# Academic Rules & Regulations

## As per MoU with MCTE, MHOW

## 2024-25 Onwards

Master of Technology
in
Information and Communication Technology
(M.Tech (ICT)) Program

# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY NAGPUR (IIITN)
# INDIA 441108
# APRIL-2024

भारतीय सूचना प्रौद्योगिकी संस्थान, नागपुर

Indian Institute of Information Technology, Nagpur

"An Institution of National Importance by an Act of Parliament"

Survey No. 140,141/1 behind Br. Sheshrao Wankhade Shetkari Sahkari Soot Girni, Village - Waranga, PO - Borl (Butibori) Tahsil- Nagpur (Rural) District Nagpur - 441108

Website: www.iiitn.ac.in Email: director@iiitn.ac.in, registrar@iiitn.ac.in

## PREFACE

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY NAGPUR (IIITN), **is an institute of national importance set up under the INDIAN INSTITUTES OF INFORMATION TECHNOLOGY (PUBLIC-PRIVATE PARTNERSHIP) ACT, 2017.** IIITN is set up with the objective of making available facilities for higher education, research and training in various fields of Information Technology, to address the challenges faced by the Indian IT industry and growth of the domestic IT market. The Ministry of Education (MoE), Government of India has established Indian Institutes of Information Technology (IIIT), on a not-for-profit Public Private Partnership (PPP) basis. The partners in setting up the IIITs are the Ministry of Education (MoE), Governments of the respective States where each IIIT has been established, and the industry. On the same line INDIAN INSTITUTE OF INFORMATION TECHNOLOGY NAGPUR (IIITN) is newly established Educational Institute by the Ministry of Education, Government of India and industry partner Tata Consultancy Services, Mumbai Not-for-profit Public Private Partnership (N-PPP) Institution.

The institute is committed to get itself recognized as a leader in Information Technology related science and engineering. It wishes to establish a firm foundation for education and research with a high-quality faculty base and having a vision to be the fountainhead of new ideas and innovations in technology and science. IIIT, Nagpur is an ambiance in which new ideas, research and scholarship flourish and from which the leaders and innovators and IT-entrepreneurs of tomorrow emerge.

This booklet gives comprehensive information on the existing Rules and Regulations for M. Tech (ICT) Programme. M. Tech (ICT) programme will be governed by these rules and regulations based on the global concept of outcome based education. IIIT, Nagpur gives freedom to its various departments to tailor their academic programmes as per their specific needs, within the frame work of the Rules and Regulations approved by the Senate from time to time, keeping in view, the ever growing challenges and new developments. The revised programme, provide additional opportunities and flexibilities for students to optimize their learning experience. This needs continuous and meticulous planning of the academic profile on the part of each student to fully utilize the opportunities. The students, and parents/guardians, are therefore, advised, in their own interest, to get fully familiar with the Academic system of the institute, since in many ways it is different from what they would have come across earlier. Student's attention is brought particularly to the assessment procedures and the specific rules governing the grading system, academic performance requirements, etc.

IIIT, Nagpur is a very student-oriented place and our endeavour is always to ensure that our students are offered the best opportunities that are needed to create outstanding scientists and engineers.

Associate Dean -IIITN

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## 1. M.TECH (ICT) PROGRAM

IIIT Nagpur offers M.Tech program in Information and Communication Technology (ICT) in collaboration with MCTE, MHOW for defense personnel. IIIT Nagpur encourages research in interdisciplinary areas.

## 2. ELIGIBILITY

The candidates who have successfully completed the PG Diploma in Information Communication Technology (ICT) from IIIT Nagpur are eligible to apply for admission in M.Tech program in ICT. IIIT Nagpur will extend the PG Diploma of a student to M.Tech. degree provided at least 10% of the students of his/her batch opt for M.Tech. If the number of candidates is less than 10%, the student may submit an application through MCTE to Director IIIT Nagpur, who may grant special permission to opt for the M.Tech program.

