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PLACEMENT BROCHURE

NATIONAL INSTITUTE OF TECHNOLOGY
CALICUT

20 24



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From the Director's Desk

Dear Esteemed Recruiters,

The academic year 2023-24 has been a period of remarkable achievements for National Institute of Technology Calicut (NITC). Since our inception as Calicut Regional Engineering College in 1961, we have grown to accommodate over 8000 students on our 300-acre campus. NITC now offers 11 undergraduate programs, 31 postgraduate programs, and comprehensive doctoral research opportunities.



We are proud to have achieved 23rd rank in the NIRF Engineering category, 2nd in Architecture, and 8th in Innovation, the only NIT to secure a top-10 position in the Innovation Ranking. These accolades reflect our commitment to excellence in education, research and innovation.

Our focus is on holistic education, aiming to develop not only skilled professionals but also ethical and well-rounded individuals. Our curriculum is continuously updated to meet the evolving demands of the global landscape, ensuring our students are well-prepared for future challenges.

We are grateful for the support from the Government of India, the Ministry of Education, the Government of Kerala, local administration, industries, funding agencies, alumni and all our stakeholders. Your support is vital to our mission of achieving global excellence.

We warmly invite organizations to engage with our talented students during the placement season 2024-25. Together, we can forge a future of success and innovation.

Best regards,
Prof. Prasad Krishna
Director, National Institute of Technology Calicut

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. Nestled amidst the scenic foothills of the Western Ghats, 22 km from Kozhikode city, NITC fosters a vibrant learning environment renowned for excellence at the undergraduate, postgraduate, and doctoral research levels. This excellence extends beyond academics, with a strong alumni network (NIT-CAA) of over 40,000 individuals who are leaders in industry and academia globally. Furthermore, NITC embraces diversity and inclusivity, attracting talented students from all corners of India. This rich tapestry of backgrounds and perspectives fosters a dynamic learning environment that prepares graduate, postgraduate, and doctoral students to thrive in a globalized world.





CENTRE FOR CAREER DEVELOPMENT

ABOUT CCD

The Centre for Career Development (CCD) was formed in 1988, with an aim to interact with the corporate for possible employment to the students graduating from the Institute. The CCD also explores the possibilities for summer training and internship for the students. National Institute of Technology Calicut has maintained a good placement record over the years. The students 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.

Timeline

• **1961**

Established as Calicut Regional Engineering College (CREC) with three Undergraduate Programmes under affiliation to the University of Kerala

• **1969**

Affiliation shifted to the University of Calicut

• **1986**

Celebrated the Silver Jubilee year. Formed The Silver Jubilee endowment Trust for helping needy students

• **2002**

Elevated to National Institute of Technology Calicut (NITC) and conferred the status of a deemed university

• **2007**

Transformed to an Institution of National Importance Under the National institutes of Technology (NIT) Act, on August 15, 2007

• **2010**

Celebrated the Golden Jubilee year (2010-2011)

• **2016**

Ranked of 34 in the First round of assessment under National Institutional Ranking Framework (NIRF) for Engineering institutions



2019

Institute's NIRF Ranking improved Architecture: 3 & Engineering: 28

2020

Ranked 8th in the Atal Ranking of Institutions on Innovation Achievements (ARIAA).

2021

NIRF Ranking of Architecture improved to 2nd, ranked 9th in the 'Atal Ranking of Institutions on Innovation Achievements' and NIRF ranking 25th in Engineering.

2022

Celebrated its Diamond Jubilee (1961-2022).

2023

The institute is ranked 2nd in India for architecture, 8th in innovation, and 23rd for engineering as per the NIRF College Ranking Framework.



02

Architecture

NIT Calicut stands proudly as the second-best institution in the field of architecture, demonstrating its exceptional commitment to design excellence and innovation.

Innovation

Eighth rank in the 2023 ranking list. It is the only NIT to have ever been positioned in the top 10 category under innovation category in 2023.

