

INFORMATION BULLETIN

2020-21



National Institute of Technology Calicut

Institution of National Importance under NIT Act, 2007

N.I.T. Campus P.O., Calicut – 673601, Kerala, India

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www.nitc.ac.in

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National Institute of Technology Calicut

Institution of National Importance under the Ministry of HRD, Govt. of India

Profile of the Institute

INTRODUCTION

National Institute of Technology Calicut (NITC) is one of the premier national institutions for technical education in India. This was originally established in September 1961 as "Calicut Regional Engineering College (CREC)", jointly by the Government of India and the Government of Kerala. The Ministry of Human Resource Development (MHRD), Government of India elevated CREC to a Deemed University under the name National Institute of Technology Calicut in June 2002. NIT Calicut is an academically autonomous Institute of National Importance fully funded by the Government of India and is administered by the NIT Act, MHRD, Govt. of India. 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 policy making body, while the Institute's governance is vested with a Board of Governors. Institute's senate is the authority in academic matters. Chairman of the Board of Governors is nominated by the visitor. NITC offers academic programmes leading to B.Tech., B.Arch., M.Tech., M.Plan., M.Sc., MBA, MCA, and Ph.D. degrees in various disciplines. NITC is a recognised Quality Improvement Programme (QIP) Centre for offering M. Tech. and Ph.D. programmes for teachers of Engineering Colleges & Polytechnics. The institute is a recognized research institution for pursuing research work leading to Ph.D. degree under National Doctoral Fellowship Scheme. NITC has well qualified faculty and dedicated supporting staff. Apart from teaching, NIT Calicut is engaged in a wide spectrum of activities covering research and development, industrial consultancy, continuing education to faculty & staff, and community development.

ADMINISTRATION

Director in Charge	Dr. P.S. Sathidevi
Deputy Director	Dr. P.S. Sathidevi
Registrar	Lt. Col. Pankajakshan K. (Retd.)
Dean (Academic)	Dr. Saly George
Dean (Planning and Development)	Dr. P S Sathidevi (Addn. Charge)
Dean (Research and Consultancy)	Dr. Ashok S
Dean (Faculty Welfare)	Dr. Chandrasekharan K
Dean (Students Welfare)	Dr. S. D. Madhukumar
Dean (Alumni Affairs and International Relations)	Dr. Jeevamma Jacob
Head of Departments/Schools	
Architecture and Planning	Dr. P. P. Anil Kumar
Chemical Engineering	Dr. Aparna K
Chemistry	Dr. Sujith A

Civil Engineering	Dr. P. V. Indira
Computer Science & Engineering	Dr. Muraleekrishnan K.
Electrical Engineering	Dr. Rijil Ramchand
Electronics & Communication Engineering	Dr. Deepthi P. P.
Mathematics	Dr. Satyananda Panda
Mechanical Engineering	Dr. Jose Mathew
Physics	Dr. Aji A Anappara
Training Placement	Dr. S. M. Sameer
Physical Education	Mr. Sunil M. S.
School of Biotechnology	Dr. Suchithra T.V.
School of Management Studies	Dr. T. Radha Ramanan
School of Materials Science and Engineering	Dr. V. Sajith

Associate Deans

Academic	Dr. Sindhu T. K.
Academic	Dr. Raghu C. V.
Planning and Development	Dr. Gopakumar G.
Planning and Development	Dr. Krishnamurthy K.
Research and Consultancy	Dr. Arun P.
Faculty Welfare	Dr. P.K. Madhavan Unni
Students Welfare	Dr. Mohammed Firoz. C
Alumni Affairs and International Relations	Dr. Shijo Thomas

Chairman/Chairperson

Postgraduate Admissions	Dr. Sreelekha G
Undergraduate Admissions	Dr. Sunil Jacob John
Education Technology and Library	Dr. Raghu Chatanathodi.
Internal quality assurance cell	Dr. C. Muraleedharan

Chief Warden

Professor & Head (Training and Placement)

