She had enrolled in a Ph.D programme in Networking, Communications & Signal Processing (NCPS).

18

IIITB IN THE NEWS


ONLY BUSINESS NEWS
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Business
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Technology
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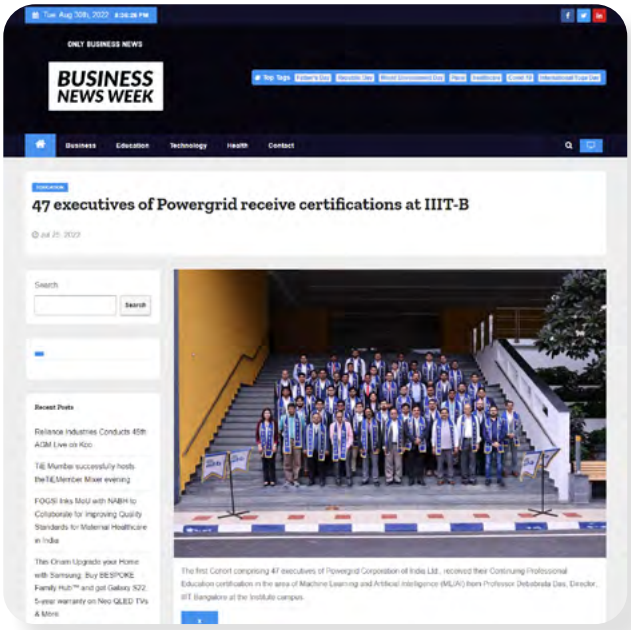
IIIT Bangalore announces GoK funded 'Digital Governance' and 'Data-Driven Planning' Initiatives
International Institute of Information Technology Bangalore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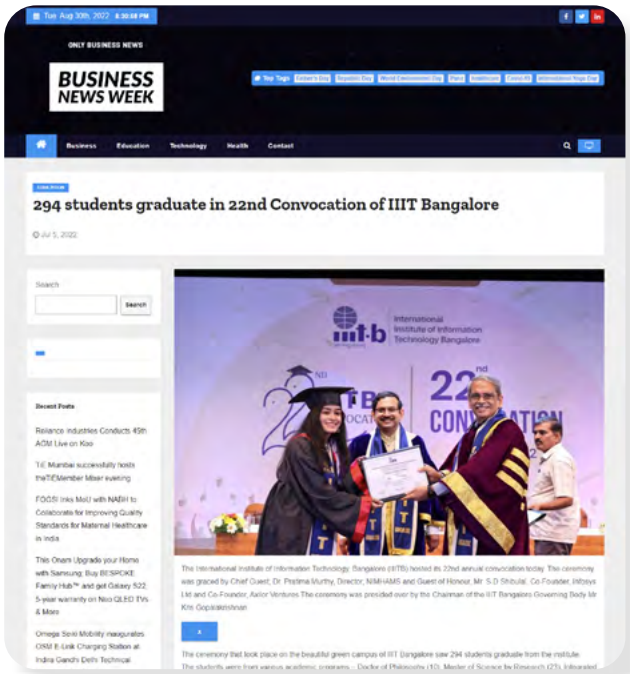
47 executives of Powergrid receive certifications at IIIT-B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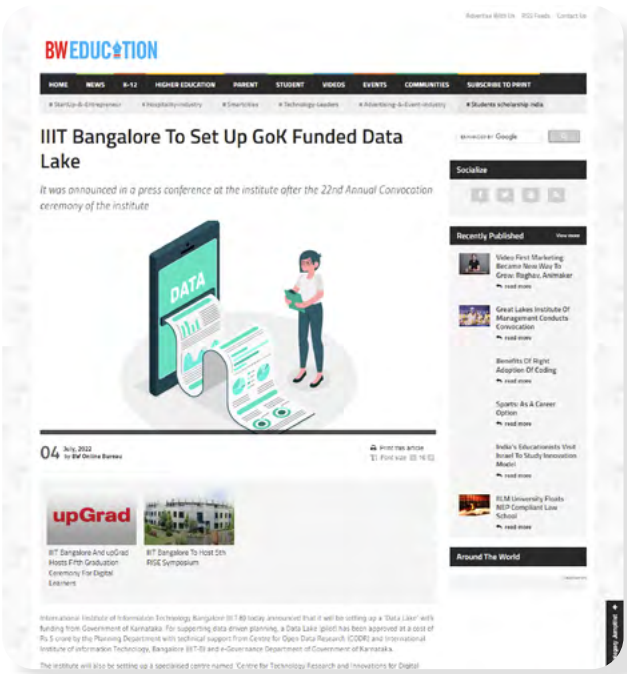
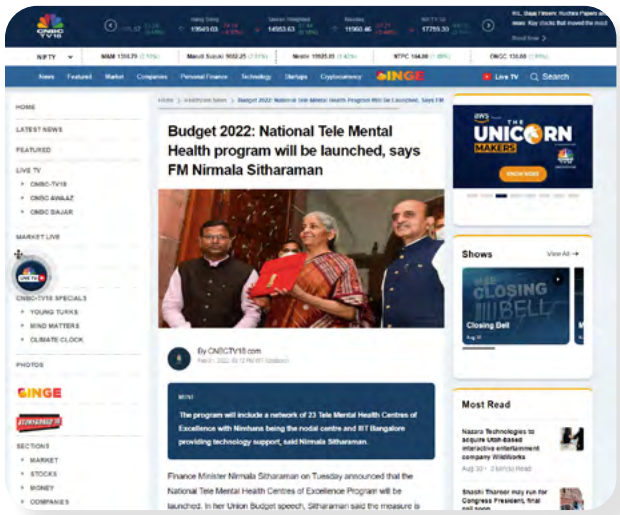
294 students graduate in 22nd Convocation of IIIT Bangalore