08

23

Engineering

Ranked 23rd among technical institutes, NIT Calicut continues to deliver world-class education and cutting-edge research in engineering and technology.

Distinguished Alumni Awardees of the year 2023



A. K. Balasubrahmanian
Director (Technical) ,
Distinguished Scientist (Rtd.),
Nuclear Power Corporation of India Ltd.



Dr. Maruthi R. Akella
Cockrell Family Endowed Chair
Professor, The University of
Texas at Austin



Venu Nair
Managing Director
& CEO, Shoppers Stop



Musthafa P C
CEO & Co-Founder,
ID Fresh Food India Pvt. Ltd.



Jayadevan P
Executive Director (LPG),
Indian Oil Corporation Ltd. (Rtd.)



Shilen Sagunan
Chief Executive Officer,
SS Consulting, Kochi



John Joseph
Managing Director, John Mech-El
Technologies (P) Ltd, Mumbai



Nirmal N R
Chief Executive
Officer-(3-Wheeler Business)
Greaves Electric Mobility

RECRUIT @NIT CALICUT

Recruit at NIT Calicut to connect with some of the brightest and most skilled students in the country, who are well-prepared to excel in diverse professional environments through a rigorous and innovative curriculum.



Coders Arena

600+

Intern experiences

25+

Experts



kaggle

100+

3 stars

70+

Experts



50+

Knights

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.

MULTIDISCIPLINARY CENTRES



Centre for Clean Energy and Circular Economy



Centre for Electric Vehicle Engineering (CEVE)



Centre for Information Technology Research and Automation (CITRA)



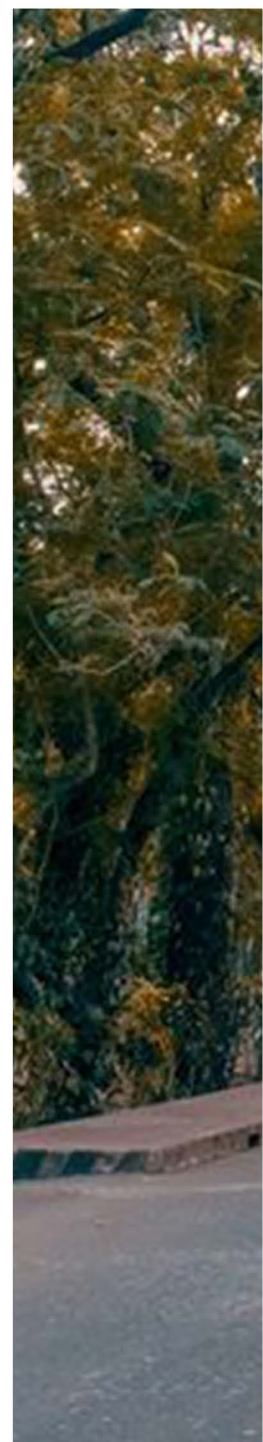
Center for International Relations and Foreign Languages (CIRFL)



Centre for Innovation, Entrepreneurship & Incubation (CIEI)



Centre of Excellence in Logistics and Supply Chain Management (CoELSCM)



INNOVATION at NIT Calicut

National Institute of Technology Calicut, with an aim of fostering entrepreneurship initiatives among the students has established Institution's Innovation Cell in association with MHRD and the Ministry of HRD's Innovation Cell (MHRD) in the year 2017-18. The role of IIC would be to identify and nurture technology based innovative startups.



**Design Innovation
Centre (DIC)**

The Design Innovation Centre (DIC) at NIT Calicut, established through an MoU with IISc Bangalore on 06-05-2015, promotes innovation, creative problem solving, and interdisciplinary design-focused education. It aims to share knowledge, enhance entrepreneurial activities, and disseminate product design concepts through workshops and courses. DIC provides facilities for creating models and prototypes, helping innovators develop marketable products.



