



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		MAYANK GARG
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0121-2439019
Mobile no.		9917103999
Registered Email		contact@miet.ac.in
Alternate Email		mayank.garg@miet.ac.in
Address		Meerut Institute of Engineering & Technology, NH-58, Delhi-Roorkee Highway, Baghpat Crossing, Bypass Road, Meerut
City/Town		MEERUT
State/UT		Uttar pradesh

Pincode	250005																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Girish Tyagi																		
Phone no/Alternate Phone no.	01212439057																		
Mobile no.	9319775610																		
Registered Email	team.iqac@miet.ac.in																		
Alternate Email	girish.tyagi@miet.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.miet.ac.in																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://miet.ac.in/academic-calendar																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>2.76</td> <td>2018</td> <td>26-Sep-2018</td> <td>25-Sep-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	2.76	2018	26-Sep-2018	25-Sep-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	2.76	2018	26-Sep-2018	25-Sep-2023														
6. Date of Establishment of IQAC	30-Dec-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															

NIRF Participation	12-Oct-2018 15	4962
Applied for NBA for UG Program	23-Jan-2019 45	683
Establishment of Two New SET Centers	27-Sep-2018 30	531
AICRA Accreditation of Robotics Lab	02-Apr-2019 25	203
Workshop on Outcome Based Eductaion	08-Sep-2018 1	222
Workshop on AICTE Model Curriculum & Exam Reform	04-Feb-2019 1	252
Conduct of AAA, Administrative Academic Audit	26-Jul-2018 21	4962
Feed back from all Stack Holder	14-Nov-2018 32	4962
Induatrial Oriented Training SAP, AWS etc	25-Oct-2018 72	2321
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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/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Biotechnology	NER	DBT	2018 365	800000
Pharmacy	SERB	DST	2017 1095	2443000
Pharmacy	Vishweshariya	AKTU	2018 730	500000
Mechanical Engineering	Institute Collaborative Grant	AKTU	2019 365	300000
Mechanical Engineering	Institute Collaborative Grant	AKTU	2019 365	300000
Mechanical Engineering	SME	MSME	2015 730	1000000
Institute	FIST	DST	2018 1095	5000000
Biotechnology	Young Scientist Award	CST-UP	2017 1095	1094000
Biotechnology	Women Scientist	DBT	2015 1095	2838000
Biotechnology	Young Scientist	CST-UP	2018 1095	1452000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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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. NBA expert visit of the pharmacy department 2. Academic Audit of the departments. 3. Classroom feedback of teachers once in a semester 4. Institute level workshop on Outcome Based Education 5. Institute level workshop on AICTE Model Curriculum and Examination Reform

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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
To get the NAAC Accreditation	The institute accredited by the body
NBA Accreditation of three UG Programs	Result Awaited
Re - Construction of community Center in a adopted village	Successfully Completed (Under the Banner of CSR Scheme)
Completion of Solar Power Project	Successfully Installed and get UP state energy conservation award (I Prize)
Establishment of two new SET Centers	Successfully Completed the establishment of Simenes SCADA and AIMA BIZ Lab
Accreditation of Robotics lab	Get AICRA Accreditation level
Solar Power Project	Completed

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Board of Governance</td> <td>14-Dec-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Board of Governance	14-Dec-2019
Name of Statutory Body	Meeting Date				
Board of Governance	14-Dec-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	14-Sep-2018				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2016				
Date of Submission	15-Feb-2016				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	MIET has Greycell ERP for administrative and academic purposes. The ERP contains a various number of modules such as Attendance, Time Table, Lesson Plan, Sessional Assessment, Student Feedback System, Student Grievance, Library, Student projects Assesment and evaluation, Leave Management System, Hostel Allotment, Admission, Student Registration, Student portal, subject setting, Placement, Finance, etc.				

