



## **YEARLY STATUS REPORT - 2020-2021**

### **Part A**

#### **Data of the Institution**

##### **1.Name of the Institution**

**NUTAN MAHARASHTRA INSTITUTE OF  
ENGINEERING AND TECHNOLOGY**

- Name of the Head of the institution **Dr. Lalitkumar Wadhwa**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **02114-231888**
- Mobile no **9975273889**
- Registered e-mail **principal@nmiet.edu.in**
- Alternate e-mail **vilas.deotare@nmiet.edu.in**
- Address **NUTAN MAHARASHTRA INSTITUTE OF  
ENGINEERING & TECHNOLOGY, Samarth  
Vidya Sankul,Vishnupuri, Talegaon  
Dabhade, Pune**
- City/Town **Pune**
- State/UT **Maharashtra**
- Pin Code **410507**

##### **2.Institutional status**

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune Maharashtra**
- Name of the IQAC Coordinator **Dr. Nitin Dhawas**
- Phone No. **02114231888**
- Alternate phone No. **02114231666**
- Mobile **9420080661**
- IQAC e-mail address **nitin.dhawas@nmiet.edu.in**
- Alternate Email address **dhawasnitin2010@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))**

<https://www.nmiet.edu.in/implinks/pdf/AQAR-2019-20.pdf>

**4. Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.nmiet.edu.in/implinks/pdf/Academic-Calendar-2020-21.pdf>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.58</b>	<b>2018</b>	<b>16/08/2018</b>	<b>15/08/2023</b>

**6. Date of Establishment of IQAC**

**10/06/2017**

**7. Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**8. Whether composition of IQAC as per latest NAAC guidelines**

**Yes**

- Upload latest notification of formation of

[View File](#)

IQAC

**9.No. of IQAC meetings held during the year**      **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

**11.Significant contributions made by IQAC during the current year (maximum five bullets)**

Applied for NIRF Ranking

Applied for ARIIA Ranking

Received Platinum Award in Confederation of Indian Industry

Participated in AICTE Utkrisht Sansthan Vishwakarma Award (USVA – 2020)

Preparation of NBA for three programmes

**12.Plan of action chalked out by the IQAC in 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
IQAC Meeting	Planning of Academic Year
Inspection of Departmental Documentations	Standardization of documentations
Campus Rounds	Beautification and sports facilities for students
Interaction of Institutional Committees with Faculty, Staff & Students	Admin & Academic Audit
Departmental AQAR Submission	Collection of Quality improvement data
Finalization of Institutional AQAR	AQAR Finalization
Teaching Plan	Academic Process finalization
Orientation for Newly Inducted Students	Institutional and academic information to students
Academic Calendar	Planning of Academic year
Portfolio Distribution	Distribution of responsibilities
Meetings of Institutional Committees	Review of committee work

**13. Whether the AQAR was placed before statutory body?** **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	01/10/2021

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr. Lalitkumar Wadhwa</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
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• Registered e-mail	<b>principal@nmiet.edu.in</b>
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• City/Town	<b>Pune</b>
• State/UT	<b>Maharashtra</b>
• Pin Code	<b>410507</b>
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• Location	<b>Rural</b>
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• Name of the Affiliating University	<b>Savitribai Phule Pune</b>

	<b>University, Pune Maharashtra</b>				
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• Alternate Email address	<b>dhawasnitin2010@gmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.nmiet.edu.in/implinks/pdf/AQAR-2019-20.pdf">https://www.nmiet.edu.in/implinks/pdf/AQAR-2019-20.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.nmiet.edu.in/implinks/pdf/Academic-Calendar-2020-21.pdf">https://www.nmiet.edu.in/implinks/pdf/Academic-Calendar-2020-21.pdf</a>				
<b>5.Accreditation Details</b>					
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<b>6.Date of Establishment of IQAC</b>		<b>10/06/2017</b>			
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>		<b>Yes</b>			
• Upload latest notification of formation of IQAC		<a href="#">View File</a>			
<b>9.No. of IQAC meetings held during the year</b>		<b>2</b>			

<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	Yes	
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<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
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Received Platinum Award in Confederation of Indian Industry		
Participated in AICTE Utkrisht Sansthan Vishwakarma Award (USVA - 2020)		
Preparation of NBA for three programmes		
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<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Body	01/10/2021
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2020-21	25/12/2021
<b>15. Multidisciplinary / interdisciplinary</b>	



## Multicultural Student Composition

The institution takes pride in its multicultural student composition which adds vibrancy to its ambience. In keeping with its vision, the spirit of inclusiveness is evident in all college activities. Welfare schemes are extended to all students regardless of ethnic and economic background.

## Lectures on Interdisciplinary Topics

Lectures on interdisciplinary topics, delivered both by college faculty and invited speakers are held each year. These lectures provide a unique opportunity to the students to realize the importance of the interdisciplinary approach in academics in solving issues of national and global importance. The interdisciplinary lectures were held online during the lockdown. Other lectures on gender issues, environmental awareness, sustainable development and many other relevant topics are held all the year round.

## 16.Academic bank of credits (ABC):

Nil

## 17.Skill development:

SKILL- LYNC PROSAP Courses Training Available In Institute To Make Industry Ready Engineers  
Foreign Languages Training Like Japanese, German is Provided For Abroad Placements  
Industry Institute Interaction Cell (IIIC) is Actively Run in Institute.

