



राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट
National Institute of
Technology Calicut

(Institution of National Importance under NITSER Act, 2007)

इयवग्वात्थल

BROCHURE FOR

2023

UG ADMISSION

NIT Campus P.O., Kozhikode -
673601, Kerala, India
Phone +91-495-2286101 |
www.nitc.ac.in

ADMINISTRATION



Visitor

Smt. Droupadi Murmu
Honourable President of India
Shri. Gajjala Yoganand
Prof. Prasad Krishna

Chairman
Director

DEANS

Academic
Planning and Development
Research and Consultancy
Faculty Welfare
Students Welfare
Alumni Affairs and
International Relations

Prof. S M Sameer
Prof. Priya Chandran
Dr. N Sandhyarani
Prof. J Sudhakumar
Prof. Rajanikanth G K

Prof. P P Anilkumar

CHAIRPERSONS

Postgraduate Admissions
Undergraduate Admissions
Education Technology and
Library
Chief Warden
Professor & Head of
Centre for Career Development
Registrar
SC/ST Liaison Officer
Librarian (i/c)

Dr. Babu A V
Dr. Lity Alen Varghese

Dr. Parameswaran P
Dr. R Manu

Dr. Praveen Sankaran
Cdr (Dr) Shamasundara M S
Dr Sunitha R
Shri. Shaju



I extend to each of you a hearty welcome to the National Institute of Technology Calicut (NITC). Congratulations on successfully securing a place in this prestigious institution, having a legacy of academic excellence, innovation, and holistic development.

Located in the lap of nature, NIT Calicut is a campus where you can inherit humanity, compassion and knowledge simultaneously. As you step into this vibrant campus, you become a part of a diverse and dynamic community dedicated to learning, collaboration, and innovation. Our campus is not just a place of academic pursuits but also a platform for fostering lifelong friendships, honing leadership skills, and nurturing your passions. Your journey at NIT Calicut will nurture your talent and enrich your innate qualities, helping you achieve educational and personal growth milestones. NIT Calicut has always been committed to providing a global-level education that prepares students to face real-world challenges. Our campus is a place where you experience mindfulness and derive the ability to deliver your best.

Our distinguished faculty members, state-of-the-art facilities, and comprehensive curriculum on the lines of the National Education Policy 2020 will empower you to explore your interests, broaden your horizons, and excel in your chosen field of study.

Remember, college life is not just about academics. It is also about self-discovery, personal growth, and embracing new experiences. As a student, you must participate in numerous clubs, societies, and events catering to various interests. Engage in extracurricular activities, participate in cultural events, and contribute to the community around you. These experiences will shape you into well-rounded individuals and contribute to your growth as a compassionate individual and a professional with leadership qualities.

As you embark on this exciting phase of your life, keep in mind that success is not just about grades but about the skills you acquire, the relationships you build, and the positive impact you make. Embrace the opportunities that come your way, stay curious, work hard, and persevere in the face of challenges. Your dedication and efforts will pave the way for a bright future. I wish you the best for an enriching and fulfilling time at NIT Calicut!

Prof. Prasad Krishna
Director, NIT Calicut



NIT Calicut is an academically autonomous technical Institute of National Importance funded by the Government of India and is administered by the NITSER Act 2007. The President of India is the visitor to the Institute under the Act. The governance structure includes the national council for NITs as the apex policymaking body, while the Institute's governance is vested with a Board of Governors. The mandate of the Institute is to provide higher technical education and conduct research in the various branches of Engineering, Science, Technology and Management, and allied areas. Originally established in 1961 as a Regional Engineering College (REC), it was transformed into a National Institute of Technology in 2002. The Senate is responsible for the academic administration, including introducing and maintaining academic programs and courses. Institute offers bachelors, masters and doctoral degree programs in Architecture, Engineering, Science, Technology and Management. Apart from teaching and professional training, NIT Calicut is engaged in a broad spectrum of activities covering research and development, industrial consultancy, incubation of startup companies, and community development. Celebrating diamond jubilee, the institute is indebted to the Government of India, Ministry of Education, Government of Kerala, NITC fraternity, industries, funding agencies, alumni, and all other stakeholders for the relentless support in its march towards the vision of "International standing of the highest calibre."



Set in a picturesque landscape at the foothills of the Western Ghats, NIT Calicut is located about 22 kilometres northeast of Kozhikode city in the state of Kerala, India. Calicut, also known as Kozhikode, located in the Malabar region of Kerala State, found a place in world history with the discovery of a sea route to India in 1498 by the Portuguese navigator, Vasco Da Gama. Basking in the idyllic setting of the Arabian Sea on the west and the proud peaks of the Wayanad hills on the east, Calicut is known for its serene beaches, lush green countryside, historic sites, calm backwaters, wildlife sanctuaries, rivers, and waterfalls.

ACADEMIC PROGRAMS

B. ARCH. / B. TECH. / M.PLAN. / M. TECH. / M.B.A. /
M. SC. / PH.D.

Departments and Centres

- Department of Architecture and Planning
- Department of Chemical Engineering
- Department of Chemistry
- Department of Civil Engineering
- Department of Computer Science and Engineering
- Department of Electrical Engineering
- Department of Electronics and Communication Engineering
- Department of Mathematics
- Department of Mechanical Engineering
- Department of Physics
- School of Biotechnology
- School of Management Studies
- School of Materials Science and Engineering

UNDER GRADUATE

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

MASTER OF TECHNOLOGY (M. TECH.) (2 YEARS)

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

Artificial Intelligence & Data Analytics

Computer Science and Engineering

Computer Science and Engineering (Information Security)

Department of Electrical Engineering

Electric Vehicle Engineering

High Voltage Engineering

Industrial Power and Automation

Instrumentation and Control Systems

Power Electronics

Power Systems

Department of Electronics and Communication Engineering

Electronics Design and Technology

Micro Electronics and VLSI Design

Signal Processing

Telecommunication

ACADEMIC PROGRAMS

Department of Mechanical Engineering
Energy Engineering and Management
Industrial Engineering and Management
Machine Design
Manufacturing Technology
Materials Science and Technology
Thermal Sciences

School of Materials Science and Engineering
Nanotechnology

MASTER OF PLANNING (M.PLAN.) (2 YEARS)

Department of Architecture and Planning
Master of Planning (Urban Planning)

MASTER OF BUSINESS ADMINISTRATION (MBA) - 2 YEARS

School of Management Studies

MASTER OF SCIENCE (M. SC.) - 2 YEARS

Department of Chemistry
Master of Science (Chemistry)
Department of Mathematics
Master of Science (Mathematics)
Department of Physics
Master of Science (Physics)

DOCTORAL (PhD.) PROGRAMMES

Doctoral Programmes are offered in all the Departments and Schools, under various schemes, like QIP, Full-time, External, Direct PhD (after UG) & Internal, etc., Scholarships are also available apart from the Institute's own fellowships for supporting the PhD scholars.

INSTITUTION WORKING HOURS

Class Timings: Monday through Friday, 8.00 am to 12.15 pm and 1 pm to 6 pm.

Academic Departments & Office: Monday through Friday, 9.00 am to 5.30 pm with half an hour break for lunch.

Library: Monday through Saturday, 8.00 am to 11.00 pm (except Public Holidays)

Central Computer Centre: 7 am to 12 midnight (except Public Holidays)

Health Centre: Monday through Saturday, 9.00 am to 5.30 pm; Sundays and Public Holidays - 10.00 am to 12.00 noon. NITC Health Center provides 24x7 doctors and ambulance support. It is equipped with the essential laboratory support and service of a lady doctor. Outside office hours, the Resident Medical Officers can be reached at 8129842256



At NIT Calicut, we use an online platform called Shiksha Kaushal for all academic activities. It is a web-enabled cloudhosted open source-based Learning Management System. It has two different components which are integrated.

1.Moodle (a Learning Management System used worldwide) based cloud-hosted Learning Management System (LMS). It has tools for student management and progress tracking, content creation and sharing, communication and interaction, assessments, grading, attendance, surveys, etc.

2.Webex suit: A web-based platform for managing virtual online classes, online training, meetings and conferences. The entire student community, including undergraduate, postgraduate and Ph.D. levels and the faculty members, have access to the learning management system. Students can access the online classes and take part in evaluations from their homes in different parts of the country and abroad. The online education option is available only during the pandemic time or other such exigencies.





CENTRAL COMPUTER CENTRE (CCC)

The Central Computer Centre is the central facility catering to the computing requirements of NITC. The centre has fully operational terminals spanning over two floors of the building, more than 200 client machines, 30 workstations, and highend servers. It has a high-performance computing facility containing one master node and 13 compute nodes with 25 TFLOPS computing power. The Decision Support System (DSS) of the institute also operates from the CCC building.

CAMPUS NETWORKING CENTRE (CNC)

The CNC provides networking, software, and hardware support to the entire NIT Calicut community. The CNC manages 1.1 Gbps Internet connectivity in the campus via wired/wireless connectivity to all important academic and residential areas. The CNC also manages IP phones, cybersecurity, routers, Domain Name Servers and Web Servers in the campus network.

CENTRE FOR COMPUTATIONAL MODELING AND SIMULATION (CCMS)

The CCMS is aimed at promoting computational modelling in diverse fields. It has a High-Performance Computing Cluster with 1 Master Node, 31 compute nodes, 2 GPU Nodes (Lenovo 1280 cores), 102 TFlops theoretical computing speed and 260 TB Data storage facility (6 GBps read/write speed). The CCMS also has an NVIDIA DGX Deep Learning Station with 500 Tflops performance (4 Nos V100 GPU cards).



Education Technology & Library (ETL) consists of NITC Central Library and Digital Library. The Central Library of NIT Calicut is one of the best technical libraries in South India. It came into being with the establishment of the college as Regional Engineering College (REC) Calicut in 1961. Central Library has a floor area of 10,300 sq m in its present location, which is the New Library Building. It has a collection of more than one lakh and thirty thousand technical/scientific books. The services of the Central Library are fully automated using KOHA, an open-source library automation system, and the entire collection is accessible throughout the campus via KOHA-OPAC. A special collection of books and textbooks, funded by the Kerala State Government Scheduled Caste Welfare Department, exists for the socially weaker sections of students.

Central Library subscribes to reputed International and Indian Journals in online and print forms. These are primary resources required to drive the Institute's research program. At present, the library subscribes to almost 4500 online and print journals. Major online journals, conference proceedings like IEEE, ASME, ASCE, ACM Digital Library, APS, ACS, AIP, Springer- Nature, Science Direct, RSC Gold, Taylor and Francis, EPW, IoP, etc. are available over the campus network. Online resources and Databases, like ASTM, BIS, JGATE Plus, JSTOR, MathSciNet, Grammarly, Turnitin, Web of Science,



Scopus etc., are also available, supporting research and academic activity on the campus. The online platform Knimbus allows access of e-resources of the library from outside the campus through a secure network. This has been a lifeline for researchers and students during the pandemic induced lockdown at NITC.

The Digital Library, NALANDA consolidates and gives a single point of access to all e-resources of NITC. As a member of the Shodh Sindhu Consortium under the Ministry of Education, Govt., NALANDA promotes the use of e-journals and e-books for advanced research and learning in Engineering and Science Education. Online study materials are available through a local copy of NPTEL. The digital library also houses the NITC archived resources by collecting and indexing the student project reports and theses, PhD thesis etc., through an ETD run with DSpace, which also houses the national and international standards.

E-books from Wiley, Springer, Cambridge, Elsevier, McGraw Hill and Pearson are also available. The library is currently building an e-textbook collection, a drive launched during the period of the pandemic enforced online classes. Digital Library computer centre houses about 50 computer terminals and provides exclusive access to all the online resources available with the library. All resources are available throughout the campus from <http://www.library.nitc.ac.in>.

