



YEARLY STATUS REPORT - 2020-2021

Internal Audit for Accreditation Purpose • External Audit for Accreditation Purpose • Program Exit Survey • 360 Degree Feedback from stakeholders • Plagiarism check for UG/PG project reports & Ph.D th

Part A

Data of the Institution

1.Name of the Institution						NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)					
• Name of the Head of the institution						Dr. H C Nagaraj					
• Designation						Principal					
• Does the institution function from its own campus?						Yes					
• Phone No. of the Principal						08022167803					
• Alternate phone No.						08022167878					
• Mobile No. (Principal)						9845275240					
• Registered e-mail ID (Principal)						principal@nmit.ac.in					
• Address						PB No. 6429, YELAHANKA					
• City/Town						Bengaluru					
• State/UT						Karnataka					
• Pin Code						560064					
2.Institutional status											
• Autonomous Status (Provide the date of conferment of Autonomy)						26/04/2019					
• Type of Institution						Co-education					
• Location						Urban					
• Financial Status						Self-financing					
• Name of the IQAC Co-ordinator/Director						Dr S Abdul Sattar					
• Phone No.						08022167878					
• Mobile No:						8951531221					
• IQAC e-mail ID						iqac@nmit.ac.in					
3.Website address (Web link of the AQAR (Previous Academic Year)						https://nmit.ac.in/pdf/naac/AQAR%202019-20%20Final%20Report.pdf					
4.Was the Academic Calendar prepared for that year?						Yes					
• if yes, whether it is uploaded in the Institutional website Web link:						http://www.nmit.ac.in/academic-calendar.php					
5.Accreditation Details											
Cycle		Grade		CGPA		Year of Accreditation		Validity from		Validity to	
Cycle 1		A		3.02		2014		05/05/2014		04/05/2019	
Cycle 2		A+		3.33		2020		08/01/2020		07/01/2025	
6.Date of Establishment of IQAC						26/02/2013					
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?											
Institution/ Department/Faculty/School				Scheme		Funding Agency		Year of Award with Duration		Amount	

Institution	Business incubator	MSME	01/01/2020	900000
8. Provide details regarding the composition of the IQAC:				
<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 			View File	
9. No. of IQAC meetings held during the year			14	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 			Yes	
10. Did IQAC receive funding from any funding agency to support its activities during the year?			No	
11. Significant contributions made by IQAC during the current year (maximum five bullets)				
<ul style="list-style-type: none"> Internal Audit for Accreditation Purpose External Audit for Accreditation Purpose Program Exit Survey 360 Degree Feedback from stakeholders Plagiarism check for UG/PG project reports & Ph.D thesis Faculty Self Appraisal Data collection & Consolidation for ARIIA ranking Feedback on faculty from students Faculty Monthly Activity Report Review of progress on research activities Identifying Slow learners of 1st year B.E AICTE - CII survey, Induction Programme for Newly Joined Students by the Industry experts / NGOs Orientation program for newly joined faculty Alumni Survey 				
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:				
Plan of Action	Achievements/Outcomes			
Preparation of Code of conduct for faculty and students for Online classes	The academic year 2020-2021 was completely affected by the Covid-19 pandemic and therefore it was not only the choice but also the compulsion for the teachers to learn, adapt, and practice the Information and Communication Technology (ICT) enabled tools. In this connection, we have prepared guidelines and a code of conduct for online classes for both faculty and students for online teaching. This makes us effective utilization of ICT.			
Faculty Empowerment Programs	In 2020-21, we have provided access to COURSERA courses for faculty free of cost. 127 faculty have taken skill enhancement courses through COURSERA. In the years 2020 and 2021 the faculty published 358 papers in Scopus indexed journals, citations 1904, H-index-25 and 105 papers in Web of Science indexed journals, citations 353, H-index-8. In the year 2020-21 NMIT organized 51 Professional Development programs/ workshops/ webinars/ skill development programs and 31 faculty were supported financially in participating in FDP, Conferences, Workshops etc.			
Feedback on Faculty from Students	At the end of every semester we are collecting feedback on faculty from students and based on feedback corrective actions have been taken and faculty having very good feedback are honoured.			
Induction Program to Newly Joined Faculty	We have organized an induction program for newly joined faculty from 15th to 20th July 2021. In this program, we made the faculty aware of the Institution profile, Rules & Regulations, Code of conduct & ethics, research policy, research activities in all departments, autonomous regulations, OBE, mentoring process and various accreditation processes and rankings institute has participated.			
Review of NAAC-AQAR	We have trained criteria wise coordinators on data collection and consolidation for AQAR upload and reviewed in regular internal for effective submission of required data as per format.			
Progress review of Slow learners/Irregular students of 1st Year students	Based on students' performance in First MSE and feedback from mentors and class teachers the slow learners are identified and arranged remedial classes and counselling through one-one interaction during the mentoring hour included in the regular timetable for first-year students.			
Students' satisfaction survey (360 Degree) from Students	A 360-degree survey was conducted among the students and based on their feedback corrective actions have been taken.			
Conduction of Program Exit Survey and Alumni Survey	At the end of the academic year, the Program exit survey and Alumni survey were conducted and based on their feedback departments made the proposal and put it in front of DUGC and BoS for further action.			
Online Live Demo Session on Microsoft Teams Application for all faculty members	We have conducted demo sessions on MS Teams applications for faculty for online classes. All faculty used this application for online classes, material sharing etc..			
Creation of NMIT official mail Id's for all students of NMIT for academic purpose	We have created official mail IDs for all faculty and students for official communications and it also helps us during the online classes for authenticated login of the students.			
MSE QP Quality Review (Internal & external review)	We have conducted a review of Mid Semester Question papers with the help of some external subject experts. Based on the report we have made corrective actions.			
Review of Industry-Department Interaction (Department Wise)	To enhance the skills of the students and make them industry-ready it is mandatory to involve more industry personnel in the teaching, learning and evaluation process. In this connection, we have reviewed department wise industry -institution interaction and active MoUs and proposed necessary action.			
Induction program	We have organized an online Student Induction Program from 8th Nov-2020 to 20th Nov-2020. In			