The following Excellence Centers and Laboratories are in Institute

1. "Data Science and Artificial Intelligent"center with Bharatsoft India
2. "Information Security and Digital forensic" center with Softtech. Data Security
3. "Red Hat Open Source Technology" center with IT Academy.
4. "International Microsoft Certification" center through ATS Infotech.
5. "3D Printing Center" Technological Partnership with GEOCLID.
6. "Data Analysis & Learning Hub" by Wisdom Sprouts.
7. "JSM Infotech center" by JSM India Infosys.

8. "Hi Tech Skills" by HiTech Skills Ventures, Pune.
9. IIT-sponsored E-Yantra Laboratory for ROBOTIC.
10. Online certifications courses center by Coursera, IIT
11. Spoken Tutorials, NPTEL (SWAYAM), UDEMY, EDX, Coursera

**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Generally the lectures and practicals are conducted in English but students those are weak in the English Language can understand the concepts in local language in their free time from the faculties

**19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Here is a 5 step process on how NMIET implements OBE

**1. Assessment of curriculum and needs**

A very important step before starting is to collect information and data about the curriculum, the current standards of the institution, feedback from the stakeholders, and identifying the requirements for implementing OBE in the institution. This helps to devise strategies, define outcomes, and measure student achievements.

**2. Defining outcomes**

The next big step is to define the outcome the student has to achieve, based on the requirements collected from stakeholders and the needs of the institution. Unlike the traditional system where students are just assigned textbooks, homework, common practical classes, quizzes and a series of tests; in an OBE system, the classroom is like a laboratory where there is constant research for different approaches that work for each individual student. Like all laboratory experiments, the success criteria are first defined.

The outcome is a particular skill or capability that will be acquired by the student. So, starting with the goal in mind, working backwards, the student is led from the beginning through a series of outcomes to meet the final set goal, when he or she completes education. Some major outcomes are measured over longer terms and immediate outcomes help to measure the student's achievement rate in shorter terms, so the teaching-learning methods can be improved and altered along the way as needed.

Moreover, once the outcomes are defined, it is important to map them with subsets. The correlation between long term outcomes and short-term goals has to be well defined.

### 3. Collaboration and Implementation

It is very important to have transparent and effective communications between the stakeholders and decision makers for the successful implementation of OBE. To have clarity about the process, it is crucial to have every department - from the parents (if required), the students, the industry experts, and key decision makers - to have a say in each step.

The OBE system primarily focuses on learning, rather than teaching, so the teacher is like a coach pushing and motivating the students toward successful outcomes. Collaborating with all the teachers to find paths to success for each student and always having multiple paths available for students is an important part of achieving success in OBE.

It is critical to have focus in OBE. What is taught, how it is taught and the way it is assessed are linked to the intended learning outcomes. Every student is an individual learning project and needs to be given the maximum opportunity to achieve the learning outcomes. A teacher's or a method's effectiveness is measured by the success of each student. To have to adjust instructional levels and approaches for every student is challenging and hence, there is a lot of groundwork and innovation involved.

### 4. Defining the role of assessments and results, and measuring success

The next step is to outline the contributions from assessments like assignments, projects and exams, etc. Documenting and mapping the extent of achievement by the assessment results which would mean measuring achievement of an outcome by the students performance in outcome based assessment.

Student performance can be measured in any of the ways, such as a written paper, an online presentation, a practical art and craft model or even a multiple-choice assessment. This is to reinforce that students can display competency in any way they feel comfortable with. These assessments, which are criterion-focused, are based on the students ability to demonstrate what they can do at the end of the education. The OBE grading system is not

comparative or competitive. The assessments are only for the purpose of locating and rewarding successes.

#### 5. Feedback and continuous evaluation

Finally, an important aspect of the OBE method is constant evaluation of the process. With every assessment, there is a review of what works and what doesn't and a continuous improvement in the different approaches to the assessment process. There is a need to collect feedback, make necessary edits and alterations and improve constantly to assure that students are able to achieve the outcomes. With an effective OBE classroom, it is a success story as each student is offered an interesting path towards the achievement of their goals.

#### 20.Distance education/online education:

During lockdown period NMIET has conducted online teaching through online platforms like WebEx and Google Meet for all the students. Also online examinations were also conducted using MCQ type of questions for all the subjects.

### Extended Profile

#### 1.Programme

1.1	221
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	1294
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	461
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
2.3	343
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	60
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	60
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	20
Total number of Classrooms and Seminar halls	
4.2	1039307
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	603
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	

### 1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

We adopt the curriculum overview provided by the Savitribai Phule Pune University (SPPU), Pune. Depending on our resource potentiality, institutional goals, and concern for the students, we impart quality education. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which it executes the curriculum.

**HOD's Meeting:** HOD's Meetings are held once in 15 days. Head of the Department discusses their action plans to arrive at an optimal and effective way.

**Academic Calendar:** Academic Calendar is prepared as per SPPU academic schedule and the requirements at the department level as per the action plans formed.

**Lesson Plan:** The lesson plan includes course outcomes, course objectives, content topics, reference books, and the expected outcomes from the students by learning through the topics prepared by respective faculty members at the beginning of each semester. It gives an insight into how the lecture class will be handled throughout the semester.

**Meeting the Vision and Mission of the Concerned Department:** Each department sets its own Vision and Mission which match the Institutional Vision and Mission.

PEOs, POs are developed for each program and Course Objectives (CO) and COs are defined for each course.

We are affiliated to the SPPU, AICTE so it is mandatory on us to comply the academic related things of same controlling authorities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_111.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_111.pdf</a>

### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous

## Internal Evaluation (CIE)

### Academic Calendar:

The Program Coordinator along with staff prepares the academic calendar of the program which is in concurrence with the academic calendar of the Institution and includes co-curricular activities, add-on courses, parents' teachers meet, Unit test schedule, display dates of defaulters list, practical/oral examination, University theory examination, etc.