SPORTS FACILITIES



NIT Calicut, true to its objective of total fitness in the campus, has included Physical Education in the UG curriculum. It is mandatory for all the students to take a onecredit course on physical education. The Institute offers all major infrastructure, including a Swimming Pool, Skating Rink and Gymnasium to choose from, for making their campus life worthwhile and fruitful. In addition, the highly talented are spotted, trained and exposed to higher levels of competition like the Inter-university, Inter-NIT and State tournaments.

Institute gives due importance to extracurricular activities both through formal and non-formal mechanisms. Students enjoy the benefits of facilities like floodlit clay courts for lawn tennis, concrete topped floodlit basketball court, floodlit volleyball court, multipurpose indoor court for badminton and table tennis, chess hall etc. The students also have access to a 25 station gymnasium, playfields for football, cricket and hockey, cricket net practising zone and pitch, etc.

There is also one exclusive fitness center attached to the Ladies' Hostel, having a gymnasium, badminton court and a table tennis room. The major attraction of the campus is the voluntary participation by the students in the sports events. Regular practice is taken up for every major game under the expert guidance, and supervision of the coaches hired for that purpose. The teams are trained for participation in various levels of tournaments, namely District, State, Invitation, Interuniversity, Inter-NIT, and so on.

SCHOLARSHIPS AND AWARDS

Some of the prominent scholarships given by NIT Calicut are:

Rajesh Kumar K K Memorial Award

'Raj Foundation for Academic Excellence'

Subramonia Iyer- Lekshmi Ammal(SILA) Scholarship

Silver Jubilee Endowment Trust Scholarships - These include:

Prof. A.O. Kunjipaulo Endowment Scholarship

Class of 1992 Computer Engineering Alumni Scholarship

RECCAA, Singapore Scholarship

RECCAA, USA Scholarship

RECCAA, Bahrain Scholarship

REC 1st Batch Scholarship

RECCAA, Mumbai Scholarships (2 nos.)

CSAI (Class of 2000) Scholarships (4 nos.)

REC 76-81 Batch Scholarships (2 nos.)

10 years of XXXIInd Batch (CREC 96) Scholarship

REC Calicut 1982 Batch Scholarship

NITC (REC) 1983 Batch Scholarship

REC Calicut, Class of 84 Trust Scholarship

CREC 80-85 Batch Scholarship

Padmanabhan Scholarship in Memory of All Departed Souls of 77 Batch, CREC

Capt. Mohammed Memorial Endowment Scholarship

Nitin Sharma Memorial Scholarship (CE)

1997-2001 CSE B.Tech. Batch Scholarship (CSE)

Mariveetil Raghunath Memorial Endowment Scholarship

Joseephus MT, John Sebastian & Luthufi KT Memorial Scholarship,
2004-08 Batch

1984-88 Batch of CREC/NIT scholarship

Sainadhan Memorial Endowment Scholarship (NSS)

1986-90 Batch of CREC/NITC Scholarships (3 Nos.)

1987-1991 Batch of CREC/NITC Scholarship

P K George Memorial Scholarship

1971 CREC Batch Scholarship

1988-1992 Batch of CREC/NITC Scholarship

1989-1993 Batch of CREC/NITC Scholarship

Deepak Venugopal Memorial Scholarship (First Year students only-
Two Nos.)

OTHER AWARDS

Bapna Gold Medal

Prof. Allesu Kanjirathinkal Memorial Award

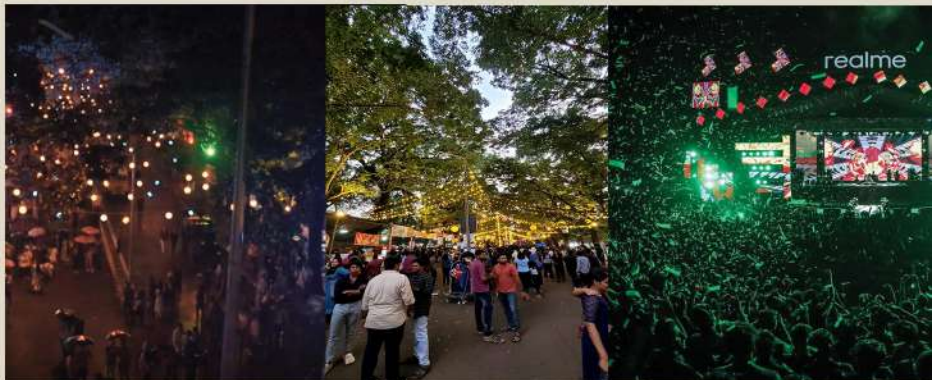
STUDENT AFFAIRS COUNCIL (SAC) AND COCURRICULAR ACTIVITIES

The Students Affairs Council also referred to as SAC, is a student representative body whose members are elected by the student community. It is the apex student body of NITC and is responsible for a wide range of activities and events that take place on the campus. However, the most prominent role of the SAC is its endeavour to ensure the academic progress of the students and their well-being.

The executive council functions as a body accountable to the SAC to execute and implement the policies related to academics and student welfare. Presided over by the General Secretary, it also addresses the grievances of the student community. The SAC body comprises Academics Affairs Secretary, Research Affairs Secretary, Hostel Affairs Secretary, Sports Secretary, Cultural Affairs Secretary, Technical Affairs Secretary, Joint Secretary and Chief Student Editor. Each executive chairs a council that tackles the issues under his/ her domain.

The SAC organises various cultural and technical events through different clubs and forums and the two major annual events: "Tathva", the techno-management festival, held in the Monsoon semester, and the cultural festival "Ragam", held in the Winter semester. The SAC office is located on the ground floor of Students Amenity Centre, next to the Amul cafe





CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES FOR STUDENTS

- Cultural fest RAGAM and techno-management fest TATHVA organised by the Students Affairs Council (SAC)
- Student magazine published annually to showcase the talents of students
- Several student clubs for activities like music, debate, dance, drama, management, entrepreneurship, etc.
- Active SPICMACAY Calicut chapter
- Film club arranges to screen movies in the open-air theatre
- National Service Scheme (NSS) for community services (4 Units)
- National Cadet Corps (NCC) : Naval Unit (1 unit)
Inter scholastic- Home and Away- district championship, state championship, inter-university tournaments, inter NIT tournaments, etc.
- Membership in professional societies like ISTE, IEEE, CSI, SSI, IIIE, SAE, ICI, ACM etc.

Student Guidance Cell(SGC)



The Student Guidance Cell (SGC) aims to provide guidance and counselling services to students based on their needs with assured privacy and confidential exchange of communication. The Clinical Psychologists are available in Room No MB 204 (Main building, First Floor) as per the following timings: Students must take appointments before the visit.

Monday to Friday: 9:00 am to 1 pm & 2 pm to 5.30 pm.
Contact No. 0495-228-6180. Website: www.sgc.nitc.ac.in.
Email: sgc@nitc.ac.in



The Centre for Career Development coordinates campus recruitment processes at NIT Calicut. Top firms from different verticals regularly visit the campus to recruit UG, PG and Ph.D. students. The number of job offers and the average annual salary offered has continued to rise over the years. During their final semester, B.Tech. students are eligible to pursue a semester-long internship in reputed industries, research organisations, and academic institutes. A full-year internship for M.Tech. students will be based on the respective department's policy on internships. Students are always encouraged to pursue as many internships as possible during their programme to get practical exposure in their professional discipline. The Centre also takes a keen interest in disseminating information about opportunities to students for improving their academic credentials and to involvement in extracurricular and professional activities. The Centre also regularly organises lectures as part of the lecture series titled "Corporate to Campus Talks" (C2C) led by experts from industry and alumni to give wider exposure to the students about their career options and the latest developments in the industry. These interactive sessions aim to bridge the gap between academia and industry and make the students industry-ready.

The Head of the Centre for Career Development Coordinators are ably supported by the Placement Committee, consisting of students and faculty representatives from various departments/programmes, for the smooth functioning of the Centre. For more details, please visit <http://www.placement.nitc.ac.in> to know about the training and placement activities.



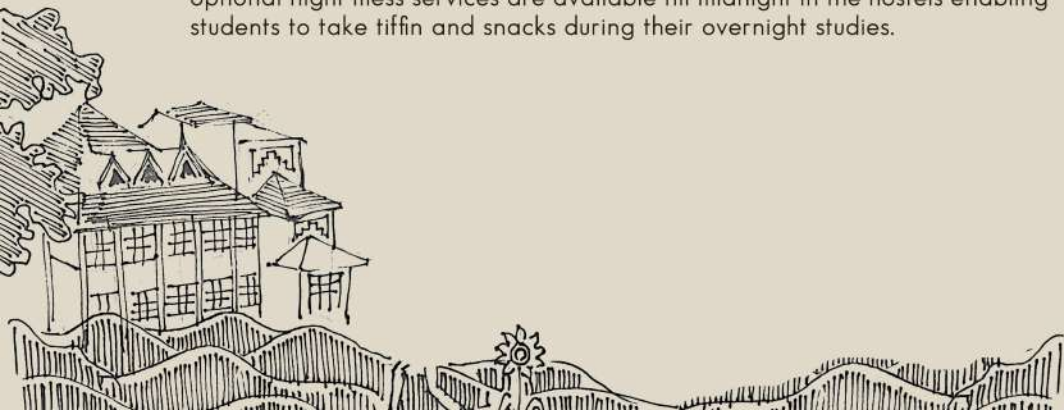
HOSTELS

There are 11 hostels for men and two hostels for women, including a mega hostel for ladies. The total capacity of all hostels currently available is more than 5000. The married students are also given family accommodation subject to availability.

All the hostels have common rooms and recreational centers where newspapers, magazines, TVs and indoor sports/games facilities are available. Guest room facilities are available in each hostel for the relatives/guests of hostel inmates on a chargeable basis. Twenty-four-hour internet and computational facilities are available in almost all hostels; A new mega hostel for boys is ready for occupation with state of the art facilities. Twenty four hours water and electricity supply is ensured in all the hostels. A mini canteen, Milma, Amul

kiosks, DTP centre, a co-operative store, a book centre, a laundry, etc., are functioning in the Students Amenity Centre near the hostels. The ladies hostel has facilities like ladies' gym, stitching and tailoring centre, hostel library, indoor sports centre, DTP centre, an Ice cream shop, a co-operative store, etc. A night canteen and an Amul kiosk function in the Ladies hostel as well.

There are 11 messes serving food with wide varieties of menu, associated with men's hostels out of which two are dedicated vegetarian messes. Four messes in the ladies hostel cater to the varying tastes of students from all over India. All the students except first-year students are allowed to join any of the messes of their choice. However, dining from any one of the messes within the hostel premises is compulsory for the inmates. Apart from the main messes, optional night mess services are available till midnight in the hostels enabling students to take tiffin and snacks during their overnight studies.



NITC-CAMPUS MAP





NITC has vibrant Alumni of over 35,000. All of them are part of the NITC Alumni Association (NITCAA). NITCAA serves as the primary linkage between the NIT Calicut and its alumni community across the globe and commits them to the advancement of NIT Calicut through various projects, programs, and mentoring activities. The office of Dean Alumni Affairs and International Relations (AAIR) coordinates the Interactions between alumni and alma mater.

