

FROM THE DIRECTORS DESK

It is with great pleasure that I am sharing with you the recent achievements of NIT Goa. The institute continues to achieve excellence in research and academics while broadening its reach through various outreach activities.

It is a proud moment for NIT Goa to be selected as a SPOKE under the ANRF PAIR Program. The institute will be implementing a research project valued at ₹5.8 crores in collaboration with IIT Bombay, the Hub institute. This interdisciplinary research initiative will involve the Departments of CSE, ECE, EEE, Civil Engineering, and Applied Sciences, focusing on cutting-edge areas such as Industry 4.0, Energy, and Sustainability.

I extend my heartfelt congratulations to the students who have successfully completed their B.Tech final year at IIT Madras (IITM) and IIT Hyderabad (IITH). My best wishes also go out to those currently pursuing their final year at these institutes under the Student Exchange Program.

I warmly welcome Dr. Lakshmy Parameshwaran, Retired Chief Scientist, CSIR–Central Road Research Institute (CRRI), as a Guest Faculty at NIT Goa.

Prof. Omprakash R Jaiswal
Director, NIT Goa

ANRF PAIR PROGRAM

NIT Goa takes immense pride in serving as a SPOKE institute for the implementation of a research project worth ₹5.8 crores, in collaboration with IIT Bombay as the Hub Institute under the ANRF PAIR Program. The initiative brings together the Departments of Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Civil Engineering, and Applied Sciences to work in cutting-edge domains such as Industry 4.0, Energy, and Sustainability.

GIAN PROGRAM ORGANIZED

Dr. Modi Chirag N. from the Department of CSE conducted a 10-day GIAN course titled “Blockchain Evolution and its Application” from March 10–20, 2025, at NIT Goa, with funding support from the Ministry of Education, Government of India. Prof. Roman Vitenberg, Professor at the University of Oslo, Norway, was the foreign expert for the program.



GIAN course titled “Blockchain Evolution and its Application”.

CONFERENCE ORGANIZED

The Department of CSE hosted the 5th International Conference on Computer Vision and Robotics (CVR 2025) on April 25–26, 2025, in collaboration with the Soft Computing Research Society, India. The event brought together eminent experts from around the world to share insights on the latest trends and advancements in computer vision and robotics. Such initiatives underscore the Department’s commitment to fostering innovation, advancing research, and strengthening collaborations with leading institutions across the nation and beyond.



CVR2025, 25-26 April 2025 at NIT Goa

STUDENT EXCHANGE PROGRAM WITH IIT

Under the MoUs signed with IIT Madras and IIT Hyderabad, several third-year students from NIT Goa pursued and completed their final year at these premier institutions. From IIT Madras, the participating students were Shreeya Paresh Kamat and Hira Satchidanand Nayak from the Department of ECE, Sanad Pandharinath Shet Talaulikar from EEE, and Jeednya Bhaskar Sade from MCE. Likewise, at IIT Hyderabad, the students included Muskan Sanjay Sah and Devansh Garg from CSE, Aryan Chari from EEE, and Sahil Rajesh Lawande from MCE. For the students, this is more than an academic opportunity—it serves as a gateway to world-class research and professional excellence.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (CSE)

Mr. Shivansh, a final-year student from the CSE Department, has earned the recognition of being a Track Finalist at the OnlyFounders AI Hackathon, competing under the theme Momentum Tracker Agent. Ms. Rakshitha, another final-year CSE student, has been selected by both IIT Madras and IIT Hyderabad to pursue her final-year B.Tech studies. Both students have set remarkable milestones in their academic journeys, showcasing the talent and hard work that the CSE Department fosters.

Dr. Modi Chirag N, as a faculty from SPOKE Institute in collaboration with IIT Bombay as Hub Institute is going to implement a project titled “Cybersecurity: Technologies for Digital Privacy and Security” with a funding support of Rs. 80.22 Lakhs under ANRF PAIR Programme. In addition, Dr. Damodar Reddy Edla and Dr. Pravati Swain, as faculty from SPOKE Institute in collaboration with IIT Bombay as Hub.

The institute is going to implement a project titled “Distributed Data Center: AI powered sustainable distributed data center deployment through Environmental data” with a funding support of Rs. 194.11 Lakhs under ANRF PAIR Programme.