TEQIP Coordinator

Deputy Chairman / Chairperson

Postgraduate Admissions	Dr. Murali K. P. & Dr. Vineesh Ravi
Undergraduate Admissions	Dr. Sunil Kumar T. K.
Education Technology and Library	Dr. Vinay V. Panicker

SC/ST Liaison Officer	Dr. T. M. Madhavan Pillai
Deputy Registrar (Academic)	Mr. Gejo C.V.
Officer on Special Duty (Stores and Purchase)	Mr. K M Muralikrishnan
Officer on Special Duty (Audit)	Mr. Cyril E. K.
Librarian (i/c)	Smt. Sobhana J
Assistant Registrar (Establishment)	Ms. S. Sreedha
Assistant Registrar (Finance)	Mr. Ashok Kumar Dev
Assistant Registrar (Administration)	Mr. S. Saravanan
Assistant Registrar (Stores and Purchase)	Dr. Asha Gopalan

LOCATION

Set in a picturesque landscape at the foothills of the Western Ghats, NIT Calicut is located about 22 kilometers north-east 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 the 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.

The campus of National Institute of Technology Calicut stretches over a length of about 1.5 km along the *Calicut-Mukkam* Road, extending over an area of approximately 120 hectares. NITC is connected with Calicut city by KSRTC Buses (towards *Mukkam*) starting from KSRTC Central Bus Station and by Private Buses starting from Corporation Bus Station, *Palayam* (near Calicut Railway Station). Taxi and auto-rickshaws are available from Calicut Railway/Bus Station to NITC. The nearest airport is at *Karipur* near Calicut, which is 45 kms from the Institute. One can reach the campus by car from Kozhikode International Airport in approximately 45 minutes. Kozhikode railway station is 23 kilometers away. Local buses are available frequently for commutation between campus and the main city.

INFRASTRUCTURE FACILITIES

The Institute has a well-equipped library, a computer centre, lecture hall complexes, various laboratories in different departments, workshops, and hostels for accommodating about 6000 students, health care centre, and adequate facilities for sports, games and co-curricular activities. The institute has a guesthouse, with A/C and non A/C rooms, for the guests of the institute, including alumni and parents of the students. To provide service to the residents, the campus also accommodates a branch of State Bank of India, Post Office, Canteen and Co-operative Store.

Education Technology and Library

Education Technology & Library (ETL) consist of 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 in 1961. Central Library is having a floor of 1490 m². It has a very good collection of more than one lakh technical/scientific books. Central Library offers its services to more than 8,000 users comprising of undergraduate, postgraduate students, research scholars,

faculty and employees from various Departments of the Institute/ Centres/Sections. The services of the Central Library are fully automated using KOHA, and the entire collection is accessible throughout the campus. Using KOHA OPAC, users can search the online library catalogue by Author, Title, Subject and Keywords. The library management software along with existing campus-wide intranet imparts the following features:

- Automated front-desk operations.
- Campus-wide online access, catalogue access.
- RFID-based automated collection/bar-coded user identification.

Central Library subscribes reputed International Journals and Indian Journals in online and print forms. The Digital Library, 'NALANDA' provides online access to more than 6000 electronic journals in various Engineering and Science disciplines. NALANDA hosts many electronics data bases in its servers. As a member of the Shodh Sindhu Consortium under the Ministry of Human Resource Development, GOI, NALANDA promotes the use of e-journals and e-books for advanced research and learning in the Engineering and Science Education. Major online resources are journal/magazine/ conference records/standards of IEE, IEEE, Springer, ASME, ASCE, and ACM Digital Library core packages. Online access to study materials is available through a local copy of NPTEL. Resources like CMIE, ACE Analyzer, Eikon, Grammarly, Knimbus, Emerald, J Gate, Scopus, and Web of Science are available to the NITC community through the digital library. Library also subscribes to plagiarism checker - Turnitin. The digital library is developing the NITC resources by collecting and indexing the students' project reports/theses through an ETD run with DSpace, which also houses the national and international standards. Eduserver - running in the Digital Library - hosts the moodle platform for online course management. E-books from Wiley, Springer and Pearson are also made available.