- CREC/NITC alumni are currently occupying prominent positions in academia, research organisations and leading industrial sectors in India and abroad.
- In 2018, the Alumni association got registered as the National Institute of Technology Calicut Alumni Association (NITCAA) (under Societies Act XXI of 1860), with all alumni of CREC/NITC being members.
- 18 Alumni chapters are spread in the USA, Canada, UAE, Singapore, Mumbai, Calicut, Trivandrum, Chennai, Bangalore, Cochin, Delhi, Pune, and many other parts of India and abroad, and they participate in the World NITCAA Meet (WNM).
- NITCAA's newsletter "NITconnect" serves to keep the Alumni updated about NITCAA, news related to alumni and activities at NITC



- Silver Jubilee and Golden Jubilee reunion of pass-out batches is conducted every year on campus since 1986 and 2011, respectively.
- NITCAA executed projects like the Creative Zone, Maitri, etc., for contributing back to the institute. NITCAA and 1997 Batch contributed 350 laptops for the needy students of NITC towards attending online classes during COVID19.
- NITCAA is coordinating projects like Amphitheatre, IoTlab, Institute Management System (IMS) at NITC sponsored by various graduating batches of CREC/NITC.
- North America NITC Alumni association is coordinating the NITC Alumni Mentoring Program (NITCAMP) for providing academic and career guidance to current students of NITC.
- Distinguished alumni visit the campus and interact with students under the Distinguished Alumni Lecture Series. Please visit <https://www.worldnitcaa.com> to know more about NITCAA and Alumni activities.

ANNUAL FEE STRUCTURE 2023

B.Tech/B.Arch Fee structure for 2023-24 admissions .Tuition Fee may vary as per the directives of Ministry of Education, Government of India from time to time. The present Tuition fee is as per the MHRD order F No.33-4/2014-TS.III dated 24 June,2016, except for foreign nationals, DASA, CIWG, etc. Miscellaneous fees are as determined by the Institute as per provision of Statute No.37(i)(b).

ANNUAL FEE STRUCTURE (Collected in two equal instalments in Monsoon and Winter Semester)									
Fee Category	Gen, OBC & EWS Candidates having annual income greater than 5 lakhs (Rs.)	Gen, OBC & EWS Candidates having annual income between 1 lakh and upto and including 5 lakh (Rs.)	Gen, OBC & EWS Candidates having annual income less than 1 lakh (Rs.)	**All SC & ST candidates (Rs.)	**All PWD candidates (Rs.)	MEA Candidates (Rs)	Foreign Nationals & Candidates under DASA Scheme (INR or USD equivalent)	Study in India (INR or USD equivalent)	Candidate under CIWG scheme (INR or USD equivalent)
(a) Tuition Fee	1,25,000	41,667	NIL	NIL	NIL	1,25,000	US\$8000* (US\$4000 for SAARC)	US\$8000 (US\$4000 for SAARC)	1,25,000

(b) Onetime Fee at the time of Admission* (Rs.)		
Caution Deposit	5,000	
Admission Fee	4,000	
Library Fee	2,500	
Development Fee	10,000	
Alumni Affairs Fee	2,000	
Career Development Fee	2,000	
Students Welfare Fee	1,000	
Association and Cultural Fee	1,000	
Convocation Fee	3,000	
Total (b)	Rs 30,500/-	
(c) Other Fee* (Rs.)	Monsoon Semester 2023-24	Winter Semester 2023-24
Registration Fee	1,500	1,500
Examination Fee	1,500	1,500
Health Centre Facility Fee	500	-
Students Activities Fee	1,000	-
Sports Fee	1,000	-
Campus Amenities Fee	500	-
Computing Facility Fee	1,000	-
Internet Fee	500	-
Annual premium for Mediciam*	1,186	-
Total (c)	Rs. 8,686/-	Rs. 3,000/-
(d) Hostel Seat Rent (Includes Room Rent, Electricity, Water Charges)*	Rs. 9,000/- (Shared Room)*	Rs. 9,000/- (Shared Room)*
Total Amount during admission other than Tuition Fee	Rs. 48,186/-	

*** For details, please refer to the Institute's website.



"Mental well-being is key to educational success. Through Student Guidance Cell (SGC) the students are provided guidance and counselling services with assured privacy and confidential exchange of communication. The students also have access to 24x7 online counseling through YourDOST, an online counseling and emotional support platform. The students are required to register with their institute email id in the website <https://yourdost.com> to access the service, wellness contents and tools. In order to provide academic support for students' special classes taught by volunteering seniors and peers are organized. Students in need of mental health care, academic and wellness support are encouraged to avail SGC services.

The Institute also organises Yoga, Aerobics and Heartfulness Meditation sessions for the students on a regular basis focusing on complete all-round development of the mind, body and soul.



There is a very vibrant, five star rated, Institute Innovation Council (IIC) under the Ministry of Education's Innovation Council, which is working exclusively to promote innovative ideas of the students. To promote entrepreneurial culture in the students, the council regularly conducts workshops and mentoring programmes. Many students have developed prototypes and won prizes under the guidance of the council. Along with the IIC, Innovation and Entrepreneurship

Development Cell under the Kerala Start-up Mission also help in assisting students to materialise the entrepreneurship dreams of the students of the Institute.

The Institute encourages the Research & Development (R & D) activities amongst the undergraduate/postgraduate students through funding the innovative projects which can end up in a product/prototype that results in patent/ copyright/technology transfer/publications in SCI journals. Financial assistance is provided to these innovative projects to meet the expenses related to software packages, software development, fabrication/assembly charges, consumables and contingency. This scheme started in 2018, and so far, 108 projects have been supported under this scheme.

NITC set up a Technology Business Incubator (TBI-NITC) in 2003-04 with the support of the National Science & Technology Entrepreneurship Development Board (NSTEDB) Department of Science and Technology, Government of India to incubate startup industries in IT and Electronics. The TBI has extended incubation facilities to 83 start-up companies so far. TBI has an association with the Ministry of Micro, Small and Medium Enterprises, Ministry of Information and Communication Technology and the Technology Development Board. The TBI NITC is open to the students of NITC and to entrepreneurs outside the institute.



ORDINANCES AND REGULATIONS

For

Bachelor of Technology (B.Tech.) Programmes

(Applicable to 2023 Admission Onwards)

(Approved by 93rd meeting of the Senate held on 17-07-2023)



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT Campus (P.O), Kozhikode, Kerala-673601

CONTENTS

ORDINANCES

REGULATIONS

- R.1 Admission
- R.2 Structure of the B. Tech. Programmes
- R.3 Minor Programmes
- R.4 Faculty Advisor
- R.5 Class Committee
- R.6 Department Undergraduate Committee
- R.7 Registration and Enrolment
- R.8 Minimum Requirement to Continue the Programme
- R.9 Maximum Duration of the Programme
- R.10 Temporary Discontinuation
- R.11 Discipline
- R.12 Attendance & Leave
- R.13 Assessment Procedure
- R.14 Makeup Examination
- R.15 Project/Internship
- R.16 Method of Grading
- R.17 Declaration of Results
- R.18 Re-Examination
- R.19 Re-evaluation of Answer Scripts
- R.20 Grade Point Average
- R.21 Class/ Division
- R.22 Slow-pace Learning
- R.23 Contact Course
- R.24 Transfer of Credits
- R.25 Eligibility for the Award of B. Tech. Degree
- R.26 Power to Modify

ORDINANCES

- O.1 Eligibility for admission, admission policy and procedure shall be decided from time to time by the Senate/ Board of Governors (BoG) of National Institute of Technology Calicut (henceforth referred as Institute), following the guidelines issued by the Ministry of Education (MoE), Government of India (GoI).
- O.2 Institute offers regular full-time B.Tech. Programmes. The duration of the B.Tech. semesters-Monsoon Semester (July-August to November- December) and Winter Semester (December-January to April-May).
- O.3 Award of B. Tech. degree shall be in accordance with the regulations of the Senate of the Institute.
- O.4 The Senate/ BoG of the Institute has the right to modify any regulations stated from time to time.

R.1 Admission

- R.1.1 Admission to the B.Tech. programmes of the National Institute of Technology Calicut will be in accordance with the instructions received from the Ministry of Education (MoE), Government of India from time to time. The number of seats in each branch of the B.Tech. programme will be decided by the Senate/ BoG of the Institute following the instructions from MoE, Gol. Reservation of seats to various categories shall be as per the directives from MoE, Gol, from time to time. A few seats may be offered to Foreign Nationals, Indians living abroad and other categories in accordance with the rules and procedures issued by the MoE, Gol and the Institute from time to time.
- R.1.2 The eligibility for admissions to the B.Tech programmes will be published by the centralized counselling and allotment agency or the Institute from time to time.
- R.1.3 Candidates have to fulfill the medical standards required for admission as set out in the Information Brochure of the Institute or by any other body or organization entrusted by MoE/ the Institute.
- R.1.4 The selected candidates shall be admitted to the B.Tech. programme after they fulfill all the admission requirements set by the Institute and after payment of the prescribed fees.
- R.1.5 In all matters related to admission to the B.Tech. programme, the decision by the Institute or by any other body/ organization entrusted by MoE/ the Institute and its interpretation given by the Chairman of the Senate shall be final and binding.
- R.1.6 If, at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the Institute or any other body or organization entrusted for the admission by MoE/ the Institute, the Dean (Academic) may revoke the admission of the candidate and report the matter to the Senate.
- R.1.7 The fee structure shall be decided by MoE, Gol or any other body or organization entrusted by MoE, Gol or the Institute, from time to time.

R.2 Structure of the B.Tech. Programmes

- R.2.1 B Tech programmes in various branches offered by the Institute shall have credit based curricula with minimum total credit requirement to become eligible for the award of the Degree in the range 150-153.
- R.2.2 The B Tech programme curricula of the Institute shall have a total credit of 150-153, spanned across a minimum of 8 semesters and distributed among 5 categories, as shown below:

Sl. No.	Category	Credits
1.	Programme Core (PC) + Programme Elective (PE)	As per the approved curriculum of the programme
2.	Open Elective (OE)	
3.	Institute Core (IC)	
4.	Institute Elective (IE)	
5.	Activity Credits (AC)	

Programme Core (PC) + Programme Elective (PE) comprises the courses offered by the department offering the programme in a particular branch.

Open Elective(OE) comprises the courses offered by any department/school/centre of the Institute or on-line platforms approved by the Institute with the maximum number of courses from such platforms limited to 4.

Institute Core (IC) comprises of (i) 4 courses on Mathematics for 12 credits, (ii) 1 course on Professional Communication for 3 credits, (iii) 1 course on Professional Ethics for 1 credit and (iv) any two courses out of Physics, Chemistry, Biology for Engineers and Engineering Graphics for 6 credits as decided by the Department/School offering the programme in a particular branch.

Institute Elective (IE) comprises of (i) 1 course on Entrepreneurship/ Innovation (EI) for 3 credits (ii) 2 courses on Digital/ Automation Technologies (DA) for 6 credits and (iii) 3 courses on Humanities/ Social Science/ Management (HM) for 9 credits.

Activity Credits (AC) comprise of courses like Environmental Studies and co-curricular/extra-curricular activities items like publications, patents, participation in workshops, conferences, training programmes, sports, Institute approved club activities etc., from which the students are expected to obtain 80 points towards 4 credits which are not counted for CGPA. The details of activities counted towards AC and the corresponding points will be issued by the Institute from time to time.

- R.2.3 The general pattern of the credit system followed in the Institute is (i) one credit for each lecture session per week per semester, (ii) one credit for two laboratory practical sessions per week per semester, (iii) two credits for three/four laboratory practical sessions per week per semester, (iv) one credit for three drawing sessions per week per semester and (v) appropriate credits for design/ seminar/ project/ thesis/ lecture clubbed sessions per week per semester.
- R.2.4 Each B. Tech programme offered by the Institute shall have a curriculum and syllabi of courses approved by the Senate and the syllabus of any course gets modified/ updated by the Senate from time to time on the recommendation of the respective Department Undergraduate Committee (DUGC), Department Consultative Committee (DCC) and Board of Academic Council (BoAC).
- R.2.5 Courses offered by various departments are classified as first, second, third or fourth level courses to indicate the eligibility of a student to register for a course based on their academic progress to get enrolled into the first, second, third or fourth year of their study respectively.
- R.2.6 Students will not be permitted to register for more courses than the number of courses specified in the respective curriculum for improving the cumulative grade point average (CGPA).
- R.2.7 English will be the language of instruction and examinations for all the courses in the Institute unless explicitly stated otherwise at the announcement of the course during a semester.
- R.3 Minor Programmes**
- R.3.1 A B.Tech student of any branch may apply for one of the Minor Programmes offered by the Institute from time to time along with their B. Tech programme.