These initiatives highlight the commitment of the Dept of CSE to fostering innovation, research and collaboration with leading institutes across the nation.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

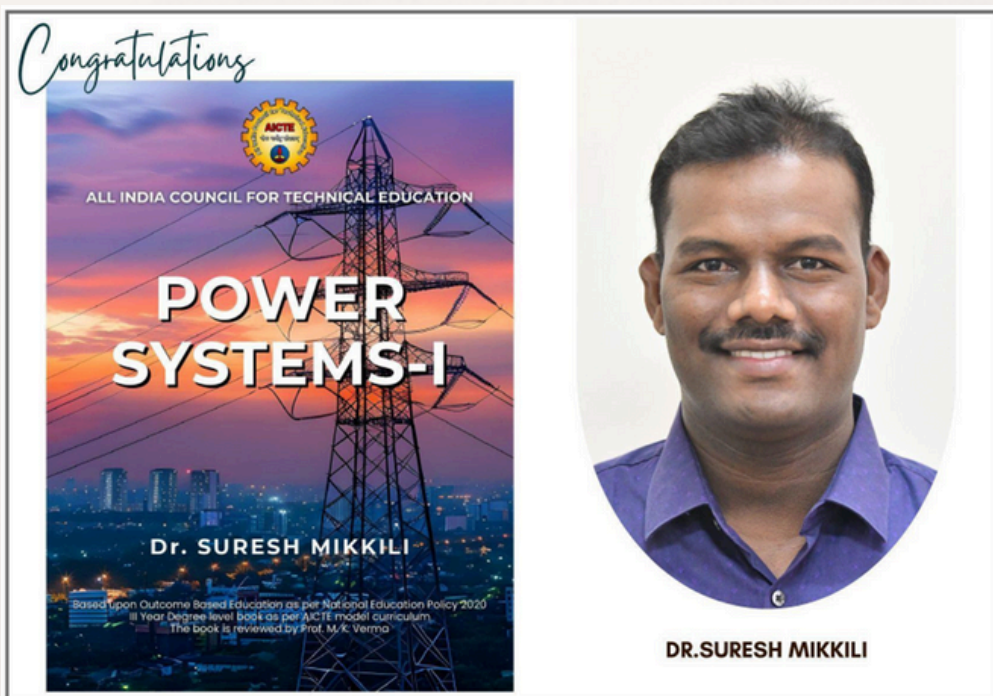
The following faculty members of EEE department Dr. Suresh Mikkili, Dr. C Vyjayanthi, Dr. Sreeraj E.S. & Dr. Soumitra Das, have received the acceptance of a prestigious Project under ANRF PAIR Scheme (Hub : IIT Bombay). Total budget of ANRF PAIR scheme is 100 crores, while the dept. of EEE NIT Goa has received Rs. 2.5 crores.

Dr. Suresh Mikkili has published 13 papers in 10 reputed Journals with his Ph.D. scholars namely IEEE Journal of Emerging and Selected Topics in Industrial Electronics, IEEE CPSS Transactions on Power Electronics and Applications, IET Electrical Systems in Transportation, IET Digital Twins and Applications, IET Smart Energy Systems, e-Prime-Advances in Electrical Engineering, Electronics and Energy – Elsevier, Transactions of the Indian National Academy of Engineering– Springer, Electrical Engineering – Springer, International Journal of Ambient Energy - Taylor & Francis, and IETE Journal of Research – Taylor & Francis.

Dr. Suresh Mikkili has received 02 INDIAN PATENTS along with his Ph.D. scholars

- Device for Battery Thermal Management for Electric Vehicles
- Solar Powered Spray Pump for Agricultural and Domestic Purposes

Dr. Suresh Mikkili has authored a text book “Power Systems-I”, for AICTE third year B.Tech Students and it was published in March 2025 (<https://ekumbh.aicte-india.org/allbook.php>)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

Under the guidance of Dr. Mallikarjun Erramshetty at NIT Goa, Nithish Reddy, Kavya Kamale, and Navya Sushmitha Kolli developed the “Mess Attendance System: A Smarter Way to Track Attendance” to streamline attendance management in mess facilities. This system, based on RFID technology and advanced software, is set to replace the traditional paper-based methods.

