Yearly Status Report - 2019-2020

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 own campus	**Yes**
Phone no/Alternate Phone no.	**02114-231888**
Mobile no.	**9975273889**
Registered Email	**principal@nmiet.edu.in**
Alternate Email	**wadhwalalitkumar@gmail.com**
Address	**NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY, Samarth Vidya Sankul,Vishnupuri, Talegaon Dabhade, Pune**
City/Town	**Pune**
State/UT	**Maharashtra**

Pincode	**410507**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. Vikas N. Nandgaonkar**
Phone no/Alternate Phone no.	**02114231888**
Mobile no.	**9822397772**
Registered Email	**vikas.nandgaonkar@nmiet.edu.in**
Alternate Email	**vikas.nandgaonkar@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.nmiet.edu.in/pdf/2019/AQAR-2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.nmiet.edu.in

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.58**	**2018**	**16-Aug-2018**	**15-Aug-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**10-Jun-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Seminar on Current trends in IT industry session by industry expert	16-Aug-2019 1	127
Expert session on Technical Paper writing	31-Aug-2019 1	34
Foreign Language Courses started - Japanese & German	19-Jul-2019 360	60
NBA Activity started	15-Jul-2019 1	62
Submitted FUNDING Proposals submitted to AICTE :06	31-Dec-2019 5	6
Session on copyright for students and faculty members	24-Aug-2019 1	36
Conducted IPR session for students	28-Aug-2019 3	278
Students participated in HACKATHON 2019	05-Feb-2020 3	97
Applied for NIRF Ranking	27-Nov-2019 5	5
Applied for ARIIA Ranking	31-Oct-2019 5	5
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2020 0	0
[View File](#)				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)

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

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

1. Applied for NIRF Ranking

2. Applied for ARIIA Ranking

3. NBA Activity started

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

5. AQAR Submitted for AY 201819

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
IQAC Meeting	Academic Planning
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	17-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	A management information system (MIS) is a computer system consisting of hardware and software that serves as the backbone of an organization's operations. An MIS gathers data from

multiple online systems, analyzes the information, and reports data to aid in management decision making. The following modules are included in MIS of our institute: Learning Module Academic Monitoring Module Attendance Module Accounting Module Leave Management Module

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

We adopt the curriculum overview provided by the Savitribai Phule Pune University (SPPU), Pune. Depending on our resource potentiality, institutional goals and concern towards 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 executives the curriculum. HOD's Meeting: HOD's Meetings are held once in 15 days. Head of the Department discuss their action plans to arrive an optimal and effective way. Academic Calendar: Academic Calendar is prepared as per the SPPU academic schedule and the requirements at the department level as per the action plans formed. Lesson Plan: A 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 how the lecture class will be handled throughout the semester. Meeting the Vision and Mission of the Concerned Department: Each department sets their own Vision and Mission which match with the Institutional Vision and Mission. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program and Course Objectives (CO) and course outcomes are defined for each course (theory and lab).

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
BVOC Course	Software Development	19/08/2019	1095	Focus on employability	Skill Development
BVOC Course	Graphics Multimedia	19/08/2019	1095	Focus on employability	Skill Development
BVOC Course	Refrigeration and air conditioning	19/08/2019	1095	Focus on employability	Skill Development
BVOC Courses	Automotive Manufacturing Technology	19/08/2019	1095	Focus on employability	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction

BVoc	Software Development	19/08/2019
BVoc	Graphics Multimedia	19/08/2019
BVoc	Automotive Manufacturing Technology	19/08/2019
BVoc	Refrigeration and air conditioning	19/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	15/06/2019
BE	Computer Engineering	15/06/2019
BE	Information Technology	15/06/2019
BE	E&TC Engineering	15/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	3

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Project Based Learning(PBL-2020)	02/07/2020	160
Webinar on Current trends in signal processing communication and embedded systems	15/07/2020	81
Basic Metrology,3D-CMM,Geometric Dimensioning and Tolerancing(GDT) at Accurate Sales and Services Pvt Ltd	11/07/2019	42
Inplant Training in CAD/CAM,Design Tool Room at CIPET Aurangabad	23/12/2019	5
Ionic Framework for Mobile App Development	21/07/2020	213
Java Business Application Training with IIT Bombay Spoken Tutorials	07/09/2020	354
Python Programming Workshop	15/07/2019	55
LATEX WORKSHOP	02/10/2019	60

Session on "Job Opportunities for ETC engineer in IT Company"	30/12/2019	65
Four Days Workshop (Add-on course) on Fundamentals of C and C	26/12/2019	65
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	68
BE	Computer Engineering	45
BE	Information Technology	75
BE	E&TC Engineering	26
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. Nutan Maharashtra Institute of Engineering Technology thoroughly reviews the curriculum for every academic year. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. Institute collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum which is prescribed by the university, further college website invites all stockholders to provide feedback through online. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R D establishments and professionals is obtained through college website's feedback blog. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year. Whenever any alumnus visits the college, feedback is taken. Further, college website invites alumni to provide feedback through online. Feedback from industry, R D establishments, professional bodies also are obtained.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Engineering	63	68	68
BE	Information Technology	63	63	63
BE	Mechanical Engineering	126	19	19
BE	E&TC Engineering	63	45	45
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1161	Nill	63	Nill	Nill

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
63	63	5	21	21	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring students is a unique, interactive and target oriented system involving student to address common student concerns ranging from anxiety, stress, fear of change and failure to home sickness and a slew of other academic worries. It is a process of creating a supporting relationship with teachers, parents and students aiming at comprehensive development of students. In this activity, mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students for extracurricular activity. Counseling the students and teachers is the distinguished activity carried out at NMIET to prepare the students and teachers to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work deserve attention. Counseling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. The Chairman, Student Counseling Cell supervises and effectively implements mentoring activity at college level. He has a team of coordinators at department level and first year to

assist him in smooth operation of mentoring by all teachers. Students' Counseling Cell will hold a meeting once in a month with all Departmental Guardian Faculty Members. Departmental Guardian Faculty Member distributes the hard copy of required formats to the department mentors. Departmental GFM conducts the meeting once in the month within department and maintain the minutes. The process of mentoring includes appointment of teachers as mentors to the batch of 18 to 20 students of each class. This ensures that every student is allotted a mentor. Students allocated to specific mentor will remain with him/her till the completion of the semester. Then for next semester, new mentors are appointed who are teaching the subjects to the respective class. The mentor establishes the contact with the parents through telephonic discussion appraise them about the development of their ward. The mentee meets the mentors once in a fortnight and the observations about mentee viz. achievements, doubts, fears, grievances etc. are recorded. Based on which, the student is counseled in the necessary areas/ issues where he/she needs mentoring. Depending on the severity of issues of mentee, he/she is forwarded to central counseling where the mentee is counseled by professional counselors, appointed by NMVPM Society. The timely and extensive implementation of mentoring generates healthy interaction between students, parents and teachers and results in less student grievances. The mentoring activity at NMIET is helping the students for overall comprehensive development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1161	63	1:18