- R.3.2 Students registering for a Minor Programme need to credit a set of 4 additional courses carrying total credits in the range 12-16 from a basket of courses prescribed for the Minor Programme. Additionally, such students registering for the minor programme shall be required to credit two of their OE category courses as per the advice of the faculty coordinator for the respective Minor Programme.
- R.3.3 A student opting for a Minor Programme has to register for the relevant Minor courses 1 to 4 in the semesters 4 to 7 respectively and earn the credits for the same with a stipulated CGPA of 7 for the minor courses as per R.20 to become eligible for the award of the B. Tech Degree with the Minor. All courses registered as part of the minor program are to be successfully completed in the first attempt itself. REX prescribed as per R.18 shall not be conducted for Minor courses. Grades secured for courses of Minor Programme except for the OE courses as mentioned in R 3.2, shall not be counted for the CGPA of the B.Tech programme. Separate grade card will be issued for the courses credited as part of the minor program. A student who successfully completes the minor program shall be awarded the degree in the respective branch with a minor in the chosen specialization as a single certificate.
- R.3.4 Institute shall have the power to set the minimum number of students required for offering a Minor Programme and shall limit the number of seats for any Minor Programme. Also the total number of seats in the Minor Programmes will be a fraction of the sanctioned intake for the UG programmes. CGPA for the first two semesters shall be the admission criteria for the minor programme.
- R.3.5 Institute cannot guarantee admission to any specific Minor Programme. Also, there shall be separate fees applicable for the Minor Programme, which will be decided by the Institute from time to time.
- R.4 Faculty Advisor**
- R.4.1 To help the students in planning their courses of study and for getting general advice on the academic programme, the department concerned will assign a certain number of students to a regular faculty member who will be called their 'Faculty Advisor (FA)'. One FAs will act as the coordinating FA when more than one FAs are assigned for a class of students.
- Students shall first approach their FA for all academic advice, course registrations, leave and all academic/study related matters in the Institute. Whenever required, the FA shall provide necessary advice to the students. FA shall make appropriate recommendations or remarks on the applications submitted by the students before forwarding them to HoD/other officials concerned.
- FA will keep the complete record of academics, attendance/ leave, disciplinary actions if any, contact details of parents/ local guardians and any other relevant data of the students assigned.
- If the performance of a student is unsatisfactory in class tests or if the student is not regular in the class as informed by the course faculty in the class committee, FA shall give necessary motivation/ advice or warning to the student concerned. If the student does not show any improvement, matter shall be reported to HoD.
- Parents/ Local guardian shall maintain contact with the FA for seeking information on the performance of their ward.
- R.5 Class Committee**

- R.5.1 For every B.Tech. programme, semester wise, programme wise, Class Committee(CC) consisting of all course faculty, FAs and student's representatives shall be constituted by the respective Head of Department/School (HoD). The Chairperson of the Class Committee shall be appointed by the HoD.
- R.5.2 Term of the CC shall be one semester. The Committee shall meet at least thrice during the semester. The Dean (Academic) or nominee or HoD shall have the right to be present in any CC meetings. The Chairperson of the committee or coordinating FA shall record the proceedings of each meeting and the Chairperson shall communicate a copy of minutes of each meeting to the HoD concerned for any further action.
- R.5.3 The responsibilities of the CC include the following:
- Finalisation of the course plan, attendance and evaluation policies of all courses.
 - Periodic review on the progress of the classes and attendance of the students.
 - Identification of students with poor performance and low attendance and reporting the matter to FAs and HoD.
 - Giving suggestions and recommendations regarding the curriculum and syllabi, if any to the Departmental Under-Graduate Committee (DUGC)/HOD
 - Finalisation of the semester results without the student members and forwarding the same to the HoD in the prescribed format.
- R. 6 Department Undergraduate Committee**
- R.6.1 Departmental Undergraduate Committee (DUGC) shall comprise the senior most/coordinating faculty advisor of each batch of B.Tech programme (first year to final year). If the Department has an overall coordinator for the B.Tech programme, that faculty can also be a member of this committee. The Chairperson (from the committee members) as well as members of the committee shall be appointed by the respective HOD every year.
- R.6.2 Responsibilities of the Committee: The committee shall review, discuss and recommend all matters relating to the B.Tech programmes, including but not limited to:
- Recommend to the Department Consultative Committee (DCC), the Curriculum and Syllabus revision required for the programme including new elective courses for the existing programmes. If there are separate departmental committees for curriculum revision, the members of DUGC shall be automatically part of such committees.
 - Process the application for condonation of attendance shortage as per R 12 and provide recommendation to HoD
 - With HoD as Chairperson, DUGC shall conduct inquiry on examination malpractice cases reported from B.Tech examinations and make recommendations to the Dean(Academic) regarding penalties to be imposed. Additional members for this purpose may be appointed by the HoD, if required. Such an inquiry committee will have an external member nominated by the Dean(Academic).
 - Recommend to the BoAC through DCC, appropriate measures to deal with the specific issues of concern, arising due to the effect of periodic revision of curriculum and academic regulations.
 - Make recommendations to BoAC through DCC on matters related to implementation of new academic policies, evaluation of credits earned from other

Institutions as part of exchange programmes, Academic Bank of Credits (ABC) and similar initiatives.

Any other activities/tasks assigned by the HoD from time to time.

R.7 Registration and Enrolment

- R.7.1 Registration of a student refers to the selection of courses planned by the student, to be credited in the next semester as per the applicable curriculum through Institute Information Management System (IMS), during the time frame specified for the same by the academic section. Enrolment refers to the physical reporting of the students before the FA on the day specified by the academic section immediately before the commencement of the semester.
- R.7.2 Maximum credits that can be registered by a B.Tech. student of any semester (except eighth semester) is the normal credits of the concerned semester as per the relevant curriculum. However, students who are repeating failed courses/crediting dropped courses along with regular courses shall be permitted to overload one course in addition to the normal credit of the semester. Students who are only repeating the courses/ crediting the dropped courses or who are in the eighth semester, the maximum credits that can be registered is 24. Also, students who have opted for the Minor program will be permitted to credit one course extra as part of such program from semesters 4 to 7.
- R.7.3 A student with W grade in a core course as per R.16 has to repeat it compulsorily, whereas a student with F grade can either repeat it or appear for a Re-examination (REX) as per R.18. If the particular course is not available in the revised curriculum, then the student shall register for the approved equivalent course available. A student with W/ F grade in an elective course as per R.16 can either repeat the same elective course or register for a new elective course based on the advice of the FA.
- R.7.4 Registration for higher semester courses is permissible only after registering for all the remaining core courses from lower semesters that are being offered at the time, subject to the maximum number of credits permitted.
- R.7.5 B. Tech. students are allowed to register for courses from the PG programmes offered by the Institute during their final and pre-final year subject to permission from the parent department/school as:
- (i) OE, if the course is offered by other departments/schools
 - (ii) OE/PE, if the course is offered by the parent department/schools
- on the advice of the FA and permission from the course faculty, provided that their CGPA is 7.5 or above.
- R.7.6 Adding/ dropping course(s) to/ from the initial registration is permitted only on valid reasons within the stipulated time as per the guidelines and procedure announced by the academic section.
- R.7.7 A student shall be eligible for registration and enrolment only if (i) minimum requirement to continue the programme as per regulation R.8 is satisfied (ii) cleared all the dues in the Institute, Hostel & Library up to the end of the previous semester and (iii) not debarred from enrolment by a disciplinary action of the Institute (iv) completed the course feedback on the courses registered in the previous semester, as notified by the academic section (v) paid all the tuition fees and all other relevant fees, if any, prescribed by the Institute.

- R.7.8 The institute reserves the right to cancel the registration of a student to a semester subsequent to the registration, if it is found that any of the conditions in R.7.7 were violated at the time of registration, unless the initial registration was made with the explicit prior written permission from the Chairperson of the Senate.
- R.7.9 Students have to ensure that their names are included in the list of registered students with each course faculty at the beginning of the semester on the first instructional day itself. If the name is not included, students have to contact their FA.
- R.8 Minimum Requirements to Continue the Programme**
- R.8.1 A student admitted to B. Tech programme in the first semester can continue up to 8th semester, in the ascending order, subject to the following conditions:
- Registration to the final year shall be permitted only after successfully completing all core courses upto and including fourth semester.
- A maximum of 12 semesters (6 years) excluding the period of temporary discontinuation granted as per R.10, shall be allowed to complete the courses prescribed up to and including third year.
- Successfully maintain registration to all the semesters.
- R.8.2 If the student fails to satisfy the conditions in R 8.1, appropriate exit policy, as applicable for the credits earned by the students based on Institute norms, shall be applied.
- R.9 Maximum Duration of the Programme**
- R.9.1 The normal duration of the B. Tech. programme is Eight semesters (Four years). However, a student may complete the programme at a slower pace by taking more time, but in any case not more than Sixteen semesters (Eight years) excluding the semesters withdrawn on temporary discontinuation as per R.10.
- R.10 Temporary Discontinuation**
- R.10.1 A student may be permitted by the Dean (Academic) to discontinue temporarily from the programme for a maximum of two semesters for reasons of ill health or other medical reasons, based on the recommendation from FA and HoD. For break of study due to illness, all necessary medical reports and medical certificates from the doctor treating the student, giving definite reasons for the break of study and its duration shall be produced. The medical Certificate should be duly endorsed by the Institute Medical Officer. Before joining back, a fitness certificate from the doctor who treated the student, with endorsement from the Institute Medical Officer has to be submitted. Such temporary discontinuation shall be allowed only twice in the entire duration of the program.
- R.10.2 The students desirous of initiating a start-up venture, shall submit their business proposal to the Centre for Innovation, Entrepreneurship & Incubation (CIEI) of the Institute through the DUGC and HoD concerned. The proposal shall be scrutinized by an Institute Level Review Committee for Innovation, Entrepreneurship and Startups (IRES) constituted by the Director. Based on the recommendation of the committee, the Director may approve the proposal for startup formation. Once the startup is registered, students concerned can submit an application to Dean (Academic) through DUGC, HoD and IRES Committee, if they require an academic break for their start-up activities.
- Dean (Academic) will take appropriate action for temporary discontinuation based

on the recommendation by the IRES committee. The academic break shall be given initially for one semester and further extensions will be given by the Dean (Academic) based on a review of the progress and recommendation by the HoD and IRES committee. Normally a student shall be permitted to discontinue temporarily from the programme for this purpose, only for a maximum duration of four semesters continuously or with breaks.

R.10.3 In case of change in the curriculum/syllabi, a student has to register for the approved equivalent courses (meeting the credits) as per the revised curriculum/ syllabi as per the advice of FA, whenever the student is allowed to continue the programme after the period of discontinuation.

R.10.4 Students proceeding for temporary discontinuation are required to maintain the Institute registration by paying the fees applicable for keeping the registration alive till they resume normal academic activities. Once they join back after temporary discontinuation, fees applicable for regular students shall be paid.

R.11 Discipline

R.11.1 Every student is required to observe discipline and decorous behavior both inside and outside the campus and not to indulge in any activities, which shall tend to bring down the prestige of the Institute.

R.11.2 Any act of indiscipline or misbehavior of a student reported to the Dean (Academic)/ Chairman, Senate will be referred to the appropriate disciplinary committee for further action.