for newly joined students	this program, we have conducted programs related to UHV and activities related to Physical health, and literacy.
Final year student project problem statement review (Institute wise)	To enhance the quality of student projects and encourage interdisciplinary projects, we have made an arrangement for a common platform where all student representatives from each group presented their identified student problems.
Review of Formats for Academic Audit	We have planned to conduct academic and administrative audits for the A.Y.s 2019-20 & 2020-21 in the year 2021-22. In this connection, we have reviewed the questionnaire, made necessary changes and decided to design a web-based tool for auditing.
Department Wise Review of Research Status	In association with institute research counsel a review was conducted on the status of research, ongoing projects, applied projects, papers published, faculty pursuing PhD, multidisciplinary research in all departments. To encourage and create peer pressure among the faculty it is recommended to give incentives to the faculty published papers in Q1, Q2, Q3, Scopus and WoS indexed journals and increase the seed money for research activities.
13. Was the AQAR placed before the statutory body?	
Yes	
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Academic Council	29/09/2020
14. Was the institutional data submitted to AISHE ?	
Yes	
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
30/09/2020	30/09/2020

Extended Profile

1. Programme	
1.1	16
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2. Student	
2.1	4746
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	1245
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	4728
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3. Academic	
3.1	589
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	301
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	301
Number of sanctioned posts for the year:	
4. Institution	
4.1	298

Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	93
Total number of Classrooms and Seminar halls	
4.3	1738
Total number of computers on campus for academic purposes	
4.4	2345.91
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The processes of developing a Curricula is an Iterative process. The curricula designed are aligned with its Vision, Mission and Quality policy and it has relevance to the regional/national/global needs. Each programme has a well-established Vision and Mission to enable students for industries/research or to become entrepreneurs.

Each programme has its own Program Educational Objectives (PEOs), Program Outcomes (POs) Program Specific Outcomes (PSOs) based on NBA/ABET.

Review of the curricula takes place every three years and minor takes place annually. Latest and trend setting courses are introduced immediately as core/open electives. The curricula developed will pass through various bodies starting from Departmental Undergraduate Committee (DUGC), Board of Studies, Academic Council and Governing Council Any recommendation at any point will be taken and adopted appropriately.

For the next revision of the curriculum, CO, PO and PSO attainments are considered. The gap analysis & counter measures will be tabled before the Program Assessment Committee (PAC), Department Advisory Committee, DUGC, & Board of Studies. Recommendations are considered, the same is forwarded to Academic Council. This help in effective Teaching Learning Process also. Different surveys will help in revising the curriculum, teaching learning processes & assessment strategy.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://nmit.ac.in/schema-and-syllabus.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

13

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

166

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

99

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institute has introduced ENVIRONMENTAL STUDIES & CONSTITUTION OF INDIA / PROFESSIONAL ETHICS AND CYBER LAWS courses in the first year as a mandatory subject.

From the above mandatory courses, our students will gain knowledge about the damage to the environment, the unsustainable development, improved standard of living. This introduces various types of pollution and their effects on the environment, its prevention method and the various social issues connected and utilization of conventional and non-conventional resources. This also creates an awareness among young engineers towards legal aspects, acts and organizations. Students will be educated about their obligations, responsibilities, privileges rights and duties and get insights on administrative and the judicial setup of the country. It also imparts the ethical values, responsibilities and obligations of the professional to the society and the nation. Educate the engineering students about the scope and aim of professional ethics, their responsibilities, virtues like honesty, integrity and reliability, the risk and liability in the engineering profession. The course also imparts knowledge on IT ACT and its jurisdictions.

Apart from the above mandatory subjects' departments also offer certain core courses and open electives related towards Human Values, Ethics and environment and sustainability.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

14

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

758

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1788

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/file/d/1AV-fAa826Yot5-zUu9vaIvLAJHX9oaqX/view?usp=sharing
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/file/d/1AV-fAa826Yot5-zUu9vaIvLAJHX9oaqX/view?usp=sharing
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1074

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

270

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Learning level Assessment of the students:

At the department level, students have been categorized into Fast and slow learners.

- Students are identified based on their CIE/ Previous semester Performance by OBE tool.
- Mentor Feedback

Special Programs for the Fast Learners

1. Autonomous system facilitates to take up to 30 credits per semester to accelerate the completion of the program by 7 semesters.
2. Encourage the students to take up Add-on courses to earn more credits & eligible for honors degree.
3. Opportunity for Long Term internships and Immersion Program in reputed Industries and Universities.
4. Opportunity to work in Centers of Excellence
5. Encourage the students to attend conferences/workshops, publishing research articles/patents and work for Funded Research Project.
6. Guide the students to participate in National Level Hackthons/Ideathon/Project Based Exhibitions

Encouraging the Slow Learners

1. Individual attention even after college hours.
2. During the Tutorial Classes, Fast and slow learners grouped together to facilitate mutual learning.
3. Remedial Classes are exclusively held for slow learners.
4. Bridge courses in Programming, Mathematics, and English Communication Skills
5. NotesApp, and 42-LMS are used as a digital platform for academic material sharing and discussion.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nmit.ac.in/pdf/naac/2.2.1-Slow%20and%20Fast%20learners%20action%20taken%20report.pdf

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2020	4746	301

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The institution has successfully implemented Outcome Based Learning and Teaching (OBLT). In this connection, every year the Institute organizes training programs on pedagogy, modern tools in engineering education and orientation programs for faculty. The faculty are also deputed to various institutes across country to attend FDPs to strengthen their domain knowledge. The faculty are encouraged to deliver the courses using both Active & Passive methods. The course coordinators will design delivery methods for every course which will lead to better employability, entrepreneurship and skills development of the students and will decide the Student Centric Learning activities as a component of CIE.

The following are some typical delivery methods are adopted.

Experiential learning:

- Course Projects/ Main Project
- App Based Teaching
- Simulations laboratory
- Programming Assignment
- Industry Based Internship
- Organizational Study
- Lego Mindstrom & Tetrix Lab
- Model based learning
- Project Based Learning in CoE.

