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ADMISSION BROCHURE

NATIONAL
INSTITUTE OF
TECHNOLOGY GOA

Kottamoll Plateau, Cuncolim,
Goa

NATIONAL INSTITUTIONAL RANKING FRAMEWORK
NIRF RANKING
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NITG PERMANENT CAMPUS, CUNCOLIM

WELCOME TO NIT GOA!

The National Institute of Technology Goa (NIT Goa) is a premier national-level technical institute in India established in 2010 by an act of parliament (NIT Act, 2007 and NIT (Amendment) Act, 2012). NIT Goa is an autonomous institute functioning under the aegis of Ministry of Education (MoE), Government of India, and has been declared an "Institute of National Importance".

After a decade-long journey in the transit campus, the Institute has moved to its permanent campus at Cuncolim, South Goa. The permanent campus of NIT Goa was inaugurated by the Honorable Prime Minister, Shri Narendra Modi Ji on 6th February 2024. This marked a significant milestone in the Institute's journey. The campus spreads over 114 acres with various facilities such as tutorial complex, departmental complex, seminar complex, administrative complex, health center, staff quarters, amenity center, sports ground and other utilities. The campus has the dedicated Hostel facility for girls and boys with a capacity of 275 and 825 students respectively.

NIT Goa offers residential facilities with separate hostels for male and female students, accommodating over a eleven hundred students. Each hostel provides comfortable, individual room accommodation near the Tutorial and Library Blocks, along with separate mess facilities. Wi-Fi is available throughout the hostel premises, enhancing the appeal of its peaceful and clean surroundings. Security personnel ensure round-the-clock safety. Five wardens oversee discipline and hygiene in their respective hostels, while overall supervision is managed by the Chief Warden along with a team of wardens. The hostel serves as a nurturing environment, shaping students' personal development during their academic journey.

VISION

National Institute of Technology Goa shall emerge as one of the nation's pre-eminent institutions. Through its excellence, it shall serve the Goan society, India and humanity at large with all the challenges and opportunities

MISSION

1. NIT Goa strives for quality faculty, good students and excellent infrastructure;
2. Strives for excellence, through dissemination, generation and application of knowledge by laying stress on interdisciplinary approach in all the branches of Science, Engineering, Technology, Humanities and Management with emphasis on human values and ethics;

LOCATION

Our campus is located at Kottamoll Plateau, Cuncolim Municipal Area, South Goa District, Goa - 403703, approximately 38 km from Dabolim Airport and 15 km from Madgaon Railway Station.



Programs & Intake

B.Tech

- Civil Engineering: 37
- Mechanical Engineering: 37
- Computer Science and Engineering: 50
- Electronics and Communication Engineering: 50
- Electrical and Electronics Engineering: 50
- Total: 224

M.Tech

- Computer Science and Engineering: 25
- VLSI: 25
- Power Electronics and Power Systems: 24

Ph.D

- Ph.D. in various streams of Engineering, Applied Sciences, Technology, and Humanities & Social Sciences

ADMISSIONS DETAILS

- B.Tech: Admissions are offered based on ranks in JEE (Main) and through the DASA scheme, subject to fulfilment of all necessary criteria and requirements.
- M.Tech: Candidates with a valid GATE score and those applying through the CCMT are eligible for admission, subject to fulfilment of all necessary criteria and requirements. A few seats are reserved for eligible sponsored and DRDO candidates, provided they meet all necessary requirements. We also offer a Full-time Self-Financed (Non-GATE) M.Tech program for any remaining seats.
- Ph.D.: Candidates can apply for admission as per the notifications published on the Institute's website, with detailed guidelines, criteria, etc., mentioned in each notification. All necessary conditions must be met.
- For more detailed information on admission procedures and hostel facilities at NIT Goa, please visit the following website: <https://nitgoa.ac.in>.
- Fee structure link: https://www.nitgoa.ac.in/static/fee_structure_23-24_25july2023.pdf

The image shows the National Institute of Technology (NIT) Goa building, a large, multi-story structure with a prominent central tower and many windows. The building is surrounded by greenery and a clear sky. The text "NATIONAL INSTITUTE OF TECHNOLOGY GOA" is visible on the building's facade.