Digital Library reading room housing about 50 computer terminals provides exclusive access to online resources. All resources are available throughout the campus from <http://www.library.nitc.ac.in>.

There is a separate section for SC/ST students, funded by the Institute as well as Kerala State Govt. Scheduled Caste Welfare Department.

An air-conditioned study room, with CCTV surveillance, is functional for the Institute's user community. Here users are permitted to bring their personal books, laptops and other study materials for self-study.

The Central Library also houses a Reprographic section which consists of a Graphic Studio, Offset press and a Binding Section. These sections cater to the related needs of the Institute.

Working Hours:

Library remains open from 8 am to 11 pm on all working days. It remains closed on Sundays and Institute holidays. Working hours of Study Room are from 9 am to 11 pm on all days, including holidays.

NITC Central Library offers a powerful combination of traditional resources, sophisticated technology, and well-designed spaces to support learning, teaching and scholarship, along with friendly and knowledgeable staff to assist in using these tools and collections.

Eduserver

This will provide a facility for faculty to offer common and additional online topics/subjects as the part of the curriculum including on-line tutorials, evaluation and simulation etc.

Central Computer Centre

Central Computer Centre (CCC) is the central facility in NIT Calicut which caters for the computing requirements of the whole community of this institution. The centre has state of the art infrastructure with four fully operational terminals spanning over three floors of the building. Decision Support System (DSS) of the institute also operate from the Centre building. The Centre has 190+ client machines and has a capacity to include 400+ machines. Client systems are of both desktop and workstation genre. Desktops contain DELL OPTIPLEX 755 and 7010 series which are of adequate performance and workstations contain HP XW4550 and DELL Precision series machines which are capable of more than handling high-end production and design level applications. CCC hosts some of the high-end servers and a parallel processing cluster machine. Servers include DELL PowerEdge T620 which has a dual Hexa-core processor and HP ProLiant Rack server which has a dual quad-core processor.

A state of the art Super Computing Facility with 20 Tera FLOPS computing power meet the research needs of the Institute. The facility can be accessed by all the departments and schools anywhere in the campus through networking. The centre possesses a bundle of software, packages and OS for diversified applications. Some of the numerous applications which support academic and creative needs of the student are ANSYS, MATLAB, Adobe Suite, etc. Computers in the CCC are loaded with Windows and Linux operating systems for convenience and centralized authentication is provided for both. Students are mandated to follow strict classroom discipline inside the centre. Centre is fully air-conditioned and has UPS power backup for the whole setup. The Centre works 17 hours a day (7 am – 12 midnight), 7 days a week, except national holidays unless instructed otherwise.

Campus Networking Centre

The Campus Networking Centre (CNC) is the central facility providing the software, hardware and networking support to the entire student and staff community of NITC Campus. CNC manages internet connectivity (both wired and wireless), Institute website and IP phones. The campus is interconnected with about 30 kms of fibre optic backbone network with 80 routed internal networks, managed by the Unified Threat Management System. The centre is equipped with Firewall, Routers, Domain Name Server, Web Server, Proxy Servers and IP phone server, etc. Presently the network is served by 1Gbps of Internet connectivity provided by BSNL under NKN scheme of MHRD and 12 Mbps by RELIANCE. The Institute Website is managed by CNC. CNC functions on a 24x7 basis, 365 days without any holidays. IP phones are installed in all Academic and Administrative sections. The IP Phones and IP Phone server are also implemented, configured and managed by CNC.

Hostels

There are eleven hostels for men and two hostels for women. The total capacity of all hostels currently available is more than 6000. All the hostels have Common room and Recreational centre where, newspapers, magazines, TVs and indoor and outdoor sports/ games facilities are available. Guest room facilities are available in each hostel for the relatives/guests of hostel inmates on chargeable basis. Twenty-four hour internet and computational facilities are available in almost all hostels; it is getting extended to other hostels too. A new mega hostel for boys is getting ready for occupation. Twenty four hours of water and electricity supply is ensured in all the hostels. Mini canteen, Milma, Amul kiosks, DTP centre, Co-operative store, Book centre, Laundry, etc., are functioning in the Students Activity Centre functioning near the Hostels.