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
63	63	Nill	43	7

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Nitin Dhawas	Assistant Professor	NPTEL Certification
2019	Nitin Wankhade	Assistant Professor	NPTEL Certification
2019	Shradha Kirve	Assistant Professor	NPTEL Certification
2019	Manoj Kate	Assistant Professor	FDP on OBE by Margdarshan Scheme of AICTE from Government College of Engineering, Karad
2019	Spandan Waghmare	Assistant Professor	FDP on SCILAB from IIT Bombay
2019	Balaso Kusure	Assistant Professor	FDP on OBE by Margdarshan Scheme of AICTE from Government College of Engineering, Karad
2019	Rohit Jadhao	Assistant Professor	FDP on OBE by Margdarshan Scheme

			of AICTE from Government College of Engineering, Karad
2019	Ganesh Karpe	Assistant Professor	FDP on Python 3.4.3 Training from IIT Bombay
2019	Mangesh Kale	Assistant Professor	FDP on R Language from IIT Bombay
2019	Vishal Rajput	Assistant Professor	FDP on R Language from IIT Bombay
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	631024510	SE	11/04/2020	20/07/2020
BE	631024510	TE	11/04/2020	29/07/2020
BE	631024610	SE	11/04/2020	20/07/2020
BE	631024610TE	TE	11/04/2020	29/07/2020
BE	631037210	SE	11/04/2020	20/07/2020
BE	631037210	TE	11/04/2020	29/07/2020
BE	631061210	SE	11/04/2020	20/07/2020
BE	631061210	TE	11/04/2020	29/07/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Assessment and Evaluation process This is a two tier system. 1. University defined and 2. Institute defined SPPU Pune conducts various examinations to evaluate the students. There are the evaluation examinations of the affiliating university such as Online MCQ Tests (Phase 1 2) for First and Second year, Insemester Exam for 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 commencement of each semester. Also, to promote students learning and involvement in extracurricular activities term work norms are prepared well in advance. The institute has defined set of internal assessment. The CEO and Examination Committee schedules and executes the evaluation process with strict monitoring on regular basis. The Principal also takes stock of the progress in weekly HOD meetings. CCTV cameras are deployed at all class rooms, exam cell and laboratories to monitor the online examinations. Each department has Examination Coordinator for smooth conduction of Internal Tests. The results of each test are strictly declared within a week of the conclusion of the test. The students can see their respective answer sheets and discuss their queries with concerned staff. The term work evaluation is done by respective course teachers in the mid and at the end of semester. The students re notified about

their performance evaluation of students is displayed on notice board through Continuous Assessment Report (CAR). Student can discuss any queries about CAR with the concerned teachers.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institutions have gained its unique position among peer institutions through scrupulously planning and executing the Teaching-Learning processes. Following points are considered in the execution process. Preparation of Academic Calendar The SPPU, Pune publish academic calendar for the complete academic calendar for engineering and other faculties. Contents of Academic Calendar Commencement of teaching Conclusion of Teaching Practical / Oral / Theory Examination dates Result declaration dates Submission dates Holidays This university calendar is used as a reference point to prepare academic calendar of the institute. Academic calendar is prepared and circulated at least 45 days in advance to all concerned. Such a calendar for Semester II of 2019-20 is uploaded. It mainly consists of start and end dates of the teaching, examination, result declaration and submission dates, Holidays, etc.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.nmiet.edu.in/pdf/program-outcome.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
631061210	BE	Mechanical Engineering	170	170	100
631037210	BE	Electronics & Telecommunication	30	30	100
631024610	BE	Information Technology	37	37	100
631037210	BE	Computer Engineering	56	56	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.nmiet.edu.in/StudentSatisfactionSurvey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year

Interdisciplinary Projects	270	GIZ (MHRDC)	156996	156996
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Copyrights -Intellectual Property Rights	IQAC	24/08/2019
Expert Session on IPR	IQAC	25/07/2020
Technical Paper writing	IQAC	31/08/2020
Industry Academia Meet	IIIC	12/12/2019
Drone Making Workshop	ETC Engineering	19/09/2019
Industrial Automation Workshop	ETC Engineering	18/07/2019
E-Yantra Lab	ETC Engineering	30/07/2019
JICA – CII – NMIET - CoE Meet	Mechanical Engineering	27/07/2019
VLCI use to complete our Dreams	Mechanical Engineering	13/09/2019
VLCI Input Session for S.E. Mechanical	Mechanical Engineering	20/06/2019
VLCI Input Session for T.E. Mechanical DIV B	Mechanical Engineering	29/06/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
The method for system detecting faulty lights of an automobile warning the operator	Mayur Fakkadrao Chaudhari	Patent Office	22/10/2019	IPR
Awarded Excellence in Engineering Education through Industry Academia Linkage at Shreyas Quality Management System Nagpur	Nutan Maharashtra Institute of Engineering Technology	IEI - SQMS Quality Progress Award 2020	01/02/2020	Industry-Academia Linkage
Participated in AICTE Utkrisht Sansth	Nutan Maharashtra Institute of	AICTE	10/06/2020	Innovative spirit and scientific

anVishwakarma Award (USVA – 2020)	Engineering Technology			temperament for holistic development of society
Participated in ARIIA – 2019 (Atal Ranking of Institutions on Innovations and Achievements) Award	Nutan Maharashtra Institute of Engineering Technology	Ministry of Education (MoE), Govt. of India	29/11/2019	Innovation Achievement
Participated in National Institutional Ranking Framework (NIRF-2019)	Nutan Maharashtra Institute of Engineering Technology	Ministry of Human Resource Development Government of India	31/10/2019	Teaching standards, research work, placements and outreach programmes
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	NIL	NIL	NIL	NIL	Nill
[View File](#)					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Information Technology	18	3.5
International	Computer Engineering	4	2.8
International	ETC Engineering	9	3.1
International	Mechanical Engineering	4	3.6
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication

ETC Engineering	9
Information Technology	14
Computer Engineering	4
Mechanical Engineering	6
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Mobility Prediction Performance Evaluation for Resource Constrained Ad-hoc Communication Networks	N A Dhawas	Our Heritage (UGC Care Journal)	2020	0	NMIET	Nill
Generation and Optimization of Lattice Structure on I Beam	Prashant Maske	IJRESM	2019	0	NMIET	Nill
Advanced Water Quality Monitoring with IOT	N A Dhawas	International Research Journal of Engineering Technology (IRJET)	2020	0	NMIET	Nill
Student Behaviour Identification Using-FER	A.V.Surana	International Research Journal of Engineering Technology (IRJET)	2020	0	NMIET	Nill
Investigation of Magnetic Field on Vapour Compression Cycle	Prashant Maske	IJSART	2019	0	NMIET	Nill