ACADEMIC PROSPECTS OF NIT GOA

- NIT Goa has implemented NEP 2020 from academic year 2023-24 with an aim to emphasize creativity, individual potential and to revive the glory of ancient Indian Knowledge.
- Minor programs in four specialisations is facilitated for providing Flexibility and inter-disciplinary learning of B.Tech students .
- Eligible B.Tech students are allowed to carry out courses in 7th and 8th semesters in IITs and equivalent credit transfers is facilitated.
- B.Tech students are allowed to carry out 8th semester internships at Industries/Research organisations for enabling Industry-oriented learning for the students.
- Courses on Indian Knowledge Systems are provided.
- Institute facilitates gaining and adding the credits in Academic Bank of Credits (ABC). Students can enable transfer of credits earned from any authorized academic platform like other Academic Institutions, MOOCs (Massive Open Online Courses)/SWAYAM Platforms, etc.
- Student mentorship program (SMP) is facilitated for new joiners, by handholding them with motivated 3rd year students. This will enable the new joiners to learn the nuances of engineering education and overcome initial hurdles seamlessly.
- Institute funds experimental B.Tech and M.Tech projects to a tune of 1.5 lakhs/academic year to enable skill-based learning.
- M.Tech without GATE in Self-financed and Sponsored categories is facilitated.
- M.Tech students are allowed to carry out half-semester/one year internship as M.Tech Project at Industries/Research organisations.
- Ph.D. without GATE in Part-time, Self-Sponsored and Sponsored categories is facilitated.
- Well performing Ph.D. students are encouraged and provided partial funding for attending international conferences organised outside India, so that students get international exposure



MoUs and Student Exchange Programme

- Presently, NIT Goa has fourteen (14) active MoUs. Among these, five (05) of the MoUs are with various national and international academic institutions, which include provisions for student exchange programs, and two (02) are with industries.
- Recently, NIT Goa and IIT Madras have jointly agreed to establish a specific MoU related to student exchange programs.
- In this program, students from NIT Goa will be given the opportunity to continue their academics in the 7th and 8th semesters at IIT Madras. Upon successful completion of their final year at IIT Madras, while satisfying IIT Madras' requirements, the students will be given the opportunity to join the integrated Ph.D. program offered by IIT Madras.

STUDENT MENTORSHIP PROGRAM

Our Student Mentorship Program offers invaluable support for first-year students through expert counseling, peer mentorship, and holistic development initiatives.

Benefits:

1. **Expert Counseling Access:** Immediate access to expert counselors ensures timely support for academic, personal, and emotional needs.
2. **Peer Mentorship:** Assigned third-year mentors create a supportive environment, aiding in academic and personal growth.
3. **Transition Assistance:** Guided navigation of university life facilitates a smoother transition, enhancing student adaptation.
4. **Holistic Development:** Mentors foster personal growth, campus involvement, and a balanced lifestyle, nurturing well-rounded individuals.
5. **Social Integration and Long-Term Support:** Group activities and ongoing mentorship foster a sense of belonging and ensure sustained student success.

COMPUTER SCIENCE ENGINEERING

The Department of Computer Science and Engineering at NIT Goa is one of the founding departments of the institute, established in 2010. It offers a four-year full-time B.Tech degree program, a two-year full-time M.Tech degree program, and a Ph.D. program in Computer Science and Engineering.



RAMANUJAN COMPLEX

Faculty members of the CSE department are experts in various areas, including mobile computing, machine learning, data mining, wireless sensor networks, information security, network security, cryptography, cloud security, key management, content-based information retrieval, pattern recognition, computer vision, algorithms, computational intelligence, privacy and security, network protocols, and wireless networks. Faculty members of CSE dept. have published numerous research papers in national and international conferences and journals.

ELECTRONICS & COMMUNICATION ENGINEERING



SARABHAI COMPLEX

The Electronics and Communication Department of NIT Goa was established in 2010. It offers B. Tech, M.Tech. in VLSI, and a Ph.D. program in Electronics and Communication Engineering. The department's goal is to impart theoretical and practical knowledge in Electronics and Communication Engineering to students to enable them for technology and research.