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 boys are allowed to join any of the messes of their choice.** However, dining from any one of the messes with in 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. To provide a calm and favourable environment for the students, the inmates of hostels are strictly instructed to follow the code of conduct of NITC Hostels.

The ladies hostel has facilities like ladies gym, stitching and tailoring centre, hostel library, indoor sports centre, DTP centre, Ice cream shop, Co-operative store, etc. A night canteen and an Amul kiosk function in Ladies hostel as well.

Hostel Fee:

One Time fee for all PG (M.Tech./M.Plan./ MCA/ M.Sc/MBA.) & Ph.D. Programmes

Sl.No	Description	Amount (in Rupees)
1	Cost of Application Form	500/-
2	Hostel Amenities fund (Non-Refundable)	4500/-
3	Caution and Furniture Deposit (Refundable at the end of the Programme on the production of Non-Liability Certificate)	10000/-
Total		15,000/-

Note:

- 1. Hostel room rent/electricity/water/mess and other establishment charges are payable on a monthly basis. However, parents/ students can pay an amount of Rs.20,000/- (Rupees twenty thousand) at the beginning of every semester as an advance. If found deficient, parents/ students will be informed to pay the balance. If found excess, the balance amount will be carried over to the next semester.*
- 2. The financial requirements given above are subject to change.*

Hospital & Healthcare Facilities

Medical care offered by the Institute at its own Health Centre has 10 beds and a clinical laboratory for routine biochemical tests. There are two medical officers - a Lady Medical Officer and two Resident Medical Officer - and qualified nursing staff to look after the health needs of the campus residents. Institute, through insurance firms, offer a mediclaim policy for the students which offer up to Rs. 1, 00,000 for hospitalization for a nominal premium paid by the students.

Banking and Postal Facility

A fully computerised branch of the State Bank of India (SBI) with networked ATM and internet core banking facility functions within the campus. The bank also extends financial support in the form of loans for meeting the educational expenses of students. A Post Office with value added facilities like Speed Post functions within the campus.

Mobile Communication Services

All major service providers provide mobile phone coverage in the campus. BSNL Telephone Exchange also is functioning inside the campus.

Engineering Unit

The construction, renovation and maintenance of buildings, compound wall, laying of roads, water supply, allotment of residence, campus electricity distribution and maintenance etc. are carried out by the Engineering Unit.

Guest House

Guest house facility is available in the campus for the guests of the Institute which is extended to relatives of staff and students based on specific requests.

Transportation Facility

The Institute provides facility for transportation to the city by operating bus services for the campus community in the morning and evening. Bus facility is also provided during lunch-break from the East campus towards ladies hostel area. In addition, vehicle service is provided at frequent intervals connecting various locations in the campus for the benefit of the students.

OTHER FACILITIES

Apart from those mentioned above, there are many facilities provided in the campus aimed at improving the academic environment in the campus and also for the holistic development of the students.

Student Guidance Cell

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. SGC also provides academic support in the form of special classes for students. The formation of SGC was based on the feedback from graduated students of the Institute who stressed on the need to have a facility to counsel and motivate the students. SGC helps the students to function better in all domains of life – academic, social, personal and psychological. The motive behind SGC stems from

the need to facilitate the process of growth and maintain the positive well-being of the students. The counselling services offered by SGC empowers the students to have enhanced the ability to solve problems, make decisions, as well as, make them more efficient in tackling personal problems. In a nut shell, it is aimed at enhancing their ability to utilize to the best, the potential available in them. The SGC avails the help of two trained clinical psychologists who are available in the institute.

The Clinical Psychologists are available in **Room No MB 204** (Old admission room in Main Building) as per the following timings:

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

Centre for Value Education (CVE)

NIT Calicut gives its students a unique opportunity to engage in activities that promote human values. A one-credit course on value education is an academic requirement in the NIT curriculum.