The students are informed about time table and academic calendar well in advance through digital media, websites, and notice boards.

All activities are carried out as per the academic calendar.

### Continuous Internal Evaluation (CIE) :

This is a two-tier system. 1. University defined and 2. Institute defined SPPU Pune conducts various examinations to evaluate the students. There are evaluation examinations of the affiliating university such as Online MCQ Tests for the First and Second year, In semester Exam for the third and final year, Pr/Or exams, and EndSemester exam for all. The main written examination is conducted at the end of the semester. The institute has to ensure that the students are ready for these examinations. Thus, all types (objective and subjective) of tests are planned before the commencement of each semester. Also, to promote students learning and involvement in extracurricular activities term work norms are prepared well in advance.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_112.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_112.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.**

**B. Any 3 of the above**

<b>Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</b>	
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

14

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>



### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2424

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

NMIET curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students.

Various activities are organized throughout the year as part of the curriculum that helps in this endeavor.

#### 1. Gender Sensitivity:

Gender-related courses are an integral component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. Free counseling services are provided through a Counseling Cell. Gender sensitization camps are organized in slums and rural areas of Pune district that include, women's rights, human rights, child rights, gender justice and gender equality. Compulsory core courses along with the wide range of community outreach programmes that include health and hygiene camps, hole-in-the-wall and village adoption, enable exposure to real life situations. NMIET annually organizes seminars, conferences, guest lectures, exhibitionsthat help in gender sensitization.

#### 2. Environment and Sustainability:

A compulsory core course on Environment studies is included in all UG programmes. Environment awareness camps, seminars, workshops, guest lectures, industry visits,field excursions are organized. Yoga Day is annually celebrated. NMIET accords great importance to

research in inter-disciplinary areas focused on renewable energy, environmental pollution, agriculture, education and healthcare.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

95

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
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File Description	Documents
URL for stakeholder feedback report	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_141.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_141.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_142.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_142.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

**271**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

supernumerary seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

376

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The slow learners and bright students are identified based on their overall performance in university exams and internal assessments. The mentors regularly monitor the progress of their mentees. The class teachers along with mentors assess the progress of the students after every internal test and the parents are intimated.

The students securing the marks less than 40% are identified as Slow Learners and the students securing marks above 80% are identified as Advanced Learners.

Methodologies to support Slow Learner Students:

- GFM follows the student's progress regularly,
- advise them about attending classes and making up missed classes.
- Intimating parents about their ward's performance.
- Conduction of remedial classes.

Outcome :

1. Improved academic results.
2. Reduction in the number of unsuccessful candidates.

Impact analysis:

1. The number of weak students and the amount of assistance required are reduced.
2. Improved results and less number of failures in subjects.

### Methodologies to encourage bright students:

- Students are motivated to take up mini projects and encouraged to participate in inter-college national fests.
- Encouraged to attend conferences, workshops and publish papers.
- Encouraged to take up competitive examinations like GATE, GRE.

### Impact analysis

- Improved confidence levels of students
- Active participation in each activity
- Appreciation from the parents

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_221.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_221.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1294	60

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

**Instructional Methods and Pedagogical Initiatives:** A well-defined process for course allotment and load distribution is adopted at the department level. Three choices are taken from faculty members. Course allocation is made based on the choice or expertise of faculty members a month before the commencement of the semester. Once the courses are allocated, faculty members prepare a detailed course plan, assignment questions, etc. for the particular course. Course materials are prepared as per the teaching plan and course outcomes. Faculty members use various

pedagogical methods for the effective teaching-learning process. The department has taken the following pedagogical initiatives:

1. **Chalk & Board:** The conventional and most effective instructional method is chalk & board and the faculty exhaustively resort to this traditional method.
2. **Project-based learning (PBL):** It is more effective to evolve competent and skilled practitioners. Project-based learning is an innovative practice used to implement outcome-based education at our institute. Students are encouraged to carry out multidisciplinary projects to gain engineering knowledge. PBL activity is described below;
  1. A notice is circulated to students by the PBL coordinator to form their group and choose the guide
  2. The topic is identified by the group in discussion with the guide and submitted to PBL coordinator.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_231.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_231.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

#### ICT-enabled tools for effective teaching and learning process

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom:

1. In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning.
2. Classrooms are fully furnished with LCD/OHP/Computers
3. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.

### Institute premises are Wi-Fi enabled

1. Specialized computer laboratory with an internet connection has been provided to promote independent learning. Wi-Fi facility for access of internet is provided on individual laptop and mobile devices.
2. Well security is provided to Wi-Fi users. Its access is controlled by the system administrator

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

60

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	No File Uploaded

### 2.4 - Teacher Profile and Quality

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

60

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

11

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

#### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

##### 2.4.3.1 - Total experience of full-time teachers

406

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.



The college has a transparent and robust evaluation process in terms of frequency and variety. In order to ensure transparency in internal assessment, the system of internal assessment is communicated with the students well in time. The Principal holds meetings of the faculties and directs them to ensure effective implementation of the evaluation process. At the entry level, admissions are given purely on merit basis and the lists of merit students are displayed on Notice board. Students who are admitted for the concerned course are assessed continuously through various evaluation processes at college and University level. Continuous evaluation is made through Group Discussion, Unit Tests, Assignments Submission, Field Visit / Field Work and Seminars Presentation. Unit tests are conducted regularly as per the schedule given in the academic calendar. The weightage for the unit tests varies as per the concerned faculty. The performance of the students is displayed on the Notice board and communicated to the students. Personal guidance is given to the poor performing the students after their assessment. Students appearing for Second /third year are asked to deliver the seminars of the concerned subject. Topics are given by their teachers to the students to prepare for powerpoint presentation.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_251.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_251.pdf</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has devised an efficient mechanism to deal with examination-related grievances which is transparent in the pattern and conduction of CIE and rectification of grievances is time-bound. The college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

At Institute level: At the Institute level, an examination committee, comprising of a senior teacher as convener and other teaching and non-teaching staff as members, is constituted to handle the issues regarding the evaluation process. The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any

discrepancy like mistakes in question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the HOD concerned.