Innovative Human Machine Interfacing Using Deep Learning CNN Algorithm for Mobility Prediction	N A Dhawas	RESEARCH REVIEW International Journal of Multidisciplinary	2019	0	NMIET	Nill
Multimodal Biometric Authentication Based on Feature level fusion: A Novel Approach to Improve Genuine Acceptance Rate in Case of Accidental Injuries on Biometric Traits	Gayatri U Bokade (Ambadkar)	The IUP journal of Telecommunication (2019 UGC journal)	2019	0	NMIET	Nill
Invisible video watermarking for data integrity and security based on discrete wavelet transform-a review	N A Dhawas	ICCIP-2019	2019	2	NMIET	2
Investigation and improvement of conveyor system	Mangesh Kale	IJSART	2019	0	NMIET	Nill
Systematic Literature Review of MANET and	N A Dhawas	Global Research Conference Forum (GRCF),	2019	0	NMIET	Nill

IOT Cumulative Execution for High Performance		Pune India				
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Systematic Literature Review of MANET and IOT Cumulative Execution for High Performance	Dr. Lalitkumar Wadhwa	Global Research Conference Forum (GRCF), Pune India	2019	Nill	Nill	NMIET
COVID19 IDENTIFICATION FROM CHEST X-RAY USING LOCAL BINARY PATTERNS AND MULTILAYER PERCEPTRONS	Sanjay Sange	Journal of Critical Review	2019	Nill	Nill	NMIET
Student Behaviour Identification Using-FER	A.V.Surana	International Research Journal of Engineering Technology (IRJET)	2019	Nill	Nill	NMIET
To improve data hiding using Combination of cryptography and stegnography	Vikas Nandgaonkar	International journal of Technical innovation in mordern Engnieering Science	2019	Nill	Nill	NMIET
Multimodal Biometric Authentica	Gayatri U Bokade	The IUP journal of Telecommunication	2019	Nill	Nill	DYPIET

tion Based on Feature level fusion: A Novel Approach to Improve Genuine Acceptance Rate in Case of Accidental Injuries on Biometric Traits		(2019 UGC journal)				
SECURE MULTIMODAL BIOMETRIC AUTHENTICA TION USING FACE, PALMPRINT AND EAR: A FEATURE LEVEL FUSION APPROACH	Gayatri U Bokade	(IEEE conference at IIT Kanpur) THE 10th ICCCNT2019 (Scopus Index)	2019	Nill	Nill	DYPIET
Feature Selection for Embedded Media in the Context of Personific ation	Prema Gawade (Sahane)	Internat ional Conference on Inventive Research in Computing Applicatio ns-2020 (Scopus Indexed) IEEE proce edings	2019	Nill	Nill	PICT
Forensic Human Iden tification using Dual Cross Patterns of Dental Panoramic Radiograph s	Sagar Joshi	Helix Journal	2020	Nill	Nill	DYPIT
Multivar iate Analytic Technique	Sagar Joshi	IJITEE Journal	2020	Nill	Nill	DYPIT

for Forensic Human Identification based on Dual Cross Patterns of Hand Radiographs						
Deep Learning Based Person Authentication Using Hand Radiographs: A Forensic Approach	Sagar Joshi	IEEE Access	2020	Nill	Nill	DYPIT

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	45	86	30	62
Presented papers	28	Nill	Nill	3
Resource persons	Nill	1	2	9

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Sangali- Kolhapur Flood Relief Collection Drive	NSS SPPU	25	40
Yoga Day Celebration	NSS SPPU	4	53
Harit Wari Campaign	NSS SPPU	1	35
River Cleaning Campaign	NSS SPPU	1	8
Tree Plantation	NSS Jivan Vidya Mission	4	20
Street Play- Andhashreadha Nirmulan	Maharashtra Andhashradha Nirmulan Samiti	1	16

Swacha Wari Swastha Wari Nirmal Wari Harit Wari	NSS SPPU	2	57
Guinness World Record- Sapling Distribution	NSS SPPU	2	120

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
0	0	0	Nill

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Health Awareness	SPPU	Say No to Tobacco	5	47
Swacha Bharat Abhiyan	SPPU	Swacha Wari Swastha Wari Nirmal Wari Harit Wari	2	57
Gender Issue	Maharashtra Andhashradha Nirmulan Samiti	Street Play- Andhashradha Nirmulan	1	16
Health Awareness	SPPU	Sex Education	4	25

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Internship	45	GIZ MHRDC	270

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Afkon engineers	Gat no.52 Jyotiba Nagar Talwade	01/06/2019	11/06/2019	1

Internship	Ultra Engineers	MIDC Bhosari	13/12/2019	19/12/2019	2
Internship	Tool Room and Engineering Services	Sector no. 10 Plot no. 146 A,P.C.N.T.D.A. Bhosari,Pune 411026	13/12/2019	18/12/2019	6
Project Work, Internship	MHRDC	GIZ	01/01/2019	15/08/2019	45
Internship	Accurate Engineering Company Pvt Ltd.	67, Swami Vivekanand Nagar, Hadapsar Industrial Estate, Hadapsar, Pune, Maharashtra 411013	11/07/2019	12/07/2020	10
Internship	SS Engineers	SBlock,W-150,Bhosari,Pune 41102	11/12/2019	17/12/2019	6
Internship	Aarav Construction	Orabelle, opp. S.B Patil school, Near basket bridge, Ravet, Pune-412101	10/12/2019	27/12/2019	2
Internship	Abhijeet Engineers	Gate no 57 Bebedohol opp. Tata Motors Ltd. Tal. - maval, dist. - pune	14/12/2019	28/12/2019	3
Internship	DAYLA PRECISION	Gat no. 432/1/A, Paisa Fund Premises, Talegaon Dabhade	21/12/2019	23/12/2019	4
Internship	Ultra Engineers	MIDC Bhosari	13/12/2019	19/12/2019	8
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 3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs

Kanaad Services Training	04/07/2019	Inustrial Training	30
Technology Transfer Solutions Pvt. Ltd.	02/09/2019	Project Sponsorship	6
Akash Electronics	08/07/2019	Industry Visit	30
Telecom Sector Skill Council	05/06/2019	Industial Training	29
A Square Electro Engineering Pvt. Ltd.	09/07/2019	Hands on training	30
Wisdom Sprouts	04/08/2019	Training Industrial Visit	29
YUSHAI Systems	04/06/2019	Expert Lecture	60
Manas Automotive	10/07/2019	Internship, visits, GIZ Projects	16
Mask Polymers	05/06/2019	Internship, visits, GIZ Projects	20
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3717000	1937220
352000	0
250000	167735
910000	577249

