Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**NAGARJUNA INSTITUTE OF ENGINEERING TECHNOLOGY AND MANAGEMENT**
Name of the head of the Institution	**Dr. S.M.Kelo**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**07118-322211**
Mobile no.	**9049472992**
Registered Email	**maitrey.ngp@gmail.com**
Alternate Email	**mkrahangdale1234@gmail.com**
Address	**Nagarjuna institute of engineering Technology and Management**
City/Town	**Nagpur**
State/UT	**Maharashtra**
Pincode	**440023**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Murlidhar Keshaorao Rahangdale**
Phone no/Alternate Phone no.	**07118322212**
Mobile no.	**9049472992**
Registered Email	**mkrahangdale1234@gmail.com**
Alternate Email	**maitrey.ngp@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.nietm.in/Pages/AQAR

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 :	[http://www.nietm.in/Pages/academic_cala nders](http://www.nietm.in/Pages/academic_calanders)

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	**C**	**1.92**	**2019**	**08-Feb-2019**	**07-Feb-2024**

6. Date of Establishment of IQAC

01-Feb-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
Formation of task force to monitor the action	**05-Jul-2019** **365**	**14**

plan for quality improvement in the institute.		
One day workshop on Intellectual Property Rights (IPRs) & Patenting for faculty members.	16-Nov-2019 1	120
Guest lecture on Emotional Intelligence program for faculty members by Kuldip Ramteke.	15-Sep-2019 1	50
One day workshop on WebEx for CSE faculty members.	12-Feb-2020 1	12
Online webinar on Duties and Responsibilities of an Engineer towards nation & Academics in NEP-2020 by Dr.S.Uttarwar.	15-Sep-2019 1	90
Online webinar on Cyber Security by Department of Computer Engineering	21-Jul-2020 2	95
National level one week FDP on introduction to outcome based education and enhancing quality of teaching learning process	15-Jun-2020 4	48
Mock interview and skill development program by ICHRO Team for final year students of all branches.	11-Nov-2019 1	70
Industry institute interaction program at KEC international Ltd. Buttibori Nagpur for all final year students of respective department.	11-Feb-2020 1	120
Web development program by Hemlata Jawanjal for all Students of CSE department.	20-Feb-2020 1	25

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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

No Data Entered/Not Applicable!!!
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link](#)
10. Number of IQAC meetings held during the year :	**6**
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 Uploaded File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**150000**
Year	**2020**

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

Internal Administrative Audit conducted for Accounts/Finance/Procurement/Stores, Admin, Students Section, Medical Facility Safety, Infrastructure house keeping and security at the end of the year. Internal Academic Audit conducted for the academic year 201920. One Day Workshop organized on "Intellectual Property Rights(IPRs) and Patenting on 16/11/2019 Institute prepared Feedback Policy for the academic year 201920 considering Student Satisfaction Survey and feedback from all stakeholders for continous improvement of the Institute. Respective departments conducted faculty development programmes regularly. Institute conducts various skill based training programmes for Students. Online Webinar on Duties and responsibilites of an Engineer toward Nation and academics in NEP2020 by Dr. S. Uttarwar on dated 15/09/2019

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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
STTPs, FDPs for faculty development	**1.One day faculty development program on Intellectual Property Rights (IPRs) Patenting was organised and total 120 participants benefited . 2.One day**

	workshop on WebEx for CSE faculty members,25 faculty memebers were attended the workshop. Online webinar on Cyber Security was organised by Department of Computer Engineering, 95 faculty members attended the webinar.
Training programmes for supporting staff	1. One Day Webinar on" Roles and Responsibilities" at institute level on 15/9/2019. 2. Administrative Training Programme on "Computer Skill Enhancement" for supporting staff . 3. One day workshop on " Communication Skill" for supporting staff . 4. One day workshop on " MS-Office" for supporting staff .
Implementation of Management Information System	The Institute procured MIS software, trained the faculties and implemented it successfully in the academic year. It has significantly improved the Institute's overall academic system and its database management for effective monitoring and control of academic endeavors.
Standardized recruitment guidelines	With standardized recruitment guidelines the complete process of recruitment was regulated in a well organized manner and has also enhanced transparency in the process to identify, recruit & retain the highly qualified, experienced, talented professionals.
Revision of Institute's Feedback Policy	Institute feedback policy was revised with introduction of Student Satisfaction Survey and other feedbacks in line with NAAC's revised framework and has definitely helped the Institute in enhancing its quality in all the spheres.
Conduction of internal administrative audits for system improvement.	Internal administrative audits were conducted for Accounts/Finance/Procurement/Stores, Admin, Students Section, Medical Facility & Safety, Infrastructure & house keeping and security at the end of the year. This has significantly enhanced the administrative system of the Institute.
Internships for 2nd year and 3rd year students	20 students from Department of Electrical Engineering took training at SEEtech Solutions Nagpur 15 students from Department of Computer Science & Engineering took training at SEEtech Solutions Nagpur 40 Students from Department of Mechanical Engineering took training at SEEtech Solutions Nagpur.

Institutional planning accordance to revised NAAC guidelines	The roles and responsibilities were assigned to the concerned departments to carry out the activities as per the plan and maintain its records/proofs. It has aligned the Institute's happenings with NAAC and has significantly improved database management in relation to it.
Student's encouragement for participation in Various Competitions.	Students actively participated in National Level Project &Poster Competitions, Survey Camps Organised by respective departments.
Conduction of Campus recruitment training programmes	Such training programmes helped students enhance their soft-skills and has improved their employability quotient. Total 150 students has undergone Campus recruitment training conducted at institute. Training on "Effective way of Communication",by Atul Thakre soft skill trainer,total 253 students has undergone this Campus recruitment training (CRT).
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing body	15-Jun-2020

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	16-Mar-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)	Yes, The management information system (MIS) is installed to smoothly conduct, monitor, analyze and controlled various activities being executed in the institute. The MIS comprised various operational modules such as academic module, establishment module, finance

account module, library module etc. In academic module portrays teaching plan entry, timetable entry, students roll list management, daily attendance, generation of academic reports and teaching schemes, subject topics are added into this module. In establishment module the records of all the students are maintained such as admission related information, students updation, promotion of students to higher classes. In finance accounts module the details of funds from the various sources are maintained. This includes collection of fees and dues from students, receipts of scholarships, freeships from social welfare departments, staff salary, and payments to the various parties. The library module record all the books like textbooks, reference books , rare books , journals, magazines. Through this module students and staff can verify the availability of books in the library.