The department covers the following major areas in Electronics and Communication Engineering through its courses and projects: VLSI, Communication and Networking, Signal Processing, RF & Microwaves, Microelectronics and Electronics Design, and Electromagnetics. Faculty members in the ECE department are committed to teaching and research. They try to cultivate interest in students for research and technology. The department also has essential softwares like Cadence, Visual TCAD, Mentor Graphics, Xilinx, Synopsys, MATLAB & PSPICE

ELECTRICAL & ELECTRONICS

ENGINEERING



ABDUL KALAM COMPLEX

The significant areas of faculty expertise include Power Systems, Power Electronics, Power Electronic Drives, HVDC Transmission, FACTS Controllers, Electrical Machines, Control Systems, smart Grid, Signal Processing, Energy Management, Neural Networks, and Application of Signal Processing in Power Systems and Power Electronics. Their research is being published in leading international journals and conferences. The lab facilities and the infrastructure are regularly upgraded and are well supported by the institute and the industry.

The Electrical and Electronics Engineering Department was formed during the institute's founding in 2010. It provides B.Tech. and research programs in Electrical and Electronics Engineering and M.Tech in Power Electronics and Power Systems. The faculty members are committed to providing the finest possible education for the students.

MECHANICAL

ENGINEERING

The Department of Mechanical Engineering was founded in 2018, offering a B.Tech curriculum. Dedicated faculty members provide high-quality education, specializing in areas such as Design for Assembly, Applied Ergonomics, Single-phase and Multi-phase Heat Transfer, Micro and Nano Heat Transfer, Multi-Phase Flow, Fracture Mechanics, Cryogenic Deformation, Tribology, Renewable Energy Applications, and Supply Chain Management.



VISVESVARAYA COMPLEX

The department's research contributions have been published in prestigious international journals and conferences. Students are trained in software like AutoCAD, SolidWorks, ANSYS, Arduino Programming, and CNC Programming. Lab facilities and infrastructure are regularly upgraded to ensure students have access to the latest technology. Additionally, the department actively engages students in conferences, competitions, workshops, lab and industrial visits, and talks by eminent personalities in the field of Mechanical Engineering.

The Department of Civil Engineering was established in 2018, offering a diverse range of courses to equip students with essential skills and knowledge for the workforce. Emphasizing research, development, and entrepreneurship, the department undertakes various tasks including planning, structural design, road construction, and maintenance. Students learn construction methods and materials to ensure projects comply with safety standards, minimize environmental impact, and promote long-term sustainability.



VISVESVARAYA COMPLEX

Additionally, they receive training in software such as AutoCAD and Midas. Faculty expertise spans Structural Analysis, Sustainable Materials Development, Artificial Intelligence and Machine Learning, 3D Printing, Hybrid Geosynthetics for Soil Slopes, Sustainability in Geotechnical Engineering, and Model Foundation Studies

HUMANITIES & SOCIAL SCIENCES

The department is interdisciplinary and offers English, Economics, and Engineering Ethics courses. These courses are primarily required to provide a foundation and broad background in Professional Communication, Engineering/Managerial Economics, and a few Mandatory Learning Courses (MLC) like Environmental Studies and Professional Ethics and Human Values. A course structure that integrates science and humanities with core engineering courses and the availability of program electives provides greater flexibility in making choices, ensuring rational and creative thinking among the students.

APPLIED SCIENCES

The Department of Applied Sciences at NIT Goa is multidisciplinary, with three disciplines now offered: physics, chemistry, and mathematics. Faculty members in the department are dedicated to teaching, research, and other co-curricular activities. The department aims to provide engineering graduates with a solid foundation in the Basic Sciences and Language and to help them achieve their potential as great engineers. The department's ultimate goal is to provide a value-based liberal education to aspiring engineers while preparing them to address rising global concerns.



CV RAMAN COMPLEX

PHYSICS LAB

Welcome to the Physics Laboratory at the National Institute of Technology Goa. Here, meticulous experimentation reveals the secrets of electrons in magnetic fields and light through precise prisms. Our students engage in the study of quantum phenomena amidst a serene environment. With a commitment to academic excellence, we foster discovery and innovation, shaping the minds of future scientists.



CHEMISTRY LAB

Welcome to the Chemistry Laboratory at the National Institute of Technology Goa. Within these walls, experiments unfold with precision, unraveling the intricate dance of molecules in controlled environments. Here, students explore the synthesis of compounds and the analysis of reactions amidst an environment conducive to discovery. Committed to academic excellence, we foster a culture of scientific inquiry and innovation, shaping the minds of future chemists.