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS	Nature of automation (fully	Version	Year of automation

software	or patially)		
System for Library Information and Management (SLIM)	Fully	3.5.0.33040	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	8655	3370719	50	23228	8705	3393947
Reference Books	5056	1685359	84	46116	5140	1731475
Journals	66	163915	24	63339	90	227254
Library Automation	1	128960	Nill	Nill	1	128960
Weeding (hard & soft)	333	98885	Nill	Nill	333	98885

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nitin Dhawas	Software Engineering	Google Classroom	15/06/2020
Vikas Nandgaonkar	Theory of Computation	YouTube Channel	15/06/2020
Prema Sahane	Operating Systems	WebEx Software	23/06/2020
Sagar Joshi	Digital Circuits	Zoom Software	06/07/2020
Vilas Deotare	Electrical Circuits	ERP Software	06/07/2020
Amruta Surana	Database Management Systems	ERP Software	15/06/2019
Dhanshri Patil	Computer Graphics	Zoom Software	15/04/2020
Manojkumar Kate	Dynamics of Machinery	WebEx Software	15/06/2020
Rohit Jadhao	Heat Transfers	WebEx Software	15/06/2020
Mangesh Kale	Hydralics and Pnuematics	WebEx Software	15/06/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidt	Others

								h (MBPS/ GBPS)	
Existing	568	390	568	18	50	14	390	155	0
Added	25	25	25	0	0	0	25	45	0
Total	593	415	593	18	50	14	415	200	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

200 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Google Classroom	https://classroom.google.com/u/0/h
WebEx Software	https://nmvpm.webex.com/webappng/sites/ nmvpm/dashboard?siteurl=nmvpm
ERP Software	https://bawasakar.com/oraerp/nmiet/logi n.html
YouTube Channel	https://www.youtube.com/channel/UCafxWo 1OsTKIRZZyFOeSoSQ
Zoom Software	https://zoom.us/j/94935111083?pwd=MERld GU3SkEvSW95cWtXLzVCb3Vvdz09#success

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
2233000	520576	21119354	2547570

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories. The Maintenance committee is headed by the Office Superintendent who in turn monitors the work of the Supervisor at the next level. The Supervisor is accountable to the Office Superintendent and functions as the coordinator who efficiently organizes the workforce, maintaining duty files containing details about their individual floor wise responsibilities, timings, leave etc. The maintenance officer conducts periodic checks to ensure the efficiency / working condition of the infrastructure. Adequate in house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staff rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non teaching staff assigned for each floor. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. Optimum working condition of all properties/ equipment on the campus

is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Elevator, Air Conditioners, CCTV cameras and Water Purifiers. Apart from contract workers, the college has trained in house electricians and plumbers. Lab assistants under the supervision of the System administrator maintain the efficiency of the college computers and accessories. Parking facility is well organized. It is efficiently maintained by annually renewed contract employees. The campus maintenance is monitored through surveillance Cameras. Proper inspection is done and verification of stock takes place at the end of every year. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. Pest control of library books and records is done every year by the maintenance department. Estate office manager and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping. The non-teaching staff is also trained in maintenance of science and computer equipment. The Estate office workers look after the maintenance of rest rooms, approach roads and neatness of the entire premises. Housekeeping services are regularly executed and monitored. Electrical Maintenance of Generator, UPS, Batteries, EPABX) Monitor electrical equipment such as Generator, UPS, Batteries, EPABX monthly and enter the condition/Status of equipment in Log book Call the contractor (belonging to equipment) in case of major fault. The contractor analyses the fault and submit its report. If the replacement of any part is necessary then call the quotations purchase as per centralized purchase procedure. Inspect the work done by the contractor and ensure smooth functioning of equipment. Report the completion of work to the Principal and Registrar.

https://www.nmiet.edu.in

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Government Scholarship	803	2876694
Financial Support from Other Sources			
a) National	0	Nill	0
b)International	0	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
GD - Street Food and Swacchha Bharat	14/01/2020	16	Training Placement Division
Carrer in Management after BE, How to prepare for Competitive exam,why student do	11/01/2019	56	Alumni Association Activity

MBA after BE?			
Interaction of Placed Students with Campus Credential Training Enrolled Students	09/01/2020	55	Training Placement Division
Campus Credential Training	05/06/2019	45	Training Placement Division
Three Day's workshop on Android Programming	03/09/2019	45	Computer Engineering Student Association
Human Relation Audit Course	11/01/2020	40	Mechanical Engineering Student Association
Road Safety Audit Course	11/01/2020	40	Mechanical Engineering Student Association
Gap for Higher Education,Need of Soft Skill,GD Preparation	30/01/2020	42	Alumni Association Activity
Cleanliness,Respect,Punctuality, Sleeping time,Reading Workshop	16/01/2020	25	NSS Activity
Yoga Day Celebration	21/06/2019	60	NSS Activity
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Career Counselling Competitive Examinations	168	437	13	135
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Capgemini	39	11	Montanari Lifts	5	2

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	Engineering	Computer Engineering	CDAC Pune	CDAC
2019	1	Engineering	Information Technology	PTVA Institute of Management Mumbai	MBA
2019	1	Engineering	Information Technology	CDAC Mumbai	CDAC

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
Civil Services	1
Any Other	3

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Essay Competition	Institute	625
Cultural Gathering	Institute	281
Collegiate Sports Competition	Institute	250
Elocution Competition	Institute	56
Debate Competition	Institute	250
Cultural Event Youth Festival	Institute	148

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the	National/	Number of	Number of	Student ID	Name of the

	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2020	Pune Distric Sports Com petition	National	1	Nill	71916564E	Adesh Bharat Sawant

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Yes, Institute has Student Council. Till last year the selection process was to collect the forms from eligible students. An eligibility criterion is that the student should have cleared all the subjects of previous year and interviewed for the respective post. Constitution 1.Principal 2.Principal nominated faculty (Student Council Faculty Coordinator) 3.Physical Director 4.NSS Program Officer 5.Three Academic Toppers from F.E., S.E. T.E. 6.Cultural Student Coordinator 7.Sports Student Coordinator 8.NSS Coordinator 9.Principal nominated two Girls Representatives Funding There is no funding from any Govt. body. Institute bares all the expenses. Activities The Students' Council organizes many activities through its representative's viz. Sports Coordinator, Cultural Coordinator NSS Coordinator.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has registered Alumni Association with Registration No. MH/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. 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 enrollments. 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 Placement assistance Project Assistance for final year students Arranging seminar for TE/BE students Alumni Objectives: 1.To bring together students of NMIET youth in every area to act as their representative and coordinate, synchronize and promote their interest in all matters. 2.To utilize the experience, wisdom, zeal, ability and spare time of past students of the NMIET the society for the benefit of the weaker section of the society. 3.To take up public interest matters relating to the past students of NMIET in this area with State and Central Government and Semi Government or private organizations or public cooperations. 4.To promote and provide for education, educational scholarships and medical relief useful to poor and the needy students of NMIET. 5.To promote sports education, culture knowledge by arranging seminars of past students of NMIET. 6.To make the students career oriented and attain international standard and by sheer professionalism. 7.To arrange seminars and to develop activities for healthy environment, and to avoid pollution developed the habit of tree plantation cultivate horticulture gardens and agriculture plants in selected areas. 8.To bring about better living condition, mutual

cooperation amongst the past students of NMIET by implementing recreational facilities. To develop the library and other necessary activities for past students of NMIET. 9.To help and assist financially or otherwise, old age homes, rescue homes, health care units, family welfare centers, seminars etc. 10.To arrange, conduct and hold seminars, conferences, discussions, symposia etc for past students.