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

The Institute has incorporated Outcome Based Education (OBE) in its academic year where each department strives to attain its offered Course Outcomes (CO s) leading to attainment of its Program Outcomes. Principal of a college, a central level portfolio is created to carry out reforms, implement the best practices, monitor, assess and control all academic activities of the Institute. HOD of the various departments under the supervision of Principal prepares a well planned academic calendar prior to the start of semester session and the departments follow it rigorously. The course In-charge prepare their teaching plan and subject file in consultation and approval from the Head of the department before the commencement of the semester session and the contents are delivered through this effective planning. All the academic related activities viz. curriculum plan and its timely execution, regular attendance etc. are regularly logged on day to day basis, monitored, effectively managed and controlled through Management Information System. The respective Course In-charge include beyond syllabus contents in their course syllabus which are significant for the effective learning. Case study is included as a part of academic activity in each semester. It has inculcated learning through self analysis and exploration. A unique self learning activity is implemented throughout the departments where the students prepare a allotted portion of the course by themselves and deliver to the class through power point presentation. It has improved their self learning ability as well as presentation skills and confidence building. Open ended experiments are introduced in practical. This has provided the student flexibility to explore and perform any other experiment by them utilizing the resources of that

respective laboratory. NPTEL Videos/Educational Videos/Webinars are included in the academics delivery. This helps students in visualizing the theoretical concepts, understanding fundamentals in a better way and clearing doubts. Frequent workshops, seminars, guest lectures, Industry Expert talks are conducted by all departments to cater to the current educational need which are not met through the academic curriculum. The college often arranges Industrial Tours, Visits for understanding industrial practices and developments in respective areas. Internships and Skill development program for students are taken under the guidance of T&P cell. Teaching staff planned in advance and its modules are executed as per the departmental academic calendar. Spoken Tutorials. Field Projects are introduced and carried out by the students undertaking final year projects working on the real world problems Academic progress and improvement of the students is done by conducting unit tests, midterm examination and Pre-university test (PUT) a feedback is collected regularly to keep track of academic progress and overall improvement. During the COVID-19 pandemic situation and lockdown, the Institute is delivering education through online using Google-meet zoom platforms.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Certification course on programming skill using C Language. CSE,ME and EE.	NIL	17/06/2019	6	YES	YES
Workshop on SQL (CSE)	NIL	15/08/2019	3	YES	YES
Workshop on Basics of Internet Programming (CSE)	NIL	25/08/2020	5	YES	YES
Industrial Skills [Electrical Engineering aspects] (EE)	NIL	10/10/2019	2	YES	YES
Workshop on Networking (CSE,EE)	NIL	20/12/2019	5	YES	YES
Material Testing of Engineering Materials (ME)	NIL	26/12/2019	3	YES	YES
Workshop on AUTOCAD ME	NIL	12/01/2020	2	YES	YES

Basics of Python Progr amming(CSE)	NIL	12/03/2020	3	YES	YES
Workshop on IPR	Nill	27/12/2019	2	YES	YES
Workshop on Solar Pannel Design	Nill	07/04/2020	6	YES	YES
Certificate Course on Development Of LED Bulb	Nill	15/04/2020	3	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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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	Electrical Engineering	01/06/2019
BE	Computer Science & Engineering	01/06/2019
BE	Mechanical Engineering	01/06/2019
BE	Civil Engineering	01/06/2019

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

	Certificate	Diploma Course
Number of Students	55	0

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
Advance JAVA Basics in association with CSE Department	10/07/2019	25
PLC based industrial Automation (EE)	25/08/2019	35
Workshop on Programming in JAVA	20/10/2019	25
Campus Recruitment Training (Civil)	12/12/2019	65
Workshop on Application Development (CSE)	20/12/2019	25

AUTO CAD Training (ME)	25/12/2019	45
Campus Recruitment Training (Mech)	03/01/2020	32
Campus Recruitment Training EE	04/02/2020	40
MATLAB Training (EE)	10/02/2020	36
Workshop on Web Development CSE	13/04/2020	24
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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	Civil Engg.	57
BE	Electrical Engg	27
BE	Mechanical Engg	31
BE	Computer Science & Engg.	11
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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 Institutions strongly believes that Feedback is an essential and integral part of an ongoing learning process. It helps in gathering the perception of learning experiences/learning outcomes, comprehensive Course review, motivation and engagement along with judging overall satisfaction of all the stake holders at various levels for continuous improvement of the departments and the Institution as a whole. It is then analyzed and timely actions are taken at all levels for continuous improvement. However, in case, wherever online mode of feedback is not possible, manual methods are employed. The Feedback undertaken are classified as Formal/Structured and Informal feedback. Formal Feedbacks: These Feedbacks are taken in the Department periodically as stated below: 1 Theory Feedback Twice in Semester. 2 Practical Feedbacks twice in Semester. 3 Course End Survey (Theory Practical) at end of Semester. 4 Students Satisfaction Survey (SSS) at end of Semester with two parts PART a) Teaching Learning PART b) Facilities and Extended Support. 5 Any Enhancement Programs, Workshops, Trainings, Internships, FDP's etc. 6 Program Exit Feedback At the end of the programmed .Informal. Feedbacks 1. Normally HOD maintains the routine practice and discuss with students regarding the quality of ongoing teaching learning process in the department. 2. This is done by discussing with sample no. of students separately/surprise visit in the practical hours etc.

3.During visit of parent in the department, HOD takes an informal feedback of the Department Institute. 4. The Head of Department also takes informal feedbacks from the Faculties and nonteaching staffs for the improvement of department and the Institution. 5. If any suggestion or grievances is received in the informal feedbacks from the students/parents, the same is addressed proactively to improve the system. 6. The students are encouraged to provide their suggestions in the suggestion box of the department to improve the department/Institute systems /activities/processes etc: (i) This suggestion box is opened by the Principal in the presence of head of department and concerned incharge. (ii) These suggestions are discussed between Principal, HoD and departmental feedback coordinator with a formal meeting at Principal's office and decisions are made by the authority to address these suggestions. Feedbacks from faculties, parents, alumni's, employers are also taken, analyzed and actions are initiated at all levels and utilized for overall development of the Institution

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 SCIENCE & ENGINEERING (FY)	60	21	21
BE	MECHANICAL ENGINEERING (FY)	60	18	18
BE	ELECTRICAL ENGINEERING (FY)	60	15	15
BE	CIVIL ENGINEERING(FY)	60	20	20
BE	COMPUTER SCIENCE & ENGINEERING (DSE)	45	15	15
BE	MECHANICAL ENGINEERING (DSE)"	48	19	19
BE	ELECTRICAL ENGINEERING (DSE)"	51	11	11
BE	CIVIL ENGINEERING (DSE)	70	70	70
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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	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	461	0	52	0	0

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
52	48	13	5	2	13

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)

Yes, Teacher-Guardian scheme is implemented in the Institute. Effective mentoring system provides persistent guidance to the student and feedback to the parent. Entrusting the teaching faculty with the task of mentoring a group of students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere and to sustain their overall performance. The process starts from induction program of first year students, and continues till the final year wherein students are advised on areas such as employability, entrepreneurship and higher studies along with proper career guidance. The Institute provides a number of mechanisms for student support and mentoring like 1. Teacher Guardian 2. Class In charge 3. Project Guide 4. Training Placement In charge . The teacher guardian scheme is implemented for the students in order to assist in their studies to monitor their academic performance regularly and to enlighten the students on professional ethics and to develop the overall personality of the students. Each faculty is assigned maximum 10 students under this scheme. Mentor helps the student to understand the organizational cultural in the campus, provides guidance for personal issues.To make the mentoring scheme work effectively, following practices are meticulously carried out in the institution – 1. The mentors (or TGs) meet their students in the mentoring hours. 2. Each mentor maintains details of all the students under him 3. The mentor regularly communicate with the parents of irregular and non performing students 4. The placement guardians guiding the students regarding the communication skills, technical skills and personality development skills as well as periodically motivate the students for the opportunity. 5. Periodic meetings are conducted by the mentors with the respective HODs and discussion on common issues is done 5. HODs regularly interact with the students and make sure that mentoring scheme is implemented effectively. 6. Departmental forums are developed to ensure interaction between senior and junior students. 7. Centralized committees, viz. discipline committee, anti-ragging committee, women's grievance cell, etc. help make sure that the students feel safe and secure in the campus. All the above steps result in developing positive ambiance and a healthy relationship among all the stakeholders of the institute. This ultimately helps student in improving his/her academic performance and personality.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
461	52	1:9