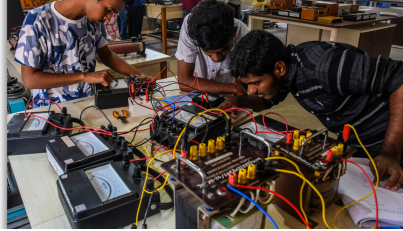
COMPUTER SCIENCE LAB

Welcome to the Computer Science Laboratory at the National Institute of Technology Goa. Here, code springs to life, driving digital solutions for tomorrow's challenges. Students delve into programming languages and computational theory, shaping the future of technology. With a focus on innovation, we empower the next generation of computer scientists to tackle the complexities of the digital age.



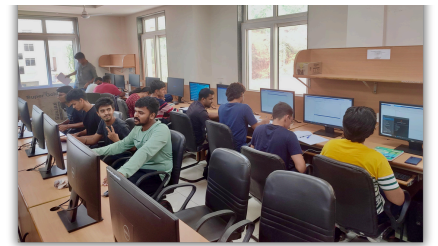
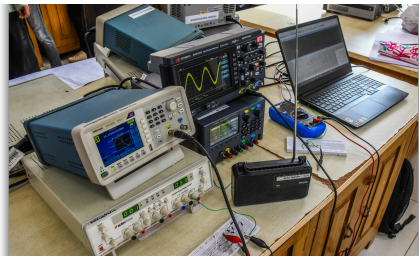
ELECTRICAL & ELECTRONICS LAB

Welcome to the Electrical and Electronics Engineering Laboratory at the National Institute of Technology Goa, where circuits hum with the promise of innovation and electrons dance to the rhythm of discovery.



ELECTRONICS & COMMUNICATIONS LAB

Welcome to the Electronics and Communication Engineering Laboratory at the National Institute of Technology Goa, where signals traverse circuits, unraveling the mysteries of communication technology amidst a backdrop of innovation.



MECHANICAL LAB

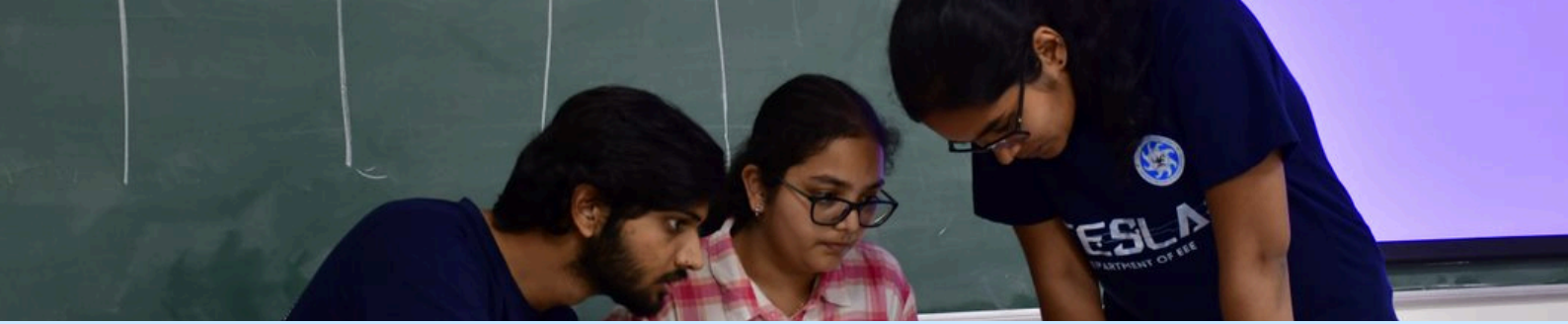
Welcome to the Mechanical Engineering Laboratory at the National Institute of Technology Goa, where gears turn and structures take shape, fostering innovation and hands-on learning in the realm of mechanics.



CIVIL LAB

Welcome to the Civil Engineering Laboratory at the National Institute of Technology Goa, where concrete mixes with theory, and structures rise to meet the challenges of modern infrastructure, shaping the landscape for generations to come.