5.4.2 – No. of enrolled Alumni:

2015

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. 1. Principal Level The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee (AMC) headed by the Principal in order to fulfill the vision and mission of the institute. AMC formulates common working procedures and entrusts the implementation with the faculty members. 2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extra-curricular activities. They are given authority to conduct industrial tours and to have tie-up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. Other parts of the institute like sports, library, etc. have operational autonomy under the guidance of the various committees. 3. Student Level Students are empowered to play an active role as a coordinator of students associations, co-curricular, extra-curricular and NSS activities. Participative Management The institute promotes a culture of participative management by involving staff and students in various activities. All decisions of the institution are governed by management of facts, information and objectives. Both students and faculties allowed expressing themselves of any suggestions to improve the excellence in any aspect of the Institute. 1. Strategic Level The Principal, dean academics and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute. For the various programs to be conducted by the institute staff members meet, discuss, share their opinion and plan for the event and form various committees involving students. 2. Functional Level At functional level the faculty members participate in sharing the knowledge by discussing on latest trends/technology during faculty meeting. Staff members are involved in preparation of annual budget of institute. Faculty members also write joint research papers and share their knowledge. 3. Operational level The Principal of the institution is a member secretary of the GB. The GB gives suggestions and monitors the procurement, introduction of new programs and welfare activities. The Principal of the institution is

responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE, Govt. of Maharashtra, UGC, Affiliating University, etc., The budget is earmarked for staff members and students to participate in various programmes organized by the institute. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards. Office staff is involved in executing day to day support services for both students and faculties.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The Institution follows a threefold system which involves curricular, co-curricular and extra-curricular activities. The curriculum being followed is designed in such a way so as to enhance and empower the knowledge base of students through a unique value system, transparent work culture, and excellent academic and physical environment.
Teaching and Learning	Excellence in teaching and learning is achieved by recruiting good competent teaching faculty. Total 80 of the student admissions are carried out through government central admission program. The remaining 20 admissions are carried out by the management on merit basis. In order to have smooth conduction of teaching, meticulous planning is done prior to the commencement of semester. Institute practices blend of traditional teaching and student centered learning practices such as Project Based Learning (PBL) and Active Learning. Weekly syllabus completion status is monitored. Tests and tutorials are conducted on a regular basis to ensure that the students grasp the concepts being delivered in the classrooms and laboratory sessions. A feedback mechanism for the faculty by the students facilitates in continuous improvement in teaching learning process.
Examination and Evaluation	Assessment and Evaluation process. This is a two tier system. 1. University defined and 2. Institute defined SPPU Pune conducts various examinations to evaluate the students.

	There are the evaluation examinations of the affiliating university such as Online MCQ Tests (Phase 1 2) for First and Second year, In-semester Exam for third and final year, Pr/Or exams and End-Semester 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 commencement of each semester. Also, to promote students learning and involvement in extracurricular activities term work norms are prepared well in advance. The institute has defined set of internal assessment.
Research and Development	Institute is having separate RD cell. The RD cell comprises of faculty members from various departments of the institute. This committee oversees the smooth and efficient coordination of research and development activities in the institute, thus fostering overall growth. A senior faculty heads this cell in the capacity of Dean (RD), with the principal presiding over. Aims and Objectives of RD Cell Following Aims and Objectives have been set by the institute for itself with regard to RD activities. Aims To inculcate the spirit and culture of research amongst faculty and students. To enhance interaction and cooperation between researchers for interdisciplinary and multidisciplinary work. To forge academic and research collaborations with national and international universities, government agencies and industries. To establish links with various RD organizations and funding agencies for sponsored and contract research. To take up problems faced by local industry and provide solutions to them. To work towards development of NMIET as a renowned RD center.
Library, ICT and Physical Infrastructure / Instrumentation	The college has central library and four departmental libraries. There is an Open Access Catalogue for students and staff. The reading room is well furnished to accommodate students at a time and provides conducive environment for study. Exclusive reference section is available in the library. A visitor's book is maintained for students and staff. New arrivals of

	books and journals are displayed on separate stands and racks. Each student gets Security of resources is ensured through a system of checking at the exit point for all resources borrowed by the users. Visitors are also required to sign noting the time of entry and exit. CCTV cameras are installed in the library for strict surveillance. Web OPAC (Online Public Access Catalogue) facility is made available through SLIM21 Library Management Software to know the bibliographical details about the collection. One separate node is made available in the Central Library for OPAC facility. And as it is a Web OPAC user from any location can search the library collection. Search by giving Title, Author, and domain can be carried out.
Human Resource Management	Human Resource Management involves management functions like planning, organizing, directing and controlling it involves procurement, development, maintenance of human resource It helps to achieve individual, organizational and social objectives Human Resource Management is a multidisciplinary subject. It includes the study of management, psychology, communication, economics and sociology. It involves team spirit and team work. It is a continuous process.
Industry Interaction / Collaboration	Group of Students like whole class visit the medium scale and large scale industries along with their teachers and mentors. It is organized as per syllabus and frequency is defined. This activity includes site visit, observing technology, machines , systems , production , processes , etc. Also communication with the industry personnel like engineers, managers and operators. This knowledge will enrich the technical base of budding engineers. Ideas for project work , future job opportunity , etc are the outcomes of the Industrial Visits. Industrial visit more often clears the technical concepts of the concerned subjects. Sessions by Industry Experts is the perfect way of input in technical learning. Our Institute is associated with such experts. Around 50 sessions are conducted by Industry Domain Experts. Update knowledge