At University level: If students have grievances related to evaluation of university answer scripts it is intimated to the subject handling faculty and head of the department if necessary, for further action.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_252.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_252.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Yes.

The college has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

The students in the course will attain:

1. **Engineering Knowledge:** An ability to apply knowledge of computing, mathematics including discrete mathematics as well as probability and statistics, science, and engineering and technology;
2. **Problem Analysis:** An ability to define a problem and provide a systematic solution with the help of conducting experiments, as well as analyzing and interpreting the data;
3. **Design / Development of Solutions:** An ability to identify, formulate, and provide systematic solutions to complex engineering problems;
4. **Conduct investigations of complex problems:** An ability to use the techniques, skills, and modern engineering technologies tools, standard processes necessary for

practice as an IT professional;

5. Modern Tool Usage An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems with necessary constraints and assumptions;
6. The Engineer and Society An ability to analyze the local and global impact of computing on individuals, organizations and society;
7. Environment and Sustainability
8. Ethics
9. Individual and Team Work
10. Communication
11. Project Management & Finance
12. Lifelong learning

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_261.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_261.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Our Institute is affiliated to SPPU, Pune.

We offer Under Graduate courses under the Faculty of Engineering.

For these programs and courses, the institute follows the curriculum designed by our affiliated university. The Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom and departmental notice board.

After measuring attainment of POs , PSOs and COs, it has been observed that the strength of the students as well as passing percentage of the students is increasing progressively. Besides, students' progression to the higher studies that is from Under Graduate to Post Graduate seems to be increasing consistently and rapidly in the last five years. In a similar way, the ratio of

students' placement is also increasing. We took utmost care of measuring the level of attainment of POs, PSOs and COs and followed formal as well as informal mechanism for the measurement of attainment of the outcomes.

Subsequently, the College took care of the attainment to measure the POs, PSOs and COs and implemented the mechanism.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_262.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_262.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

343

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_263.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_263.pdf</a>

### 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://www.nmiet.edu.in/pdf/aqar/criteria/metric\\_271.pdf](https://www.nmiet.edu.in/pdf/aqar/criteria/metric_271.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	<a href="#">Nil</a>

### 3.2 - Innovation Ecosystem

### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has created an ecosystem for Research and Innovation by recruiting & developing desirable human resources, taking initiative for the creation & dissemination of knowledge, and establishing state-of-the-art infrastructure.

The details are as under:

**1. Promoting Innovation:** The College has created an Innovation & Entrepreneurship Development Cell (IEDC) and Institutional Innovation Council (IIC) for promoting innovation & entrepreneurship activities. The formation of IIC is as per the guidelines of MHRD & AICTE. Students are encouraged to present their innovative working project models & products through the annual project contest "UGCON". The contest witnessed the participation of more than 90 projects across all the departments. The outstanding project ideas are identified for commercial product development or submission to agencies for research funding.

**2. Industry Institute Interaction Cell (IIIC):** College has also established Industry Institute Interaction Cell (IIIC). Institution has initiated various activities like pre-incubation support, startup initiatives training programs. IIIC organizes several Entrepreneurship Awareness Camp programs.

**3. Center of Excellences:** The faculty & students are encouraged to take up research & developmental activities by utilizing the existing resources. Our COE on Big Data & Hadoop, Data Science helped our students to develop necessary skills & develop innovative projects in various domains.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_321.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_321.pdf</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology,

## Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

10

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

10

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

5

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme Units. Through these units, the college undertakes various extension activities in the neighbourhood community.

NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation ,water conservation through construction of Bandhara, road construction, Shramdan, Social interaction, Group discussion Eradication of superstition, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check up camp, Veterinary guidance ,Farmers meet, Awareness about farmer's suicide etc.

Other than NSS units, the various departments of the college is conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantation, Soil and Water Testing, Plastic eradication, No vehicle day, Jananisuraksha, Programme on female foeticide, organizing visit to Orphanages and Anganwadi, Voters awareness, Blood group detection ,Health check -up camps, Blood donation camps, Dental checkup camp, etc.

All these mentioned activities have positive impact on the



students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_341.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_341.pdf</a>
Upload any additional information	No File Uploaded

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

14

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

516

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

58

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

36

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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 equipment etc.

The college has adequate physical and academic facilities required as per University Grant Commission guidelines to run the different programs.

The college campus area is 11 acres, on which building construction is at sufficient space. The various departments in Engineering streams are located in separate blocks. The Classrooms, Laboratories, and Seminar Halls are well equipped along with a computing system and Internet facility.

Besides the building, the college has a spacious playground for sports activities. The college has cultivated an atmosphere providing importance to Extra-Curricular and support services organized by departments of the National Service Scheme.

The College has a lake for water storage under the rainwater harvesting scheme. The college campus is maintained with a clean and neat atmosphere. A spacious garden with pavements and pavers on the campus is developed for students' service. 'Eco-Friendly Open Class Room' is an initiative to provide the importance of Nature in the process of teaching and learning, cultivated in the

campus.