Dr. T. Veera Kumar, Dr. Trilochan Panigrahi, and Dr. Lokesh Kumar B have collectively published over 10 research articles in reputed high-impact journals, including IEEE Transactions on Communications, IEEE Transactions on Cognitive Communications and Networking, Multimedia Tools and Applications (Springer), Micro and Nanostructures (Elsevier), and the International Journal of Remote Sensing. Additionally, undergraduate students Nisha Sasvihalli, Nivedita Kashyap, under the guidance of Dr. Trilochan Panigrahi, published a conference paper at the International Conference on AI for the Oceans (ICAIO 2025) held at SRM University, Chennai, India, as an outcome of their project work.

DEPARTMENT OF MECHANICAL ENGINEERING (MCE)

Dr. Pravin Anandrao Pawar authored two book chapters that have been published by Wiley. Another achievement is the publication of a journal article as a single author by Dr. Abhijit Sarkar in Welding International (Taylor & Francis) titled "Influence of Welding Heat Input and Post-Weld Heat Treatment on Mechanical and Microstructural Properties of Modified 9Cr-1Mo (P91) Steel in Submerged Arc Welding."

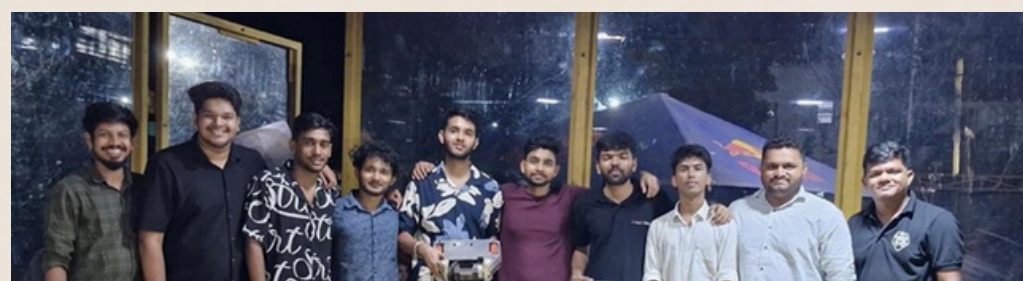
Dr. Prasenjit Dey published one article in reputed journal, “Physics of Fluids” with his Ph.D. Scholar Mr. Achintya Kambli titled as “Enhancement of overall hydrothermal performance of microchannel with porous vortex generators”.

In an effort to open up the students to an infinite realm of creation and simulation, the Mechanical Engineering Technical Association (META) launched four clubs on January 17, 2025: Navakalpa, Shunya One, Tvaran, and KrutrimX.



Inauguration of the FOUR clubs of META

Mr. Abhishek, Mr. Atharva Candgaonkar, Mr. Vishvesh Jaiswal, Mr. Saareesh Naik, Mr. Shailendra Singh, Ms. Vaishnavi Voragunti, and Mr. Yash Kamat secured the 2nd runner-up position in the 8kg category at the Robo-War competition during Quark 2025 held at Birla Institute of Technology, Goa from 7th to 9th February 2025.



“Robowar” at Quark 2025

In the "Hack The Future 2025" competition organized by IIEC, IIT Gandhinagar from 21st to 23rd March 2025, Mr. Swaraj Singh, Mr. Prashant Swami, Mr. Riya Priyadrashi and Mr. Felix Jayaprakash from third year B.Tech won the second place and a cash price of Rs. 55,000/-.



“Hack The Future 2025” competition

DEPARTMENT OF CIVIL ENGINEERING (CVE)

The Department organized a 5-day students training program on The Applications of Geosynthetics in Road Infrastructure Projects during 14-18 April 2025. The program was jointly organized by CSIR-CRRI and the National Technical Textile Mission (NTTM), Ministry of Textiles, Government of India.



The Department of Civil Engineering secured a consultancy project of Rs. 36 Lakhs from Military Engineering Services, Vasco towards the Third Party Testing and Inspection of Officers Quarters at Vasco.



Dr. Harikumar M secured a funded research project of Rs. 51 Lakhs on Ultra-High Compressed Earthen Blocks integrated with bio-binders for Sustainable and Affordable Construction, under the ANRF PAIR Scheme. Dr. GV Chandra participated in a Seminar on “Project on Capacity Enhancement for Management of Sewage Sludge in India –Technical Cooperation programme with Govt. of Japan” organized by NRCD and JICA on 17th April 2025. Dr. Bapi Mondal delivered an expert lecture titled Potential Use of Bamboo Strips as Reinforcement in Concrete on 30th May 2025 organized by ICFRE-IWST Field Station, Kolkata.