RESEARCH & DEVELOPMENT AT NIT GOA

- At NIT Goa, we are deeply committed to fostering a culture of research and innovation. Our faculty are actively engaged in R&D activities, contributing to the advancement of knowledge in their respective fields.
- R&D Projects: Our faculty have received a total of 53 R&D projects, with funding amounting to Rs.35 crores from various prestigious funding agencies such as SERB, DST, MeitY, MNRE, DRDO, ARTPARK-IISC, Norwegian Research Organization, CEFIPRA (Indo-French), ICSSR, etc. Till date, we have successfully completed 37 R&D projects worth Rs. 18.12 crores, and 16 R&D projects worth Rs. 16.82 Crores are currently under implementation.
- Patents: Innovation is at the heart of what we do at NIT Goa. We have been granted a total of 20 patents, including Indian Patents, Australian Innovation, and German Utility. Recently, we have been granted 8 Indian Patents, reflecting our continuous pursuit of novel and impactful solutions.
- Research Publications: Our faculty have made significant contributions to their respective fields, with more than 1600 publications in various reputed journals and conferences till date. This underscores our commitment to disseminating knowledge and promoting scholarly discourse.
- By choosing NIT Goa, students become part of a vibrant academic community that values research, innovation, and the pursuit of excellence. Our strong R&D focus ensures that our students are always at the forefront of technological advancements, well-equipped to meet the challenges of the future.

GYAN MANDIR

Gyan Mandir, the academic nucleus of the National Institute of Technology Goa, houses well-equipped classrooms and interactive spaces where students engage in vibrant discussions, collaborate on projects, and pursue knowledge across disciplines, fostering a culture of learning and intellectual growth.



MANDOVI SEMINAR HALL

The Mandovi Seminar Hall at the National Institute of Technology Goa stands as a versatile venue, seamlessly transitioning between scholarly seminars, academic conferences, engaging lectures, and vibrant cultural performances. With its adaptable design and state-of-the-art facilities, it serves as a dynamic hub where ideas are exchanged, knowledge is disseminated, and cultural expressions are celebrated, enriching the academic and cultural landscape of the institute.



TALPONA BOY'S HOSTEL

Talpona Boy's Hostel at the National Institute of Technology Goa isn't just a residence; it's a close-knit community where bonds are formed and experiences are shared, providing students with a comfortable living environment and conducive study spaces that promote both academic success and personal growth.



TEREKHOL GIRL'S HOSTEL

Terekhol Girl's Hostel at the National Institute of Technology Goa offers more than just accommodation; it's a supportive community where students thrive, providing a safe and comfortable living environment along with opportunities for personal growth and academic success.



VYAVAHAR GHAR

The Vyavahar Ghar, set to commence operation shortly, will serve as a central hub for essential services on the campus of the National Institute of Technology Goa. It will house facilities such as a post office and banking services, streamlining administrative tasks and ensuring convenience for students, faculty, and staff members.



PLAYGROUND

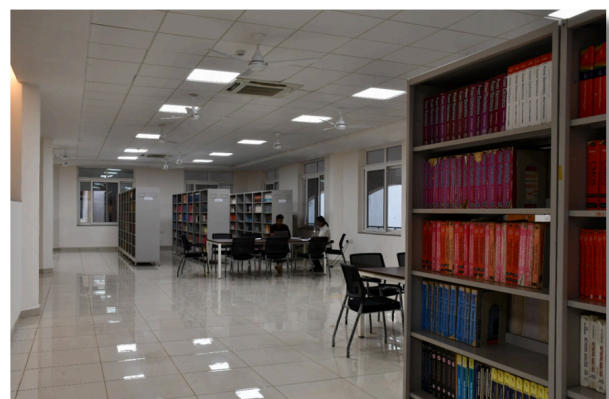
The Playground at the National Institute of Technology Goa is more than just a field; it's a dynamic space where students come together to unwind, compete, and bond through sports and recreational activities. With its vast expanse and modern facilities, the playground serves as a hub for physical fitness, team spirit, and leisure, offering students a well-rounded college experience beyond the confines of the classroom.





LIBRARY

Central Library of the National Institute of Technology Goa (NIT Goa) spread over an area of 664 sq. mt., and it has spacious arrangement of reading. The library provides more than 10 thousand printed books on subjects of Science, Technology, Engineering, Economics & Finance, Management, Professional Communication, Hindi literature, etc. Moreover, library provides access to the reputed international E-journals such as IEEE Xplore Digital Library, Springer, ACM Digital library, Elsevier (Back files), etc. Also, the NIT Goa library provides the access to selective E-books and the CMIE- ProwessIQ (Center for monitoring Indian Economy) database. The library automation software is used for housekeeping activities of NIT Goa library. It reminds and alerts to its users on their transactions, and assists them in searching in OPAC database to save the time.