	transfer helps a lot to get motivation in engineering education. Availability of these resource persons is the major asset of our teaching system. Internship and Summer Vacation Training in industries are suggested to the students after every semester. Students learn technical work in this training. Exposure to industrial environment helps the students to get insight into technical field. MoUs are made with the industries for such cooperation in Internships. This campus is surrounded by MIDCs like Chakan MIDC, Ambi MIDC , Bhosari MIDC ,Hinjewadi IT Park , Pimpri Chinchwad MIDC , Pirangut MIDC, etc. Staff or faculties from our Institute conduct sessions for the employees of the industry. Topics are like Stress Management, Life Skills, Work Ethics, Soft Skills, and Careers of Kids of the employees. These are free sessions on behalf of Institute.
Admission of Students	The institute is the part of the centralized admission process of the state government. The admissions are strictly followed as per the rules regulation of Government of Maharashtra. The institute has developed the academic plan, course plan lesson plans. The student centric methods like experiential learning, participative management problem solving methods are employed at program level, course level lesson level. The case studies narrating the student centric methods innovations are part of the SSR. As the assessment is essential vital in learning is done by designing reforms in continuous assessment, project assessment and also by maintaining the transparency in the assessment system. The assessment is done in all 3 domains of learning viz. Cognitive, psychomotor and effective domain. Assessment of learning levels of the students Every year the college organizes an Induction Program for the First Year students. It opens with the Principal's Address and includes – Introductory sessions conducted by dean academics faculty members (who are incharges of various extracurricular and professional activities taking place within college campus), Talks by the Training and Placement officer. In the orientation, following points are discussed: 1.First year

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	ERPCloud Vision System, Email id:cloudvisionsys.com, Mob No: 02041202654
Administration	ERPCloud Vision System, Email id:cloudvisionsys.com, Mob No: 02041202654
Finance and Accounts	ERPCloud Vision System, Email id:cloudvisionsys.com, Mob No: 02041202654, Tally ERP
Student Admission and Support	ERPCloud Vision System, Email id:cloudvisionsys.com, Mob No: 02041202654
Examination	Intel, MyExamo

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nitin Dhawas	CII Industry-Academia Conclave 2019	Confederation of Indian Industry (CII) Pune Zonal Office	2360
		View File		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP on Data Science	FDP on Data Science	10/06/2019	15/06/2019	50	5
2019	One Day NBA Awareness Workshop	NBA Awareness	11/08/2019	11/08/2019	18	3
2020	FDP on SCILAB	FDP on SCILAB	23/04/2020	27/04/2020	5	2

	from IIT Bombay					
2020	FDPs of ADVANCED CPP from IIT Bombay	FDPs of ADVANCED CPP	24/04/2020	01/05/2020	1	1
2020	FDPs of OpenFOAM from IIT Bombay	FDPs of OpenFOAM	13/05/2020	17/05/2020	3	3
2020	FDP on R Programming from IIT Bombay	FDP on R Programming	28/04/2019	02/05/2020	2	2
2020	FDP on Python 3.4.3 Training from IIT Bombay	FDP on Python 3.4.3 Training	18/04/2020	22/04/2020	3	3
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on OBE by Margdarshan Scheme of AICTE from Government College of Engineering, Karad	4	11/05/2020	15/05/2020	5
FDP on SCILAB from IIT Bombay	5	23/04/2020	27/04/2020	5
FDP on Data Science	50	10/06/2019	15/06/2019	6
AICTE Training and Learning (ATAL) Academys FDP on cyber security organized by IIIT Pune	50	15/12/2019	19/12/2019	5
Faculty Oriented Communication Skill Upgradation Sessions (FOCUS), organized by	50	27/04/2020	02/05/2020	5

NCER DBATU				
One week FDP program on PYTHON 3.4.3 Oraganized by PCCOER,Ravet	25	20/04/2020	25/04/2020	6
Career Edge - Knockdown the Lockdown online course offered by TCS iON	1	18/04/2020	02/05/2020	15
15 days International FDP on Industry 4.0 organized bu RSCOE	2	18/05/2020	04/06/2020	15
Online AICTE Recognized Faculty Development Programme on Data Science Using R Programming	2	11/05/2020	16/05/2020	6
FDP on PHP and MySQL organized by Spoken Tutorial Project, IIT Bombay	5	05/05/2020	09/05/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
18	45	19	22

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employee Provident Fund,Group Insurance Scheme,Maternity Leaves, Medical Leaves	Employee Provident Fund,Maternity Leaves, Medical Leaves	Free Medical Treatment, Scholarships to Needy students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution has conducted external financial audit on 25/09/2019. An external auditor performs an audit, in accordance with specific laws or rules, of the financial statements of a company, government entity, other legal entity, or organization, and is independent of the entity being audited. Users of these entities financial information, such as investors, government agencies, and the general public, rely on the external auditor to present an unbiased and independent audit report.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)		
Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Karan Shah Memorial Trust Zoroastian Foundation Sopra steria India foundation and Krida Vikas Adhikar Karyalaya, Pune	885000	Scholarship and funds for Basketball Ground
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6.4.3 – Total corpus fund generated

885000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SPPU, Pune	Yes	Dr. Harish Tiwari, Principal PCCOER
Administrative	Yes	SPPU, Pune	Yes	Dr. Girish M. Desai, Executive Director, PCET NMVPM Trust

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

   To work for the welfare of Students,Teachers and for the Development of the Institution To foster and promote good relationship among the members of the Teaching staff, student and parent/guardians of the students To assist students coming from Socially and Economically backward group financially or otherwise to complete Engineering education successfully To promote the activities of the Training and Placement Cell and to conduct Seminars and Technical/Training programmes for the students to achieve technology oriented skills/jobs

6.5.3 – Development programmes for support staff (at least three)

   Six days training programme on Data Science and Big Data Quality Improvement Program for Support Staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

   GIZ Internship for Third Year Students Japanese Language Courses for SE Students German Language Courses for SE Students Behavior improvement mission 40 days programme for students Institution Innovation Council (IIC) Formation Atal Ranking of Institutions on Innovations and Achievements Participation Utkrishtha Sansthan Vishwakarma Awards Participation NIRF Participation

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes

c)ISO certification		No	
d)NBA or any other quality audit		No	

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Applied for ARIIA Ranking	16/09/2019	01/10/2019	31/10/2019	5
2019	Applied for NIRF Ranking framework	16/09/2019	01/11/2019	27/11/2019	5
2019	Students participated in HACKATHON 2019	16/09/2019	25/01/2020	05/02/2020	97
2019	Conducted IPR session for students	01/07/2019	28/08/2019	28/08/2019	278
2019	Session on copyright for students and faculty members	01/07/2019	24/08/2019	24/08/2019	36
2019	Submitted AICTE Funding Proposals	16/09/2019	20/12/2019	31/12/2019	6
2019	Expert session on "Technical Paper writing"	01/07/2019	31/08/2019	31/08/2019	34
2019	Seminar on Current trends in IT industry session by industry expert	01/07/2019	16/08/2019	16/08/2019	127
2020	Participated in AICTE Utkrisht Sansthan Vishwakarma Award (USVA – 2020),	16/09/2019	01/06/2020	10/06/2020	5
2020	NMIET is awarded with the IEI – SQMS Quality	16/09/2019	01/02/2020	06/02/2020	5