R.11.3 The student who received punishment, if any, may appeal to the Chairman, Senate, whose decision shall be final & binding in all respects.

R.11.4 Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the Institute. In all cases of harassment, if any, of the junior students by the seniors, the Institute level Anti-Ragging Committee will take appropriate decisions for immediate implementation by the Institute. Each student of the Institute, along with the parent, is required to give an undertaking in this regard and the same is to be submitted at the time of registration.

R.12 Attendance and Leave

R.12.1 Students are expected to attend all the classes for the courses they have registered for. The standard policy of the Institute is 80% attendance for any course. However, it is the prerogative of the course faculty to fix the attendance requirement for their courses without exceeding the 80% limit. The attendance policy of the course faculty shall be announced to the students in the first class itself. It has to be later presented and approved in the first class committee meeting. If a student could not attend any of the classes due to medical issues or any other compelling reasons, leave application as detailed below needs to be submitted to the course faculty.

Application for any leave shall be submitted within five instructional days after returning from leave or, on or before the last instructional day of the semester, whichever is earlier.

Application for leave on medical grounds must be supported with necessary treatment records for the period of leave applied for. It is expected that the student shall inform the course faculty before proceeding on medical leave under normal circumstances.

- R.12.2 A student, whose attendance for any course registered in a semester is less than 80% or the limit prescribed by the course faculty, is not eligible to appear for the end semester examination for that particular course unless the shortage of attendance is condoned as per R.12.4. The percentage of attendance shall be calculated based on the number of classes conducted from the date of commencement of the semester as per the academic calendar except for first semester students. In the case of first semester students, it shall be counted from the date of admission of the student to the Institute or start of the classes, whichever is later.
- R.12.3 Students whose attendance is less than 80% or the limit prescribed by the course faculty, for any course registered in a semester, shall be informed on the shortage of attendance on or before the last instructional day.
- R.12.4 Those students with attendance less than 80% or the limit prescribed by the course faculty, for any course registered in a semester, will be eligible to get their shortage of attendance condoned and hence to appear for the end semester examination for that course only if the student apply for condonation subject to the following conditions
- |the attendance in that semester for the course concerned, without applying any condonation, is not less than 50% of the total classes handled for that course.
 - |attendance after applying the condonation for co-curricular/extra-curricular activities based on the approval granted by competent authorities (maximum limit is 10% of the classes handled by the course faculty) and the condonation on medical grounds is more than 80% or the limit prescribed by the course faculty.
- R.12.5 If a specific attendance requirement is prescribed for a course, all requests for the condonation of shortage of attendance must be submitted to the corresponding course faculty. The course faculty shall examine such requests and supporting documents and take a decision on whether the shortage of attendance can be condoned or not, well before the date of the end-semester examination of the course concerned. In case the student has a grievance on the decision of the course faculty, an appeal can be made to the DUGC and the decision of this committee shall be final and binding.
- R.12.6 Students who have enrolled to Centre for Career Development (CCD) of the Institute for internship/ placement related activities are eligible for duty leave upto a maximum of ten days per semester, subject to the actual absence from class for these activities. The attendance details on day / company basis shall be provided by CCD, to the concerned departments/schools to verify the claims from the students.
- R.13 Assessment Procedure**
- R.13.1 The Senate shall decide the assessment procedure from time to time. It shall be based on the system of tests, assignments, tutorials, presentations, quizzes, course projects, reports, etc. and the end semester examinations in each course in each semester.
- R.13.2 Minimum one mid semester test with a minimum duration of 90 minutes is mandatory for lecture based courses and for courses where lectures are clubbed either with practical, drawing, projects, etc. The number of assignments, tutorials, presentations, quizzes, course projects, reports, etc. shall be decided by the course faculty.
- R.13.3 One end-semester examination with a minimum of two hours duration for each lecture based course and for each course where lectures are clubbed either with practical or drawing or projects etc. End semester examination is not mandatory for laboratory/practical/drawing courses.

R.13.4 The weightage of marks for various evaluation components shall be finalized by the course faculty with the approval of the class committee.

R.13.5 The method of assessment for laboratory/practical/drawing courses, shall be based on tests and the performance of students in the regular laboratory/practical/drawing classes. This will be finalized by the course faculty with the approval of the class committee.

If the end semester examination is planned for a laboratory/practical/drawing course, it shall be conducted before the last instructional day and the weightage for it should not exceed 30%.

R.13.6 The evaluation policy of courses, offered as part of Activity Credits (AC) shall be finalised by the instructor as per the guidelines issued by the Dean(Academic) from time to time.

R.14 Make-up Examination

R.14.1 Students who miss the mid semester or end-semester examinations due to ill-health requiring hospitalization /physical indisposition with inability to move or any other compelling reason judged to be valid by the FA/HoD, are eligible for make-up examinations. Requirement of hospitalized treatment is not applicable in the case of contagious disease like chicken pox. Make-up examination for the mid-semester component shall be conducted based on the mutual convenience between the students and course faculty during the semester. The make-up examination for the end-semester component shall be conducted along with the re-examination (REX) as per R18. Students appearing for make-up examination will not be permitted to appear for REX for the same course.

R.14.2 Those who miss mid semester or end semester examination in a course shall apply to the HoD concerned through FA within five instructional/ working days after the missed mid semester/end semester examination or before the prescribed date indicated in the academic calendar whichever is earlier, giving the reasons/proofs for the absence. Applications received after this period will not be entertained.

Students applying for make-up examination due to medical reasons must produce a medical certificate (as the proof for absence) from a Registered Medical Practitioner certifying that the student was admitted to hospital during the period of examination or the student was not in a condition to write the examination.

All applications for make-up examinations when approved by the HoD, the FA shall inform the same to the course faculty concerned. The list of students permitted to appear for the make-up examinations for the mid semester and end-semester examinations shall be published by the department/school.

R.14.3 Make-up examinations for mid semester and end semester examinations shall be conducted by the course faculty concerned and incorporate the marks of the relevant make-up examinations, finalise the results of the students to whom 1 grade was awarded as per R.16 (in case of end-semester make-up examination) and report the results to HoD/ Dean (Academic) through the Chairperson of the Class Committee with appropriate entries in the Institute IMS.

R.15 Project/ Internship

- R.15.1 The curricula of all B.Tech programmes shall provide opportunity to do four projects/internship with explicit credits awarded to each of them. The specific details of each of them are outlined from R15.2 to R.15.10
- R.15.2 Project work in the 6-th semester is mandatory for all the B.Tech students.
- R.15.3 One or more Summer internships with a total duration 6-10 weeks after 6-th semester is mandatory for all the B.Tech students. It is to be preferably done in an Industry/R&D organization / Govt.Departments / Start-up companies / reputed academic and other institutions in India or abroad.
- R.15.4 Students who are not getting the opportunity to do summer internship outside the Institute can do the same in the Institute by associating with the R&D or other suitable projects of faculty members.
- R.15.5 The evaluation of this internship will be done during 7-th semester by one or more committees duly constituted by the HoD and a letter grade as per R16.1 shall be awarded along with grading for other courses enrolled in the 7-th semester. All students required to submit a report on the internship to the respective departments/schools.
- R.15.6 Department/school will have the freedom to prescribe Project work in the 7-th semester as mandatory or optional. If it is prescribed as optional in the curriculum, students will be able to replace it with Program Elective courses of equivalent credits. If the academic requirements as per curriculum permits, a student will be able to replace project work in the 7-th semester with internship. This shall be permitted by the FA and HoD of the student concerned.
- R.15.7 Project work in the 8-th semester shall preferably be done as an internship in Industry /own entrepreneurial venture / R&D organizations /Start-ups/ other academic institutions of repute in India or abroad. Students who are not getting an opportunity to do internship outside the Institute can do the same in the Institute or substituted by Programme Elective courses of equivalent credits.
- R.15.8 Enough flexibility shall be provided to students to choose topics projects from 6-th semester to 8-th semester as independent or connected works, individual or groups and form project groups across the departments/schools.
- R.15.9 The project work/Internship will be assessed by a panel of examiners (within the Department/ within the Institute/ experts from outside the Institute) decided by the HoD. In the case of multidisciplinary projects involving students from different departments/schools, the guidelines issued by the Senate as per S87.2.8 shall be followed for the constitution of the evaluation committee. Method of assessment/ evaluation will be announced in the class committee. If experts from outside the Institute are invited for evaluation, it shall be with the approval of the Dean (Academic).
- R.15.10 On completion of the project, students shall submit a report in the prescribed format to the department/school. Number of copies and the format will be as per the department guidelines. Soft copy of the report shall be submitted to the Institute Digital Library.
- R.15.11 Students are expected to make serious efforts to do the project in each of the phases so as to attain tangible outcomes such as publications, patents and copyrights from each of them or jointly.

R.16 Method of Grading

- R.16.1 Based on the semester performance, each student will be awarded a final letter grade for each course, where the letter grades will correspond to the grade points as shown below.

Grade	Grade points
S	10
A	9
B	8
C	7
D	6
E	5
F (Failure to credit the course)	0
W (Insufficient attendance)	0
I (Incomplete assessment)	0

A student is said to have credited a course or earned credits in respect of a course when a grade other than F, W or I is secured for that course.

- R.16.2 After the valuation of the answer scripts of end semester examination and the tabulation of marks for each course out of 100, the Course Faculty shall decide the range of marks for various letter grades S, A, B, C, D, E and F and award the letter grades to the students in that course accordingly. One or more class committee meetings without the student members shall be held before the date fixed for the declaration of results as per the academic calendar and the letter grades awarded to the students by the course faculty for various courses shall be scrutinised and finalized in that meeting, with appropriate entries in the Institute IMS. Chairperson of the CC shall then submit the verified and signed copy of the final results to the HoD for forwarding it to the Dean (Academic). One set of hard copies of consolidated results shall be kept at the department/school for reference and records.
- R.16.3 Grade I (English Alphabet I) will be awarded by a course faculty to a student in a course as an interim grade when the assessment of the student in that course stands incomplete due to certain valid reasons like eligibility for make-up examination. Once I grade is awarded to a student, the concerned course faculty shall ensure that it will be converted to a final grade before the next academic session (Monsoon/Winter) and the same shall be informed to the academic section through the Chairperson, CC and HoD.
- R.16.4 Students whose attendance is less than 80% for a course in a semester will be awarded the letter grade W for that particular course in that semester irrespective of the marks obtained by them for that course, unless their shortage of attendance is condoned as per R.12.4.

ORDINANCES AND REGULATIONS

For

Bachelor of Architecture (B.Arch.) Programme

(Applicable to 2023 Admission Onwards)

(Approved by 93rd meeting of the Senate held on 17-07-2023)



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT Campus (P.O), Kozhikode, Kerala-673601

CONTENTS

ORDINANCES

REGULATIONS

- R.1 Admission
- R.2 Structure of the B.Arch. Programmes
- R.3 Minor Programmes
- R.4 Faculty Advisor
- R.5 Class Committee
- R.6 Department Under-Graduate Committee
- R.7 Registration and Enrolment
- R.8 Minimum Requirement to Continue the Programme
- R.9 Maximum Duration of the Programme
- R.10 Temporary Discontinuation
- R.11 Discipline
- R.12 Attendance & Leave
- R.13 Assessment Procedure
- R.14 Make-up Examination
- R.15 Project/Internship
- R.16 Method of Grading
- R.17 Declaration of Results
- R.18 Re-Examination
- R.19 Re-evaluation of Answer Sheets
- R.20 Grade Point Average
- R.21 Class/ Division
- R.22 Slow-pace Learning
- R.23 Contact Course
- R.24 Transfer of Credits
- R.25 Eligibility for the Award of B.Arch. Degree
- R.26 Power to Modify

ORDINANCES

- O.1 Eligibility for admission, admission policy and procedure shall be decided from time to time by the Senate/ Board of Governors (BoG) of the National Institute of Technology Calicut (Henceforth referred to as Institute), following the guidelines issued by the Ministry of Education (MoE), Government of India (GoI).
- O.2 The Institute offers regular full-time B.Arch. Programme. The duration of the B.Arch. Programme shall be five years (10 semesters). Every academic year consists of two semesters-Monsoon Semester (July-August to November-December) and Winter Semester (December-January to April-May).
- O.3 Award of B. Arch. Degree shall be in accordance with the regulations of the Senate of the Institute.
- O.4 The Senate/ BoG of the Institute has the right to modify any regulations stated from time to time.