The college is well-equipped with the physical and technology-enabled infrastructure that supports to run smoothly the existing academic programs and administration.

- Well-furnished 17 classrooms.
- All ICT-enabled classrooms.
- All ICT-enabled laboratories.
- Spacious seating arrangements with the qualitative furniture.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_411.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_411.pdf</a>

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

Our college having a well maintained campus spread over 11 acres of serene green land. Our Management believes in the all-round development of our students.

There is a lot of encouragement for the students to participate in sports and culture activities simultaneously and thus they are awarded and rewarded accordingly.

We have a spacious and well-equipped Sports room, where pupils can play Indoor games like table tennis, chess, caroms etc.,

Qualified Physical Directors are been appointed to take care of day-to-day games and sports activities of the college. College teams are formed to take part in state-level and University level competitions and other intercollegiate competitions.

Sports event competitions are conducted in the interdepartmental level in an academic year and the winners are awarded and rewarded accordingly. The outdoor games such as shuttle badminton, volleyball, throw ball, cricket, football, kabaddi, handball, kho-kho, etc., are well-practiced and played by the students.

**Cultural Activities:** Students are very much encouraged to participate in the cultural events held in the college like Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents.

Students are even sent to other colleges for intercollegiate competitions like dances, skits, mimicries etc., We got some clubs/ Committees to enhance the hidden talent of the students namely: Cultural Committee and Sports & Games Committee who play an excellent role for overall development of the student's community.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_412.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_412.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

20

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_413.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_413.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

280352

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The college has a central library. The library has a huge collection of Textbooks, Reference books, and others books with foreign, peer-reviewed journals and bound volumes of journals.

The reading room is well furnished to accommodate 105 students at a time and provides a conducive environment for study. A visitor record is maintained for students and faculty members, New Arrivals of books and journals are displayed on the rack. The library has under closed-circuit television (CCTV) surveillance Cameras.

OPAC: The library has developed the database of its own collection through the library software. The library is fully computerized with a barcode-based issue-and return process, online public access catalog (OPAC) facility is made available in the central library. OPAC is used by students and faculty members to search of books by Title, Author, Subject name, etc.

E-Resources: The library provides more than sufficient E-books and E-journals to students and faculty members.

Internet and reprography facility with a computer system. CDs, DVD, CD-ROM databases, barcode scanners, printers, an audio-video unit with an Internet connection available in the library.

Library Automation: All the active book collection is updated in the library software database and the online public access catalog (OPAC) is available for students and faculty members. The issue and return of the book have been activated in the library software.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_421.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_421.pdf</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**E. None of the above**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**0**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<b>No File Uploaded</b>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

**71**

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The computer lab is well-equipped with branded PCs adequately supported by 300 Mbps leased lines for internet connectivity. It is also equipped with a wide range of licensed system software and application software. The entire campus is connected with LAN. Computer labs are well connected to the internet to help students and faculty to carry out their academic and other work. Lab assistants are available to support students and faculty in their queries. The institute has total of 504 computers.

LAN facility: 3-Layer Switching (Core, Distributed, and Access) model is implemented. Core layer switches in the buildings are connected with the Optical Fiber Ring Network. This core switching is further extended to Distributed Switching for departments. Where 100/1000 Mbps (Gigabit Switches) are installed.

Wi-Fi facility: IT infrastructure department extend complete support to the students. It is made available by setting and installing the Wi-Fi zones at various locations such as Reading halls, Hostels, Department corridors, and at the Green lawn area. Staff and Students can access this facility on their Laptops by registering themselves. The institute has currently state-of-art RUCKUS Wi-Fi access points to provide the Wi-Fi internet access through Wi-Fi zones. The institute is planning to extend this further to create and establish a Wi-Fi enabled campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_431.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_431.pdf</a>

#### 4.3.2 - Number of Computers

603



File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

38138

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

There are established systems and procedures for maintaining and utilizing physical, academic, and support facilities such as laboratory, sports complex, computer, classroom, etc in the institute. The maintenance of physical, academic, and support facilities are carried out by the respective departments with the help of in-house staff on daily basis and periodically. And care has been taken to keep the equipment, machine, etc in working

condition. In case of breakdowns, standard procedure is followed to bring the equipment/machine in working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping. A brief description is presented below on the maintenance and utilization of some facilities.

1. Laboratories (All Labs & Computer center): Each laboratory has one teacher as lab in-charge, a Lab Assistant, and an attendant. The lab in charge is responsible to maintain and upgrade the laboratory with necessary equipment from time to time to cope with changes in the syllabus. Deadstock verification (Physical Verification) is carried out to verify working/nonworking/missing equipment etc.

2. Library: The librarian with supporting staff has been appointed to maintain the central library. They focus on the availability and utilization of instructional material in the teaching and learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_442.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_442.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

946

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

#### 5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

6

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://www.nmiet.edu.in/mechanical/event.php">https://www.nmiet.edu.in/mechanical/event.php</a>
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
1350	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
1350	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b>	<b>A. All of the above</b>
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of placement of outgoing students during the year</b>	
<b>5.2.1.1 - Number of outgoing students placed during the year</b>	

137

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

1

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

**5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )**

Students constitute a major stakeholder in the institutional growth. Utilization of the support and ideas of the students is the paramount requirement for the prosperity and well-being of the institute. NMIET always strives to build a relation of mutual respect and inculcate a sense of pride amongst the students for their own institute.