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
45	40	6	6	2

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	Designation	Name of the award,

	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2020	Dr. M. K. Rahangdale	Vice Principal	Member, Chemistry Board, RTM, Nagpur University, Nagpur.
2020	Prof. P. Gumgaonkar	Assistant Professor	Member, Computer Science Board RTM Nagpur University, Nagpur.
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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	419235610	First Semester	13/12/2019	10/01/2020
BE	419235610	Third Semester	27/11/2019	31/12/2019
BE	419235610	Fifth Semester	23/11/2019	31/12/2019
BE	419235610	Seventh Semester	25/11/2019	31/12/2019
BE	419264210	First Semester	13/12/2019	10/01/2020
BE	419264210	Third Semester	27/11/2019	31/12/2019
BE	419264210	Fifth Semester	23/11/2019	31/12/2019
BE	419264210	Seventh Semester	25/11/2019	31/12/2019
BE	419224210	First Semester	13/12/2019	10/01/2020
BE	419224210	Third Semester	27/11/2019	31/12/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

With the adoption of Outcome Based Education (OBE) as an educational theory, by the end of the educational experience, each student is expected to have achieved the objective. The role of the faculty in this Institute is to instruct, train, facilitate, and/or mentor the students based on the outcomes targeted. The assessment process practiced by the Institute is to improve student learning and development. The process helps in gathering, analyzing and discussing information from diverse sources to develop a deep understanding of what students know, understand value and can do as a result of their academic and co-curricular experiences at the Institute. Furthermore, the assessment

process benefits in continuous improvement of the program and effectively accomplishing the Institute's mission. The students are continuously evaluated in terms of Course Outcomes, Program Outcomes and Program Specific Outcomes with different tools of evaluation including various activities undertaken by the students in their academic tenure. Continuous Assessment in Practical Hours is also carried out. The faculties continuously assess the students in each practical hour by conducting vivas on the practical performed by the student and awarding grades on each experiment according to his/her performance. The Internal marks are finalized based on student's performance in the Internal Examinations, Student's Attendance and also incentive marks policy is incorporated where student's performance in various co-curricular and extracurricular activities are rewarded.

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

Academic Calendar for Odd and Even semester is prepared by HOD's in consultation with Principal. At the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards. Only head of the institution can incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances. Total number of Instructional days and working days are given as per the norms. Schedule of commencement of session and classes is clearly mentioned in Academic Calendar Admission process dates are mentioned as per the University calendar Tentative dates of Summer and Winter University examination is also mentioned. The Schedule of All Internal Examinations is given in academic calendar and strictly adhered. The course teachers announce the syllabus and display question bank for Class Test -I and Class Test-II, Mid term and PUT exam .The slots of the Class Test – I and II, Mid term exam and PUT exam, Assignment-I, Assignment-II are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed in advance. Schedule regarding curricular , extracurricular, cultural and sports activities is given and adhered strictly. Assignments are given as per the academic calendar. Assignments are submitted by students as per the dates given in academic Calendar. Display of marks for information of students is also as per the schedule given in academic calendar. Date of Display of cumulative Attendance is given. Schedule of stakeholders meeting is mentioned. Meetings are conducted as per the schedule by all departments. Schedule for Academic Review, Academic audits is prepared and adhered. Remedial Classes to be conducted as per requirement in both odd as well as even semester.

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)

http://www.nietm.in/Pages/computer

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
419219110	BE	Civil Engineering	33	33	100
419224210	BE	Computer Science and Engineering	7	7	100

419235610	BE	Electrical Engineering	20	20	100
419264210	BE	Mechanical Engineering	17	17	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)

http://www.nietm.in/Pages/sss

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
Industry sponsored Projects	180	Nagarare Contruction Compony	1.3	1.3
Industry sponsored Projects	95	PMA Contruction Compony	0.6	0.6
Industry sponsored Projects	90	Phoenix Engineering	0.7	0.7
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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
Program on Preparatory Interview cum on boarding	Mechanical Engineering	10/07/2019
Worshop on Basic Programming Using Python	Computer Science and Engineering	14/07/2019
One day Workshop on Cyber Security	Computer Science and Engineering	04/09/2019
A Guest Lecture On "Effective Ways Of Communication" .	Electrical Engineering and Civil Engineering	15/09/2019
One day worshop on "Emotional Intelligence"	All Branches	15/09/2019
One day Workshop on "Excel And Word Training"	CSE ,EE.MECH	10/10/2019
One day workshop on Paython	Computer Science and Engineering	01/11/2019
Seminar on "How to Crack GATE- A Seminar on	All Branches	04/11/2019

Guidance for Higher studies		
One day National Workshop on Intellectual Property Rights(IPRs) and Patenting	All Branches	16/11/2019
Mock Interview and Skill development Program	EE CSE	29/12/2019
One day workshop on Transformer technologies	Electrical Engineering	10/01/2020
Seminar on How to wirte a Resesarch Paper	Electrical Engineering	04/02/2020
Industry interaction Progam on various technologies includes Php, Testing , Coding , Business Development .	All Branches	06/02/2020
One day workshop on English Communication Soft Skill Development	All Branches	17/02/2020
One day Industry Institute Interaction Program at KEC International Limited	All Branches	18/02/2020
Program on Web Development	Computer Science and Engineering	20/02/2020
Mock drive - Video Conferencing Interview	Computer Science and Engineering	10/07/2020
Program on Web design	Computer Science and Engineering	10/07/2020
Program on Preparatory Speech and Job Counseling	All Branches	17/12/2020

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
Single phase preventor for three phase load	Mrunalini Baigane,Akshay Gautam,Komal Wawre,Ajay Gajbhiye	Project prese ntation,competi tion organised by WCEM ,Nagpur	18/03/2020	State
Design and manufacturing of slot piercing tool for diaphram spring.	Akshay j Salwe,Ashish Ba nsod,Riteshpuri Multani,Shubham Jagtap.	Project prese ntation,competi tion organised by WCEM ,Nagpur	02/03/2020	State
Experimental analysis of concrete by replacing aggregate with steel slag	Kamlesh yadav,Hiraman Agarkar Dinesh Ajbale	Project prese ntation,competi tion organised by VIT ,Nagpur	01/03/2020	State