R.1 Admission

- R.1.1 Admission to the B. Arch programme of the National Institute of Technology Calicut will be in accordance with the instructions received from the MoE, Gol, from time to time. The number of seats in the B. Arch programme will be decided by the Senate/ BoG of the Institute following the instructions from MoE, Gol. Reservation of seats to various categories shall be as per the directives from MoE, Gol from time to time. A limited number of seats may be offered to Foreign Nationals and Indians living abroad in accordance with the rules and procedures issued by the MoE, Gol and the Institute from time to time.
- R.1.2 Eligibility for admission to the Programme will be published by the centralized counselling and allotment agency or the Institute in the respective academic year.
- R.1.3 Candidates have to fulfil the medical standards required for admission as set out in the Information Brochure of the Institute or by any other body or organization entrusted by MoE, Gol / the Institute.
- R.1.4 The selected candidates shall be admitted to the B. Arch programme after they fulfil all the admission requirements set by the Institute and after payment of the prescribed fees.
- R.1.5 In all matters related to admission to the B. Arch programme, the decision by the Institute or any other body/organization entrusted by MoE, Gol / the Institute and its interpretation given by the Chairman of the Senate shall be final and binding.
- R.1.6 If, at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the Institute or any other body or organization entrusted for the admission by MoE, Gol / the Institute, the Dean (Academic) may revoke the admission of the candidate and report the matter to the Senate.
- R.1.7 The fee structure shall be decided by MoE, Gol or any other body or organization entrusted by MoE, Gol or the Institute from time to time.

R.2 Structure of the B.Arch. Programme

- R.2.1 The B Arch programme offered by the Institute shall have a credit-based curriculum with a minimum total credit requirement of 220 Credits to become eligible for the award of the B Arch Degree.
- R.2.2 The B Arch programme curriculum of the Institute shall have five categories with category-wise minimum credit requirements as shown below,

Sl. No.	Category	Credits
1.	Programme Core (PC) + Programme Elective (PE)	183
2.	Open Elective (OE)	9
3.	Institute Core (IC)	9
4.	Institute Elective (IE)	15
5.	Activity Credits (AC)	04
	Total	220

Programme Core (PC) + Programme Elective (PE) comprises the courses offered by the Department of Architecture & Planning (Henceforth referred to as Department)

Open Elective (OE) comprises the courses offered by any Department/School/Centre of the Institute or online platforms approved by the Institute, with the maximum number of courses from such platforms limited to 2.

Institute Core (IC) comprises (i) one course on Mathematics for three credits, (ii) One course on Professional Communication for three credits, (iii) One course on Professional Practice & Ethics for two credits and (iv) one course on Workshop for one credit.

Institute Elective (IE) comprises (i) One course on Entrepreneurship/ Innovation (EI) for three credits, (ii) Two courses on Digital/ Automation Technologies (DA) for six credits and (iii) Two courses on Humanities/ Social Science/ Management (HM) for six credits.

Activity Credits (AC) comprise courses like Environmental Studies and co-curricular/extra-curricular activities items like publications, patents, participation in workshops, conferences, training programmes, sports, Institute approved club activities etc., from which the students are expected to obtain 80 points towards four credits which are not counted for CGPA. The Institute will issue the details of activities counted towards AC and the corresponding points from time to time.

- R.2.3 The general pattern of the credit system followed in the Institute is (i) one credit for each lecture session per week per semester, (ii) one credit for two laboratory practical sessions per week per semester, (iii) two credits for three laboratory practical sessions per week per semester, (iv) appropriate credits for design/ seminar/ project/ thesis/ lecture clubbed sessions per week per semester.
- R.2.4 The B. Arch programme offered by the Institute shall have a curriculum and syllabi of courses approved by the Senate, and the syllabus of any course gets modified/ updated by the Senate from time to time on the recommendation of the respective Department Undergraduate Committee (DUGC), Department Consultative Committee (DCC) and Board of Academic Council (BoAC).
- R.2.5 The Department of Architecture & Planning will offer all the core courses prescribed in the curriculum and a sufficient number of elective courses in various categories as required by the curriculum every semester. The Courses are classified as first, second, third, fourth or fifth-level courses to indicate the eligibility of a student to register for a course, based on their academic progress to get enrolled into the first, second, third, fourth or fifth year of their study respectively.
- R.2.6 Students will not be permitted to register for more courses than the number of courses specified in the curriculum to improve the cumulative grade point average (CGPA).
- R.2.7 English will be the language of instruction and examinations for all the courses in the Institute unless explicitly stated otherwise at the announcement of the course during a semester.

R.3 Minor Programmes

- R.3.1 A B Arch student may apply for any of the Minor Programmes offered by the Institute from time to time along with their B Arch programme.
- R.3.2 Students registering for a Minor Programme need to credit a set of 4 additional courses carrying total credits in the range 12-16 from a basket of courses prescribed for the Minor Programme. Additionally, such students registering for the minor Programme shall be required to credit two of their OE category courses as per the advice of the Faculty Coordinator for the respective Minor Programme.
- R.3.3 A student opting for a Minor Programme has to register for the relevant Minor courses 1 to 4 in the semesters 4 to 7, respectively and earn the credits for the same with a stipulated CGPA of 7 for the minor courses as per R.20 to become eligible for the award of the B.Arch Degree with the Minor. All courses registered as part of the minor program are to be successfully completed in the first attempt itself. REX prescribed as per R.18 shall not be conducted for Minor courses. Grades secured for courses for Minor Programme, except for the OE courses, shall not be counted for the CGPA of the B.Arch programme. A separate grade card for the courses credited as part of the Minor Programme will be issued. A student who successfully completes the minor Programme shall be awarded a Degree in B Arch with a minor in the chosen specialization as a single certificate.
- R.3.4 The Institute shall have the power to set the minimum number of students required for offering a Minor Programme and limit the number of seats for any Minor Programme. Also, the total number of seats in the Minor Programmes will be a fraction of the sanctioned intake for the UG programmes. CGPA for the first two semesters shall be the admission criteria for the Minor Programme.
- R.3.5 Institute cannot guarantee admission to any specific Minor Programme. Also, separate fees shall be applicable for the Minor Programme, which the Institute will decide from time to time.

R.4 Faculty Advisor

- R.4.1 To help the students plan their courses of study and get general advice on the academic Programme, the Department will assign a certain number of students to a regular faculty member who will be called their 'Faculty Advisor (FA)'. One FA will act as the coordinating FA when more than one FAs are assigned to a class of students.

Students shall first approach their FA for all academic advice, course registrations, leave and all academic/study-related matters in the Institute. Whenever required, the FA shall provide the necessary guidance to the students. FA shall make appropriate recommendations or remarks on the applications submitted by the students before forwarding them to HoD/other officials concerned.

The FA will keep the complete record of academics, attendance/ leave, disciplinary actions, if any, contact details of parents/ local guardians and any other relevant data of the students assigned.

If the performance of a student is found unsatisfactory in class tests or if the student is not regular in the class as informed by any course faculty in a class committee, FA shall give necessary motivation/ advice or warning to the student concerned. If the student does not show any improvement, the matter shall be reported to HoD.

Parents/ Local guardian shall maintain contact with the FA to seek information on the performance of their ward.

R.5 Class Committee

R.5.1 A semester-wise Class Committee (CC) consisting of all course faculty, FAs and student representatives shall be constituted by the Head of the Department (HoD). The Chairperson of the Class Committee shall be appointed by the Head of the Department.

R.5.2 The term of the CC shall be one semester. The Committee shall meet at least thrice during a semester. The Dean (Academic) or nominee or HoD shall have the right to be present in any CC meetings. The FA shall record the meeting proceedings, and the Chairperson shall communicate a copy to the HoD for further action.

R.5.3 The responsibilities of the CC include the following:

Finalisation of the course plan, attendance and evaluation policies of all courses.

Explore the possibility of horizontal integration of the courses in a semester and finalize the scheme in the first class committee meeting.

Periodic review of the progress of the classes and attendance of the students.

Identification of students with poor performance and low attendance and reporting the matter to FAs and HoD.

Giving suggestions and recommendations regarding the curriculum and syllabi, if any, to the DCC/HOD

Finalization of the semester results (without the student members) and forwarding the same to the HoD in the prescribed format.

R. 6 Department Undergraduate Committee

R.6.1 Department Undergraduate Committee (DUGC) shall comprise the faculty advisor/s of all semesters of the B Arch programme (first year to final year). The Department UG programme coordinator will also be a member of this committee. The Chairperson (from the committee members), as well as members of the committee, shall be appointed by the HoD every year.

R.6.2 Responsibilities of the Committee: The committee shall review, discuss and recommend all matters relating to the B Arch programme, including but not limited to:

(i) Recommend to the Department Consultative Committee (DCC) the Curriculum and Syllabus revision required for the Programme, including new elective courses for the existing Programme. If there are separate departmental committees for curriculum revision, the members of the DUGC shall be automatically part of such committees.

(ii) Process the application for condonation of attendance shortage as per R.12 and provide recommendations to HoD

(iii) With HoD as Chairperson, DUGC shall conduct inquiries on examination malpractice cases reported from B Arch examinations and make recommendations to the Dean (Academic) regarding penalties to be imposed. Additional members for this purpose may be appointed by the HoD if required. Such an inquiry committee will have an External Member nominated by the Dean (Academic).

- (iv) Recommend to the BoAC, through DCC, appropriate measures to deal with the specific issues of concern arising due to the effect of periodic revision of curriculum and academic regulations.
- (v) Make recommendations to BoAC through DCC on matters related to the implementation of new academic policies, evaluation of credits earned from other institutions as part of exchange programmes, Academic Bank of Credits (ABC) and similar initiatives.
- (vi) Any other activities/tasks assigned by the HoD from time to time.

R.7 Registration and Enrolment

- R.7.1 Registration of a student refers to the selection of courses planned by the student to be credited in the next semester as per the applicable curriculum through the Institute Information Management System (IMS) during the time frame specified by the academic section. Enrollment refers to the physical reporting of the students before the FA on the day specified by the Academic Section immediately before the commencement of the semester.
- R.7.2 Maximum credits that can be registered by a B.Arch. student of any semester (except ninth and tenth semesters) is the total credits of the concerned semester as per the relevant curriculum. However, students who are repeating failed courses/dropped courses along with regular courses shall be permitted to overload one course in addition to the normal credit for the semester. For students who are only repeating the courses/crediting the dropped courses or who are in ninth/tenth semester, the maximum number of credits that can be registered is 28. Also, students who have opted for the Minor program will be permitted to credit one course extra as part of such program from semesters 4 to 7.
- R.7.3 A student with a W grade in a core course, as per R.16, has to repeat it compulsorily, whereas a student with an F grade can either repeat it or appear for a Re-examination (REX), as per R.18. If the particular course is not available in the revised curriculum, then the student shall register for the approved equivalent course available. A student with W/ F grade in an elective course as per R.16 can either repeat the same elective course or register for a new elective course based on the advice of the FA.
- R.7.4 Registration for higher semester courses is permissible only after registering for all the remaining core courses from lower semesters that are being offered at the time, subject to the maximum number of credits permitted as per R.7.2
- R.7.5 B. Arch. students are allowed to register for courses from the PG programmes offered by the Institute during their final and pre-final year subject to permission from the DCC of the Department as:
- (i) OE, if the course is offered by other departments/schools
 - (ii) OE/PE, if the course is offered by the Department
- On the advice of the FA and permission from the course faculty, provided that their CGPA is 7.5 or above.
- R.7.6 Adding/ dropping a course(s) to/ from the initial registration is permitted only for valid reasons within the stipulated time as per the guidelines and procedure announced by the academic section.