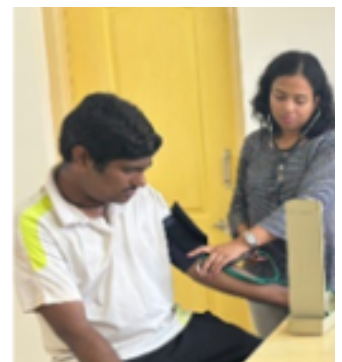


Healthcare at Campus

Our Sushruta Health Center, located centrally, provides comprehensive healthcare services. Staffed with a Medical Officer, Counsellor, Technical Assistant, Nurse, and Ambulance Drivers, we ensure 24/7 medical assistance.

14.2.1 Facilities

- Medical Equipment: Includes Electrocardiogram, Oxygen Cylinder, Pulse Oximeter, Nebulizer, Glucometer, and other emergency equipment.
- Pharmacy: Provides prescribed medicines and medical appliances since 2022.
- Nursing: Offers outpatient services including dressing and administration of medicines.
- E.C.G: Available for patients in need.
- Dressing Room: Facilitates minor surgical procedures.



OUR HEALTH CARE CENTRE



TRAINING & PLACEMENT

- Our Training and Placement Cell aims to provide opportunities to students to shape their career. We have a strong placement record with students placed in varied sectors like Research and Development, Engineering & Technology, IT/ Software Development, Analytics, Finance, Education, Consulting, Public Sector Undertaking and others.
- The Training and Placement Cell at NIT Goa connects students with companies by organizing lectures, tests, competitions, and interviews. This process helps students gain confidence by providing them with real-world internship experiences both in India and abroad. The cell's strong connections with various companies, universities, and organizations facilitate job opportunities for students.
- In addition to this, NIT Goa offers both B.Tech and M.Tech students the opportunity to participate in summer internships at international universities and research establishments. This exposure further enhances their learning experience and broadens their global perspective.
- Over the past two years in the B.Tech program, both ECE and CSE have achieved 100% placement. In contrast, the EEE department had a placement rate of 96% in the academic year 2021-22, which increased to 100% in the academic year 2022-23.
- The overall placement percentage for the B.Tech program, which includes all branches such as ECE, CSE, EEE, MCE, and CVE, was 87% over the past two years.
- In the B.Tech program, during the academic year 2021-22, the highest salary package offered was 44 LPA, the average salary package was 13.1 LPA, and the lowest salary package was 6.8 LPA. In the subsequent academic year, 2022-23, the highest salary package was 26 LPA, the average salary package was 11.45 LPA, and the lowest salary package was 6 LPA.
- In the M.Tech program, during 2021-22, the placement percentages for CSE, VLSI, and PEPS were 80%, 50%, and 33.33% respectively, with the highest packages being 20 LPA, 21.69 LPA, and 7.5 LPA. The overall internship percentage was 45.45%. In 2022-23, the placement percentages were 38.88%, 40%, and 36.36% respectively, with the highest packages being 37 LPA, 22 LPA, and 9 LPA. The overall internship percentage increased to 71.4%, with VLSI students achieving a 100% internship offer.
- For more details, please explore the Training & Placement tab on our website: <https://nitgoa.ac.in/>



STUDENT ACTIVITIES

- NIT Goa provides a vibrant campus life with a variety of opportunities for students to engage in extracurricular activities. Our students participate in numerous cultural and technical festivals, sports events, workshops, seminars, and conferences, both within and outside the institute.
- We have several student clubs/councils and societies that cater to a wide range of interests. These include technical clubs like: SPECTRA, Coding Club, TESLA, META, Robotics Club, Civil Engineering Students Council (CESCO), SPIE, and Entrepreneurship Cell, etc. as well as cultural societies such as Ek Bharat Shrestha Bharat (EBSB) Club, Music Club, Dance Club, Photography Club, and Drama Society etc. These platforms allow students to explore their passions, hone their skills, and showcase their talents.
- In addition, our students also contribute to society through various initiatives. They organize and participate in events that help in improving environmental awareness, education, and health, thereby making a positive impact on society.



STUDENT ACTIVITIES



Republic Day Celebration at NIT Goa

Our students actively participate in various hackathons and coding competitions. A breakdown of some of their achievements is listed below:

- Third prize at the Goa Police Hackathon 2022, during 10-11 September 2022.
- First prize in the 24 hour hackathon of InfoFest 2023, organized by Goa University during 10-11 August 2023.
- First prize at the National level hackathon organized by MNIT Jaipur during 7-8 September 2023.
- Second prize at Inspirathon, a 24-hour hackathon organized by Don Bosco College of Engineering, Goa, during 6-7 October 2023.
- First prize at Smart India Hackathon 2023 (for PS ID SIH 1435 and 1508).
- First prize at HackAI 2023, IIT Bombay, on 27 December 2023.
- First prize at HackTheFuture hackathon, IIT Gandhinagar, during 10-12 March 2024.
- First prize at Spectrathon 24, a 24-hour hackathon organized by Goa College of Engineering, Goa during 3-4 April 2024.



CAMPUS LIFE



Apart from the strong academic pursuits and teaching process. Our institute aims to provide the ground to spend and enjoy time leisurely.

1. We possess a massive ground for students to socialize in a game of basketball, volleyball, cricket or football and ping pong tables inside the institute block.
2. Our green sprawling campus provides ample space for students to walk around and enjoy the weather and nature of Goa.
3. To display the talent of music and harmony, jam sessions are conducted where students play instruments and sing songs to make the night more memorable together.
4. We have a mess at the boys and girls hostel that caters to the student's breakfast, lunch and dinner needs with a variety of Indian delicacies.
5. To satisfy the in-between cravings, a fully operational canteen in our 'Upahar Ghar' is present opposite to the CV Raman Complex which provides Pan Indian as well as Chinese cuisine.
6. A dedicated building is setup in dealing with banking and courier needs which is currently under progress.
7. To maintain safety and security in the campus, we have security personnel at all prime locations such as Main Entrance, hostels and all institute blocks available round the clock.



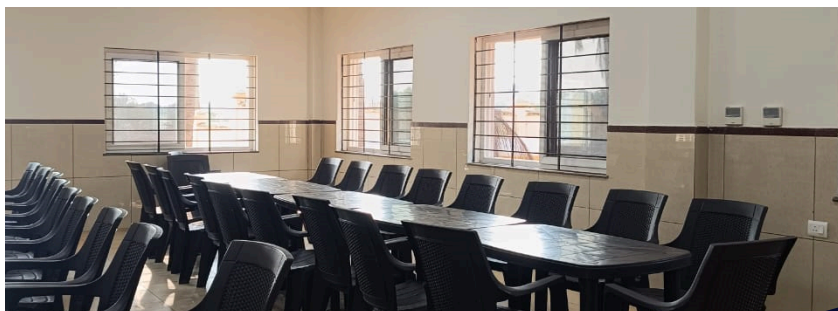
CAMPUS



GIRLS HOSTEL



BOYS HOSTEL



CANTEEN



SPECTRA



Spectra is the official ECE Students Council of NIT Goa, founded in 2014. The club aims to bring all the ECE department students on a single platform where they can showcase their talents in various technical and cultural events organized by the club.



CESCO

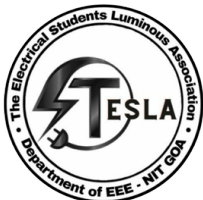
The Civil Engineering Students Council (CESCO) was started in the year 2019 by the Civil Engineering students of NIT GOA. Started with the aim of providing exposure of various fieldwork and site operations to the students, the club has arranged various site visits to industries and important structures such as Zuari Bridge, Water treatment plant, new campus of NIT Goa etc.



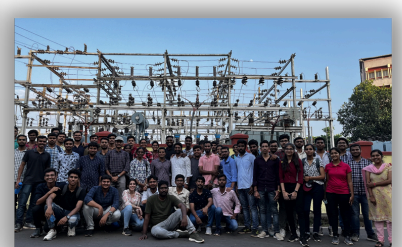
Civil Engineering Students Council
Towards a sustainable future



TESLA



TESLA is NIT Goa's oldest official student association, formed on March 2, 2012, by the Department of Electrical and Electronics Engineering. The association hopes to guide students toward a brighter technical future and make them capable engineers through numerous training programs, workshops, field trips, and other activities.



META



Mechanical Engineering Technical Association(META), META is formed with the primary objective of exposing the aspiring mechanical engineers to the practical aspects and professional challenges for their sustainable growth. META provides a platform to showcase and sharpen the students talent through a variety of activities planned throughout the year.



EBSB

Ek Bharath Sreshta Bharat is the official cultural club of NIT GOA. This government program aims to enhance mutual interaction and promote understanding among diverse cultures all over India.



रजभाषा प्रकोष्ठ

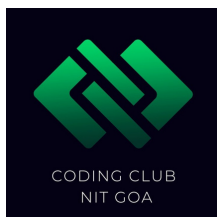
राजभाषा
प्रकोष्ठ

रजभाषा प्रकोष्ठ का 2017 में गठन किया गया था जो हिंदी पखवाड़ा जैसी विभिन्न गतिविधियों के माध्यम से हिंदी भाषा को बढ़ावा देता है, इस वर्ष प्रत्येक कार्यक्रम में 40 से अधिक छात्रों ने भाग लिया है। क्लब का उद्देश्य छात्रों को हिंदी में बोलने, पढ़ने और लिखने के कौशल को बढ़ाने के लिए एक मंच प्रदान करना है।



ACADEMICS
BEYOND
S

CODING CLUB



Coding Club NIT Goa fosters an environment where students are able to compete and test their coding skills at the same time learn and grow together. The club has over 200 members on the Discord server. It has been very active in conducting coding competitions, post contest discussions, alumni talk series, development challenges, etc in both online and offline mode.



CSEA

Computer Science and Engineering Association (CSEA) is the official students' association of the Department of Computer Science and Engineering. The association, formed in 2022 and assisted by the faculty, thrives towards bringing all CSE students together and fostering community and togetherness in the department.



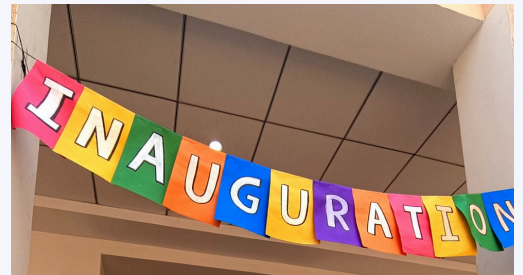
GDSC



Google Developer Student Clubs (GDSC) is a program initiated by Google that aims to cultivate a community of student developers on university campuses worldwide. The program provides students with the resources, mentorship, and opportunities to learn and gain practical experience in various technology domains.

SAAVYAS: TECHNO CULTURAL FEST OF NIT GOA

Our annual techno-cultural event that is a national platform where students all around the country meet up to share, portray and celebrate technical knowledge and cultural heritage. A 3-day extravaganza filled with events to participate, compete and win coupled with mind-boggling AR and VR experiences during the day and a time to dance and have a hearty time with renowned artists and comedians.



Saavyas - Our Techno-Cultural Fest.



Physical Education and Sports at NIT Goa

At NIT Goa, we believe in the comprehensive development of students, and sports play a crucial role in shaping physical, mental, and social well-being.

Infrastructure and Facilities

We are equipped with sports amenities for the benefit of students and staff. Our facilities accommodate to a variety of sports events such as cricket, football, volleyball, and track and field events. We also have an indoor Sports Activity Hall for Table Tennis, Chess, and Carroms.

Participation and Competitions

Students regularly participate in both intramural and extramural competitions. We also strive for excellence in Inter NIT Tournaments and National competitive events.



NIT Goa Chess and Table Tennis Team at Inter-NIT Tournament.



Expert Talks by Alumni

The Expert Talk by Alumni event serves as a bridge between the past and present, offering students a unique opportunity to gain insights from successful graduates who have traversed similar academic paths. Alumni, who have since carved their niche in various industries, share invaluable experiences, career advice, and practical wisdom honed through their professional journeys. These talks not only inspire current students but also provide tangible guidance on navigating the transition from academia to the workforce. Through firsthand accounts and real-world anecdotes, alumni speakers impart invaluable lessons, empowering students to make informed decisions, pursue their passions, and chart their own paths toward success. Such events foster a sense of community, bridging generational gaps while reinforcing the university's commitment to lifelong learning and alumni engagement.

Major Outreach/Extension Activities

- NIT Goa actively promotes Hindi language through the Rajbhasha Prakoshth,
- Swachha Bharat Abiyan, Ek Tarikh Ek Ghanta.
- Under Yuva Sangam, we hosted 45 students of Chattisgarh, and had a very good cultural exchange experience.
- Students enthusiastically contributed various ideas aligning with the vision of Viksit Bharat@2047.



The Basilica of Bom Jesus, a UNSECO World Heritage Site(left) and NCPOR(right)
YuvaSangam Phase 3: Chattisgarh Delegates in Goa.



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