Physical Education and Sports

NIT Calicut, true to its objective of "total fitness in the campus" has rightly included Physical Education in the UG curriculum, which is designed to orient the fresh batch of students to the basic need for health-related physical fitness through sports and to compulsorily participate in a 1-Credit Course in Physical Education. The Institute offers the students all major infrastructure including 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 level of competition like the Inter-university, Inter-NIT and State tournaments.

National Service Scheme

NIT Calicut has a National Service Scheme Cell operating under the Kerala State NSS Cell, with four NSS units. Volunteers are encouraged to take up socially relevant activities outside the campus, specifically in the Chathamangalam Panchayath adopted by the Cell. NSS is part of the UG curriculum and every student has to successfully undergo a one-credit NSS programme before he or she enters the fifth semester.

Technical Education Quality Improvement Programme

Technical Education Quality Improvement Programme (TEQIP) is the Scheme of Government of India through which the selected institution shall be getting financial assistance for modernisation and academic reforms.

Centre for Transportation Research

The Centre for Transportation Research (CTR) was set up in 2013 with funding by Ministry of Human Resource Development under scheme "Establishment of 50 centres of excellence for Training and Research in Frontier Areas of Science and Technology scheme" (FAST scheme). The mission of Centre for Transportation Research is to improve the quality of life in our community, region and nation through leadership and excellence in transportation research, education and

outreach using all the resources and strong partnership with government and industry. The CTR carries out research, training, testing and public awareness programmes in various aspects of transportation engineering.

STUDENTS AFFAIRS COUNCIL (SAC) AND CO-CURRICULAR 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 in the campus. The most prominent role of the Students' Council, however, is its endeavor 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 of SAC. Presided over by the General Secretary, it also addresses the grievances of the student community and works for their welfare. It also comprises of 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 which tackles the issues under his/ her domain.

The SAC organizes various cultural and technical events through different clubs and forums and also 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.

TRAINING AND PLACEMENT

The Institute has a Centre for Training & Placement which looks after the training/internship for the students, their placement on graduation and for partnership with industry.

TECHNOLOGY BUSINESS INCUBATOR

A Technology Business Incubator (TBI) with the assistance from Department of Science and Technology, Government of India has been established. TBI helps in incubating knowledge-based start-ups into sustainable business providing necessary infrastructure and guidance.

DISTINGUISHED ALUMNI

A vast majority of the former students have made a lasting impact in the professional areas such as academics, administrative services, research laboratories, government departments and private industries. A strong network of alumni thrives in India, as well as, in foreign countries.

PARENT TEACHER ASSOCIATION OF NIT CALICUT (CREC PTA)

CREC Parent -Teacher Association, had originated as a charitable society keeping the objective of developing the educational, cultural, and training activities of students who are admitted in CREC (presently NIT Calicut) on no profit not loss basis. At present, Dr. Saly George, Dean (Academic), Dr. Shiny Joseph, Professor, CHED and Dr. Dhanya Ram V., Asst. Professor, CHED are nominated as the President, Secretary, Joint Secretary cum Treasurer, respectively. Some of the major activities of the PTA include the following:-

- Financial assistance to meritorious students requiring financial support
- Silver Jubilee Endowment Trust Scholarship for needy students

- Cash awards for gold medalists from all branches of study
- Travel support for Students for presenting papers in International Conferences held in India
- Organizing department level Parent Teachers Meetings and Annual GBM during every year
- Supporting cultural & technical festivals organized by Students & Staff of NIT Calicut.
- Financial support to the student volunteers in Central Library.

More details of CREC PTA can be found in the website: <http://www.nitc.ac.in/crecpta>.

Email id: crecpta@gmail.com. Phone number: 04952286126

PROGRAMMES OF STUDY

Under graduate Level - B.Tech. Programmes (4 years - 8 semesters)

- Biotechnology (BT)
- Chemical Engineering (CH)
- Civil Engineering (CE)
- Computer Science and Engineering (CS)
- Electrical & Electronics Engineering (EE)
- Electronics & Communication Engineering (EC)
- Engineering Physics (EP)
- Materials Science and Engineering (MT)
- Mechanical Engineering (ME)
- Production Engineering (PE)

Under graduate Level - B. Arch. Programme (5 years - 10 semesters)

Recognised by the Council of Architecture

Post graduate Level

M.Tech./M.Plan. Programmes (2 years - 4 semesters)

Department/ School	Programme	Programme Code
Architecture & Planning	Urban Planning	AR61
Civil Engineering	Structural Engineering	CE61
	Traffic & Transportation Planning	CE62
	Offshore Structures	CE63
	Environmental Geotechnology	CE64
	Water Resources Engineering	CE65
Chemical Engineering	Chemical Engineering	CH61
Computer Science & Engineering	Computer Science & Engineering	CS61
	Computer Science & Engineering (Information Security)	CS62
Electronics & Communication Engineering	Electronics Design & Technology	EC61
	Microelectronics & VLSI Design	EC62
	Telecommunication	EC63
	Signal Processing	EC64
Electrical Engineering	Instrumentation & Control Systems	EE61
	Power Systems	EE62
	Power Electronics	EE63
	Industrial Power and Automation	EE64
	High Voltage Engineering	EE65
Mechanical Engineering	Industrial Engineering and Management	ME61
	Thermal Sciences	ME62
	Manufacturing Technology	ME63
	Energy Engineering and Management	ME64
	Materials Science and Technology	ME65
	Machine Design	ME66
Materials Science and Engineering	Nanotechnology	MT61

M.Sc. Programmes (2 years - 4 semesters)

Department	M. Sc. Programme	Programme Code
Mathematics	Mathematics	MA62
Physics	Physics	PH62
Chemistry	Chemistry	CY62

MCA Programme (3 years - 6 semesters)

MBA Programme (2 years - 4 semesters)

Ph.D. Programmes: Engineering branches, Architecture, Planning, Mathematics, Physics, Chemistry and Management.

STUDENT DISCIPLINE

It is necessary that the Institute should cultivate higher values of honesty, integrity, responsibility, mutual respect for persons, and property and respect for human rights among its students. In order to achieve the same, the institute has a 'STUDENTS' CONDUCT AND DISCIPLINARY CODE 2007' (Annexure III), approved by the senate and is available in the following link http://www.nitc.ac.in/app/webroot/img/upload/Students_code_9th_Octo_07.pdf,

All the candidates getting admitted to the institute and their parent/ guardian are required to give an undertaking to the effect that the students would strictly adhere to the "STUDENTS' CONDUCT AND DISCIPLINARY CODE 2007" during his/her period of stay in the institute.

Ragging is prohibited as per the decision of the Supreme Court of India in Writ Petition No. (C) 656/ 1998. Anybody found to be indulging in ragging will be severely punished which includes expulsion from the institute.

National Anti-Ragging Helpline (UGC) - 24x7 Toll Free Number- 1800-180-5522. E-mail: helpline@antiragging.in

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

ADMISSION TO MCA PROGRAMME

INTRODUCTION

The Master of Computer Applications (MCA) programme is offered by the Computer Science and Engineering Department of NITC. This is a three-year programme with one full semester devoted to project work. In addition to the core courses in Computer Science covering the basic knowledge areas, there are courses from Mathematics, Management and Humanities, which enable the students to acquire the required skills for a successful career. The elective courses offered in the emerging areas give them an opportunity to be in the forefront of technology and applications. Ample stress is given on software principles and practices to help them excel in their profession. The single-semester individual project is expected to give the student an experience to tackle a problem from its specification through design, implementation and testing, to possible deployment and maintenance planning.

All the candidates except Foreign Nationals seeking admission to MCA programme are selected based on their rank in the All India NIT MCA Common Entrance Test (NIMCET 2020). This year NIT Raipur is the coordinating Institute for NIMCET-2020.

ELIGIBILITY FOR ADMISSION TO MCA PROGRAMME

Indian Nationals securing at least 60% marks in aggregate or 6.5 CGPA on a 10-point scales (55% marks or 6.0 CGPA on a 10-point scale in case of SC/ ST/PWD) in

(i) B.Sc./ B.Sc. (Hons)/ BCA/ BIT/ B.Voc.(Computer Science/ Computer Applications) of minimum three years full-time from a recognized University with Mathematics/Statistics as one of the subjects

OR

(ii) B.E./ B.Tech. from a recognized University are eligible to appear for NIMCET. Conversion of scored marks from CGPA to percentage and vice-versa is not permitted. (CGPA other than 10-point scale will be converted to 10-point scale based on Unitary method)

* *The percentages of marks in qualifying degree are to be calculated on the basis of marks obtained in all the subjects studied in all the years including languages, optional and additional subjects studied, if any.* The aggregate of all the subjects in all the years computed using this method of calculation alone be considered by NIMCET for deciding eligibility.

M. C. A.											
Programme Name	OP	OB	SC	ST	EWS	PwD					Total
						OP	OB	SC	ST	EWS	
M. C. A	22	15	8	4	6	1	1	1	0	0	58

Abbreviations: OP-Open, OB-other Backward Classes, SC-Scheduled Caste, ST-Scheduled Tribe, EWS-Economically Weaker Section,, PwD-Persons with Disability.

FEE STRUCTURE

The fee structure for the MCA Programme 2020-21 admissions is given below.

Fee category	All Open, OBC, SC, and ST Candidates					
Onetime fee at the time of admission						
Caution Deposit	1,500					
Admission Fee	300					
Library Fee	1,500					
Matriculation Fee	150					
Sports	450					
Affiliation Fee	1,150					
Student Welfare Fee						
Association Fee						
Total (a)	5,500					
	Monsoon Semester 2020-21	Winter Semester 2020-21	Monsoon Semester 2021-22	Winter Semester 2021-22	Monsoon Semester 2022-23	Winter Semester 2022-23
Tuition Fee	35,000*	35,000*	35,000*	35,000*	35,000*	35,000*
Development Fee	1,125	1,125	1,125	1,125	1,125	1,125
Registration Fee	300	300	300	300	300	300
Exam Fee	750	750	750	750	750	750
Students Group Fee	900	-	900	-	900	-
Other Fee	300	-	300	-	300	-
Amenities Fee	450	-	450	-	450	-
Magazine Fee	150	-	150	-	150	-
Medi.Claim**	755	-	755	-	755	-
NASA Subscription	-	-	-	-	-	-
Total (b)	39,730	37,175	39,730	37,175	39,730	37,175
Total (a) + (b)	Rs. 45,230/-	Rs. 37,175/-	Rs. 39,730/-	Rs. 37,175/-	Rs. 39,730/-	Rs. 37,175/-
Grand Total	Rs. 2,36,215/- (Rupees Two Lakh Thirty Six Thousand Seven Hundred and Forty Only)					

* Nil for SC/ST students

** Policy amount may vary year to year.

Tuition Fee may vary as per the directives of Ministry of HRD, Government of India from time to time. The present tuition fee is as per MHRD Order F No. 33-4/2014-TS.III dated 5th May, 2014 and subsequent clarifications under reference F No. 28/2013/TS.III dated 21st October, 2014. Other fees are as determined by the Institute as per provision of Statute No. 37(i) (b). Refund of fee is as per the institute refund policy.

Tuition Fee may vary as per the directives of Ministry of HRD, Government of India from time to time. The present tuition fee is as per MHRD Order F No. 33-4/2-14-TS.III dated 24th June, 2016, except for foreign nationals, DASA, CIWG etc. Other fees are as determined by the Institute as per provision of Statute No. 37(i) (b).

RULES AND REGULATIONS

The ordinances and regulations for the Master of computer applications (MCA) programme is available in the following link. <http://www.nitc.ac.in/academics/pg/rules/RR-MCA2018.pdf>