Progress Award 2020 for excellence in Engineering Education					

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Street play on Mahila Sabalikaran	20/01/2019	27/01/2019	7	18
Save Girls	20/01/2019	27/01/2019	7	18
Cleanliness and Hygiene	20/01/2019	27/01/2019	7	18
Women Empowerment under Nirbhaya Kanya	05/03/2019	06/03/2019	110	Nill
Health Awareness for Girls	05/03/2019	06/03/2019	95	Nill
Women empowerment	06/01/2020	12/01/2020	2	23
Sex education	06/01/2020	12/01/2020	2	23
Superstitious believe	06/01/2020	12/01/2020	2	23
Cleaning awareness	06/01/2020	12/01/2020	2	23
Village tradition and their living style	06/01/2020	12/01/2020	2	23

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
VISION 2017 We envision being dynamic leading institute of practice engineering and industrial research in the learning environment that promotes self esteem, self learning and innovative thinking in learners to be a successful professionals and member of society. MISSION The Mission of the Institute is "Holistic development of creative learners for employment/self employment by imbibing a unique value system, transparent work culture, conducive and excellent academics and physical environment. Our mandate is to generate, preserve and share knowledge for developing a vibrant society." The distinctive

characteristics of the Institute are defined in the mission as follows The Institute has been set up with a mission to impart such knowledge as may be necessary for the holistic development of students thereby making them capable of being better employable and at par with the highly competitive career market. The Institution follows a threefold system which involves curricular, co-curricular and extra-curricular activities. The curriculum being followed is designed in such a way so as to enhance and empower the knowledge base of students through a unique value system, transparent work culture, and excellent academic and physical environment. The main focus is on the recent trends in technology with project based learning, creativity and technology transfer through Industry Institute interactions. The Institute highly supports to dynamic learning through project based learning concepts which is innovative idea in engineering education. Creativity and technology transfer is also one of the major concepts implemented through various national level workshops like TECHFEST and various programs to explore patent filing for staff and students. This strategy helps to generate, preserve and share knowledge for developing a vibrant society, by imparting quality education.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	Yes	1
Rest Rooms	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	8	8	20/01/2019	8	NSS Activity	Save Girls, Mahila Sa balikaran, Digital Awareness	27
2019	1	1	01/03/2019	1	PUC Camp	Vehicle Pollution	35
2019	1	1	19/03/2019	1	Food Donation	Food Donation to Orphans	78
2020	8	8	06/01/2020	7	NSS Activity	To aware village people about various	28

						social issue like Women empowerment, Sex education, superstitious believe, Plants importance, cleaning awareness etc.	
2019	1	1	21/06/2019	1	Yoga Day Celebration	Students amp staff should aware about yoga and its benefits.	61
2020	4	4	25/06/2020	2	Swacha-Wari Swasth-Wari Nirmal-Wari Harit-Wari	To aware wari people about the cleanliness	57
2019	1	1	07/07/2019	1	Tree Plantations	To encourage students and people for tree plantation	20
2019	1	1	11/07/2019	1	Pledge "Say No to Tobacco"	To aware students about the tobacco amp their effects	41
2019	1	1	16/07/2019	1	Guru Purnima Celebration	To celebrate the gurupurnima and to inculcate the value of guru in life	150

| 2019 | 1 | 1 | 23/07/2019 | 1 | HaritWari Campaign organized by SPPU | To aware students and people about their social responsibility | 35 |

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
EHandbook on Career Questions Answers	01/05/2019	Informative Literature on Career, Professions, Professional Ethics, Parenting, etc. covered in booklet which is distributed via social media to thousands of needy students.
Short Film Kal Se Mat Aana	25/10/2019	Film on the message work passionately with human values and professional ethics in the liking field. The film is uploaded on YouTube

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Women Empowerment	06/01/2020	12/01/2020	28
Sex Education	06/01/2020	12/01/2020	28
Counselling of students	01/05/2019	15/05/2019	5000
Swacha-Wari Swasth-WariNirmal-WariHarit-Wari	25/06/2019	26/06/2019	57
Pledge "Say No to Tobacco"	11/07/2019	11/07/2019	41
Guru Purnima Celebration	21/06/2020	21/06/2020	146
Sangali-Kolhapur Flood Relief Collection Drive	10/08/2019	10/08/2019	55
River Cleaning Campaign organized by SPPU, Pune	02/10/2019	02/10/2019	5
Donation of utility items to flood affected	14/08/2019	16/08/2019	50

citizens			
HaritWari Campaign organized by SPPU	23/07/2019	23/07/2019	35

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

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Energy Conservation Solid Waste Management Liquid Waste Management E-Waste Management Rain Water Harvesting Tree Plantation Plastic Free Campus Reutilization of papers for printing

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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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. 2.Objectives of the Practice The principle objective of VLMi is on Make in India for Indian manufacturing industries, so this ambitious drive to succeed, the base of Indian manufacturing viz. MSMEs has to be strengthened. VLMi is looking forward to make this happen in the involvement of educational institutes with manufacturing transformation journey. The NMIET College would be offering the subject as an open elective for its engineering students. Objectives: 1. To introduce the concepts, principles and framework of contents of Toyota Production System (TPS). 2. To acquaint the students with various productivity enhancement techniques. 3. To acquaint the students with different aspects of Production Planning and Control and Standardization. 4. To introduce the concepts of material flow, tier structure as applied in industries. 5. To acquaint the students with different aspects of industries shop floor activities and Industrial Safety rules. Principles: 1. The industry transformation journey is based on Toyota Production System (TPS) which comprises its management philosophy and practices. The TPS organizes manufacturing and logistics for the manufacturer, including interaction with suppliers and customers. 2. The VLMi transformation is based on Fish Bowl Principle by Prof Shoji Shiba. The fish bowl principle is as follows: The different genus of fish jump into common fish bowl they follow their own intuition to dive. The different fish swim mutually in fish bowl then jump away to see the new region after getting conversant with unknown area by learn practice. 3. The Context VLMi Transformation appearance is self-initiated bustle it consists of four basic modules like 3S (Safety, Shorter Distance Space), Vmap(Visual Map), Heijunka(Leveling) Standardized Work which is supported by community based learning college faculty involvement to achieve the transformational outcome. In order to have Industry ready students, NMIET Pune GIT Belgaum have started working on curriculum based VLMi tools for Engineering students. There will be an elective course—Modern Manufacturing Concepts starting in 2nd semester. Basic outline of the curriculum has been developed jointly by both the institutes under guidance of Mr. CS Patel. First content of Semester 2 elective—Basic Observation Skills—Safety Cleanliness is also developed. It will help students to get familiar with observation skills using examples from home public places. VLMi Focus on following Practices: 1. Leadership Development 2. Skill Building 3. LearnApplyLearn Technique 4. Tools