Employee Management (Human Resource) System	Sujit Ramteke ,Shashank Waghmare,Bhavna Meshram,Karina Sahare.	Project prese ntation,competi tion organised by VMIT ,Nagpur	10/02/2020	State
Fabrication of Automatic four way hacksaw machine	Vaibhav Dhage ,Chiranjivi Deh ankar,Shrikant Battulwar,Visha l Kakde	Project prese ntation,competi tion organised by VIT ,Nagpur	01/02/2020	State
Acceleration to water filteration using polymer	Bipin Chikate Ravina Khobragade , Shrutika Dahikar , Prachi Chahande ,Ashish Mandal	Project prese ntation,competi tion organised by VMIT ,Nagpur	16/01/2020	State
Monitoring of Electrical Load Using IOT	Pragati Chowke,Pranali Bagde,Tejaswini Dane,Ritesh Dupare,Neha Wankhede	Project prese ntation,competi tion organised by VMIT ,Nagpur	16/01/2020	State
Android based application for Grampanchyat Administration	Rakesh Nakhate,Sulbha Ramteke,Madhuri Khawase	Project prese ntation,competi tion organised by GWCET ,Nagpur	01/01/2020	State
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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
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
9	7	3

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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)
National	First year Engineering	2	0.9
International	Electrical Engineering	3	0.8

National	Mechanical Engineering	4	0.8
International	Civil Engineering	3	0.7
International	Computer Science Engineering	3	0.8
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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
First Year	3
Mechanical Engineering	2
Computer Science and Engineering	1
Civil Engineering	2
Electrical Engineering	3
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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
Electrical thermal and electron spin resonance study and Ni(II) Co(II) Mn(II) metal complexes.	Dr.M.K.R ahangdale	E-Journal of Chemestry	2019	1	NIETM	1
Synthesis Physisiochemical cha racterizat ion solid state cond uctance and Biollo gical Study of VO(IV) MOo2(6)	Dr.M.K.R ahangdale	Reaearch Journey	2020	3.452	NIETM	6
			View Uploaded File			

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
Synthesis Physisiochemical characterization solid state conductance and Biollogical Study of VO(IV) MOo2(6)	Dr.M.K.Rahangdale	Reaearch Journey	2020	6	3	NIETM
Electrical thermal and electron spin resonance study and Ni(II) Co(II) Mn(II) metal complexes.	Dr.M.K.Rahangdale	E-Journal of chemestry	2019	1	1	NIETM

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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	5	23	21	20
Presented papers	3	8	7	11
Resource persons	0	0	2	2

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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
Women Empornment	NSS Unit	29	50
Global Climate change Awareness Program	NSS Unit	29	50

Health Checkup Camp	NSS Unit	29	50
Guiest lecture on Cancer Awareness Program	NSS Unit	28	50
Health awareness Rally	NSS Unit	24	50
Importance of Education	NSS Unit	26	45
Tree plantation	NSS Unit	25	50
Swachhta pledge	NSS Unit	21	45
Introduction to NSS	NSS Unit	23	35
Tree Plantation	NSS Unit	20	50
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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
Yoga/Meditation camp	Appreciation Certificate	Sarpanch Grampanchayat Bazargoan,Nagpur	25
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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
Swachha Bharat Abhiyan	NSS Unit	Swachhata Abhiyan	21	23
Awareness of Traffic Rules	NSS Unit	Traffice Awareness	25	25
Shramadan at Satnavri Village	NSS Unit	Shramadan	25	25
Gram Schachhata Abhiyan	NSS Unit	Swachhata Abhiyan	22	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
Mock interview and Skill Development Programm (ICHRO-RPO)	30	Self	3

Web development Program (Haston Technologies)	20	Self	2
One day Workshop on Transformer Technology (Viswas Factory site,Buttibory)	18	Self	1
One day Industry Institute Interaction Programm at (KEC International Limited)	15	Self	1
Mock Drive- Video Conferencing Interview (VSAT)	70	Self	2
Industry interaction Programm on Various Technologies Includes Php, Testing, Coding and Business Development (KEC International)	25	Self	1
Industry visit and interaction with Kamla Agro-Chemical Industry	30	Self	1
Industry visit and interaction with Nagare Construction Company	35	Self	1
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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	Training	Haston	01/09/2019	07/10/2019	12
Internship	Training	ICHRO -VSIPL	25/10/2019	26/11/2019	10
Internship	Training	VSIPL,Nagpur	20/12/2019	20/01/2020	11
Internship	Training	ICHRO - Seetech	17/01/2020	26/02/2020	12

Internship	Training	Rahasan Engineering	15/02/2020	03/03/2020	10
Internship	Training	P.V Textiles Limited	25/11/2019	25/12/2019	12
Internship	Training	MAHAGENCO Thermal Power Station	18/11/2019	01/01/2020	19
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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
Integrated Consulting and Human Resource Outsourcing (ICHRO- RPO)	13/10/2019	Conduct mock drive and placement programm for CE, ME, EE, CSIT students of NIETM.	110
MCED [Maharashtra Center For Entrepreneurship Development]	10/10/2019	To provide Interenship opportunity to Students of EE ME	55
Parle G ,Digori , Bahadura , Nagpur	15/07/2020	To provide Interenship opportunities to Students of all branches	48
Artefact Projects Limited, Nagpur	17/07/2020	To provide Interenship opportunities to Students of all branches	85
Sudhip Solar Hingna Road, T Point, Nagpur	18/07/2020	To create interface between academic institutions and which help students for taking up gears technologies based solar enterprises.	40
Hemant Company Electrical Contractor Engineers Pvt.	19/07/2020	To provide basic practical knowladge of Electrical Engineering students on site	40
Vishvas Power Engineering Services Private Limited.	15/07/2020	To support the students in understanding over aspects of transformer	38

		industry and opportunities	
Haston Solutions .	16/08/2020	To provide the knowladge of Web designing and Software development	25
Shree Infotech, Rai Apartment , Nagpur	14/09/2020	To provide intrenship opportunities in Panal based compony and to help the students to select specific skill in any compony	97
Ambuja Cement	13/10/2020	To provide Interenship opportunities to Students of Civil Engineering	90
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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
12	10.53

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	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 software	Nature of automation (fully or patially)	Version	Year of automation

Library Management System Software	Partially	1.0.1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	8592	2031507	20	9758	8612	2041265
Reference Books	2289	933601	15	6269	2304	939870
Journals	65	72247	0	0	65	72247
e-Journals	25	0	0	0	25	0
e-Books	466	0	0	0	466	0
Library Automation	1	35400	0	0	1	35400

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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
Prof. Rashik Upadhyae	Fundamentals of CNC Machines	MOOCs	12/02/2020
Prof. Ashwini Walde	Effect on Transmission Line Stability Towards Greed Connected Solar Plant	MOOCs	16/09/2020
Prof. Sandip Sherki	Design of Solar Inverter	MOOCs	20/11/2019

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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 Bandwidth (MBPS/ GBPS)	Others
Existing	225	8	225	1	1	1	4	40	0
Added	0	0	0	0	0	0	0	0	0
Total	225	8	225	1	1	1	4	40	0

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

40 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
Lecture Capturing System	http://www.nietm.in/Pages/econtent_development_2019

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
90	76.14	160	154

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)