Participative learning:

- Projects/ Internships
- Debates
- Case Studies.
- Project Exhibitions
- Survey Camps
- Boot camps
- Hackathons/ Codethon/Ideathon

Problem solving methodologies:

- Tutorials
- Role Play

- Course Projects/ Main Project
- Learning Activity assignments

The following Delivery methods additionally are used to attain the Program Outcomes:

- Lectures by eminent professors and industrialist.
- Seminars
- Self- Demonstration Based Teaching
- Workshop/ Invited Talks
- Industrial Tour
- Rubrics evolution.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://nmit.ac.in/pdf/naac/2.3.1_Student%20centric%20Activities_2020-21.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The academic year 2020-2021 was completely affected by Covid-19 pandemic and therefore it was not only the choice but also the compulsion for the teachers to learn, adopt, and practice the Information and Communication Technology (ICT) enabled tools. The presence of ICT undoubtedly allows new ways of learning for students and teachers and helps the latter to interact with students. At Nitte Meenakshi Institute of Technology, by understanding the benefits of incorporating ICT tools in the teaching process, the faculty members have been using the ICT tools and resources such as

- Smart boards
- LCD Projectors
- Hand held devices
- Audio video visual systems
- Contineo-Student management system
- Impartus -Lecture capturing system
- MS teams
- Google suite
- Github
- Whatsapp
- Hacker rank programming tool
- Co-cubes & Hitbullseye- Platform for placement training and online tests
- AMCAT-Online training platform.

The following E-resources and techniques adopted by the institute: MOOC based learning (NPTEL/Coursera/UDAMY/ed-X etc..).

Access to national digital library, E-journals, E-books, online aptitude tests, Simulation based learning, Certification based learning, Flipped classes, YouTube videos, D-space, Calibre and use of open source tools.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://nmitsims.contineo.in/sims https://a.impartus.com/login/%20https://nmit.new.knimbus.com%20#/,%20 http://www.nmit.ac.in/institute-videos-testimonials.html https://nmitparents.contineo.in/ https://nmitresults.contineo.in/http://117.198.101.89/moodle/login/index.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

297

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and adherence to Academic Calendar: Academic Dean's office will collect the academic activity plan from Department and other academic sections. The input thus collected are collated and placed before Internal Academic Board. The Academic section will prepare the Academic calendar with the suggestion of Internal Academic Board and get it approved by IQAC.

Academic calendar is made available to all stake holders by placing it in the college Website/Notice Boards/LMS/Curriculum Hand Book. The academic calendar includes Course registration, CIE Schedule, SEE schedule, feedback schedule, attendance and CIE submission, last working day, results announcement date etc. Institute strictly adheres to all the dates given in the academic calendar without any deviations. In case of deviation because of unavoidable circumstances, prior approval will be taken from the relevant functionary.

Teaching Plan:

- Lesson plans are prepared by course coordinators and scrutinized by DUGC/DPGC.
- After every class, faculty will enter the work done during that session.
- Class committee meet periodically to discuss the progress of completion of curriculum and carry out remedial measures.
- DUGC/DPGC will periodically monitor the deviation if any between Lesson Plan & Work done.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

301

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

121

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2165

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

4

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Examination section is automated with software which captures the attendance, CIE and SEE marks and generates the records according to the given format.

The available features in the software are:

- It generates the list of the eligible students for writing the exams based on the input of attendance and CIE considering all the criteria for the examination
- Room/seating allotments for eligible students on defined parameters like 360 degree seating, different rooms /seats for each of individual student subjects.
- Printing of Admission card of the eligible students with date of exam and subject details
- Automatic Staff examination duty assignment on defined parameters and constraints definition
- Examination duty SMS to staff on daily basis
- Generation of Attendance sheet room-wise, subject-wise and consolidated branch-wise for each theory subject.
- Practical examination batching.
- Coding of Answer booklets using random bar code method and subsequent USN-BARCODE mapping
- Answer booklets bundling and marks entry capturing process for quicker and error free.
- Auto generation of Duty and Valuation remuneration for quicker settlement
- Online Results processing and declaration of results to students and all analysis reports including staff, subject and student performance indicators.
- Bulk Grade card printing, Provisional degree certificate printing, Rank list generation for maximum productivity.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nmitresults.contineo.in/

2.6 - Student Performance and Learning Outcomes**2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students**

Program Outcomes (POs) have been incorporated in the curriculum design to meet the Graduate Attributes. Program Specific Outcomes (PSOs) by considering the Knowledge areas of the specific program given by Global professional bodies like IEEE, ASME, ACM, ASCE, etc.

Course Outcomes (COs) are defined by the course coordinator for the identified course and are mapped to POs and PSOs of the program. COs are stated by considering POs, PSOs and Blooms Level. Course Outcomes of each Course are disseminated to students in the introductory class at beginning of each semester by the course coordinator. The questions in the question papers of SEE and MSE are mapped accordingly to the particular CO and Bloom's level.

The Vision, Mission, PEOs, POs, PSOs & COs are displayed to all stakeholders at

- College website
- Curriculum Handbooks
- Class rooms & Laboratories
- Notice Boards
- HOD cabin and faculty rooms.

The Vision, Mission, PEOs, POs, PSOs & COs are disseminated during

- Faculty & Technical staff meetings
- Orientation Programs
- Alumni Meets
- Awareness Programs
- Parents Meetings

BOS/ Advisory committee/ Academic council meetings.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://nmit.ac.in/schema-and-syllabus.php

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

CO Attainment:

Mid Semester Examination (MSE) /Semester End Examination (SEE):

Each question is mapped to the respective CO. The student who is scoring 60% and above of the total marks attempted in the respective CO is considered as attained. After the evaluation of MSE/SEE, marks scored by the students in each questions and maximum marks for the respective question will be entered in OBE tool, to evaluate attainment. All learning activities are mapped to COs and attainment is calculated. CO attainment also calculated by Course exit survey which is conducted at end of each semester.

PO and PSO attainment:

In direct method, all the COs of courses in the Program is mapped to POs and PSOs. The attainment of the CO is the attainment of the corresponding mapped PO/PSO. Average of all the attainments is attainment of the corresponding PO/PSO.

In Indirect Method attainment evolution was done through Program Exit Survey/Alumni Survey/Employer Survey. These survey questions are designed to find out the attainment of POs/PSOs. Each question, students will rate in the 5 point scale. The students who rate themselves with top 2 levels are considered as attained. By this data the percentage of attainment is evaluated.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nmit.ac.in/pdf/naac/2.6.2_CO-PO%20attainment%20calculation%20process.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1245

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://nmit.ac.in/pdf/naac/2.6.3_Annual%20results%20report_2020-21.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://nmit.ac.in/pdf/naac/AQAR%202020%20-%20Criteria-2%20-%20360-degree%20report.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

NMIT has well defined Policy for promoting research which encourages the Faculty & Students to involve actively in Research Programs.