Institute has a Students' Council, which is constituted with the students of all years of the college and the council act as three different bodies - (1) Student Academic Council, (2) Student Social & Cultural Council and (3) Student Administrative Council. The Chairperson is Dean (Students' Welfare & Alumni) and three faculty advisors co-ordinate with the students. The members of the Council participate in brain storming sessions and formal meetings called for formulating strategies for the overall curricular, co-curricular and extra-curricular development of the students.

- **Functions of Academic Council:** The Student Academic Council (represented by 5-6 students) get the feedback on teaching-learning processes like teaching, course content, study material, practical sessions from the departments,

pertaining to quality improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

5

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- The College has registered Alumni Association. Registration No. isMH/1530/2017/Pune.
- While rejuvenating the memories of the college, a network of old students was achieved.
- Today, it is the backbone of the institution. The institution rests on the rich history of the student's success and glory.
- Association regularly meets and interacts with the management. It is the flag bearer of the developments in the institution.
- The Alumni organizes lectures on personality development. Over the years it has been helping in holding interactive sessions to motivate students regarding social adjustments

and career seeking.

- The alumni also help the institution by influencing industries and other agencies in getting placements fests for the institution. The alumni has expanded and strengthened it with new enrolments.
- The alumni appear for various activities and their suggestions are taken into account. Alumni day is celebrated and their achievements are recognized. The successful alumni are selected as guests of honor for awards.
- The Institution has a social networking page and a separate link in the website where the Alumni can register and connect to share their ideas.

#### Alumni Benefits for Students:

- Personality Development Program
- Career Advising
- Industry Institute Interaction
- Mentoring
- Placement assistance
- Sponsorship
- Project Assistance for final year students

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_541.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_541.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Our GB is reflective and the prime focus is on the vision and mission of the institute.



## VISION

To be a recognizable institution for providing quality technical education & ensuring holistic development of students.

## MISSION

To nurture engineering graduates with highest technical competence, professionalism and problem-solving skills to serve needs of industry & society.

The following strategic characteristics and aspirations enable the College to realize its vision:

- Modern and precise educational experiences that develop the engineers
- An atmosphere that facilitates personal commitment to the educational success of students in an environment that values multiplicity and society
- Education and research partnerships with Universities, colleges and industries
- Highly successful alumni who contribute to the profession in the global society
- Undergraduate and Postgraduate programs that integrate global awareness, communication skills and team building across the curriculum
- Practical and responsible resource management;
- Training that prepares students for interdisciplinary engineering research and advanced problem solving
- Leadership and service to meet society needs.

GB designs and executes Short-term, Long-term plans integrating departmental plans, findings of SWOT analysis, and other recommendations from the stakeholders.

Every year this process is conducted in the institution and presents a long-term plan.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_611.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_611.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institutions follows the Professional Management approach in managing Institutions. Professional Management aims at implementing the concept of innovativeness in managing academic and administrative matters.

The Institutional always believes in the practices of decentralization and participative management. The practice of Decentralization is having own significance in management. It reflects policy decision-making, planning and administration, and office management. Management and Administration is responsible for quality initiatives to promote education to all sections.

The Institutions enhance the quality at various levels - Management, College Development Committee, Governing Council, Principal, IQAC Committee, NAAC Committee, NBA Committee, Various Committees, Academic Staff Welfare, Administrative and Non-teaching Staff, NSS, all the stakeholders involved in the decentralization and participative management.

All are working together for the efficient functioning of the Institutions.

**Management:** The Institution promotes a culture of decentralization and participative management involving all types of stakeholders in the process of decision making. The management always believes in decentralization and participative management. The management endeavors best substantial independence to the Institutions in all areas of the decision-making process.

**2. Administration:** Administration is the backbone of the Institution. Institution firmly believes to provide quality education to society.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_612.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_612.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

- Become a leading technological institution, ranked in the top colleges in all disciplines
  - NBA Accreditation:
  - NAAC 'A' Grade Accreditation
  - NIRF Ranking within 200
- The current student strength is approximately 300 This will reach 420 by the end of the plan.
  - Increase in Intake from 300 to 420
- Infrastructure development
  - Development of Smart Class Rooms
  - Establishment of Community Radio Station
  - Development of IIIC cell
- Specific targets are fixed with respect to research and development cell for the next five years.
  - Increase the number of research projects
  - Increase publications in national/international journals and conference proceedings.
  - New MOUs signed with academic and industrial organizations for research establishments
  - Establish Centres of excellence activities.
  - Development of Incubation Center.
  - More IPR and Copyrights.
  - Development of Consultancy Projects from industry.
  - More number of ResearchProposals.
- To motivate more number of faculty to pursue and complete the doctoral degree as soon as possible.

- More faculties with Ph.D.
- To build mutually beneficial relations with its alumni so that a range of modes of engagement can be explored and Creating more opportunities / activities for alumni to spend time on campus and engage with students and faculty.
- More Number of Alumniengagements.
- Strengthening extension and societal activities.
- Industry Students interaction and Placements

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_621.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_621.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institute has a vision to be a center of excellence in Education and Technology committed to socio-economic advancement of the country. The leadership of NMIET is through participative management all the way through structured organizational system with the involvement of all the Stakeholders.

The key components of the organizational structure of the college are Governing Body (NMIET President and managing council), NMIET Principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. It reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies the financial and recruitment strategies. The organizational structure lends itself to sustaining institutional capacity and educational effectiveness through the involvement of external members in various Committees/ Boards. Various stakeholders of the institute are members of different committees constituted by the institution. The decision-making procedures are made at appropriate levels in the organizational hierarchy.