BW EDUCATION
IIIT Bangalore To Set Up GoK Funded Data Lake
It was announced in a press conference at the institute after the 22nd Annual Convocation ceremony of the institute
DATA
upGrad


Budget 2022: National Tele Mental Health program will be launched, says FM Nirmala Sitharaman
Shows
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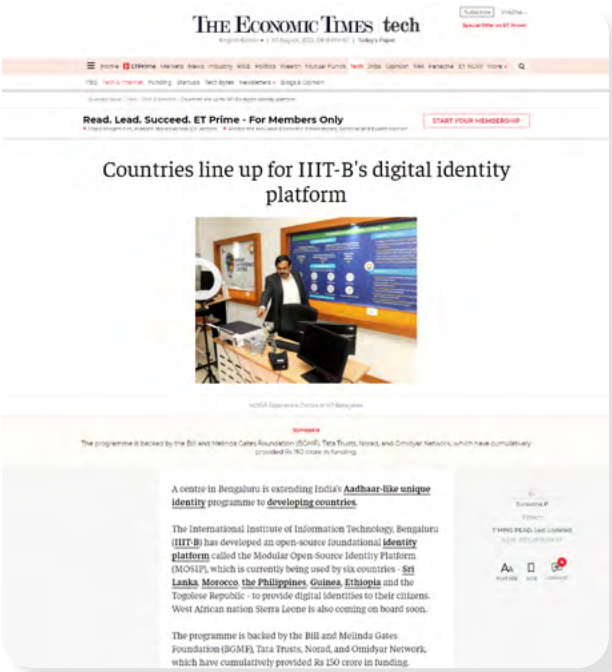
THE ECONOMIC TIMES tech