Dr. Sathishraj Mani published a paper on Evaluation of Thermal and Mechanical Properties of Concrete with Ground Granulated Blast Furnace Slag and Calcium Aluminate Cement for High-Temperature Thermal Energy Storage Applications in the Journal of Energy Storage.



The Department conducted a 3- day software training program for Engineers from Madhya Pradesh Rural Development Corporation in January, 2025.

Prof. K K Sangle along with faculty and students from VJTI, Mumbai visited the Department on 23rd January. They visited the laboratories in the Department and interacted with the students and faculty with respect to emerging research areas in Structural Engineering.



DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES AND SOCIAL SCIENCES (APS AND HSS)

Dr. Saidi Reddy Parne, Associate Professor of Physics and his research student's contributions During Jan-June 2025. Under his guidance, the students: Balachander Waddar and Preetha R Rao have been awarded Ph.D. Degree. Dr. Saidi Reddy Parne and his research scholars published Total 12 Peer-Reviewed Journal Articles (6 Q1 Journals and 6 Q2 Journals). Further, he has received HEFA-CSR Research funding of 26 Lakhs for the research proposal entitled: Development of Room-Temperature Transparent/Semi-Transparent All-Solid State Sodium-ion Batteries. Mr. Hariharan (under the guidance of Dr. L. Shangerganesh) and Mr. Chinnamuthu (under the guidance of Dr. Ravi Prasad K.J) have been awarded the degree of. Ph.D. in Mathematics. Mr. Ali A Hasan (under the guidance of Dr. Sunil Kumar) has been awarded the degree of Ph.D. in Economics.

Ms. Brenda Coutinho has been awarded the degree of Ph.D. in English, worked under Dr. Sarani Ghosal, who has also edited the Special Issue JIWS, Vol.27, Issue-2, (Q.2 Journal) published by Bridgewater State University, US.

CODING CLUB

Neha Naik and Poonam Prabhugaonkar of III year B.Tech. CSE were selected for the finals of Tynet 2.0 International Women Hackathon held at Dr. D. Y. Patil University, Navi Mumbai from 10th - 11th January, 2025.

Shivansh Pandey, Keshav Dadhich, and Shuvayu Sarkar, III year B.Tech. CSE were shortlisted to the finals of Hackverse 5.0 hackathon at NITK Surathkal held during 11th- 12th January, 2025.

G. R. Sowndarya of IV year B.Tech. ECE participated and qualified in EO Goa GSEA Finals 2024-2025 organized by Entrepreneurs' Organization Goa on 18th January, 2025.

Twelve students (Saksham Thakur, Sagar Shirgaonkar, Ved Shetye, Ujjwal Gupta, Saad Sayed, Mayank Desai, Gabriel D'Souza, Poonam Prabhugaonkar, Eleonora Fernandes, Sylvan D'Cunha, Russel D'Costa, Himansi Dhuri), from the ECE and CSE departments, participated in the Health-Hack Hackathon 2025, jointly organized by VIT Bhopal and Johns Hopkins University during 18th-19th February, 2025.

Ujjwal Gupta of IV year B.Tech. ECE won the third prize at MCS Innovators Arena held on 24 January, 2025 at Bangalore. Saksham Thakur, Sagar Shirgaonkar, Ved Shetye, G. R. Sowndarya and Sneha also participated in the same event.

Saksham Thakur, Mayank Desai, Sagar Shirgaonkar, and Ved Shetye, IV year B.Tech. ECE, won the prize for Best Innovation at HacXerve hackathon, held during 1-2 February, at Mysore.

Keshav Dadhich, Shuvayu Sarkar, and Shivansh Pandey, III year B.Tech. CSE were shortlisted to the finals of DotSlash 8.0 Hackathon held at SVNIT Surat during 1-2 February 2025.

Aditya Sharma and Sumukh Bhende, III year B.Tech. ECE, won the second prize at Squid Code organized as a part of Technix, Goa College of Engineering, on 20 March 2025.

Abhishek Choukuse (IV year B.Tech. CSE), and Anant Mahambrey (III year B.Tech. CSE) won the second prize in Code Mingle:Code in Chaos Event organized as a part of Technix, Goa College of Engineering, on 21 March 2025

Ashish Singh (IV year B.Tech. CSE) and Khushi (III year B.Tech. ECE) won the first position in Tug of Prompts at Technix, Goa College of Engineering on 21 March 2025.