Institute has provided the Seed Money amounting to Rs 72083 for the faculty members to encourage them to pursue high-order research.

Good amount of faculty members and students are able to get International Fellowship for research activities.

NMIT has established six Multi-Disciplinary Research Centres viz Center for Small Satellite Research, Center for Robotics Research, Center for Aerospace & IOT, Center for Nanomaterial & MEMS, Center for Computational Fluid Dynamics and Center for Design Engineering & Process Simulation. Addition to this, every department has at least one research laboratory.

NMIT has been granted 21 Sponsored research Projects amounting to Rs.121 lakhs sanctioned by different reputed National Funding Agencies such as DST, DIT, AICTE, DRDO, VGST, IEEE,VTU etc.

13 Departments are recognized as Research Centres by VTU / Mysore University 46 Faculty members during the year are recognized as research guides.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://nmit.ac.in/promotion-of-research.php
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

136.02

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

33

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/open?id=1Lmpk6dxVbQLoVbU1rDt9FycDY73kL9Tb https://drive.google.com/open?id=1L7Kh330e7tVwNouLuNY0ry6Qe3SS0WHm https://drive.google.com/open?id=14iD8fyq0ZKsnfYUCWqSJHW9ASgKgn3-C https://drive.google.com/open?id=1rmu9TTPHHTP-5NJ3_00FIagZME9xUqvs https://drive.google.com/open?id=1B9Hdrj6kN-9xFTP4yFtoSAAYmZ1akXWy https://drive.google.com/open?id=1Xcg5LygoJOMe0LBh6pul3VdGyMRA5ovG https://drive.google.com/open?id=1ayRzobML996gc3fGQG7XovlCN4efuDNx https://drive.google.com/open?id=1i0-2wG8NnoiERYXsiKyyamee64r-9iCe https://drive.google.com/open?id=1rDGuUErHyxtU9s5QP7B1dT6M9i3ZU9Ph https://drive.google.com/open?id=1h8X_vVjRipeNHAKTn9X3Mj4vV4TmGhsP https://drive.google.com/open?id=1IXKMAx5zq9R6zVMx0WHGjDXNOJjLt3Mv https://drive.google.com/open?id=16A-pqeXe57mxj6aiVzVyc08F8np8SwoK https://drive.google.com/open?id=1ZcWaEYdsGcoz15Hen4hURcWsm4wiLxUS https://drive.google.com/open?id=1YE-13esm_awFL-yzrkp13UTELwosmWZH https://drive.google.com/open?id=1onnekBS8nVakuO9GfgD3tsu3mcR7PuUP https://drive.google.com/open?id=1N4cFMDIbEio16_M5FjXD_4tXwRrA00uA https://drive.google.com/open?id=1aJzpjKO7va3OCYSWQfnAJ-KTKIj1414o https://drive.google.com/open?id=1-dBHF8k6Me5m2o8yfmTu2J65FvvWnhYt https://drive.google.com/file/d/1GufZdo7Y9Pe7ESpLPwjhFjn3qJB74ahm/view?usp=sharing https://drive.google.com/file/d/19wcLTvgIDHSSk_p0AqB5593m9M7QOFF/view?usp=sharing https://drive.google.com/file/d/17eCq28BGyYgz00AXmXK2nHdDKevmTtFY/view?usp=sharing https://drive.google.com/drive/u/0/folders/12S5R-z8cznxQavfCSUi79fsXxtJFL-p9 https://drive.google.com/drive/u/0/folders/12S5R-z8cznxQavfCSUi79fsXxtJFL-p9
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

63

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

10

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	1. https://www.kscst.org.in https://www.drdo.gov.in 3. https://www.drdo.gov.in/labs-and-establishments/naval-science-technological-laboratory-nstl 4. https://www.drdo.gov.in/labs-establishment/contact-us/armament 5. www.vgvt.in 6. https://www.techtarget.com/searchdatacenter/definition/ASHRAE 7. https://www.aicte-india.org
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

NMIT has promoted "Center for Innovation, Incubation and Entrepreneurship - (CIIE)". The main objective of this center is to promote emerging technology-based start-up companies/ entrepreneurs in Karnataka to address key issues that seek the nurturing of ideas from professionals beyond the traditional activities of Micro, Small & Medium Enterprises (MSMEs).

NMIT had created an entrepreneurship and innovation eco-system in the year 2010 for innovations through a project from National Science and Technology Entrepreneurship Development Board (DST- NSTEDB), New Delhi, namely Innovation and Entrepreneurship Development Centre (IEDC) by receiving funding of Rs.45 lakhs for developing innovative products and promote the spirit of Entrepreneurship amongst students. NMIT-IEDC had been associated with Professional bodies such as STEPs, Business Incubators' Association (ISBA), National Entrepreneurship Network (NEN) etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/17Nd7whNcWx4p4QtDsIWIBSf19BnKzhX_/view?usp=sharing

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

39

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**3.4.2.1 - Number of PhD students registered during the year**

11

File Description	Documents
URL to the research page on HEI website	https://nmit.ac.in/ph-d-awarded.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

1.19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.44

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.google.com/spreadsheets/d/1BssdEkBYF5gKt0RcZU7_uqjlCOZsrPMC/edit?usp=sharing&ouid=118324946416995376454&rtopf=true&sd=true

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

1904

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

50

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**

15.194

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

Nil

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities**3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year**

The college has established from the inception Units of NSS/NCC/Youth wing of Red Cross Society/Rotract club, etc. resulted in several extension activities and awards.

NMIT has 831 collaborations /linkages with industries for internship/on-the-job training/project.