**Institute Innovation
Council (IIC)**

National Institute of Technology Calicut, with an aim of fostering entrepreneurship initiatives among the students has established Institution's Innovation Cell in association with MHRD and the Ministry of HRD's Innovation Cell (MHRD) in the year 2017-18. The role of IIC would be to identify and nurture technology based innovative startups.



**Technology
Business Incubator
(TBI-NITC)**

established in 2003-04, supports startups in IT, electronics, agriculture, nanotechnology, biotechnology, and renewable energy. It provides affordable workspace, seed funding (INR 2-45 lakhs), technical expertise, and lab access, having supported 87 of 105 startups and created around 1,000 jobs. TBI-NITC collaborates with various ministries, offers the NIDHI-PRAYAS scheme for prototype development, and supports student innovators through the IEDC and IIC. It conducts annual entrepreneurship programs, including training for women and faculty, and has developed a coir cluster in Kozhikode benefiting 500 workers.

Student Achievements



Two inventions from NIT Calicut displayed at InvenTiv 2024

Two inventions from NIT Calicut were presented at InvenTiv 2024, at IIT Hyderabad. Prof.M. K. Ravi Varma, Dr. Sudheer A P, and two students-Mr. Vivek Pankaj and Eldho Kuriakose participated in the exhibition.



Student Innovative Projects Displayed

Institution Innovation Council(IIC) and CIEI of NIT Calicut jointly organised a poster exhibition on Monday to display student innovative projects.

NITC has emerged champions at the Kozhikode district Senior Handball Championship

National Institute of Technology Calicut has emerged champions at the Kozhikode district Senior Handball Championship.



Two student start-ups take off at NIT Calicut

two student groups have launched their start-ups on the campus of the National Institute of Technology Calicut.



NIT Calicut Mime Team tops at Mood Indigo

The Mime team from the National Institute of Technology Calicut secured the first prize at the prestigious Mime competition hosted by IIT Bombay as part of Mood Indigo, Asia's largest cultural fest.



NITC students grab medals in All India Inter-NIT Sports Tournament

Students of NIT Calicut have secured commendable achievements in the All India Inter NIT Sports Tournaments held at NIT Jamshedpur and NIT Trichy.



NIT Calicut Team Shines at Hack-Fest '24

Team Loggers from NIT Calicut, consisting of Mohammad Saad Rafeeq, Chandrakant V. Bellary, and Mayank Gupta won 1st runners-up in the HackFest '24 AI Hackathon at IIT-ISM Dhanbad.



NIT Calicut Student Startups Shine at Startup Mahakumbh

Two noteworthy student startups from NIT Calicut, M/s. StayMitra and M/s. Levyug showcased their innovative ventures at the Startup Mahakumbh.



NITC Students Shine at Dhvani '24

Students of the National Institute of Technology have showcased excellence at Dhvani '24, a cultural fest organised by the CET

Research & Consultancy

NIT Calicut excels in multidisciplinary research, securing substantial funding from government and industry, including over 13 Crores in FIST funding from DST. This investment has enhanced R&D capabilities, leading to improved publications, patents, and copyrights. The Institute's advanced facilities support extensive testing and consultancy services, particularly in civil engineering. Collaborations with prestigious foreign universities further strengthen its research environment and global visibility, making NIT Calicut a hub of innovation and excellence.