Team Webstart, comprising Felix Jayaprakash (MCE), Prince Chauhan (ECE), Swaraj Singh (MCE), Prashant Swami (MCE), and Riya Priyadarshi (MCE), won the second prize in Hack the Future hackathon organised by IIEC, IIT Gandhinagar, during 21-23 March 2025.

Ashish Singh (IV year B.Tech. CSE) and Khushi (III year B.Tech. ECE) won the first position in Tug of Prompts at Technix, Goa College of Engineering on 21 March 2025.

Team Webstart, comprising Felix Jayaprakash (MCE), Prince Chauhan (ECE), Swaraj Singh (MCE), Prashant Swami (MCE), and Riya Priyadarshi (MCE), won the second prize in Hack the Future hackathon organised by IIEC, IIT Gandhinagar, during 21-23 March 2025.

Keshav Dadhich, Shuvayu Sarkar, Neha Naik, and Shivansh Pandey, III year B.Tech. CSE participated in DevsHouse'25 Hackathon held at VIT Chennai from 4th- 6th April, 2025.



RESEARCH AND CONSULTANCY

NIT Goa as a SPOKE is going to implement a research project worth of Rs. 5.8 crores in collaboration with IIT Bombay as Hub Institute under ANRF PAIR Program. It involves the Department of Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Civil Engineering and Applied Sciences to work in the current domains of Industry 4.0, Energy and Sustainability.

Dr. P S Reddy has received a research funded project titled "Development of Room-Temperature Transparent/Semi-Transparent All-Solid State Sodium-ion Batteries" from HEFA.

Till date, NIT Goa has been sanctioned 54 research projects with a research funding support of more than 40 Crores.

NIT Goa has more than 22 Granted patents, 18 published.

NIT Goa has attracted consultancy works from Military Engineering Services, CPWD etc.

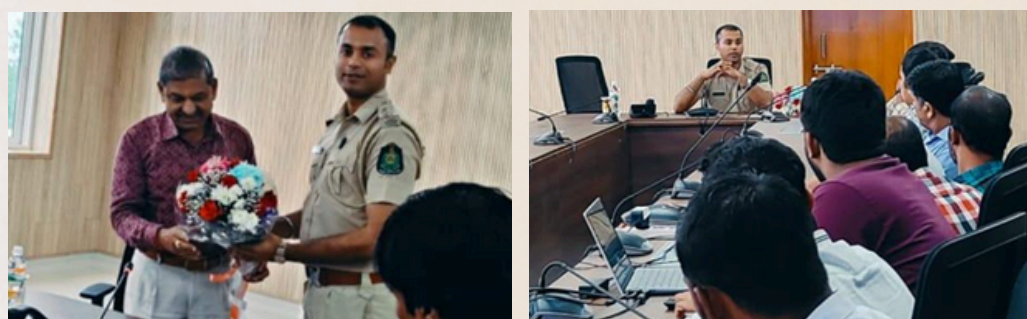
NIT Goa has been sanctioned to conduct two GIAN courses titled “Blockchain Evolution and its Applications” and “Controller Design: Evolution from Classical to Machine Learning Framework”, funded by MoE.

NIT Goa has been sanctioned one seat for Post-Doctoral Fellowship and 03 seats for PhD under Visvesvaraya PhD scheme.

FACULTY WELFARE

Nasha Mukta Pakhawada Celebration

As part of the Government of India’s “MISSION DRUG FREE CAMPUS” as a part of the Observance of “नशा मुक्त भारत पखवाड़ा” during June 12-26, 2025, the Dean (FW) office organized a drug awareness session on 26 June, 2025 featuring by Mr. Aditya Sawant, Police Sub-Inspector of Cuncolim Police Station. Mr. Sawant shared valuable insights on the dangers of drug abuse and the challenges faced by law enforcement, emphasizing the importance of community involvement in combating the issue. The session aimed to educate students and faculty about the harmful effects of drugs and promote a healthy, drug-free lifestyle.



MISSION DRUG FREE CAMPUS observance on 26th June, 2025

ALUMNI AFFAIRS

NIT Goa Alumni Reunite for a Day of Celebration, Reflection, and Growth

NIT Goa celebrated its first Alumni Day on April 25, 2025, at its new campus. The Institutional Relations and Alumni Affairs (IRAA) section organized the event, which brought together alumni from various batches. Director Professor O. R. Jaiswal addressed the gathering, emphasizing the critical role of alumni in strengthening the institute’s growth and highlighting the increasing relevance of Artificial Intelligence (AI) and related technologies. He encouraged contributions to building research capacity in these areas. The day included discussions on innovation, startups, and job opportunities, fostering a strong network between alumni and current students.