## 3. FINANCIAL OBLIGATION

The course fee for the M.Tech program is Rs. 20,000/- (Twenty thousand only) per semester. This fee is inclusive of the semester fees and project examination fees. This fee also includes access to the library facility and laboratory equipment for pursuing the project work. Any other service like hostel or mess if required will be chargeable as per institute norms. Note that course fees are non - refundable.

## 4. REGISTRATION & ENROLLMENT

Registration is a very important procedural part of the academic system. The registration procedure ensures that the student's name is on the roll list of each course that he/she wants to study. Registration for courses to be taken in a particular semester will be done according to a specified schedule before the end of the previous semester. Each student is required to complete the registration formality. The choice of courses must be approved by his/her Faculty Adviser.
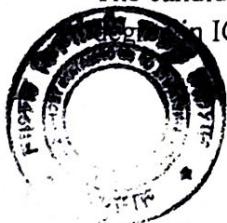
Roll Number/Enrollment number will allotted to student in format of MT YY ICT XXX, YY for year and XXX for number

The registration will be valid for a period of 3 years from the date of registration and no further extension will be granted under normal circumstances. After the completion of 3 years, if candidate wishes to continue, he/she will be required to register again. A candidate should apply for re-registration before the completion of 3 years registration period.

## 5. CREDIT REQUIREMENTS

The candidate will have to earn 12 credits and submit a research thesis for the award of M.Tech in ICT. The semester-wise credit distribution is as follows:

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| Year | Semester | Course Code | Course Name | Type | L | T | P | Credits |
|------|----------|-------------|-------------|------|---|---|---|---------|
| 2 | 3 | IML XXX | MOOC Course | OC | 3 | 0 | 0 | 3 |
| 2 | 3 | ECL 501 | Seminar | DC | 0 | 0 | 3 | 3 |
| Total | | | | Sub | 3 | 0 | 3 | 6 |
| 2 | 4 | ECL 502 | Dissertation | DC | 0 | 0 | 6 | 6 |
| Total | | | | Sub | 0 | 0 | 6 | 6 |
| Total | | | | | 3 | 0 | 9 | 12 |

## 6. COURSE EVALUATION

6.1) Assessment Mechanism for MOOC course:

Student should take MOOC course of around 12 weeks, MOOC course must be approved by supervisor /faculty advisor.

6.1.1) Course accomplishment (100% weightage)

The candidate must successfully complete the registered online course as per the respective course evaluation criteria from the list of approved platforms for MOOC courses.

6.1.2) Institute-level assessment (100% weightage)

In case of MOOC assessment marks not available, 100 Marks institute level assessment will be conducted and evaluated by the supervisor/course instructor for each such online course registered by the candidate.

6.1.3) Final Score

If the MOOC course is a credit course then its consolidated score in % can be used for grading.

In case of MOOC assessment marks not available on certificate, then final score will be 100% of Institute level assessment.

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## 6.1.4) Gradation

The following table may be used for the award of grades for all the online courses:

| Range of marks obtained in the evaluation | Grade |
|---|---|
| 81-100 | AA |
| 71-80 | AB |
| 61-70 | BB |
| 56-60 | BC |
| 51-55 | CC |
| 46-50 | CD |
| 40-45 | DD |

## 7. SEMINAR / DISSERTATION EVALUATION

The dissertation topic will be allocated to the student after discussion with the supervisor. The candidate will have to give an introductory presentation about his/her dissertation topic that includes a brief overview and literature survey within 2 months of topic allotment. The dissertation will be evaluated mid-semester and at the end of the semester in the 3rd and 4th semesters of the program. The final dissertation and presentation will be evaluated by a committee comprising of supervisor(s), coordinator, one external member, and HoD Nominee. The committee will give recommendations for the dissertation submission that needs to be compiled within two month from the date of the final presentation. The student is expected to carry out research in ICT, working closely with supervisors. The student has to submit soft and hard copy of seminar report and dissertation as per the approved format with plagiarism report.

## 8. ABSENCE DURING THE SEMESTER FOR COURSES REGISTERED

The candidate must inform the supervisor or HoD or Dean immediately of an instance of continuous absence from the registered courses. Absence due to illness or any other unavoidable circumstances up to a maximum of one month should be intimated to the coordinator along with supporting documents.

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