- R.7.7 A student shall be eligible for registration and enrolment for a semester only if (i) the minimum requirement to continue the Programme as per regulation R.8 is satisfied, (ii) cleared all the dues in the Institute, Hostel & Library up to the end of the previous semester, and (iii) is not debarred from enrolment by disciplinary action of the Institute (iv) has completed the course feedback on the courses registered in the previous semester, as notified by the academic section (v) has paid all the tuition fees and all other relevant fees, if any, prescribed by the Institute.
- R.7.8 The Institute reserves the right to cancel the registration of a student to a semester subsequent to the registration if it is found that any of the conditions in R.7.7 were violated at the time of registration unless the initial registration was made with the explicit prior written permission from the Chairperson of the Senate.
- R.7.9 Students have to ensure from each course faculty that their names are included in the list of registered students at the beginning of the semester on the first instructional day itself. If the name is not included, students have to contact their FA.
- R.8 Minimum Requirements to Continue the Programme**
- R.8.1 A student admitted to the B. Arch programme in the first semester can continue up to the 10th semester, in ascending order, subject to the following conditions:
- (i) Registration to the Fourth year shall be permitted only after successfully completing all core courses prescribed up to and including the fourth semester within a maximum period of 8 semesters (4 years) excluding the temporary discontinuation granted as per R.10 if any.
 - (ii) Registration to the Fifth year shall be permitted only after successfully completing all core courses prescribed up to and including the sixth semester within a maximum period of 12 semesters (6 years) excluding the temporary discontinuation granted as per R.10 if any.
 - (iii) Successfully maintain registration to all the semesters.
- R.8.2 If the student fails to satisfy the conditions in R.8.1, the appropriate exit policy, as applicable for the credits earned by the students based on Institute norms, shall be applied.
- R.9 Maximum Duration of the Programme**
- R.9.1 The normal duration of the B Arch programme is Ten semesters (five years). However, a student may complete the Programme at a slower pace by taking more time, but in any case, not more than Twenty semesters (Ten years), excluding the semesters withdrawn on temporary discontinuation as per R.10.
- R.10 Temporary Discontinuation**
- R.10.1 A student may be permitted by the Dean (Academic) to discontinue temporarily from the Programme for a maximum of two semesters for reasons of ill health or other medical reasons, based on the recommendation from FA and HoD. For a break of study due to illness, all necessary medical reports and medical certificates from the doctor treating the student, giving definite reasons for the break of study and its duration, shall be produced. The medical certificate should be duly endorsed by the Institute Medical Officer. Before joining back, a fitness certificate from the doctor who treated the student, with endorsement from the Institute Medical Officer, has to be submitted. Such temporary discontinuation shall be allowed only twice during the entire duration of the Programme.

- R.10.2 The students desirous of initiating a start-up venture, shall submit their business proposal to the Centre for Innovation, Entrepreneurship & Incubation (CIEI) of the Institute through the DUGC and HoD concerned. The proposal shall be scrutinized by an Institute Level Review Committee for Innovation, Entrepreneurship and Startups (IRES) constituted by the Director. Based on the recommendation of the committee, the Director may approve the proposal for startup formation. Once the startup is registered, students concerned can submit an application to Dean (Academic) through DUGC, HoD and IRES Committee, if they require an academic break for their start-up activities.

Dean (Academic) will take appropriate action for temporary discontinuation based on the recommendation by the IRES committee. The academic break shall be given initially for one semester and further extensions will be given by the Dean (Academic) based on a review of the progress and recommendation by the HoD and IRES committee. Normally a student shall be permitted to discontinue temporarily from the programme for this purpose, only for a maximum duration of four semesters continuously or with breaks.

- R.10.3 In case of a change in the curriculum/ syllabi, a student has to register for the approved equivalent courses (meeting the credits) as per the revised curriculum/ syllabi as per the advice of FA whenever the student is allowed to continue the Programme after the period of discontinuation.

- R.10.4 Students proceeding for temporary discontinuation are required to maintain the Institute registration by paying the fees applicable for keeping the registration alive till they resume normal academic activities. Once they join back after temporary discontinuation, fees applicable for regular students shall be paid.

R.11 Discipline

- R.11.1 Every student is required to observe discipline and decorous behaviour both inside and outside the campus and not to indulge in any activities which shall tend to bring down the prestige of the Institute.

- R.11.2 Any act of indiscipline or misbehaviour of a student reported to the Dean (Academic)/ Chairman; Senate will be referred to the appropriate disciplinary committee for further action.

- R.11.3 The student who received punishment, if any, may appeal to the Chairman, Senate, whose decision shall be final & binding in all respects.

- R.11.4 Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student whose involvement in ragging is established shall be summarily dismissed from the Institute. In all cases of harassment of junior students by the seniors, the Institute level Anti-Ragging Committee will take appropriate decisions for immediate implementation by the Institute. Each student of the Institute, along with the parent, is required to give an undertaking in this regard, and the same is to be submitted at the time of registration.

R.12 Attendance and Leave

- R.12.1 Students are expected to attend all the classes for the courses they have registered for. The standard policy of the Institute is 80% attendance for any course. However, it is the prerogative of the course faculty to fix the attendance requirement for their courses without exceeding the 80% limit. The attendance policy of the course faculty

shall be announced to the students in the first class itself. It has to be later presented and approved in the first class committee meeting. If a student could not attend any of the classes due to medical issues or any other compelling reasons, leave application as detailed below needs to be submitted to the course faculty.

- (i) Application for any leave shall be submitted within five instructional days after returning from leave or, on or before the last instructional day of the semester, whichever is earlier.
- (ii) Application for leave on medical grounds must be supported with necessary treatment records for the period of leave applied for. It is expected that the student shall inform the course faculty before proceeding on medical leave under normal circumstances.

R.12.2 A student, whose attendance for any course registered in a semester is less than 80% or the limit prescribed by the course faculty, is not eligible to appear for the end semester examination for that particular course unless the shortage of attendance is condoned as per R.12.4. The percentage of attendance shall be calculated based on the number of classes conducted from the date of commencement of the semester as per the academic calendar except for first semester students. In the case of first semester students, it shall be counted from the date of admission of the student to the Institute or start of the classes, whichever is later.

R.12.3 Students whose attendance is less than 80% or the limit prescribed by the course faculty, for any course registered in a semester, shall be informed on the shortage of attendance on or before the last instructional day.

R.12.4 Those students with attendance less than 80% or the limit prescribed by the course faculty, for any course registered in a semester, will be eligible to get their shortage of attendance condoned and hence to appear for the end semester examination for that course only if the student apply for condonation subject to the following conditions

- (i) the attendance in that semester for the course concerned, without applying any condonation, is not less than 50% of the total classes handled for that course.
- (ii) attendance after applying the condonation for co-curricular/extra-curricular activities based on the approval granted by competent authorities (maximum limit is 10% of the classes handled by the course faculty) and the condonation on medical grounds is more than 80% or the limit prescribed by the course faculty.

R.12.5 If a specific attendance requirement is prescribed for a course, all requests for the condonation of shortage of attendance must be submitted to the corresponding course faculty. The course faculty shall examine such requests and supporting documents and take a decision on whether the shortage of attendance can be condoned or not, well before the date of the end-semester examination of the course concerned. In case the student has a grievance on the decision of the course faculty, an appeal can be made to the DUGC and the decision of this committee shall be final and binding.

R.12.6 Students who have enrolled to Centre for Career Development (CCD) of the Institute for internship/ placement related activities are eligible for duty leave upto a maximum of ten days per semester, subject to the actual absence from class for these activities. The attendance details on day / company basis shall be provided

by CCD, to the concerned departments/schools to verify the claims from the students.

R.13 Assessment Procedure

R.13.1 The Senate shall decide the assessment procedure from time to time. It shall be based on the system of tests, assignments, tutorials, presentations, quizzes, course projects, drawings, reports, etc. and the end-semester examinations in each course in each semester.

R.13.2 A minimum of one mid-semester test with a minimum duration of 90 minutes is mandatory for lecture-based courses and for courses where lectures are clubbed with practicals, drawings, projects, etc. The number of assignments, tutorials, presentations, quizzes, course projects, reports, etc., shall be decided by the course faculty.

R.13.3 There shall be an end-semester examination with a minimum of two hours duration for each lecture-based course and for each course where lectures are clubbed either with practical or drawing or projects etc. The end-semester examination is not mandatory for laboratory/practical courses.

R.13.4 The weightage for various evaluation components shall be finalized by the course faculty with the approval of class committee.

R.13.5 The method of assessment for laboratory/practical courses, shall be based on tests and the performance of students in the regular laboratory/practical/drawing classes and will be decided by the course faculty. This will be finalized by the course faculty with the approval of class committee.

If the end-semester examination is planned for a laboratory/practical course, it shall be conducted before the last instructional day with a maximum of 30%.

R.13.6 The evaluation policy of courses offered as part of Activity Credits (AC), shall be finalized by the instructor concerned in consultation with the Dean (Academic).

R.13.7 End semester Examination for Architectural Design Courses will be conducted by a panel of examiners with Design studio in charge as the internal examiner and one or more experts from reputed institutes/industry as external examiner/s.

The panel of examiners will be constituted by the HoD in consultation with the respective Class Committee.

R.14 Make-up Examination

R.14.1 Students who miss the mid semester or end-semester examinations due to ill-health requiring hospitalization /physical indisposition with inability to move or any other compelling reason judged to be valid by the FA/HoD, are eligible for make-up examinations. Requirement of hospitalized treatment is not applicable in the case of contagious disease like chicken pox. Make-up examination for the mid-semester component shall be conducted based on the mutual convenience between the students and course faculty during the semester. The make-up examination for the end-semester component shall be conducted along with the re-examination (REX) as per R18. Students appearing for make-up examination will not be permitted to appear for REX for the same course.

R.14.2 Those who miss mid semester or end semester examination in a course shall apply to the HoD concerned through FA within five instructional/ working days after the missed mid semester/end semester examination or before the prescribed date

indicated in the academic calendar whichever is earlier, giving the reasons/proofs for the absence. Applications received after this period will not be entertained.

Students applying for make-up examination due to medical reasons must produce a medical certificate (as the proof for absence) from a Registered Medical Practitioner certifying that the student was admitted to hospital during the period of examination or the student was not in a condition to write the examination.

All applications for make-up examinations when approved by the HoD, the FA shall inform the same to the course faculty concerned. The list of students permitted to appear for the make-up examinations for the mid semester and end-semester examinations shall be published by the department/school.

- R.14.3 Make-up examinations for mid semester and end semester examinations shall be conducted by the course faculty concerned and incorporate the marks of the relevant make-up examinations, finalise the results of the students to whom 1 grade was awarded as per R.16 (in case of end-semester make-up examination) and report the results to HoD/ Dean (Academic) through the Chairperson of the Class Committee with appropriate entries in the Institute IMS.

R.15 Thesis/Seminar

- R.15.1 The Thesis in the B Arch curriculum is an individual work on a design topic approved by the Department. The Thesis Coordinator will decide on the method of assessment/evaluation, and will be announced in the class committee.

The End semester Jury Examination for the Thesis will be conducted by a panel of examiners consisting of thesis coordinator as the internal examiner and one or more experts from reputed institutes/industry as external examiner/s. The panel of examiners will be constituted by the HoD in consultation with the Class Committee.