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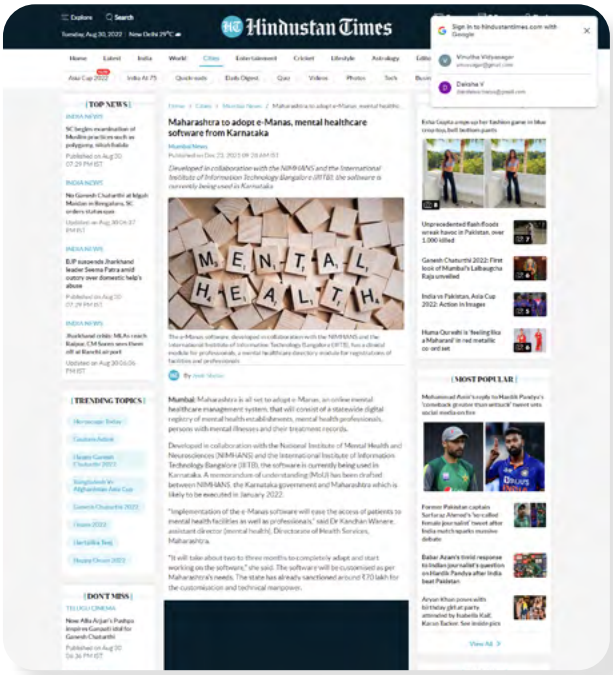
Countries line up for IIIT-B's digital identity platform

A centre in Bengaluru is extending India's Aadhaar-like unique identity programme to developing countries.

The International Institute of Information Technology, Bengaluru (IIIT-B) has developed an open-source foundational identity platform called the Modular Open Source Identity Platform (MOSIP), which is currently being used by six countries - Sri Lanka, Morocco, the Philippines, Guinea, Ethiopia and the Togolese Republic - to provide digital identities to their citizens. West African nation Sierra Leone is also coming on board soon.

The programme is backed by the Bill and Melinda Gates Foundation (BGMF), Tata Trusts, Norad, and Omidyar Network, which have cumulatively provided Rs 150 crore in funding.


Hindustan Times

Maharashtra to adopt e-Manas, mental healthcare software from Karnataka

Mumbai: Maharashtra is all set to adopt e-Manas, an online mental healthcare management system, that will consist of a statewide digital registry of mental health establishments, mental health professionals, persons with mental illnesses and their treatment records.

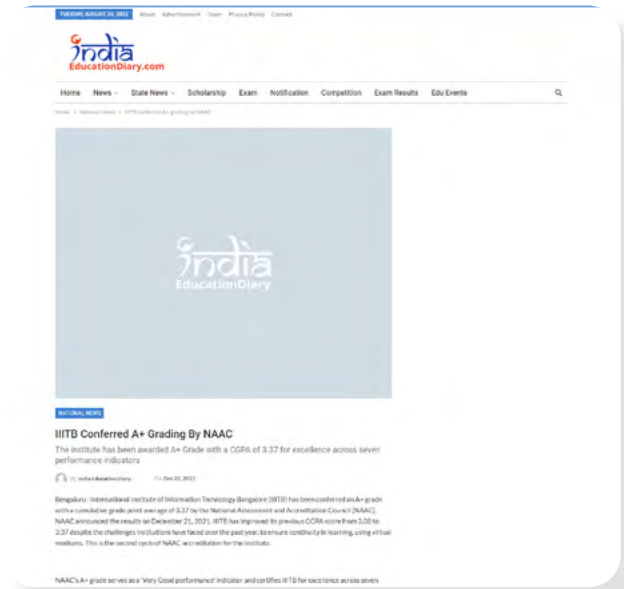
Developed in collaboration with the National Institute of Mental Health and Neurosciences (NIMHANS) and the International Institute of Information Technology Bangalore (IIITB), the software is currently being used in Karnataka. A memorandum of understanding (MoU) has been drafted between NIMHANS, the Karnataka government and Maharashtra which is likely to be executed in January 2022.

"Implementation of the e-Manas software will ease the access of patients to mental health facilities as well as professionals," said Dr Kanchan Wanere, assistant director (mental health), Directorate of Health Services, Maharashtra.