98

H-index
(Scopus)

32

Patents

350+

Consultancies

100+

Sponsored
Projects

73300+

Citations
(Scopus)

7100+

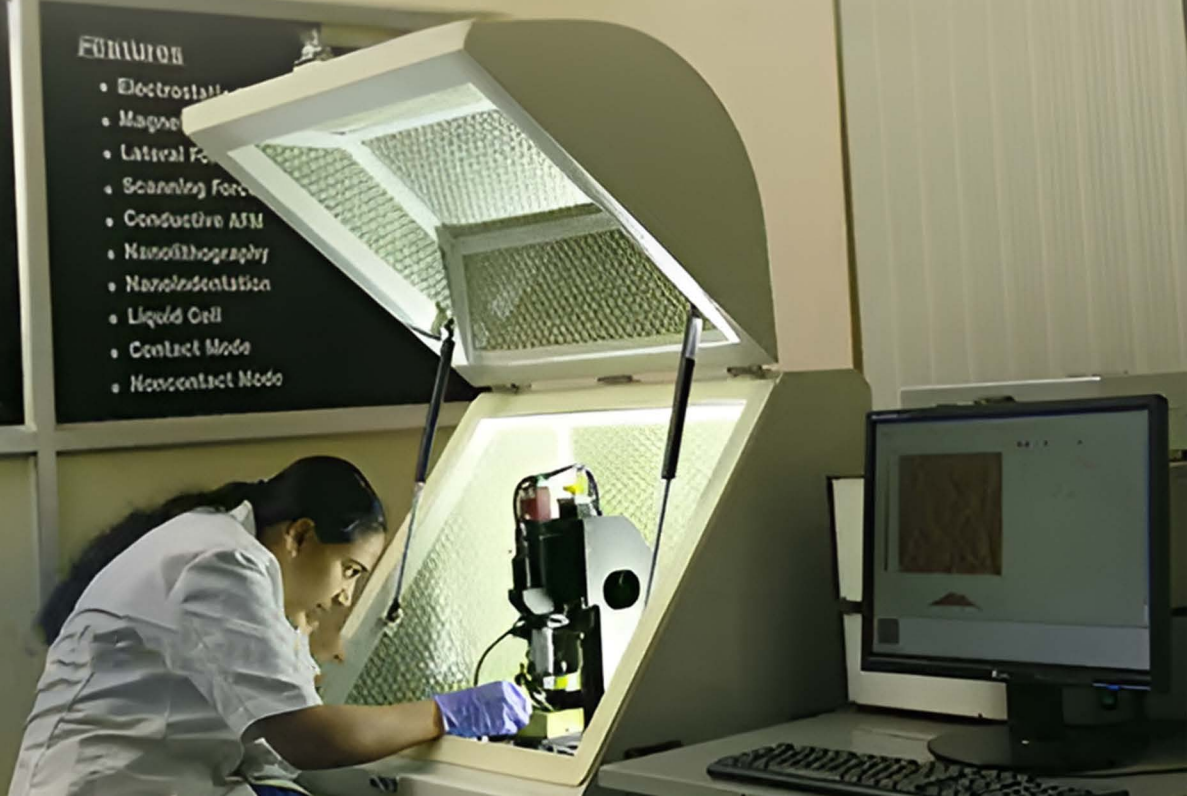
Publications
(Scopus)

Force Microscopy (AFM)

Tunnelling Microscopy (STM)

Features

- Electrostatic
- Magnetic
- Lateral Force
- Scanning Force
- Conductive AFM
- Nanolithography
- Nanosensitization
- Liquid Cell
- Contact Mode
- Noncontact Mode



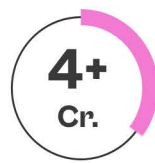
Grants And Projects



Project Grant



Companies Incubated



Revenue and Grant Received



Research Projects



Recent MoUs

Signed and Collaborations

Brunel University London	06th June 2024
CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	13th May 2024
NITC and EkLakshya	3rd Mar 2024
Ananth Technologies Pvt Ltd, Hyderabad	2nd Mar 2024
Vehant Technologies Pvt. ILtd	8th Feb 2024
Dell	5th Feb 2024
IIST Thiruvananthapuram	28th Nov 2023
IIT Madras	10th August 2023
Bosch Global Software Technologies Private Limited, Bangaluru	17th November 2022
Tata Elxsi Ltd (TE), Bangalore	24th May 2022

[More Mou's](#)