Research seminar as per the curriculum shall be prepared and presented by individual students. The Seminar coordinator will decide on the method of assessment/evaluation, and will be announced in the class committee. The final assessment of the Seminar will be conducted by a panel of examiners within the Department.

- R.15.2 On completion of the Thesis/Research seminar, the student shall submit a report in the prescribed format to the Department. The number of copies and the format will be as per the Department guidelines. A soft copy of the report shall be submitted to the Institute Digital Library.

- R.15.3 Students are expected to make serious efforts to do the Thesis/Seminar to attain tangible outcomes such as publications, patents and copyrights.

R.16 Method of Grading

- R.16.1 Based on the semester performance, each student will be awarded a final letter grade for each course, where the letter grades will correspond to the grade points as shown below.

Grade	Grade points
S	10
A	9
B	8

C	7
D	6
E	5
F (Failure to credit the course)	0
W (Insufficient attendance)	0
I (Incomplete assessment)	0

A student is considered to have credited a course or earned credits in respect of a course when a grade other than F, W or I is secured for that course.

- R.16.2 After the evaluation of all the interim assessments and the evaluation of the end-semester examination, the total marks secured (out of 100 marks) by students shall be tabulated by the Course Faculty. The Course Faculty shall then decide the range of marks for various letter grades (S, A, B, C, D, E and F) and award the grades to the students in the course accordingly. One or more class committee meetings without the student members shall be held before the date fixed for the declaration of results as per the academic calendar, and the letter grades awarded to the students by course faculty for various courses shall be scrutinized and finalized, with appropriate entries in the Institute IMS. The Chairperson of the CC shall then submit the verified and signed copy of the final results to the HoD for forwarding to the Dean (Academic). One hard copy of consolidated results shall be kept in the Department for reference and records.
- R.16.3 Grade I (English Alphabet I) will be awarded by a course faculty to a student in a course as an interim grade when the assessment of the student in that course stands incomplete due to certain valid reasons like eligibility for a make-up examination. Once I grade is awarded to a student, the concerned course faculty shall ensure that it will be converted to a final grade before the next academic session (Monsoon/Winter). The same shall be informed to the academic section through the Chairperson, CC and HoD.
- R.16.4 Students whose attendance is less than 80% for a course in a semester will be awarded the letter grade W for that particular course, irrespective of the marks obtained for that course, unless their shortage of attendance is condoned as per R.12.4.
- R. 17 Declaration of Results**
- R.17.1 Semester results will be published on the date fixed for the declaration of results as per the academic calendar.
- R.17.2 The final results of students with an I grade (awarded as per R.16.3) will be published after the make-up examination.
- R.18 Re-examination**
- R.18.1 A student who earns F grade for a theory course in a Monsoon or Winter Semester can appear for a Re-examination (REX) which will be conducted immediately after the declaration of the results of the semester or repeat the course when it is offered next time. REX shall be conducted for 100% marks covering the entire syllabus of the course. The maximum grade eligible to receive by a student for the REX shall be "E". Dean (Academic) shall issue notices regarding the mode of application for the same, prescribed examination fee per course, mode of fee payment, etc.

- R.18.2 In case, a student gets F grade again in REX, the course has to be repeated when it is offered next time. However, in the case of elective courses, alternative elective courses can also be chosen.
- A student who earns an F grade in Architectural Design course in the Monsoon or Winter semester after appearing for the end-semester jury examination can apply for Architectural Design Re-Examination (ADREX) during the succeeding summer vacation.
- The ADREX will be conducted as a time-bound Design Examination with manual drawing outputs. The duration & complexity of the examination will be based on the respective syllabus and will be decided by the Design studio in charge in consultation with the class committee.
- R.18.3 The maximum grade a student can earn after appearing for ADREX will be "E". ADREX will not be available for ninth semester Architectural Design Studio course.
- A student shall be eligible for ADREX only twice during the entire duration of the Programme. The FA shall keep a record of the ADREX availed by the student.
- R.18.4 Separate grade cards will be issued for the Re-examination (REX).
- R.19 Re-evaluation of Answer Script**
- R.19.1 If a student has any grievance about the grade in a Lecture/Lecture cum Laboratory-based course, the course faculty concerned can be contacted within five working days after the publication of the results or the commencement of the immediately succeeding semester, whichever is earlier. The end-semester examination answer scripts shall be shown to the student by the course faculty. If it is felt that the case is genuine, the faculty shall revalue the answer script provided the student submit a request through FA and HoD. The revised grade if any shall be forwarded to the Dean (Academic) through the Chairperson of the CC and HoD of the Department with proper justification for the revision. The course faculty shall ensure that the decision on the request is communicated in writing to the student within a week if there is no change in the published results.
- R.19.2 If the student is not satisfied with the decision of the course faculty, an appeal can be submitted to the Dean (Academic) through FA and HoD for re-evaluation of the answer scripts by another faculty along with the receipt for the payment of the prescribed re-evaluation fee within ten working days on receipt of the communication from the course faculty as per R 19.1. Dean (Academic) may arrange for the re-evaluation of the answer scripts by another faculty member from a panel of a minimum of two examiners proposed by the HoD of the Department/School/Centre offering the course. Once the result of the re-evaluation of answer scripts is intimated by the faculty who conducted the re-evaluation to the Dean (Academic), the results obtained on re-evaluation will replace the earlier results if the difference is more than 5% of the maximum marks. Requests received for re-evaluation after the stipulated time shall not be entertained. The result after this re-valuation shall be final and no further appeal shall be permitted. Revaluation of answer script is not permissible in REX and contact courses.
- R.20 Grade Point Average**
- R.20.1 The performance of a student in a semester is indicated by the Semester Grade

Point Average (SGPA), which is given as

$$SGPA = \frac{\sum(C \cdot GP)}{\sum C}$$

where C is the number of credits for a course, GP is the grade point scored by the student for that course, and the summation is over all the courses registered by the student in the relevant semester.

- R.20.2 The performance of a student up to and including a particular semester is indicated by the Cumulative Grade Point Average (CGPA), which is given as

$$CGPA = \frac{\sum(C \cdot GP)}{\sum C}$$

where C is the number of credits for a course, GP is the grade point scored by the student for that course, and the summation is over all the courses registered by the student up to and including the relevant semester, excluding the credits for activity points.

- R.20.3 The CGPA is not convertible to a percentage. However, notionally the CGPA may be multiplied by a factor of 10 to obtain a numerical percentage.

R.21 Class/ Division

- R.21.1 Class/ Division awarded by the Institute shall be based on CGPA as follows.

First Class with Distinction: $CGPA \geq 7.5$

First Class: and above: $7.5 > CGPA \geq 6$ and

Second Class: $6 > CGPA \geq 5$

R.22 Slow-pace Learning

- R.22.1 Courses to be normally registered in each semester are specified in the curriculum. However, a student may register for a lesser number of credits than specified in the curriculum subject to satisfying R.8 and R.9 if the student wishes to have a lesser number of courses to study in a semester, with the approval of FA.

R. 23 Contact Course

- R.23.1 Contact course refers to an accelerated course where the entire classes and examinations related to a course shall be completed in 30 to 45 days.

- R.23.2 At the end of final semester, if a student has completed all the courses prescribed in the curriculum except one course after the publication of REX results, an application for contact course can be submitted for the approval of Dean (Academic) through DUGC and HoD provided:

- (i) A faculty member is willing to offer such a course with a prescribed course plan and evaluation policy
- (ii) Student remits the prescribed fees for the same to the Institute

- R.23.3 The maximum grade eligible to receive by a student for the contact course shall be "C".

R.24 Transfer of Credits

- R.24.1 Within the broad framework of these regulations, the Dean (Academic), on the recommendation of the DUGC and DCC, may permit students to earn part of the credit requirements in other approved Institutes of repute and status in the country or abroad. In other exceptional cases, the Chairman, Senate may approve admission for the candidates with advance credits earned from other approved Institutes of repute and status in the country or abroad, recommended by the DUGC and DCC. The appropriate credit mapping in the above cases will be done by Dean (Academic) based on the recommendations from DUGC & DCC.

R.25 Eligibility for the Award of B.Arch. Degree

- R.25.1 A student becomes eligible for the award of the B.Arch. Degree when the student has
- (i) Credited all the core courses in the relevant B. Arch curriculum within the stipulated time,
 - (ii) Acquired the category-wise minimum credits and activity points in the B. Arch curriculum
 - (iii) No dues to any departments/ sections of the Institute, including hostels, and
 - (iv) No disciplinary action is pending

The award of the Degree shall be recommended by the Senate and approved by the Board of Governors of the Institute.

R.26 Power to Modify

- R.26.1 Notwithstanding all that has been stated above, the Senate has the right to modify any of the above regulations from time to time.

Glimpses of NITC

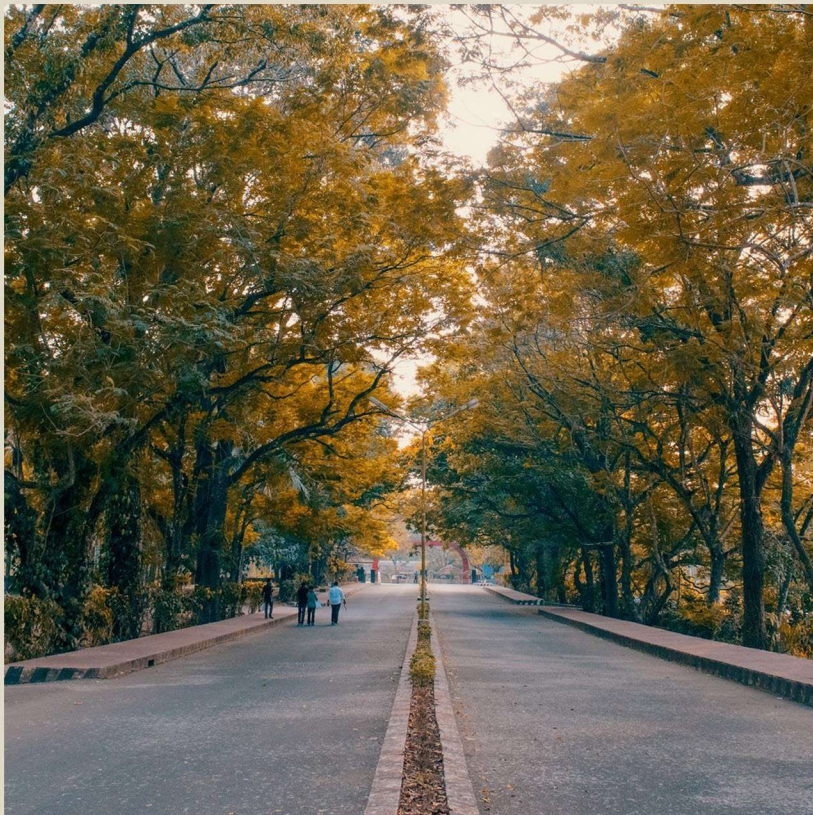


Glimpses of NITC



Credits: Farhaan Izaaz, Muhammad Rabeeh VP, Luke Punnen Thomas , www.nitc.ac.in

CREATIVE CONTRIBUTIONS



Members

Dr. Chithra K.
Associate Professor
Department of
Architecture and Planning

Dr. Sanil Kumar
Assistant Professor
Department of
Architecture and Planning

Gladwin Shoby
Gokul GS
Akash B



राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट
National Institute of
Technology Calicut

(Institution of National Importance under NITSER Act, 2007)

NIT Campus P.O., Kozhikode - 673601, Kerala, India
Phone +91-495-2286101 | www.nitc.ac.in

A publication of Centre for Public Relations, Information and Media Exchange (C-PRIME)