As per the university/ government guidelines, IQAC Cell, Anti-

ragging Cell, etc. are also in place for the institution. There are various committees with well-defined functions that give academic and administrative leadership to the institution. A committee comprising of administrative staff and faculty members involved in the planning and implementation, academic audit evaluation.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_622.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_622.pdf</a>
Link to Organogram of the institution webpage	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_622.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_622.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

NMIET has effective welfare measures in place for its teaching and non-teaching staff.

The various welfare schemes are as follows:

1. Medical Leave
2. All the non-doctoral staff members are encouraged to get

enrolled in a part-time Ph.D. program.

3. Employees' Welfare Fund

4. Opportunities for international exposure, as per norms

The following facilities are also provided to employees for efficient functioning:

- Yoga classes
- Psychological counseling
- Wi-Fi facility
- Workspace
- Computing facility
- Identity cards
- Sports facilities

Psychological counseling is available for the staff. Uniforms are available for the students at a very low cost. Various kinds of scholarships are available on basis of merit, merit-cum-means, and for the underprivileged sections of society. These are from the Institute's own resources apart from the Government schemes that are available. The staff is encouraged to give suggestions and regular feedback to improve the welfare measures in the Institute.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_631.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_631.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

2

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

#### 6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

41

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

23

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has performance based appraisal system for the assessment of teaching and nonteaching staff. The appraisal report is based on the annual performance of the employees on the basis of their academic, research and other extra- curricular activities.

##### Performance appraisal system for teaching staff

The teacher, as a person and teacher as performer, is also one of the mandatory assessment for his/her performance is appraised through his/her implementation of innovative methodologies in classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, updating of materials etc. Besides, student feedback and pass percentage of the course are also considered. The performance of the faculty is evaluated based on professional contribution to academics, contribution to short term training courses, performing invigilation duties, contribution to College administrative bodies such as college academic council, R&D council, planning and development committee, NBA, NAAC, BOS, etc. Financial support to the faculty is rendered with the motive to enhance or upgrade their knowledge through their participation in conferences, workshops; publications in Scopus indexed journals, book publication, sponsored projects consultancy, research supervision, awards, honors, fellowships etc.



File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_635.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_635.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

The mechanisms used to monitor effective and efficient use of financial resources are as below:

- Before the commencement of every financial year, Principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management.
- College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.
- The expenses will be monitored by the accounts department as per the budget allocated by the management.
- The depreciation costs of various things purchased in the preceding years are also worked out.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_641.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_641.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Principal of the institution monitors the use of resources received from the State Government, UGC, RUSA, etc. The allocated funds are utilized to purchase equipments, chemicals, renovation, and research, organize seminars, workshops, conferences, etc.

Administration and Finance Committee, review the use of resources including audit, budget and account. They make recommendations for better handling of resources and effective mobilization of available funds. For the smooth running of the institution various committees have been constituted, each committee studies its own field and analyses the requirements and then forwards it to the Principal.

Finance committee then looks into these requirements, adding the future aspects of planning. In case of any need where financial support is required, proper demand in writing is made from the concerned Department. For e.g. in case of any requirement, the details of the requirement of the equipment, maintenance

infrastructures etc are prepared and proper procedure for purchase is adopted.

To make teaching-learning effective it is very important that the environment and campus of the institution should be clean. The college staff and students are always ready for it. There is always need for maintaining and upgrading the facilities provided by the college from time to time.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_643.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_643.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC is one of the major policy-making and implementing units in our college. It strives hard for upgrading the college infrastructure and all support facilities to meet the standards of higher education and the growing need of students. It assesses and suggests the parameters of quality education. However, following maybe two examples of best practices institutionalized:

- Academic Audit through IQAC:

The college takes academic audits of each department and various committees every year through IQAC to increase and maintain the quality of education. The academic Audit Committee is set up for this purpose. At the beginning of the academic session, the committee collects the academic plan including publication, extension activity, collaboration, innovative and best practices, assignment, ICT-based activity, students competition, seminar and workshop supposed to organize for better performance. The Committee evaluated plan submitted by the departments and committees, twice in an academic session as per the academic plan and reviewed their academic progress. The report of the committee was submitted to the IQAC and the same is put in the College Development Committee for discussion, suggestion and approval.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_651.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_651.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

After establishing the IQAC in the college, started working towards quality education and inculcating quality culture among the students and staff.

The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NIRF, ARIIA, NBA, AISHE, and various other quality audits recognized by the state, national and international agencies.
5. Establishment of Institute Innovation Council (IIC) under MHRD.
6. Establishing Research and Development cell to promote Research and Development activities.
7. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.
8. Establishment of various processes to take feedback/surveys from various stakeholders.
9. To implement and enhance the use of ICT tools to strengthen the

teaching-learning process.

10. Establishment of the Mentor-mentee process and its effective implementation.

11. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.

File Description	Documents
Paste link for additional information	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_652.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_652.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.nmiet.edu.in/pdf/aqar/criteria/metric_653.pdf">https://www.nmiet.edu.in/pdf/aqar/criteria/metric_653.pdf</a>
Upload e-copies of the accreditations and certifications	<b>No File Uploaded</b>
Upload any additional information	<b>No File Uploaded</b>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

**Measures initiated by the institution for the promotion of gender**

equity during the last five years:

1. Separate NSS unit is started exclusively to encourage the girl students and the unit is successfully conducting various activities to serve the society.
2. The health centre is provided on the campus with a qualified physician with a separate medical room.
3. Beti Bachao, Beti Padhao
4. Celebrations of International Women's Day
5. Yoga Sessions
6. Rakhi Making Competition
7. The institute has a policy of appreciating faculty without gender bias. Women faculty are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently.