Y E A R S

6 Years

Fully Accredited

Programmes

by National Board of Accreditation
from the year 2022 to 2028

Programmes Offered

B.Tech

- Biotechnology
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Engineering Physics
- Materials Science & Engineering
- Mechanical Engineering
- Production Engineering

M	F	T
10	10	22
74	25	99
110	48	158
140	42	182
120	36	156
141	47	188
12	4	16
17	7	24
160	41	201
36	14	50



B.Arch

- Bachelor of Architecture

M	F	T
20	20	43



T	M	F
2	0	2
101	50	51
69	61	8
72	55	17
81	56	25
5	4	1
66	58	8

M.Tech

- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Materials Science and Engi-
- Mechanical Engineering

Master of Business Administration (MBA)

Master of Planning (Urban Planning)

Master of Science (M. Sc.) [Chemistry, Physics & Mathematics]



Past RECRUITERS



Last year's Placement Records

NIT Calicut achieved remarkable placement success, with a record number of students securing prestigious job offers from top companies across various industries. This outstanding achievement underscores our commitment to excellence and our students' readiness to make significant contributions in their professional fields."

➤ Total Number of Companies : 202

Number of Placement



Under Graduate



Post Graduate



Doctor of Philosophy (PhD)

Max. Salary	47 lakhs	50 lakhs	10.5 lakhs
Avg. Salary	14.34 lakhs	12.63 lakhs	9.56 lakhs

Number of Internships



Under Graduate



Post Graduate

PLACEMENT PROCESS



Company Registration

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

1

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.

2

Post the created jobs to the institution

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

3

Publishing JNF/INF

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

4

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

5

Shortlisting of candidates

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

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.

7





C | **L**
U | **B**

@ NIT Calicut

Google Developer Student Club (GDSC)

Google developer students club is a platform where you can learn and explore your interests in various fields and technologies

Web Development

AI / ML

Android Development

Competative Programming



Experts

Experts

Solana Development



AI CLUB

AI

- 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, health-care, and more.



TEAM UNWIRED

Team Unwired, a student-driven club at the National Institute of Technology Calicut, is dedicated to promoting practical engineering experiences through project-based learning and competitive participation. By championing hands-on initiatives, the club aims to supplement classroom learning, solidify fundamental knowledge, and cultivate valuable skills that empower students for future success. In our technical club, we believe that the synergy of teamwork and collaboration is the catalyst for innovation, propelling us to new heights in engineering excellence.



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.



CLUB 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.





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.





Institute of Electrical and Electronics Engineers (**IEEE**)

A group of enthusiastic students who are passionate about technology and innovation. Our aim is to foster technical skills, knowledge sharing, and professional development among our members. Through various events, workshops, and projects, we strive to create a vibrant community that encourages collaboration and learning in the field of engineering. Join us and become a part of our journey towards exploring and shaping the future of technology!