"It will take about two to three months to completely adapt and start working on the software," she said. The software will be customised as per Maharashtra's needs. The state has already sanctioned around ₹70 lakh for the customisation and technical manpower.

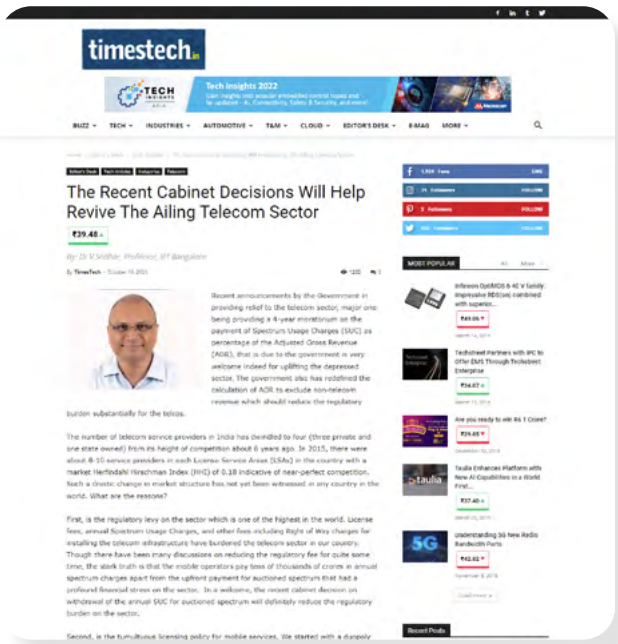

INDIA ONE NEWS.IN

Nikhil Agarwal from IIIT Bangalore & his team win AI in Fashion and Design Hackathon


India EducationDiary.com

IIITB Conferred A+ Grading By NAAC

The institute has been awarded A+ Grade with a CGPA of 3.37 for excellence across seven performance indicators


timestech

The Recent Cabinet Decisions Will Help Revive The Ailing Telecom Sector


oneindia kannada

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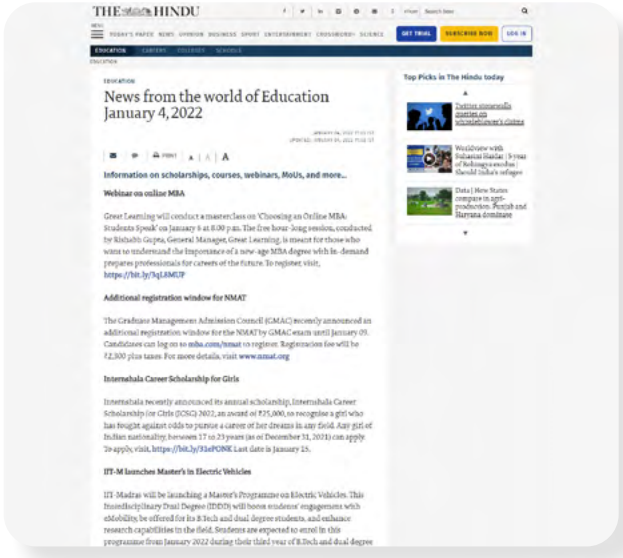
THE NEW INDIAN EXPRESS

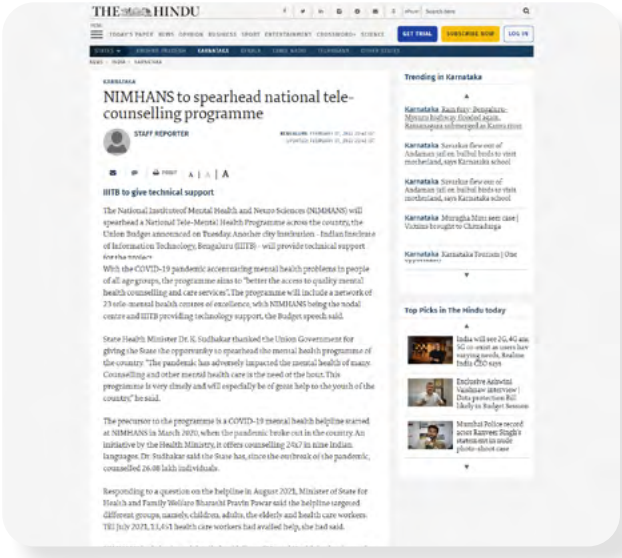
Bengaluru to get Rs 5-crore data lake for better governance, improved planning