1. Working procedure and policy for Computer infrastructure maintenance • Computer related maintenance is raised by the concerned department in the prescribe format duly signed by HOD. • Computer related technicians visit the location, analyze the problem and repair it. If there is any requirement of hardware components the same is being notify to HOD for procurement with the permission and sanction of Principal. • After receiving the hardware components the technical staff repairs it. 2. Working procedure for Electrical maintenance • Requirement of electrical maintenance are received by various department in prescribed format duly signed by HOD and Principal. • After receiving the requirement the technician for the electrical maintenance visits the specified location and identified the problem and repairs it. • In case of any requirements the concerned technician takes the prior approval from the authority and procures the materials if required and after receiving it repairs within the due course of time. 3. Utilization of Computer infrastructure • The institute has computer center for all the departments having sufficient number of computers along with internet connectivity and used by students for academic activities, filing of online exam forms, scholarship forms, moocs courses etc. 4. Utilization and maintenance of Library, Laboratories, sports facility, class room etc. • Reference books, rare books, print journals etc are used by students and staff in the designated reading hall. • Digital library network resource is used for accessing e- resources online. • The library has audio/video visual section where students observed NPTEL videos of IIT's and NIT's. • The students and staff members issue the books from circulation section of the library. • Respective Laboratory in-charge looks after the maintenance of laboratories in consultation with HOD's • Housekeeping in-charge maintains the cleanliness of the respective departments. • Playground is used by our students for practicing various events. 5. Working procedure for building maintenance • Various types of civil maintenance works are received from the departments and submitted to the authority for information and to seek approval. • The in charge of Civil department supervises the work and its progress and gives the suggestions. • After completion of the work with satisfaction and remark of the in charge, the bills are submitted duly signed by HOD and Principal to the account section for necessary approval and released the bills as per terms and conditions.

http://www.nietm.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	MES, NIETM, Scholarship	10	400000
Financial Support from Other Sources			
a) National	Government Of Maharashtra	312	17615062
b)International	Nill	Nill	Nill
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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
Remedial Classes (First sem)	01/10/2019	59	Faculties of first year department, NIETM, Nagpur.
Remedial Classes (Second sem)	02/03/2020	52	Faculties of first year department, NIETM, Nagpur.
Remedial Classes All Branches Second year (Odd sem)	01/10/2019	74	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Second year (Even sem)	02/03/2020	65	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Second year (Even sem)	02/03/2020	65	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Third year (Odd sem)	01/10/2019	39	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Third year (Even sem)	02/03/2020	30	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Final year (Odd sem)	01/10/2019	15	Faculties of respective department,NIETM, Nagpur.
Remedial Classes All Branches Final	02/03/2020	10	Faculties of respective

year (Even sem)			department,NIETM, Nagpur.
Campus Recruitment Training	01/10/2020	150	Mr. P.Wat NIETM, Nagpur.

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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	Guidance for Competetative Examinations	69	0	11	0
2020	Campus Recruitment Trainings Programs	0	69	0	42
2020	Career Counselling of all Third and final year students	157	157	0	78

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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
30	30	9

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
Flash Electronics and other various compies	298	66	TCS	84	12

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

Year	Number of students	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme

	enrolling into higher education				admitted to
2020	3	Civil Engineering	Civil Engineering	Gurunanak Institute of Technology, Nagpur.	M.tech
2020	4	Electrical Engineering	Electrical Engineering	Shri Shivaji College, Akola	M.B.A
2020	6	Electrical Engineering	Electrical Engineering	Gurunanak College of Engineering, Nagpur.	M.tech
2020	4	Mechanical Engineering	Mechanical Engineering	Wainganga College of Engineering and Management, Nagpur	M.tech
2020	3	Computer Science and Engineering	Computer Science and Engineering	J.D College of Engineering & Technology ,Nagpur	M.tech
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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	8
GRE	0
Any Other	12
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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
Singing Competition (Solo)	Intra College	10
Quize Competition	Inter College	25
Debate Competition	Inter College	12
Vollyball	Inter College	40
Badminton	Inter College	10
Cricket Mania	Inter College	60
Pro Kabaddi	Inter College	20
Fashion Show	Inter College	30
Mehandi Competition	Inter College	20
Rangoli Competition	Inter College	15

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 award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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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)

The institute has well established student representative council which organizes the various co-curricular activities for overall development of students at institute level. Every department has its own departmental forums such as Civil engineering student association (CESA), Mechanical engineering student association (MESA), Electrical engineering student association(EESA) and Computer Science engineering student association (CSESA) which organizes regular activities at its levels. These forums are professionally organized, managed and owned by the students community. Each class has CRs, as their class representatives to mitigate any sort of queries on behalf of the students of that class. 1.The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out college activities and service projects. The student representative council organizes the various co-curricular and extra-curricular activities for overall development of the students at the Institute Level. Every department has its own departmental forums which organizes regular activities at its level. The council and forums are professionally organized, managed and owned by the student's community. Each class has CRs as their Class Representative, students and alumni are the members of the IQAC and college development committee. 2.Department of Civil Engineering Student Association (CESA) : The Students are the members in the internal complaint committee, library committee Department wise, Competitions such as Debate Competition, Play war, Mobile Photography Competition, Blood donation camp. Waste awareness camp, Green Canvas: Drawing and Painting Competition (In association with Swachha NGO), Tree plantation drive. Social event like visit to orphanage, blood donation, Youth day etc. 3.Department of Electrical Engineering Student Association(EESA) : Various activities like, Technical skill enhancement ,Personality Development , Workshops on Communication. Social and Digital India promotion Activities • Guidance on Higher Studies, Experts lectures for industry institute interaction are carried under this forum. 4. Department of Computer Science Engineering Student Association (CSESA): Department conducts the number of activities for overall grooming of students of the department under the departmental forum. Under this forum, department conduct technical program like coding competitions, technical guest lectures and workshop to improve technical skills of students and meet the industry requirements and Computer Literacy Program for the village school students. 5. Department of Mechanical Engineering Students association (MESA): Various activities of Technical/Non-technical, sports activities under the banner of forum are carried out and students are actively involved in it. A student's Forum MESA is established in the department which consists of a structured administrative body aims in bringing out leadership management qualities in the student. This forum is professionally managed by the student community and various activities are carried throughout the session. All round personality development include the mental, moral, physical development of the students. This platform is given by

the NSS unit of college. Each year the blood donation camp is held in our college where the students and staff members are donating the blood. Cleanliness drive camps, seed bomb preparation activity and Road safety program. First Year department organized Technical, social, Health and environmental activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of enrolled Alumni:

78

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

15000

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni Meet organized (Interaction with Head of Department and Faculties, Guidance related to projects, career, entrepreneurship, Internship, placements etc. to students.)

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)

A decentralized functioning management empowers the department to function with the greater flexibility and sheer responsibilities and accountabilities. The college authorities are very open for any suggestions and are always ready for discussion. They are always ready to implement the suggestions if they are generative and effective. 1. Head of Departments functions independently with their roles and responsibilities. Various portfolios are created such as departmental TP coordinator, class representative, IT In charge, Alumni cell, women grievance cell, internal complaint committee, library, Training Placement Officer, Anti ragging committee, entrepreneurship development cell, NSS cell, Sports cell, class teacher, class teacher in-charge, laboratory in-charge, academic monitoring committee, internal examination in-charge and time table in-charge etc. for effective governance and management of the Institutional endeavors. Departmental heads also delegate work as per assigned portfolios to their colleagues to ensure smooth completion of work/tasks in the expected time frame. 2. The significant concept that has been implemented by the college managerial role is the participation of faculty and staff members in the decision making process in matter related to academic and nonacademic nature. This has created a sense of involvement and responsibility among all the staff members resulting in efficient administration of the college. Various Committees consisting of staff from various departments provide efficient coordination among team members in coordination with decision making authority.