File Description	Documents
Annual gender sensitization action plan	<a href="#">NSS Activity on Beti Bachao Beti Padhao</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">Organized Programmes on Women Empowerment</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures 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
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**There are different types of waste disposed of in the college for which there is a proper system functioning.**

The following wastes are being disposed of by the college:

**Solid Waste Management:** Talegaon Dabhade Nagar Parishad collects the solid waste daily from the college.

**Liquid Waste Management-** Talegaon Dabhade Nagar Parishad collects the liquid waste daily from college and organic liquid waste used for the production of Bio-gas from the installed unit.

**Biomedical Waste Management-** There is no biomedical waste management system in the college.

**E-waste Management-** There is a write-off process for E-waste generated in the college.

**Waste recycling system-** There is no system of Waste recycling in the college. However, there is a rainwater harvesting system in the college.

**The E-medical Waste Management-** There is no e-medical waste management system in the college.

**Hazardous chemicals and radioactive waste management-** There is no Hazardous chemicals and radioactive waste management system in the college.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 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
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

#### 7.1.6.1 - The institutional environment and energy initiatives 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	No File Uploaded
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**  
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

**We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have**

amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population.

India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition, students wore the different attire representing the different states, religions and cultures.

Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works to nurture them as better citizens of the country through various curricular and extra-curricular activities.

The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and emphasizing the duties and responsibilities of citizens. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

The institution encourages the participation of students in Sports

and Games, and NSS at the National level to strengthen nationwide bonds and relations. The institution takes pride in rising up successful leaders among the students by conducting the Student Council election every year. The elected representatives are given leadership training and delegate the responsibilities of organizing college programmes with the support of other student volunteers. Staff members participate in the national celebrations, Flag Day and take oaths for the cause of the nation. The institution takes many initiatives like conducting awareness campaigns, organizing orientation programmes, training programmes, seminars and workshops to sensitize the future leaders inherit human values

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">NSS Activities</a>
Any other relevant information	<a href="#">NSS Activities</a>

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized**

**C. Any 2 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

National festivals play an important role in planting seeds of Nationalism and Patriotism among the people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff, and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of the Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the hoisting of the national flag and spreading a warm message of nationalism in a speech by the Principal.

Independence Day is celebrated every year on the 15th of August, parades and flag hoisting are organized and are celebrated to mark the freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

**Best Practice - 1**  
**1. Title of the Practice** Visionary Learning Community of India (VLCi): In order to facilitate the small medium enterprises (SMEs) enhance productivity, the Confederation of Indian Industries (CII) in collaboration with Japan International Cooperative Agency (JICA) by leadership of Anand Group of

Industries launched a special programme called Visionary Laghuudyog MitraMandal (VLMi), which would see the CII and Nutan Maharashtra Institute of Engg Tech (NMIET) collaborating in training sector. The VLMi programme would see the faculty of NMIET being trained, who in turn, would train the batch of SMEs in the area college students.

Best Practice - 2

1. Title of the Practice Title: Innovation Promotion in Micro, Small and Medium-sized Enterprises (MSMEs)  
 Commissioned by: German Federal Ministry for Economic Cooperation and Development (BMZ) Country: India Lead executing agency: Ministry of Micro, Small and Medium Enterprises (MSME) Overall term: 2018 to 2020

2. Objective With support from the program, selected MSMEs have enhanced their capacity for developing inclusive and sustainable innovations.

3. Context Sustainable economic development is at the top of the political agenda in India. By 2017, the aim is for growth to be 'faster, sustainable and more inclusive. Every year, around 12 to 13 million young people enter the labor market. In order to absorb this influx of job seekers, between 120 and 130 million new jobs will need to be created by 2025. The private sector, particularly micro, small and medium-sized enterprises (MSMEs), is expected to be a key driver here.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.nmiet.edu.in/pdf/agar/criteria/metric_271.pdf">https://www.nmiet.edu.in/pdf/agar/criteria/metric_271.pdf</a>
Any other relevant information	<a href="#">Innovation Promotion in Micro, Small and Medium sized Enterprises (MSMEs) Commissioned by: German Federal Ministry for Economic Cooperation and Development (BMZ)</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The vision of the institute is

"To be a recognizable institution for providing quality technical education & ensuring holistic development of students."

The technical education gained by the major stakeholder student will be largely used in the industry to cater to the needs of the society at large. This goal can be substantially achieved through one of the missions of the institute "To nurture engineering graduates with highest technical competence, professionalism and problem-solving skills to serve needs of industry & society". With the various steps towards achieving the vision and mission, the institute received a platinum award for Industry link in CII Survey 2020-21. NMIET has established an Industry Institute Interaction Cell as a distinctive step.

The main objectives of the cell are to connect with the industry on different platforms through the following activities:

- Industry internship for students of 2 to 6 months
- Industry projects
- Industry visits
- Industry expert's session
- Industry and expo visits for the students
- Lab development with the help of industry
- Training
- Placement
- Industry training for faculty
- Training to industry personnel by faculty in 2020-21

Web Link of activities details

<https://www.nmiet.edu.in/iiic/event.php>,

<https://www.nmiet.edu.in/mechanical/industry-institute-interaction.php>,

<https://www.nmiet.edu.in/computer/industry-institute-interaction.php>,

<https://www.nmiet.edu.in/it/iii.php>,

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

- NBA Accreditation
- NAAC 'A' Grade
- NIRF Ranking within 200
- Increase in Intake from 300 to 420
- Development of Incubation Center
- More interaction with industries (AICTE-CII Survey)
- Placement in Product based company
- Establishment of Community Radio Station
- Development in IT other infrastructure