NEWS18

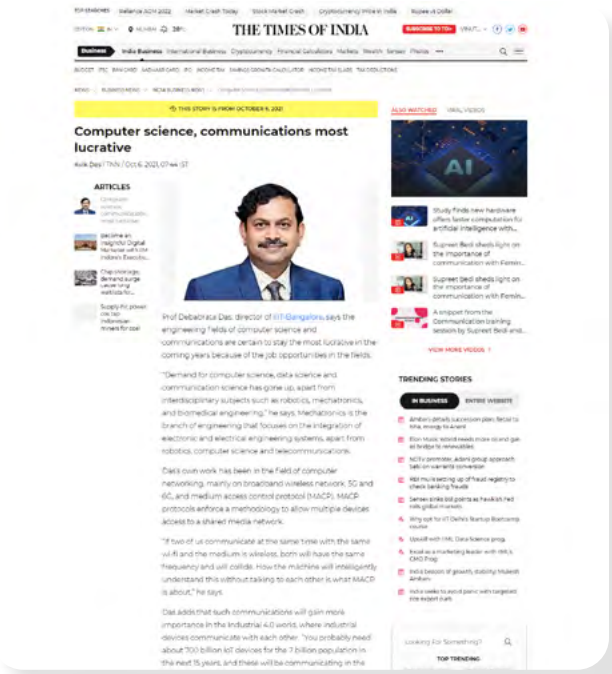
IIIT Bangalore Offers Advanced Executive Programme in Cybersecurity


THE HINDU

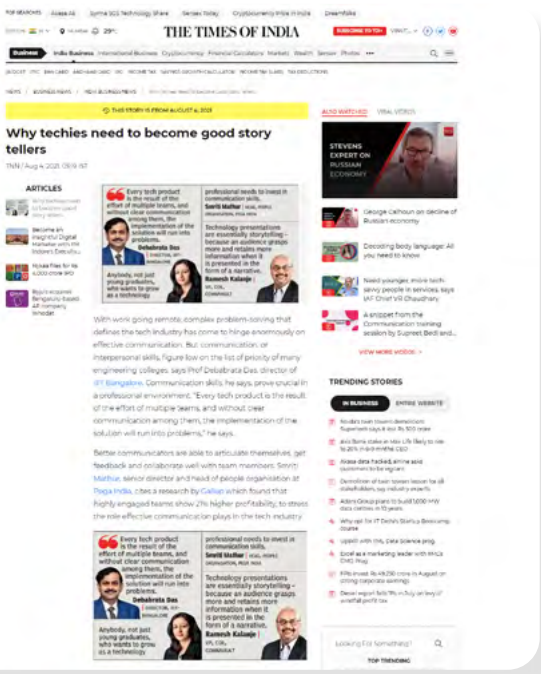
News from the world of Education January 4, 2022


THE HINDU

NIMHANS to spearhead national tele-counselling programme


THE TIMES OF INDIA

Computer science, communications most lucrative


THE TIMES OF INDIA

Why techies need to become good story tellers


THE TIMES OF INDIA

Aadhaar-like International Institute of Information Technology Bangalore platform launched in several nations

TOI


THE TIMES OF INDIA

Centre plans to scale up IIIT-Bengaluru's health project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How NAAC accreditation helps streamline higher education in Indian Universities


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More girls than boys are applying for research in STEM


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