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

Library, ICT and Physical Infrastructure / Instrumentation	Library: • Library has adequate volumes for all the departments. Digital library facilities with adequate online journals. National and International online journals are also provided. Library administrations like issue / return of books are maintained through library software. Every year, updated volumes of books are procured based on the requirements from all the departments. Every class has an opportunity to visit library at every Saturday for permitting the students to access the reference books and journals which augments the learning process central library is equipped with NPTEL videos for various subjects. ICT tools. • For most of the subjects power point presentation is being prepared by the faculty members and it is used for taking classes in an interactive way. Physical infrastructure/instrumentation: • Under Academic task force maintains the academic infrastructure and other facilities of the Institute.
Examination and Evaluation	• For internal examination, one professor in-charge is being nominated by the principal. Evaluations are framed by respective HOD's. • Examination evaluation process is conducted, managed organized in an effective manner maintaining integrity transparency in the examination process. • Question papers for examination are first moderated by HOD of the respective department in a desired format • The Course In-charge evaluates the answer sheets with well defined criteria maintaining the transparency and fairness in the evaluation process. •. After the evaluation, CO attainment sheet is prepared by the course In-charge with well defined criteria for attainment level.
Research and Development	The Research and Development Cell is established at institute level with an aim of promote research and development activities in newly emerging and challenging areas of Engineering and technology, Science and Humanities. Faculty members are motivated to publish research paper in the notified journals of UGC and Conferences. They are encouraged to attend Workshops / Seminars held in other repute

	organization and present papers. They are also encouraged to organize various workshop/seminar at department levels. Students are always motivated and encouraged to present their talent ideas in form of project and poster presentation not only at department level but also in other reputed institute to seek prizes in the competition and bring award to the institute.
Human Resource Management	The Institute appoints qualified faculty members as per AICTE/Govt. of Maharashtra/RTMN University norms through the procedure of open advertisement and interviews are conducted by the expert committee nominated by the university. • The Institute organizes various orientation and enrichment program for both teaching and supporting staff members for upgrading their skills in the latest technology. • Employee provident fund facility is provided to all regular staff. • The ward of a staff member will be provided with a concession of 50 in the tuition fees, if he/she is willing to take admission in the Institute run by Maitrey Educational Society. • Institute offers medical insurance for the staff members and students. • Medical leave provision is given to the faculty and staff members based on the request. • On duty is provided for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops and exam duties as per the policy of the Institute.
Industry Interaction / Collaboration	The institute emphasizes upon career development of the students. This is achieved with establishment of MoUs with reputed industries to enhance Industry Institute Interaction activities like internships, industrial visits, implant trainings, value added courses, industrial projects, guest lecturers etc., for the benefit of students. • Entrepreneur Development Cell (EDC) is functioning for enhancing the industry institute relationship. • Industrial visits, in plant training and internship programs to the students are arranged for getting practical exposure and knowledge in the industrial environment. • Training programs are provided to the faculty

	members from industry to update their knowledge on present day industrial scenario.
Teaching and Learning	• The planning and organization of the teaching, learning and evaluation is scheduled for each department by respective HODs under the guidance of Principal • For effective teaching learning process, classroom teaching is encouraged with the use of power point presentations, video lectures, NPTEL lectures and MOODLE through SWAYAM etc • In order to provide ample academic flexibility to teachers students self learning topics, Open ended experiments, case studies, mini projects are given to students • Also various guest lectures, seminars, workshops, Industrial visits, skill enhancement programs are conducted for students for developing their technical skills. • Based on this, and other feedbacks are obtained from students and other Stakeholders which are analyzed in a more focus way and used for continuous improvement.

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

E-governace area	Details
Administration	All types of leave application can be submitted by faculty members through HOD panel. Leave approval record can be seen by faculty members in their panel. Leave applications submitted by faculty members appeared in HOD panel for approval which is approved by the principal. Other facility like OPAC link for library, Complaint Management is also available.
Finance and Accounts	Tally and other related software's are used by the accounts department for accounting purpose.
Student Admission and Support	The data is maintained by the admission cell of the admitted students. The data is maintained as per the area of specialization and class wise semester. This helps the admission department to keep track of the students admitted to the college and seats lying vacant in the institute.
Examination	In the university examination the online question papers system is adopted by the University. The Online valuation system is adopted and executed which intern's results fast declaration of the University results.

	All the Internal examinations marks are online submitted to the university.
Planning and Development	Academic related documents are generated in faculty panel and HOD panel. Student attendance is generated in faculty and HOD panel along with teaching plan ,tutorial plan, workshop plan, industry visit plan etc

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	DR.S.M.Kelo	National Conference on Recent Development in Science,Enginee ring and Technology. (RDSET)	AUM SAI INSTITUTE OF TECHNICAL EDUCATION - [ASITE]	4000
2019	Dr.M.K.Rahang dale	National Conference on New Diamentions in Chemestry and Chemestry Education and National Convension of Chemestry Teachers (NCCT-2019)	Saqnt gadgebaba Amravati University	5000
2020	Prof. Pawan Raut	Online Teachi ng-Learning Processes using ICT Tools for Education 4.0	ST.Vincent Palloti College of Engineering	3500
2020	Prof. Pawan Raut	AICTE Training And Learning (ATAL) Academy Online FDP on Cyber Security	AICTE Training And Learning (ATAL) Academy	4500
2020	Prof. Sandip Sherki	International Conference on Leadership and Mentorship	Priyadarshani College of Engineering nagpur	2000
2020	Prof. Ashwini Walde	National Conference on Recent Changes in Chemical Engineering	Laxminarayan Institute of Technology, Nagpur	2500

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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)
2020	One day workshop on Green Highways	NILL	13/01/2020	13/01/2020	11	Nill
2020	One day Seminar on Green Chemistry	NILL	03/02/2020	03/02/2020	2	Nill
2019	Two days workshop on Research Methodology	NILL	25/07/2019	27/07/2019	50	Nill
2019	Applications of Evolutionary Computation Techniques in Power System (EE)	NILL	05/08/2019	05/08/2019	12	Nill
2019	NILL	Training on Microsoft Power Point for non Teaching staff	20/08/2019	20/08/2019	Nill	25
2019	NILL	Maintenace of Electrical Laboratories Hands on Training(EE)	16/09/2019	17/09/2019	Nill	5
2019	One day program on Learn AI without Coding	NILL	05/10/2019	05/10/2019	10	Nill

	(CSE)					
2019	NILL	Training on Microsoft Word ,Microsoft Excel and Microsoft Visio for non Teaching staff	25/11/2019	25/11/2019	Nill	18
2019	A skill workshop on CREO software used in designing purpose in industry	NILL	02/12/2019	02/12/2019	48	Nill
2020	Online Faculty Development Program on Python Skills.	NIL	02/01/2020	02/01/2020	50	Nill