First Alumni meet on 25th April 2025

SPORTS SECTION

The Sports Section of NIT Goa is actively engaged in diverse events promoting patriotism, sports, wellness, and social responsibility. The 76th Republic Day was celebrated with great enthusiasm, with the Director highlighting the Viksit Bharat@2047 vision and the institute’s achievements. NIT Goa teams participated in various All India Inter-NIT tournaments across multiple disciplines. An inclusive Intramural Cricket Tournament, organized by the Sports Section, encouraged gender equality and sportsmanship. The 11th International Day of Yoga was observed through “Yoga Sangam,” with active participation from faculty, staff, students, and community members. The institute also supported the “Say Yes to Life, No to Drugs” e-pledge campaign under the Nasha Mukta Bharat Abhiyaan.

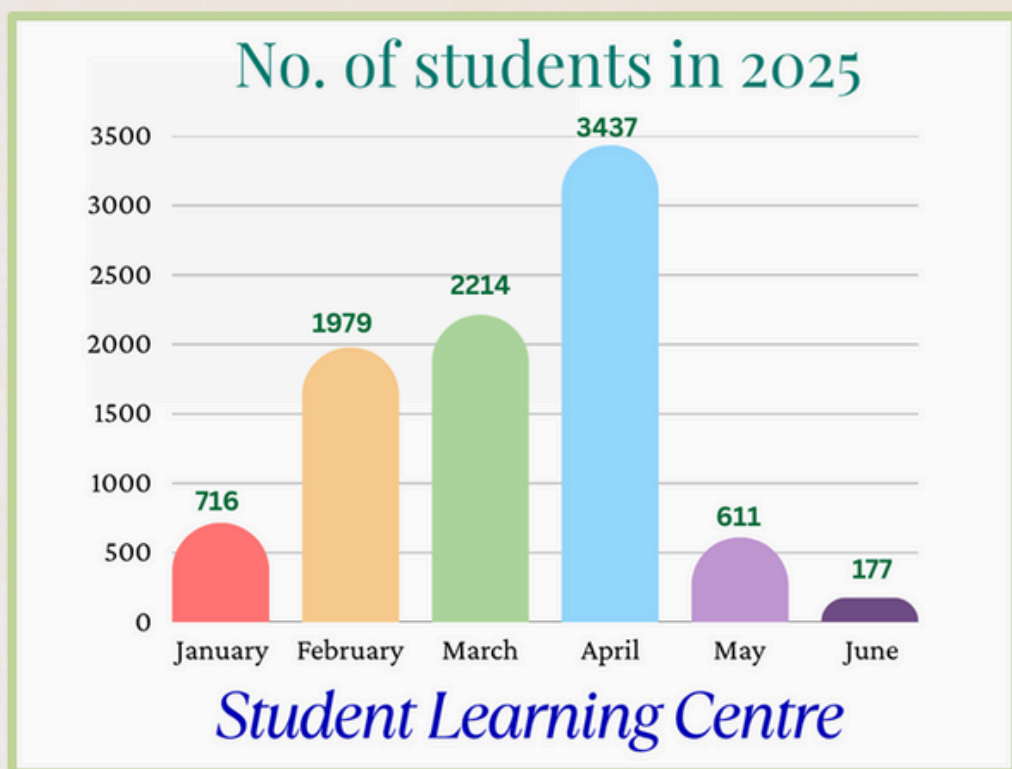




CENTRAL LIBRARY

The Central Library has opened a Student Learning Centre and a Digital Library from 20th January 2025 on the first floor. Students make optimum use of library space. It has spacious seating arrangement, comfortable environment for learning and extended hours from 6:00 am to 11:00 pm.

We are glad to provide computers for students who do not have their personal laptops; they can browse scholarly content, including digital resources and databases to enhance the research and studies.



User statistics for the month January–June 2025.

EK BHARAT SHRESTHA BHARAT (EBSB) CLUB ACTIVITIES

NIT Goa celebrated EBSB Days (Apr 4–6) with vibrant events—Traditional Day, Gudi Padwa & Ugadi festivities, and Vasant Navratri. A beautiful tribute to India's unity in diversity!