The institute has 70 functional MoU's with reputed institutions of national and international importance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1_U8WJLu59dVoqZns_4eXSHh73UfJznGI/view?usp=sharing

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

12

File Description	Documents

Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

418

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

150

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

41

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities****4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.**

Our campus is spread over 22.3 Acres of land with 92,580 Sqm of built-up area for teaching learning facilities. Adequate budget is allotted each year to ensure that the planned infrastructure is in place before the start of the new academic year. Our infrastructure facilities comprise of classrooms, laboratories, seminar halls, auditorium, faculty rooms, library etc. We have total of 88 classrooms and 95 well-equipped Labs. Classrooms are well furnished with ICT facilities like Lecture capturing, Smart classroom. NMIT has five seminar halls with computing facility and internet connection. We have an auditorium of area 480 Sqm, containing ICT for conducting workshops, conferences, and placement trainings. Our open-air theatre of area about 2,500 Sqm can accommodate 2,000 people at a time.

The Library & Information Centre of NMIT has a spacious area of about 1300 Sqm, with seating capacity of 300 and a collection of 80,427 volumes. The Centre has a comprehensive collection of Books, Periodicals, Audio/Video CD-ROMs, E-Resources in Engineering, Basic Sciences, Management and General subjects to cater the needs of Faculty members, Research Scholars, Staff and Students. The library is fully automated, and all transactions take place through bar-coded technology.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1wAp2ucAqQSfGrgTh0EZsM0RVmh2aj2bG/view?usp=sharing

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The campus has a multi-purpose track, a hockey ground, sports facilities for Table tennis, Basketball court, Volleyball, Throw ball, Shuttle badminton and Cricket practice pitch. Indoor sports such as table tennis, carrom and chess are encouraged. Students at the college take part in Zonal, Inter-zone and Varsity Level Tournaments. Elite sportsman and women are trained by specialist coaches. Separate multi-purpose Gyms for male and female students with a range of sophisticated equipment are provided and students are encouraged to use the facility when on the campus during their spare time. A dedicated facility for yoga and meditation is provided.

National level annual techno cultural fest Anaadyanta was started in the year 2004. Anaadyanta amalgamates the thinkers and the dreamers in a three-day festivity of Technology, Art and Culture.

A range of clubs and societies are formed with interests varying from environmental activism to photography and various forms of art. Clubs like Music Club, Dance Club, Cultural Association, Art club, Literary forum, Nitte Hostels' Association etc exists at NMIT. Units of NCC, NSS, ROTRACT, Youth Wing of REDCROSS society, Chiguru (Kannada Club) etc. are actively serving the community.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1oiXyKLuNkyk7Shyt8oK588QIUEkt0_E/view?usp=sharing

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

93

File Description	Documents
Upload any additional information	View File

Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File
---	---------------------------

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

660

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

NMIT library is housed in a spacious building (1300 SQM) with a seating capacity of 300.

Titles -11,500 & Volumes-80,427

Printed Journals - National: 84

Open access system (Dewey Decimal Classification Scheme-23rd Ed.)

Online access of international databases (Digital Library)

Member of National Digital Library & VTU's e-Consortium

Access to 6 databases; 5754 e-Journals

Digitized 2692 CDs'

NPTEL video lectures (1000 Nos.) for reference

Reprographic/Scanning/Printing facilities

Departmental libraries for ready reference

The Library resources have been completely Bar Coded and automated using KOHA- Integrated Library Managaemnt Software which helps in Transactions, OPAC (Online Public Access of Catalogues) and reservation of Books etc. The digital resources have been deployed using the Data Centre & hosted in the central server. Access to all the On-line library collection, such as the NPTEL lectures of all IITs and IISc have been procured, indexed, and made available throughout the campus using Intranet for the use of Faculty & Students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1NodNsZTiDy2YeWUbl_ai8KBsK7bWdgrs/view?usp=sharing

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

57.64

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

200

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Central Computing Facility (CCF) has an extensive academic computing & networking facilities of the NMIT. NMIT has a total of 1738 computers.

The college has BSNL leased line (1:1) connectivity of 1 Gbps.

Internet connectivity

Year of up-dation

1 Gbps

2020

400Mbps

2019

200Mbps

2017-2018

Systems are secured through Seqrite (Quickheal) Antivirus software. NMIT has exclusive internet and language labs.

The college follows standard IT policies for the following:

- Computer Hardware Purchase and Support.
- Campus Wireless Network.
- Network Security Zone.
- Password Management.
- Asset Management.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1PmT3gh3h9uQ_EgUD--2IVOBbuGhjNehn/view?usp=sharing

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4746	1738

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ≥ 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

952

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - classrooms, laboratory, library, sports complex, computers, etc.

Predefined measures are existing and implemented within the Institute for the maintenance and utilization of its Physical, Academic and Support facilities. Committees are formed to monitor these activities from budgeting, stock verification, proper utilization of infrastructure and Maintenance.

The entire campus is Wi-Fi enabled and is under video surveillance. Security persons are hired from a reputed security agency. The CCTV cameras and security process are maintained by the security chief appointed by the college.

The college has a fleet of 33 buses which are regularly operated for providing transport facilities to all staff and students from different corners of Bangalore to the college and back. Transport facilities are maintained by transport in-charge.

The college has a medical centre with 24/7 ambulance facility.

Cafeteria and six other eateries are available.

Two ATM centres are available.

The college has a sewage treatment plant.

Separate common rooms and rest rooms for Girls and boys.

Water purifiers with RO technology have been installed.

The fire extinguishers are fixed in all the labs and corridors.

All the E-Waste are disposed as per guidelines.

Adequate electric power backup systems have been established.

Parking facilities for automobiles are provided to the staff and students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1a-dkeH6urAAUSgy2dqh20Y3wZpNKJY6u/view?usp=sharing

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1388

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

639

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://nmit.ac.in/pdf/naac/5.1.3_compressed.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1431

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

750

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

82

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

41	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

1	
File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The objective is to give students an opportunity to develop leadership qualities. Students' Council comprises of Class Representatives, Faculty Coordinators, Physical Director, Placement Officer, HODs, & Principal. Office Bearers will be elected by the members of the student council. Under students' council we have several bodies for conducting various activities viz.

- Cultural Committee
- Sports Committee
- Placement Committee
- Technical Committee
- Foreign Students Committee
- Literary Forum
- NSS
- NCC
- Rotract Club
- Youth Wing of Red Cross Society
- Hostel Committee
- Chiguru- Kannada Association

In addition following are the department level technical activities.