Central Library



Central Computer Centre

Central Facilities



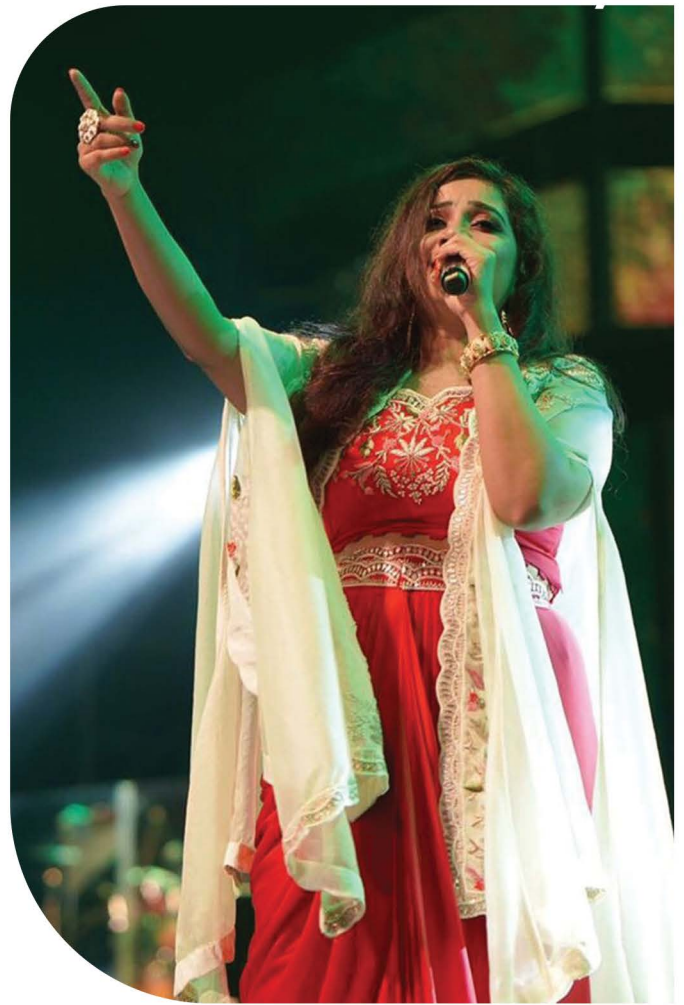
Health Centre



Campus Networking Centre




Beyond Academics






CULTURAL CLUBS



Industrial & planning
forum



Literary &
Debating Club



Club
Mathematica



The Adventure
Club



Dance &
Dramatics



Enquire
Quiz club



Indian cultural
club



Indian Society for
Technical Education



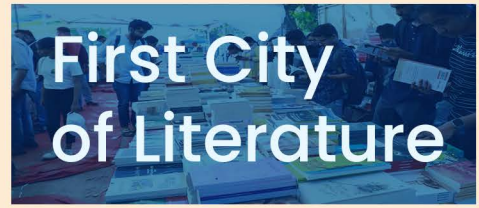
Human Value
Group



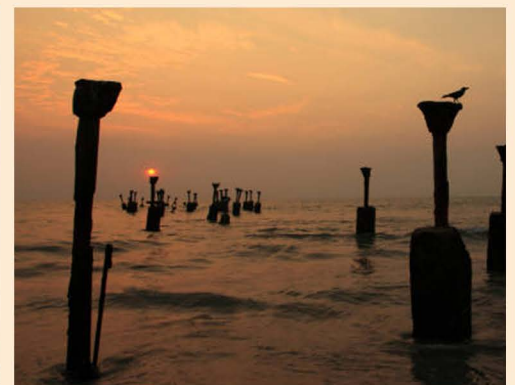
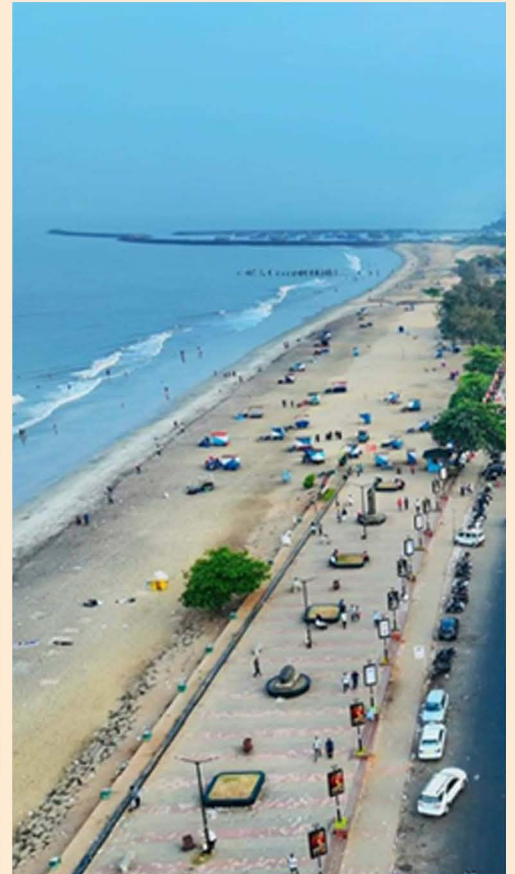
Audio visual
club