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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
Recent Trends in Artificial Intellegence(AI)	6	12/03/2020	20/03/2020	8
Faculty development program(online) on Recent Trends in Industries.(CSE)	7	24/06/2019	24/06/2019	1
Practical Aspects of FACTS devices in current scenario.(online)(ME)	5	02/07/2019	02/07/2019	1
NAAC Awareness programme for faculty	4	08/07/2019	15/07/2019	7
Online Quize	9	12/08/2019	12/08/2019	1

on Research Methodology				
One week faculty development program(online) on Introduction to Forensic Science and Digital Cyber Forensics.	8	15/08/2019	20/08/2019	5
Online Faculty Development Program on Renewable Energy Sources	5	15/09/2019	21/09/2019	7
One week faculty development program(online) on Recent Trends in Electrical Engineering	8	15/12/2019	22/12/2019	8
Recent Trends in Power system operation ,control and protection (EE)	5	25/01/2020	01/02/2020	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
24	33	21	7

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Following is the list of welfare measures for Teaching Faculty: 1.Reimbursement of claim for attending conference/ FDP/STTP/Workshop, Membership fee for professional society for teaching staff and Incentives to faculty for award/recognition. 2.Free transportation/Bus Facility 3. Insurance Scheme. 4. Grant of Maternity Leaves to	Following is the list of welfare measures for Non- Teaching Faculty: 1.Employee Provident Fund(EPF). 2. Insurance Scheme. 3. MaternityLeaves to female staff. 4. Advance against salary facility. 5. Centralize reprographic facility(Xerox) for staff. 6.Facility of free Wi-Fi in campus. 7. Early going and late coming facility. 8. Subsidized	Following is the list of welfare measures for Students: 1.Special coaching scheme 2.Personality development scheme 4.Students scholarship 5.Installment facility for payment of tuition fees 6.Free transportation/Bus Facality 7.Concession in tuition fees for economically weaker students 8.Felicitation of achievers

female staff. 5. Advance against salary facility. 6. Centralize reprographic facility(Xerox). 7. Facility of free Wi-Fi in campus. 8.Ph.D. Increments. 9.Subsidized canteen facility 10.Health Checkup Camp 11.Free Book facility	canteen facility 9. Free transportation/Bus Facality 10.Health check up camp	9.Organization of annual sports ,cultural event(ULLHAS) 10.Promote students for participation in technical competitions organized by IITs and NITs 11.Extended hour of library for students 12.Free Book facility for students 13.Students health check up camp 14.Book bank scheme 15.Insurance scheme 16.Free Food facility to economically weaker students 17.Free Hostel facility

6.4 – Financial Management and Resource Mobilization

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

Audits in the Institute are conducted with the objective of fact findings. The accounts of the college are maintained and audited regularly by the nominated Chartered Accountant. The institute has computerized financial management system and all the accounts are managed by the tally software. All the details of income and expenditure are stored with the help of tally software. All financial statements and pay sheets are prepared using the computer. The C.A undertakes internal audit. The financial documents and receipts are produced for scrutiny and all that is needful regarding the maintenance of accounts is completed within stipulated period of time.

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
M/S Nagarare Contruction Company	12000	Consultancy Services provided by Civil Engineering Department
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6.4.3 – Total corpus fund generated

350000

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	Ramdev Baba college of Engineering Nagpur	Yes	Academic Audit Committee
Administrative	Yes	Rathi Kothari Associates	Yes	Administrative Audit Committee

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

Teacher association has a strong rapport with parents at various levels of communication like by cell phone, what's up media etc. Periodical communication exists between students, teachers and parents for sharing information about various activities held in the college. Parent teacher meet is organized by each department once in a semester to discuss student's academic performance, University results, attendance, remedial classes online /offline campus recruitment drive and other related issues. The feedback collected from the parents is discussed at departmental level and resolved if any matter is related with the institute then it is discussed with the Principal and resolved.

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

Development programs for support staff development training program are organized by various departments every year. List of some of the programs organized is given below. 1. Department of computer science engineering has organized a day long training program on "Microsoft Power Point" for supporting staff on 15 -11-2019 2. One day library awareness for non-teaching staff and group discussion on 15-12-2019 3. Guest Lecture organized for all on How to live Peaceful, Stress-free, Successful Happy Life on 2/1/2020 4. Participation of non-teaching staff on yoga day celebration.

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

The NAAC peer team had made some recommendations. The institute is taking efforts for initiatives to comply with the recommendation. The following are some recommendations and measures taken by the institute. 1. The institute is working hard towards empowerment of tribal students, rural and economically backward and marginal students, through technical education, innovation at their residence training of life skills and job skills. Considering the background of the students where there is no continuous electricity supply and lack of internet connectivity and other facilities, the institute is taking enormous effort in implementing rigorous soft skill development program apart from in house training in language laboratory. Some of the initiatives are as follows. a) Department of Computer Science and Engineering organized mock interview and skill development program on 17/02/2020. The ICHRO team Pune was the resource person for this program. b) One day Industry-Institute interaction program conducted for all students including first year by KEC International Limited on 18/02/2020. c) Mock drive- Video conferencing interviews are organized for final year Computer Science and Engineering on 10/05/2020 by VSAT Team, Pune. d) Preparatory Interview cum on board program is conducted for final year Mechanical Engineering on 10/02/2020. On similar line, total 12 rigorous soft skill development programs are conducted for Electrical and Civil Engineering students during 2019-2020. 2. Few innovative methods for teaching and learning followed in few departments. During the first visit of Hon. Peer NAAC committee noticed that the innovative teaching-learning methods took placed in few departments. However, the practices of innovative teaching-learning method and the various ICT tools are incorporated in each department. Well planed digital classrooms and smart classrooms have been equipped by each and every department. The faculty members underwent online learning through NPTEL videos. PPT's and practical videos have been displayed on screen through LCD projector. Online MOOCS courses are conducted for the students in every department once in a week. 3. A system is needed to be evolved and implemented to monitor the academic program of the students. During the academic year of 2019-20, the academic monitoring task force is established by each department. The HOD of the respective department leads the academic monitoring committee. The continuous internal performance of the students on various stages like unit wise internal test of the various subjects, mid-term test based on first three

units, remedial classes for slow learners have been meticulously studied by the academic monitory committee and the action regarding the progress in academic arena has been initiated from time to time.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
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	Personality Development and soft skill communication for teaching and non teaching	10/10/2019	10/10/2019	10/10/2019	75
2019	Celebrating Digital India Week for teaching and non teaching staff.	15/11/2019	15/11/2019	15/11/2019	75
2019	One day training on "Microsoft Power Point for non teaching staff.	18/11/2019	18/11/2019	18/11/2019	25
2019	Internal Academic Audit 2019-20 (odd sem)	20/12/2019	20/12/2019	21/12/2019	55
2020	Guest Lecture organized for all on How to live Peaceful, Stress-free, Successful Happy Life	02/01/2020	02/01/2020	02/01/2020	72
2020	Internal Academic Audit 2019-20	12/05/2020	12/05/2020	14/05/2020	54

| 2020 | Internal Administrative Audit 2019-20 | 20/05/2020 | 20/05/2020 | 25/05/2020 | 25 |