1. The Indian Society for Technical Education (ISTE) Students' Chapter
2. Institution of Engineers (IE) Students' Chapter
3. Institution of Electronics and Telecommunication Engineers (IETE) Students' Chapter
4. The Aeronautical Society of India Students' Chapter
5. Association of Consulting Civil Engineers (India) Students' Chapter
6. Indian Concrete Institute (ICI) Students' Chapter
7. The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) Students' Chapter
8. Fluid Power Society of India (FPSI) Students' Chapter
9. Society of Automotive Engineers (SAE) Students' Chapter
10. The American Society of Mechanical Engineers (ASME) Students' Chapter
11. National Entrepreneurship Network (NEN) Students' Chapter and so on.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/liQh3RB2gxWFOB6ryKNEBfVetzrB4879/view?usp=sharing

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4	
File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

NMIT Alumni Association works to enrich strong bonds between alumni, students and the Institute. Association works to keep alumni informed, and create a network enabling them to remain engaged with their alma mater.

Every year, Alumni Association conducts an alumni meet. During the alumni meet, alumni share their feedback and suggestions which help to improve curriculum, facilities, placement, training etc leading to huge improvement in these areas. Alumni are invited to the institute during workshops/ programs where they share their knowledge among the students/faculty. An exclusive networking Web and Mobile App (www.alumni.nmit.ac.in /Almashines Alumni) has been created by partnering with a company named AlmaShines, thus 8400 alumni are connected to their alma mater. The portal is a focal point of contact among alumni to interact and network with each other as well as with the alma mater. The alumni can get information about the institute, fellow classmates, students, faculty, conferences, alumni meets, featured alumni, success stories of alumni using this portal. The alumni are actively supporting the institute by posting job/ internship opportunities to the current students/ other alumni who can apply through the Portal.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1HXSF_tQ4pjxlhgk6I6J_oA3mQFVDVsV_/view?usp=sharing

5.4.2 - Alumni's financial contribution during the year

B. 10 Lakhs - 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision and Mission statements of the Institute is of current relevance and are consistent with Vision and objectives of the draft National Education Policy (2020). A 360-degree perspective plan is developed by a team formed by the Governing Council (GC) which considers important factors i.e. structure, mechanisms and stake holders within the system.

The Principal, member secretary of the governing Council, provides leadership for the academic administration and creates an effective environment, conducive for learning. GC ensures that quality education is imparted to the students that foster the holistic development of the students. Principal takes necessary steps for the implementation of the Governing Council decisions, through the Academic council, Board of Studies, Departmental Advisory Committee as well as several other committees.

The academic bodies such as Internal Quality Assurance Cell, Board of Studies, Departmental Advisory Committee, Program Assessment Committee and Departmental Undergraduate/Postgraduate Committee will work towards accomplishing the goals.

Faculty, Students, Alumni, Parents & Employers will participate, through several Committees, in developing curriculum, teaching methodology so as to ensure the involvement of all stakeholders of at various stages in achieving the Vision and Mission.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nmit.ac.in/about-nitte-vision.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

To achieve decentralised education, the institution has decentralized the whole working of the institution thus making the mechanism transparent at all levels such as Management, Administration, Financial and Academic activities. The Governing council is the highest authority to implement and monitor the rules regulations and to delegate the powers to various bodies like AC, IQAC, BOS, BOE and FC and to look into the activities and smooth functioning. The two practices of decentralisation and participative management during the year 2020-21 are:

1. Effective implementation of OBE through: -

Class Committee, DUGC/DPGC, PAC, DAC, BOS, BOE, IQAC.

2. Academic and Examination autonomy.

3. To support and monitor the co-curricular/extra-curricular activities, institute has the following committees/roles: -

Student council, Unnat Bharat, NCC, NSS, GEEKMYHAM, Cultural Committee, Anaadyanta, Sports Committee, Dance club, Theatre club, CHIGURU, Music club, Photography club, Art club, Foreign student's association, Student welfare officer, Various clubs at the departmental level.

The levels at which the management will participate are :-

Institutional Level, Departmental levels, Purchase & Procurement activities, Construction activities, Planning & Development, Enforcement of Discipline.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://nmit.ac.in/organization-structure.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Strategy Type

Admission of Students

Industry Interaction / Collaboration

Human Resource Management

Library, ICT and Physical

Infrastructure / Instrumentation

Research and Development

Examination and Evaluation

Teaching and Learning

Curriculum Development

For each strategy type details have been provided in the additional information.

File Description	Documents
Strategic Plan and deployment documents on the website	View File

Paste link for additional information	https://nmit.ac.in/index.php
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The organization has a well-structured administrative setup with GC as the highest decision-making body. The following are different bodies constituted.

- Governing Council (GC)
- Academic Council (AC)
- Boards of Studies (BoS)
- Finance Committee (FC)
- Purchase Committee
- Departmental Under/Post Graduate Committee
- Boards of Examiners (BoE)
- Internal Quality Assurance Cell (IQAC)

Others:

- Program Assessment Committee (PAC)
- Department Advisory Committee/Body (DAB)
- Anti-Ragging Committee.
- Internal Complaint Committee (ICC)
- Hostel Committee.
- Library Committee.
- Grievance Redressal Committee (GRC).
- Mal-Practice Consideration Committee.

File Description	Documents
Paste link to Organogram on the institution webpage	https://nmit.ac.in/organization-structure.php
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1CPzmHmTtVIGbFWAdxwcZT5EQ4PwXv-lc/view?usp=sharing

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Teaching Non Teaching Free Transportation facility to all the faculty Free Transportation facility to all the non-teaching staff Subsidized medical insurance scheme ESI scheme for non-teaching staff PF and Gratuity benefits PF and Gratuity benefits Subsidized rent for staff members staying in staff quarters Loan facility from the VIVIDHODESHA Multi-purpose Co-operative Society Loan facility from the VIVIDHODESHA Multi-purpose Co-operative Society Subsidized rent for non-teaching staff members staying in staff quarters Maternity Leave of 182 days with full salary. Maternity Leave of 182 days with full salary. Study Leave for higher studies Concession in tuition fees for children of employees for primary, secondary and higher education at Nitte Education Trust's schools and colleges Financial assistance for publishing research papers Financial assistance to attend FDPs/Workshops/Training programs Seed Money for young faculty to pursue research Reduction in workload for the faculty working in Research Centers Half Pay leave for ladies to cater their infants Concession in tuition fees for children of employees for primary, secondary and higher education at Nitte Education Trust's schools and colleges Incentives for Publishing papers in Peer reviewed Journals Faculty members are deputed for Ph.D under QIP Self Appraisal based pay for faculty members

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1EB1QTduwIUJdxR-RDG2hTJswvsHbrZjg?usp=sharing

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

33

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

51

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File

Upload any additional information	View File
-----------------------------------	---------------------------

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

125

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

For Internal Audit objectives are defined post discussion with the management/Trustees and consulting activity is designed. Internal controls are checked and verified by the auditor and deficiencies are noted. The IA examines hard copy or electronic records of the transactions, ensures compliance with the management system procedures, and test the effectiveness and implementation of internal controls. The finding of the IA is discussed with the board of trustees, accounting officers and actions are taken to resolve them.