NIT GOA OUTREACH PROGRAMS

School Children Visit to NIT Goa | Government High School, Fatorpa

Government High School, Fatorpa, Cuncolim -Goa, IX & X Standard Students and faculty members visited our NIT Goa campus on 06.02.2025.

Our Faculty Members taught lectures on Experimental Physics, Experimental Chemistry and Mathematics Subjects. Also showed Physics, Chemistry and Laboratories.



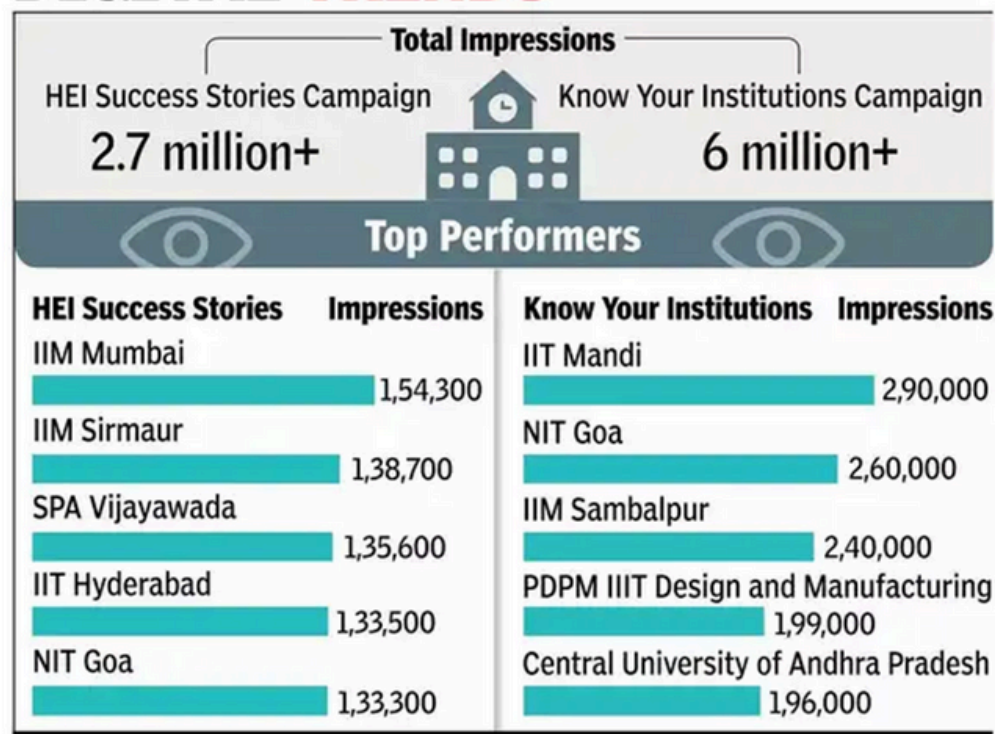
NIT Goa Shines Among India's Most Influential Institutions on Social Media

We are proud to announce that NIT Goa has been recognized as a top performer in the "Know Your Institutions" and "HEI Success Stories" campaigns, garnering 2,60,000+ and 1,33,300+ impressions, respectively!

This achievement places us among India's most influential institutions, alongside IITs and IIMs, showcasing our excellence and impact in the digital space.

A big thank you to everyone for their continuous support!

DIGITAL TRENDS



Dr. B. R. Ambedkar's 135th Birth Anniversary Celebrations

NIT Goa celebrated Dr. B. R. Ambedkar's 135th Birth Anniversary. His vision of equality and justice inspires people every day



School Children Visit under NEP

Government High School, Vidhyanagar, Aquem, Margoa -Goa, IX & X Standard Students (35) and faculty members (2) visited our NIT Goa campus as part of the new Education policy. Our Faculty Members taught lectures on Experimental Physics, Experimental Chemistry and Mathematics Subjects. Also showed Physics, Chemistry and Laboratories.



Blood Donations Camp Organized

NIT Goa in collaboration with Goa Medical College and Hospital organized a Blood Donation Camp on 2 April 2025. Our students and employees had participated actively and conveyed an example of our commitment to saving lives. Special thanks to our META Student Chapter of the Mechanical Engineering Department for organizing such a kind of novel work and also for their invaluable volunteership."



Blood Donation Camp

National Institute of Technology Goa,
Kottamoll Plateau, Cuncolim Municipal Area,
Salcete Taluka, South Goa District, Goa -
403703

To know more about us please visit our official pages:

