

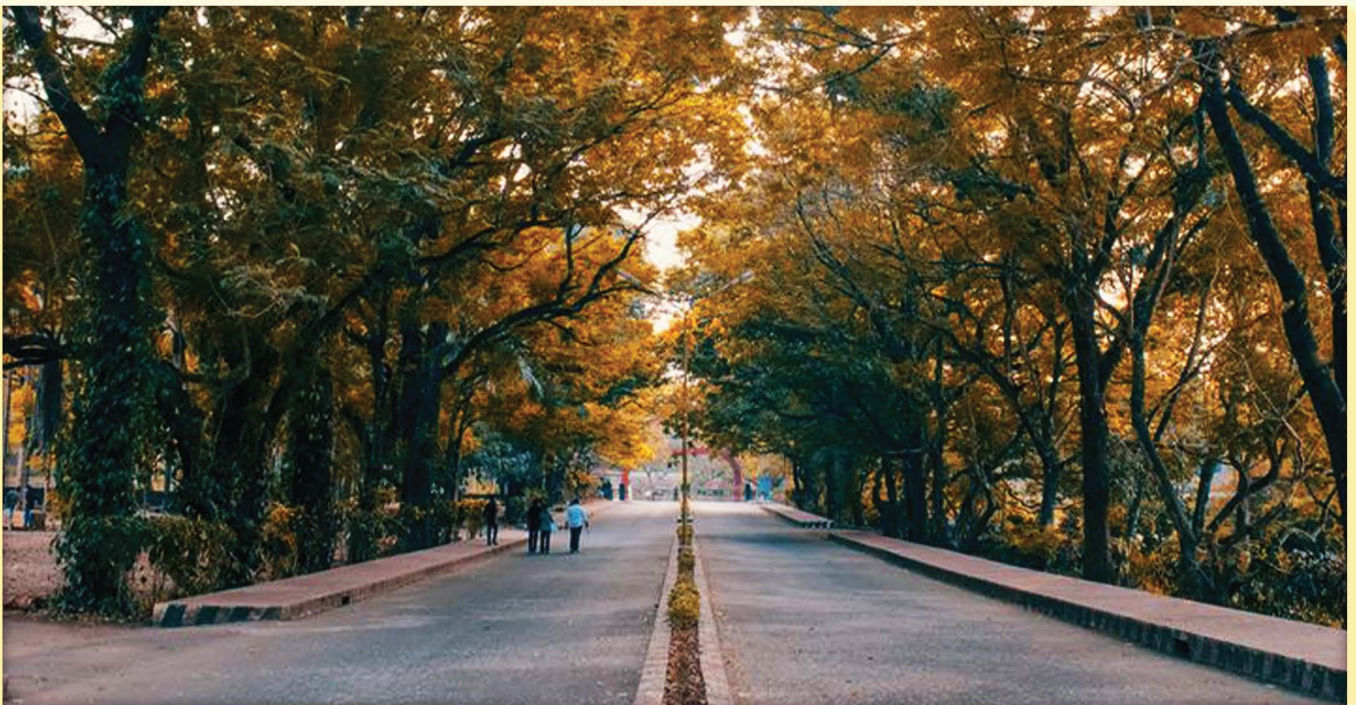


तमसो मा ज्योतिर्गमय

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Kozhikode, Kerala | ESTD. 1961

AN INSTITUTE OF NATIONAL IMPORTANCE



PLACEMENT BROCHURE

2023

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ABOUT NIT CALICUT

National Institute of Technology Calicut (NITC) is one of the premier technical institutions in India and has been accorded the prestigious status of an 'Institute of National Importance' by the Government of India. The Institute celebrated its diamond jubilee year in 2021. NITC is set in a picturesque landscape at the foothills of the Western Ghats, about 22 km from Kozhikode city. It is a prestigious institute with a reputation for excellence at undergraduate, postgraduate and research levels, fostering the spirit of national integration among the students and close interaction with the industry.



ABOUT CCD

The Centre for Career Development was formed in 1988, with an aim to interact with the corporate for possible employment to the students graduating from the Institute. The Centre for Career Development also explores the possibilities for summer training and internship for the students of the Institute. National Institute of Technology Calicut has maintained a good placement record over the years. The graduates and post graduates of NITC have been selected by some of the world's leading business corporations. The highly dedicated faculty, coupled with world class infrastructure facilities, prepares the meritorious students to take up the challenges of the rapidly growing globalised techno-economic scenario in the country.





NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

INDIA RANKING 2023



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

2nd

DEPARTMENT OF ARCHITECTURE & PLANNING





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NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

INDIA RANKING 2023



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

8th
INNOVATION





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शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

23rd
ENGINEERING





UNDERGRADUATE PROGRAMMES

Bachelor of Architecture (B.Arch.) (5 years)

Bachelor of Technology (B.Tech.) (4 years)

Biotechnology

Chemical Engineering

Civil Engineering

Computer Science and Engineering

Electrical and Electronics Engineering

Electronics and Communication Engineering

Engineering Physics

Mechanical Engineering

Production Engineering

Materials Science and Engineering



POSTGRADUATE PROGRAMMES

Department of Architecture and Planning

Master of Planning (Urban Planning)

Master of Technology (M.Tech.) (2years)

Department of Chemical Engineering

Chemical Engineering

Department of Civil Engineering

Environmental Geotechnology

Offshore Structures

Structural Engineering

Traffic and Transportation Planning

Water Resources Engineering

Department of Computer Science and Engineering

Computer Science and Engineering

Computer Science and Engineering (Information Security)

Master of Computer Applications (M.C.A.)

Department of Electrical Engineering

High Voltage Engineering

Industrial Power and Automation

Instrumentation and Control Systems

Power Electronics

Department of Electronics and Communication Engineering

Electronics Design and Technology

Micro Electronics and VLSI Design

Signal Processing

Telecommunication

Department of Mechanical Engineering

Energy Management

Industrial Engineering and Management

Machine Design

Manufacturing Technology

Materials Science and Technology

Thermal Sciences

School of Materials Science and Engineering

Nanotechnology

Master of Business Administration (MBA) - 2 years

School of Management Studies

Master of Planning (M.Plan.) (2years)

Master of Science (M. Sc.) - 2 years

Department of Chemistry

Master of Science (Chemistry)

Department of Mathematics

Master of Science (Mathematics)

Department of Physics



RESEARCH & CONSULTANCY

2018-23

External Project Funding **48.6** CR

Testing and Consulting **3.7** CR

Internal Innovative Projects Funding **2** CR

Funded Projects **172+**



Years Fully Accredited Programmes

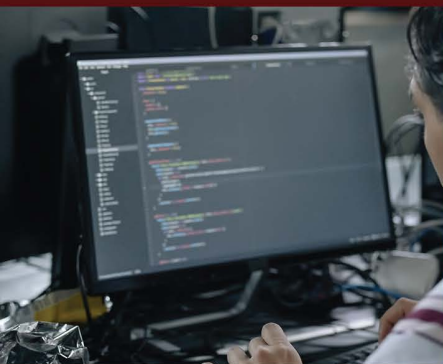
| 2022-28



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QUANTITATIVE AND ANALYTICAL STRENGTH

The students of NIT Calicut demonstrate an impressive proficiency in analytical thinking, allowing them to dissect complex problems and devise innovative solutions. Through rigorous academic training and a focus on critical thinking, they excel in evaluating data and generating valuable insights. This analytical prowess positions them to contribute significantly to research, technology, and societal advancement.



COMPETITIVE CODING CULTURE

NIT Calicut students showcase exceptional talent in competitive coding, excelling in algorithmic problem-solving and data structures. With rigorous practice and participation in coding competitions, they demonstrate remarkable expertise, achieving notable success at national and international levels. Their contributions to the programming community and their ability to tackle intricate coding challenges are commendable.

STRONG DEVELOPMENTAL PROGRAMMING

NIT Calicut students display exemplary proficiency in programming, encompassing software development and engineering. Their comprehensive knowledge of programming languages, coupled with their creativity and problem-solving skills, enables them to develop innovative and robust software solutions. Through hands-on projects and industry collaborations, they continuously refine their programming expertise, making significant contributions to the field of software development.



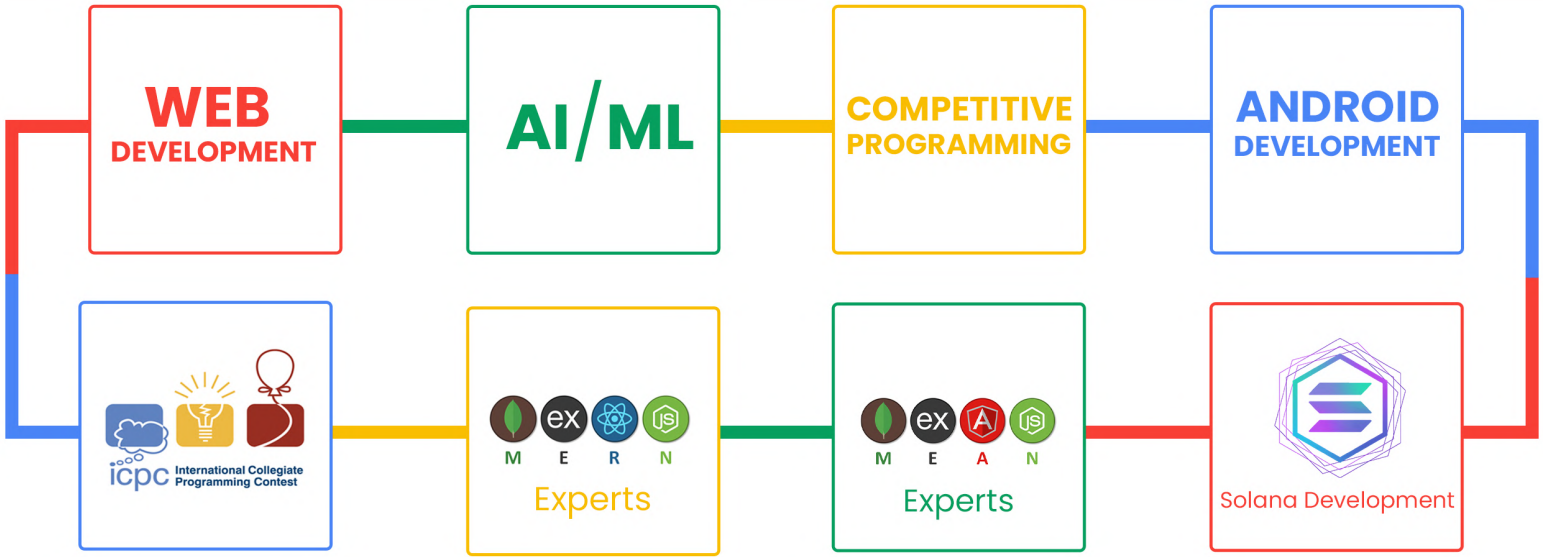
ALGORITHM EXCELLENCE

NIT Calicut students excel in algorithm design, demonstrating proficiency in problem analysis and efficient implementation. Their expertise in algorithmic thinking contributes to advancements in computer science and technology. Through rigorous training and practical experience, they consistently deliver innovative solutions to complex computational challenges.



G D S C

Google Developer Students Club





AI CLUB

- 👉 The Artificial Intelligence Club is a collaborative platform that brings together students, teachers, and professionals interested in exploring and promoting innovative AI-based technologies.
- 👉 The club provides opportunities for learning, discussing, and working on AI-related projects and research, enabling members to stay updated with the latest trends and developments in the field.
- 👉 Through workshops, seminars, and competitions, the club fosters a community of AI enthusiasts, encouraging collaboration, networking, and knowledge-sharing among its members.
- 👉 The club actively engages with industry professionals, researchers, and experts in AI, aiming to contribute to the advancement of AI knowledge and tackle real-world issues in areas such as autonomous driving, drones, healthcare, and more.



FOSS CELL

FOSS
Cell



- 👉 FOSS-NITC is a community at NITC (National Institute of Technology Calicut) that promotes and contributes to the Free and Open Source Community.
- 👉 The community comprises passionate students and faculties who work towards the promotion of free and open-source technology tools and the development of software that respects user freedom.
- 👉 FOSS-NITC fosters an inclusive culture on campus by facilitating strong discussions on open source, the latest technology, and topics related to freedom.
- 👉 The community invites individuals interested in music production using Ableton Live and other open-source enthusiasts to join and connect with like-minded individuals at FOSS-NITC.





TEAM UNWIRED



Team Unwired is a student club at the National Institute of Technology Calicut which undertakes student engineering projects and competitions. It is a joint venture between Club Unwired - the engineering and technology club of NIT Calicut and SAE INDIA Collegiate club.



TEAM AEROUNWIRED



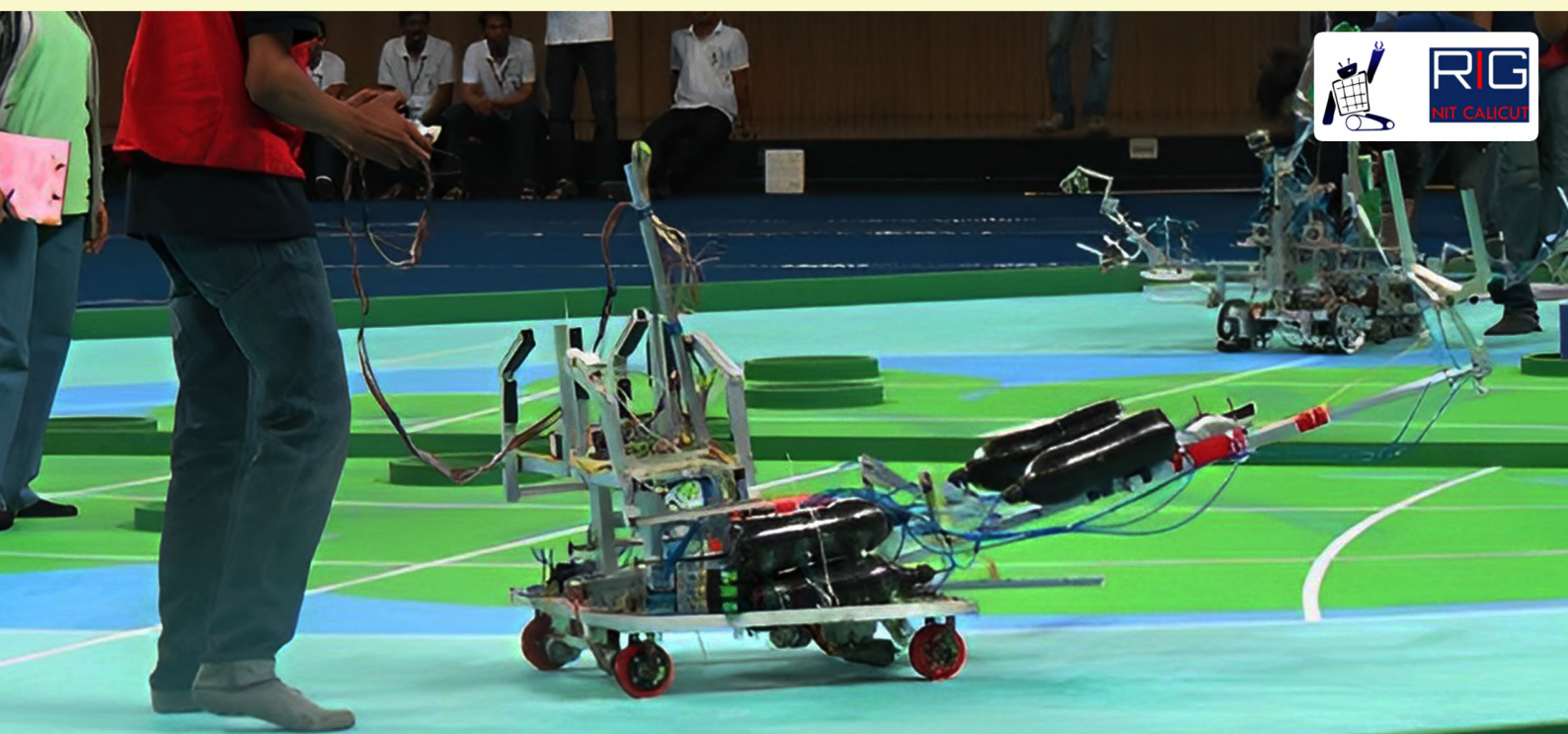
"AeroUnwired" is an aero-modelling club, a branch of "Club Unwired", founded by the students of NIT Calicut who aspired to harness the knowledge of flight. Inspired by the magnificent creatures with wings and technical aspects of the same, this club puts effort to build aircrafts and study the science of flight. The club offers knowledge to those who seek and invest their time in innovation. With a classic workspace to work, and supportive faculty members and seniors, this club welcomes all those who wish to learn.



RIG

(Robotics Interest Group)

Robotics Interest Group(RIG) was formed out of the passion for robotics, to facilitate learning and research in the areas of Mechatronics/robotics and Intelligent Systems, Automation , Advanced Control Systems, Modeling and Simulation, and Sensors & Algorithms. Our aim is to acquire knowledge and appropriate hands-on experience , in order to meet the needs of these rapidly changing technologies and provide services to industry for promoting new technologies as well as designing and manufacturing commercially viable products, for the development of our country.



Welcome to NIT Calicut, where academics meet an exhilarating campus life. Discover a world beyond textbooks as students unleash their creativity and passion. Experience the grandeur of Ragam, South India's biggest cultural fest, and witness the brilliance of Tathva, our prestigious technical extravaganza. Our students shine in inter-NIT sports competitions, displaying their talent and sportsmanship. NIT Calicut fosters a holistic education, shaping well-rounded individuals ready to conquer the future.



BEYOND ACADEMICS



PLACEMENT PROCESS



Company Registration

Click on the placement/internship drive invitation link and register your company.



Post the created jobs to the institution

Your Job will be sent to the Placement Officer who will review and verify the JNF/INF.



Create a Job

Create a full time job or job for internships (Duration of internship : For B.Tech - 2 months and M.Tech - 2 months/1 year). Upon selecting the Job type from the list, you will be redirected to the corresponding JNF (Job Notification Form)/INF (Internship Notification Form. Fill in the details about the job in the first section of JNF/INF, eligible programmes of study and other academic requirements.



Publishing JNF/INF

After verification, JNF/INF will be published online to the eligible students, along with the information provided by the company.



Viewing jobs and applicants

Interested students apply for the job profile in order to be considered for the recruitment process. The list of eligible students, along with their resumes, will be made available to the recruiter for downloading/viewing through their placement account



Conducting the interview

Interviews of the shortlisted candidates can be conducted in offline/online mode in the slot provided by the Placement officer. A placement representative will be assigned to assist the process. The recruiter is expected to communicate the final selection and a waitlist to the placement officer, at the end of the process.



Shortlisting of candidates

Recruiters can shortlist students based on their resume or conduct a test for the same, through online/offline mode.



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CENTRE FOR CAREER DEVELOPMENT

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

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CONTACT US

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