External audit (EA) involves the examination of the truth and fairness of the financial statements by a Chartered Accountant (CA)/external accountancy firm who is independent of the institute. EA provides a reasonable assurance to the management that the financial statements, as reported are free from material misstatements. External auditors will comply with professional auditing standards such as the International Standards on Auditing and ethical guidelines to maintain a level of quality and trust. Statutory audit is conducted annually by CA appointed by the Board of trustees. Objectives of the audit are approved by the board of trustees. Using appropriate sampling techniques, the auditor performs detailed tests on selected transactions and accounts in all major accounts.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1UMIR4OCj1MFtcxpPDjoTyXS_6Ch4keI/view?usp=sharing

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

4.18

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The different sources for mobilizing the funds are as follows: -

- 1.Tuition fees from students
- 2.Through external research projects from DST, FIST, DRDO, AICTE, VGST etc...

The college budget is allocated based on the needs. The college follows a systematic approach towards the allocation of budget. Almost, 95% of the total budget was spent during the last three years. More budgets have been allocated to the infrastructure built-up and laboratory equipment's. Also, moderate budgets have been allocated in case of consumables; the same has been utilized for Research and development activities. Separate budget has been allocated for library, Research, and development. Additional funds will be allocated in case of emergency requirement. Some of the namely utilization of funds is towards the expenditure on salary of teaching and supporting staff, purchase of equipment, machinery and furniture, library books, e-subscriptions, electricity charges, consumables, software, internet bills, repair and maintenance, faculty development programs, advertisement, affiliation, and approval fees, printing & stationary, sanitation housekeeping-gardening and security charges, and other miscellaneous expenses. Some funds are allocated for social service activities as part of social responsibilities through NSS and NCC.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://nmit.ac.in/mandatory.php

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC promotes the measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

- 1.Orientation Programme for Newly Inducted NMIT Faculty Members
- 2.Faculty Colloquium: The idea was to make the faculty aware of the new technologies/research topics and encouraging group learning.
3. CIE SEE Questions are framed as per Bloom's Taxonomy. Each question has been identified with levels based on thinking capabilities of the students.
4. Internship has been made mandatory for UG and PG students.
5. About 70 of the courses blended with ICT tools and e-resources in teaching learning methods and Wi-Fi facility is provided throughout the campus to facilitate the teaching learning process.

6. In order to provide multi skilling to the nonteaching faculty, the management deputes the interested non-teaching staff to various skill development training programmes during the vacation.
7. Academic and Department Audits, FDP's, 360-degree feedback, Mentoring the faculty are conducted regularly.
8. The Institution provides 100% funding to the faculty members for filing the patents.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1vNRhQqCLaURDpubWuaFMhv-E-rKEaIyQ/view?usp=sharing

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The initiatives of IQAC have significantly improved the Academic Environment, Teaching, and Learning Process, Curriculum and Evaluation Methods and Research environment in the institution by adopting following quality assurance polices.

Quality Assurance Policy

Parameters

Faculty Academic Audit

Teaching and Learning

Research

Documentation

OBE Process

360 degree Feedback

Academic

Placement

Infrastructure

Support System

Academic and Administrative Audit

OBE Process

Curriculum

Students' performance

Faculty contribution

Lab Infrastructure

Stakeholder's Feedback

Administrative Documentation

Best Practices

Feedback on faculty

Effectiveness of Teaching & Learning

Faculty commitment

Faculty Self Appraisal

Teaching and Learning

Faculty Contribution

Documentation

OBE Process

Faculty Need Analysis

Priority of the Faculty on the area of FDPs

Reviewing the Ph.D. scholars Status

Ph.D problem statement

Progress

Publications

Reviewing the Research contribution of Senior Faculty

Research

Publication

Academic Contribution

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/19hteZGaCE8Qh_fk9_qsfzDY09kldfUlx/view?usp=sharing

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://drive.google.com/file/d/1LWhRhgyXmOlQ-9hH6NSes3lKjoEz0-87/view?usp=sharing
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

NMIT has a strong ethical work culture, it observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status.

Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighbouring community, as is evident by the following facilities -

1. Safety and Security
2. Counseling
3. Common Rooms

Other Initiatives

Additional initiatives ensure active participation of students in co-curricular activities including sports

1. Field Visits
2. Community outreach

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/file/d/1tHQRH6XbWmAxkTolRNoBQj1MdfVBK8DN/view?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Nitte Meenakshi Institute of Technology (NMIT) believes in "Let's go green and keep our campus clean". NMIT's pivotal operations have very less impact on the environment as the institute is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. Environmental initiatives like use of renewable energy, Rain water harvesting, Sewage treatment plants, Zero water discharge, No smoking zone, waste management system etc have been implemented. Environment consciousness is embodied in the heart of the college by tree plantations from NSS/ NCC/Rotract/Chigaru teams every year which is the predominant motive of the management to maintain the pristine purity and beauty of the college and also to provide a congenial atmosphere for the academic and non-academic pursuits.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above
--	------------------------------

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above
--	------------------------------

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above
--	------------------------------

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

NMIT has a strong vision towards inclusiveness of developing tolerance and harmony among the students so that they can become good global citizens. NMIT takes maximum effort in organising several events in promoting cultural and linguistic diversities so that students are aware of their roots. Several socio-economic events has been carried out in promoting tolerance and harmony. To name few :-

1. UNNAT BHARATH ABHIYAN
2. EYE-CHECK UP
3. Adolescent Alcohol and Drug Abuse Awareness campaign
4. BLOOD DONATION CAMP
5. Swachh Bharat at NMIT
6. FLOOD RELIEF FUND COLLECTION