Technique (3S, Vmap, Heijunka Standardized Work) The VLMi 2016 batch consists of following community members (Industries) which are from different regions of Pune such as: 1. COSMOS Constructions. 2. COSMOS Mechanical. 3. Shilpa Machinery. 4. Malhar Industries. 5. Nikhil Industries. 6. Gaurav Enterprises. 7. Mask Polymer 8. Manas Automotive 9. Dran Engineers 10. Abhijeet Engineers 11. Deepesh Pressings 12. NMIET(Academic Partner) 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 (MoMSME) Overall term: 2018 to 2020 2. Objective With support from the programme, 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 labour 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 mediumsized enterprises (MSMEs), is expected to be a key driver here. The MSME sector, with roughly 44 million micro companies and thousands of small and mediumsized businesses, has an enormous economic, social and environmental impact. However, the sector faces several challenges, including strong international competition, pressure to use key resources like energy, water and raw materials more efficiently and to implement more environmentally sustainable production processes. By modernising and adopting green and inclusive innovations, Indias MSME sector can create new economic opportunities and strengthen its longterm competitiveness. In contrast to Germany, enterprises in India with innovative ideas often work in isolation. Cooperation with research and technology institutions or with academic establishments is virtually nonexistent. Furthermore, support for MSMEs in key areas such as technology transfer, resource efficiency and sustainability management has been either poor or inadequate. Although the Indian Government has launched a number of initiatives aimed at strengthening MSMEs, the initiatives of the government have not yet led to a significant improvement of the framework conditions. Cooperation between industry, the academic community and government bodies remains weak, thus hampering the innovative capacity and sustainability of MSMEs (including social enterprises and startups). The climate is not conducive to cooperation, with supporting institutions lacking effective methods, support programmes and the incentive structures needed to boost cooperation. 4. Approach Based on the assumption that innovation occurs when businesses and other stakeholders work together, the programme aims to strengthen cooperation between the private sector, government and the academic and research community. The goal is to initiate, introduce and disseminate new technologies, products, processes and business models. To this end, the programme supports institutions that promote economic development – such as business chambers and associations – in developing a range of innovationenabling services for MSMEs. In addition, GIZ provides advice on methods and instruments that can be used to identify opportunities for improving business operations and the supply chains of large companies. Here, the programme draws on the knowledge of international and national experts in the field of innovation. GIZ is also helping to produce training materials on innovation management and establish new mechanisms to support startups. The project will have a strong demand focus, both in terms of closing the gap between MSMEs and academia, and between MSMEs and the demands of international (German) manufacturers. At national level, the programme advises the Ministry of Micro, Small and Medium Enterprises on developing new support instruments that foster innovation and modernisation in the MSME sector. Experiences of promoting innovation will be incorporated into policy dialogue and provide new impetus for improving policies and instruments to support MSMEs. In short,

drawing on these experiences will become an integral part of economic development in India. 5. The Practice GIZ Projects Program for modernization and innovation promotion in micro, small and medium enterprises is one of the projects being implemented by GIZ in partnership with Ministry of MSME,Government of India.The project aim is to improve local innovation ecosystem through fostering cooperation between different stakeholders and strengthening the innovation management capacity and sustainability of MSMEs In India.The MSME INNO has collaborated with Industries associations, Academics and research institutions and other government agencies in the region. Nuatn Maharashtra Institute Of Engineering And Technolgy, Pune is one such college which partnering with MSME INNO Projects to identify the SMEs issues/ challenges and develop innovative solution to address those issues. So far 5 SMEs identified and students from Mechanical and ETC from Second year to final participating in giving solution to the SMEs Problem. Under which total 12 projects identified from 5 SMEs and 6 Mentors and 12 project groups of project (each group contains 4 students) working on it. So far 4 projects solution is implemented by SMEs, 6 project solutions are submitted for approval of SMEs and project groups working on 2 projects. 6. Evidence of Success To know the status of projects and review them session is organized at NMIET, Talegaon. Mr. Niranjan (CoOrdinator GIZ Pune Region) was invited to for review the status of project. Following faculties were present during meeting held on 09/09/2019 in Principal cabin at 11.30am. • Dr. Pranav Charkha (Aca. Coordinator) • Prof. Shridhar Limaye(HOD, ME) • Prof. Prashant Maske(Staff Mentor) • Prof. Spandan Waghmare(Staff Mentor) • Prof. Shekhar Babar(Staff Mentor) • Prof. Vishal Rajput(Staff Mentor) • Prof. Balika Tawde(Staff Mentor) • Prof. Rahul Patil (Staff Mentor) • 40 Students Projectees Issues Discussed 1) Mr. Niranjan Upadhye Sir conveyed importance of GIZ Projects to students mentors by citing various real life examples. He stressed on achieving the quality in projects. 2) Project progress status are reviewed by Mr. Niranjan Updhaye Sir. 3) Deliberation on Event "MSME Innovation Summit 2019" to be held at Aurangabad on 30 September 2019 by Mr. Niranjan Upadhye Sir 4) He also informed about the forthcoming workshop on "Welding Technologies" will be arranged by GIZ Pune team. Details for the same will be informed soon. 5) He asked college coordinator to setup Industry Innovation.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.nmiet.edu.in/pdf/best-practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

VISION 2017 We envision being dynamic leading institute of practice engineering and industrial research in the learning environment that promotes self esteem, selflearning and innovative thinking in learners to be a successful professionals and member of society. MISSION The Mission of the Institute is "Holistic development of creative learners for employment/selfemployment by imbibing a unique value system, transparent work culture, conducive and excellent academics and physical environment. Our mandate is to generate, preserve, and share knowledge for developing a vibrant society." The distinctive characteristics of the Institute are defined in the mission as follows The Institute has been set up with a mission to impart such knowledge as may be necessary for the holistic development of students thereby making them capable of being better employable and at par with the highly competitive career market. The Institution follows a threefold system that involves curricular, cocurricular and extracurricular activities. The curriculum being followed is designed in such a way so as to enhance and empower the knowledge

base of students through a unique value system, transparent work culture, and excellent academic and physical environment. The main focus is on the recent trends in technology with project based learning, creativity and technology transfer through IndustryInstitute interactions. The Institute highly supports to dynamic learning through project based learning concepts which is innovative idea in engineering education. Creativity and technology transfer is also one of the major concepts implemented through various national level workshops like TECHFEST and various programs to explore patent filing for staff and students. This strategy helps to generate, preserve and share knowledge for developing a vibrant society, by imparting quality education.

Provide the weblink of the institution
https://www.nmiet.edu.in/pdf/distinctitiveness.pdf

8.Future Plans of Actions for 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