Explore *calicut*

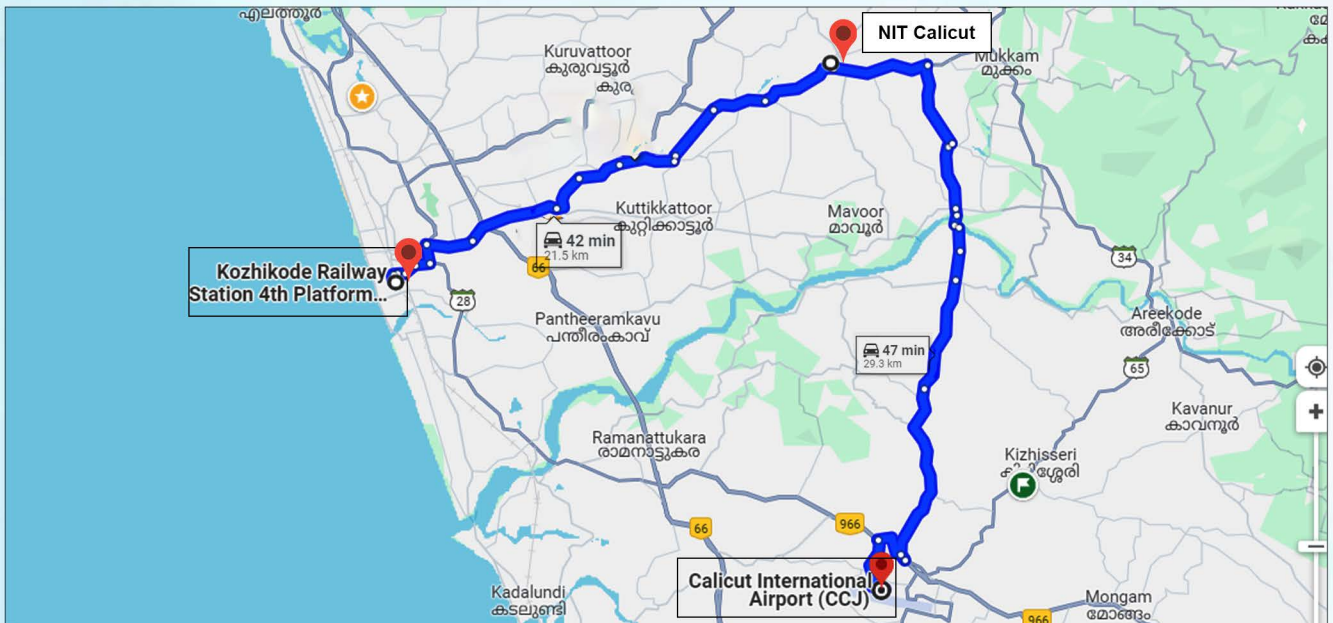
#UNESCO's



Kozhikode, or Calicut, is a major trade center in northern Kerala and the state's third most populous city. Historically ruled by the Zamorins, it became a key port for spices and silk after Vasco da Gama's arrival in 1498. Known for its green landscapes, beaches, and historical sites, Kozhikode's economy relies on agriculture, fisheries, timber, and remittances from the Middle East. It's also a key exporter of coconut, coffee, and tea. The best time to visit is from September to December. The city is well connected by road, rail, and has an international airport.



HOW TO REACH



✈ Calicut International Airport

🚆 Kozhikode (CLT) Railway Station



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Centre for Career Development
NATIONAL INSTITUTE OF
TECHNOLOGY CALICUT
NIT Campus, Kozhikode, Kerala
P.O. 673601