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Year Title of the programme/Activity Provide/upload supporting documents 2020-21 Blood Donation Camp Attached 2020-21 Cleanliness Drive 2020-21 Republic Day Celebrations 2020-21 Independence Day Celebrations 2020-21 National Mathematics Day 2020-21 National Science Day 2020-21 World Environment Day 2020-21 Teachers Day 2020-21 Engineers Day 2020-21 Swachh Bharath 2020-21 Institutional Training -Ncc 2020-21 Kargil Diwas Day 2020-21 World Environment Day 2020-21 Sawchha Bharat Abhiyan 2020-21 Yoga Day 2020-21 Swami Vivekananda Jayanthi 2020-21 Old Age Home Visit 2020-21 National Mathematics Day 2020-21 Seminar on "Atmanirbhara Bharath" 2020-21 Guest lecture on "Sustainable Development of Water, Energy and Waste Management Systems" was organized for final year students on 11th May 2021 by Dr Lokeshwari M, Professor, Department of Civil Engg. RVCE, Bangalore.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	A. All of the above
---	---------------------

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Year Title of the programme/Activity 2020-21 Tree Plantation 2020-21 ETHNIC DAY 2020-21 KANNADA RAJYOTSAVA 2020-21 REPUBLIC DAY 2020-21 Ambedkar Jayanthi 2020-21 Raksha Bandhan 2020-21 Teacher's day 2020-21 Swami vivekananda jayanthi 2020-21 Institutional Training -NCC 2020-21 Christmas Celebration 2020-21 Yoga Day 2020-21 Cleanliness Programme 2020-21 Personality development Programme 2020-21 Training to Join Armed Forces 2020-21 Tree Plantation Programme 2020-21 Special National integration camp nagaland 2020-21 Basic leadership camp Mysore 2020-21 Hanuma Jayanthi 2020-21 Dasara & Ayoodha Pooja 2020-21 Ramanavami 2020-21 Ganesh Chaturthi 2020-21 Tree Plantation Programme 2020-21 "Entrepreneur and Intellectual Property Rights 2020-21 National Mathematics Day 2020-21 Swachh Bharat Abhiyan 2020-21 Earth Hour Movement 2020-21 Independence Day and the Republic Day 2020-21 Teachers' Day 2020-21 Diwali Mela 2020-21 Ganesh Chaturthi 2020-21 Gandhi Jayanti 2020-21 International Yoga day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1.

Stimulating Culture of Multidisciplinary Research

Objectives

- To inculcate culture of multidisciplinary research and innovation among UG/PG/Ph.D. and Faculty
- To provide platform and opportunities for students and faculty from different discipline to collaborate and share research activities and ideas
- To establish Centre of Excellence in the multidisciplinary research areas by collaborating with advanced research institutes like IISc. /ISRO/NAL/CAIR/ etc.

Established Multi-Disciplinary Research Centers,

- Small Satellite Research in collaboration with ISRO
- Robotics Research.
- Nanomaterials and MEMS in collaboration with IISc
- Design and Process Simulation in collaboration with Dassault Systems
- Computational Fluid Dynamics in collaboration with NAL.
- Aerospace and IoT in collaboration with Dassault System & PTC
- Cyber Security & IoT in collaboration with Subex Company.

2.

Effective/Innovative Delivery Methods

Objectives

- To provide platform and opportunities for teachers to experiment and practice the most relevant innovative teaching methods - such as project-based learning, non-formal education, outdoors education, new technologies.
- To explore trending innovative teaching methods and strategies as well as a cooperative, inspirational and stimulating space where to experiment and practice new tools, strategies and approaches.
- To improve student engagement, motivation and attainment.

File Description	Documents
Best practices in the Institutional website	https://nmit.ac.in/aqar2020-21-supporting-documents.html
Any other relevant information	https://drive.google.com/file/d/1-nBW1s49brzbnMgxWXN4KPH34oWkbj0s/view?usp=sharing

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

INTRODUCTION OF STATE-OF-THE-ART OPEN ELECTIVE COURSE ON ROBOTICS ENGINEERING-LEGO MINDSTORMS AND TETRIX

NMIT has introduced an Open Elective course entitled "Robotics Engineering- LEGO Mindstorms & TETRIX" which is based on LEGO Mindstorms NXT and TETRIX system for the 2nd year undergraduate engineering program.

Objectives of course

1. To create a true multidisciplinary learning environment by bringing students from different engineering disciplines.
2. To provide Hands-on & Minds-on training to students on Robotics using LEGO MINDSTORMS , TETRIX & ROBOTC.
3. To indulge students in active learning to foster their creativity & ingenuity.
4. To inculcate the research culture among young engineering students
5. To reinforce STEM (Science Technology Engineering Mathematics) education

File Description	Documents
Appropriate link in the institutional website	https://nmit.ac.in/aqar2020-21-supporting-documents.html
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Starting of B.E - AI and ML.
- Starting of B.E - AI and DS.
- Starting of M.Tech in Defence Technology.
- Starting of Data Engineering Laboratory .
- Submission of NBA SAR for B.E - CSE, B.E - EEE and B.E - ECE for Cycle-II.
- Enhancement of Industry Institute Interaction through MOUs for Skill Development Labs.
- MSE QP Quality Review (Internal and external).
- Final year student innovative project problem statement and implementation review (Institute wise).
- IQAC Meeting with Parents, Students, Faculty and Alumni.
- Administrative Audit (Examination section/Autonomous section/Placement/HR/Library/ Transport/ Maintenance/ Sports)
- Faculty Audit towards OBE.
- Development of curriculum based on NEP - 2020.
- Development of Innovation and Design Thinking Lab as per NEP.
- Establishment of new Research Labs - Polymer Nano Composites Lab, Bio-Materials Lab.
- Establishment of Skill Enhancement Labs - Product Life Cycle Management Lab, 5G Lab, Product Engineering Lab.
- Establishment of Center for Additive Manufacturing.
- Faculty training on NEP.
- Result Analysis with respect to Online class.
- Review of Quality of Online class.
- Strict implementation of SOP due to Covid-19 in campus.
- Review of Blended teaching.
- Review of Internships & Projects.