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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
Debate on Gender equality	13/08/2019	13/08/2019	10	15
Guest Lecture on Women Health issues	09/09/2019	09/09/2019	112	0
"Women Health Hygiene Awareness program #WhatWomenWant"	20/02/2020	20/02/2020	105	0
Women Grievance Redressal committee organizesd Health checkup campby Dr.Kiran M.Rahangdale From chandak Hospital CA road ,Nagpur	03/07/2020	03/07/2020	88	96
NSS Committee Organized Swachhata Abhiyan	03/12/2020	03/12/2020	25	30

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
Percentage of power requirement of the University met by the renewable energy sources The Institute campus is clean and green with well maintained trees, lawns, buses ETC.The Building Infrastructure is ultramodern and best designed. The institute has installed 20 K.W solar power plant in the premises, The Rainwater harvesting project has been implemented. Waste paper is sold to vendors for recycling. Use of Tobacco and Cigarettes are strictly prohibited in the college.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	**Yes**	1
Scribes for examination	**Yes**	1
Rest Rooms	**Yes**	1
Special skill development for differently abled students	**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	**1**	**Nill**	**18/06/2019**	**1**	**Induction Program for 1st year Students**	**B.E of first year intr oduction of subjects**	80
2019	**1**	**Nill**	**21/06/2019**	**1**	**Celebra tion Of I nternatio nal Yoga day**	**yoga conducted**	210
2019	**Nill**	**1**	**22/07/2019**	**1**	**Tree Pl antation Day.**	**Trees Planted in college campus**	153
2019	**1**	**Nill**	**14/08/2019**	**3**	**Guest lecture on "IES/G ATE/TSU" by ICE team**	**awerness of various sectors of budding engineers**	73
2019	**Nill**	**1**	**23/08/2019**	**2**	**Industr ial visit Vishvas Power Eng ineering Services Private Limited. M. I. D. C, Butibori, Nagpur**	**Industry and institute intearcti on and learning problems practical ly**	42
2019	**1**	**Nill**	**16/11/2**	**1**	**One day**		120

			019		workshop on Intellectual Property Rights (IPRs) amp Patenting	Technical Challenge for budding engineers	
2019	Nill	Nill	07/12/2019	1	Mock interview and skill development program by ICHRO Team	Skill based learning techniques	115
2019	Nill	1	26/12/2019	1	Donation of old bed sheets Blankets Winter wear	Social cause	45
2020	1	Nill	01/01/2020	1	Poster Competition on Non- Conventional Energy resources organized by Department of Electrical Engineering	Creative thinking and reading skill development	46
2020	1	1	26/01/2020	1	Republic day celebration	Nationalism, Demonstration of Indias war power	300

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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)
Ethics Code 2019	18/07/2019	Ethics Code 2019 is a hand book provided to the first year inducted students.The complete scheme of study during 4 years of study is given which includes rules and regulations, Academic

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation Day.	22/07/2020	22/07/2020	153
Quiz and "Best from Waste" competition organized by Department of First year.	31/01/2020	31/01/2020	40
Mock interview and skill development program by ICHRO Team	12/07/2019	12/07/2020	115
Donation of old Blankets Winter wear	26/12/2019	26/12/2019	45
Industrial visit Vishvas Power Engineering Services Private Limited. M. I. D. C, Butibori, Nagpur	15/02/2020	15/02/2020	42
Online webinar on Duties and Responsibilities of an Engineer towards nation Academics in NEP-2020	26/03/2020	26/03/2020	91

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

•Classrooms are provided with large size windows so that natural light are sufficient instead of using the electric lights. •Solar power of 20 K.W is installed in the campus. • The Institute has installed a rain water harvesting system at the top floor of main building of college .• Students and Faculty members organizes Tree Plantation Program every year in the campus and at Satnavri village. •World environment day celebration. •The institute has plastic free campus.• Lights and fans are switched off when not required.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices (1): Title of the practice: Life skill Development training Objectives: 1) To enhance thinking skills of students such as a) Self awareness` b) Problem solving/decision making c) Creative thinking d) Planning and goal setting 2) Interpersonal relationship skills help students to relate in positive ways with the people we interact with. it mean keeping good relations with family members, which are an important source of social support.

It may also mean being able to end relationship constructively. 3) Practices: During the year various programs such as Life skill training, industrial visits , were conducted. All these programs are meticulously planned and scheduled from July to march 2019-2020. Life skill training of each 08 hours module for first year and second year students (Including all courses) to develop the overall Life skills of the students. The institute has organized one day workshop on life skill training by Mr. Amit Shah. In which, he discussed life skill importance to success in the workplace. 45 students are participated in this workshop. In this workshop Mr. Amit Shah guided about how to do time management? , how to develop interpersonal skill? He motivates the students. 4) Impact of success: Impact of the experiential learning situation of training had a noticeable positive effect on various dimensions of personality Best Practice: (2): Title of the practice: Resume Development 1) Resume is summary of student's educational qualification details and his/her achievements on socioeconomic platform, sports etc. It highlights student's skills and experience relevant to the field. It highlights student's objectives and accomplishments. 2) Resume Development implementation process: The Purpose of Resume Development Workshop is to introduce yourself to the employers, including present Qualifications and opportunity to get an Interview call. The main goal of resume is to showcase students experience, education and skills in a standardized format which is recruiters to understand. This is one or two page documents presenting key facts about technical, functional and behavioral skills, It will all an easier the recruiters to understand and do the evaluation and screening according their requirements. This 2hrs workshop organized by Industry Institute Interaction cell of Training and Placement Department of Nagarjuna Institute of Engineering, Technology and Management, Satnavari Nagpur. 150 Students were participated to this program. Total 145 students enrolled their name for further learning of resume writing • Evidence of Success: Use an easy-to-read format and structure that highlights your relevant education and experience.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://nietm.in/Pages/other_link_best_practices

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

Area: Academics: The Institute work hard in particular towards improvement of tribal students. The institute not follows only meticulously following the university system of academics but is well focused and towards overall development of its students to make them highly competent in the professional world. Faculty takes the initiative for the academic as well as overall development of tribal students. Also all the departments frequently organize various seminars, workshops, webinars, and guest lecturers from industry professionals. Skill enhancement program resume development, interview, skill programs, soft skill, life skill development program industrial training/internship, industrial visits, industrial projects are regularly happening in department. The role of the faculty in this Institute is to instruct, train, facilitate, and/or mentor the students based on the outcomes targeted. The institute has a good record of results particularly in final year/end semester university examinations. The role of the faculty in this institute is to interact, train, facilitate and mentor the students in all respect .The Institute has the effective feedback mechanism which adds in continuous improvement of the program but also helps accomplish Institute's mission. Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

Provide the weblink of the institution
http://nietm.in/Pages/other_link_best_practices

8.Future Plans of Actions for Next Academic Year

• Strengthen the research activities in the institute and motivate the faculty members to undergo industrial training and promote the faculty members to undertake Research Development activities. • To carry out additional Extension activities towards social cause • To motivate the faculty members to register for PhD programs. • To further upgrade the Quality of Guest lecturers on current Topics and Emerging Trends, so as to Prepare our Students to get excellence in various competitive examinations • Planning, Execution of activities as per requirement of NAAC to Maintain the status