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

Curriculum is the core of the educational process and the learning experience of the students is very much dependent on its prevalence, adequacy and relevance. Our Institute has always tried to incorporate the mission and vision of the institution into the academic programs in the form of curricular and co-curricular activities. At MIET, we have a well planed academic calendar to deliver curriculum in an effective and efficient manner. Expected coverage of the syllabus of theory subjects is duly mentioned in the academic calendar in accordance with the Sessional examination and is provided to the students before the commencement of semester. The proper monitoring of syllabus coverage is ensured by the concerned head of departments. In order to ensure timely

delivery of the subject topics, the proper and robust lesson plan is available with every faculty member. Different faculty members teaching a common subject prepare a common lesson plan and stick to that throughout the semester. The university evaluation scheme is incorporated in the lesson plan and discussed with the student in the beginning of the course. The different academic monitoring formats (AM-1 to AM-10) have been designed and used to monitor the academic process. The student attendance, time table, course & program outcomes achieved, Teaching - Learning Process etc are also monitored and assessed through these formats. Proper Lab manuals are available for laboratory experiments. Faculty in-charge explains and demonstrates theory behind the experiments and then student perform the experiments. Lab manuals help students to demonstrate experiments and corresponding writ-ups. At the end of experiment, students prepare writ-ups in their practical files and get it evaluated on next turn. Further, on next turn, a brief viva of the experiment conducted on the previous turn is taken up by the faculty in-charge who after assessment enters the details in a lab assessment sheet. Preparation for competitive examinations at the State/National/International level examinations is given due consideration in the academic process. Special classes are arranged to improve the performance of our students in competitive examinations like GATE / GPAT/ CAT / GRE etc. Further, for competitive examination like GATE/GPAT, different topics are covered by subject faculty members during regular curriculum coverage, wherever applicable. MIET believes that the education process should enhance employability of the students, hence some value added courses and Skill Enhancement Trainings are added other than prescribed curriculum. Separate schedule for these summer and winter training program are issued to the students well in advance. Industrial visits are organized to provide students exposure to the work environment of industrial establishment. Participation and success of the students in various competitive examinations ensures effective delivery of the curriculum. Gap between academia and Industry is bridged through several seminars/ Guest Lectures/ Workshops. Students' projects, assignments, academic fests, exhibitions form an important part of curriculum delivery wherein they participate by using the knowledge and skills learnt through various theoretical and practical subjects.

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
SAP Module2	NA	16/01/2019	10	YES	YES
C/CPLUSPLUS	NA	18/07/2018	10	YES	YES
JAVA	NA	18/07/2018	6	YES	YES
INDUSTRIAL AUTOMATION	NA	03/06/2019	6	YES	YES
AUTOMOBILE	NA	10/06/2019	6	YES	YES
CFD through MATLAB	NA	18/06/2019	6	YES	YES
SOLIDEDGE	NA	25/06/2019	5	YES	YES
SALESFORCE PD1	NA	03/06/2019	6	YES	YES
SALESFORCE BASICS	NA	10/06/2019	6	YES	YES
RED HAT	NA	11/06/2018	3	YES	YES
WEB	NA	08/01/2019	3	YES	YES

PROGRAMMING						
PHP WEB DEVELOPMENT	NA	28/11/2018	6	YES	YES	
Robotics and IoTL1	NA	18/07/2019	10	YES	YES	
Robotics and IoTL2	NA	16/01/2019	3	YES	YES	
Siemens PLC Drive	NA	18/07/2018	6	YES	YES	
Siemens SCADA	NA	16/01/2019	6	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
BTech	Computer Science Engineering	01/07/2018
BTech	Information Technology	01/07/2018
BTech	Electronics Communication	01/07/2018
BTech	Electrical Engineering	01/07/2018
BTech	Chemical Engineering	01/07/2018
BTech	Mechanical Engineering	01/07/2018
BTech	Civil Engineering	01/07/2018
BTech	Biotechnology	01/07/2018
BPharm	B.Pharm	01/07/2018
MBA	MBA	01/07/2018
MCA	MCA	01/07/2018

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

	Certificate	Diploma Course
Number of Students	3172	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
Personality Development Program	18/07/2018	1021
Aptitude Training	28/12/2018	1021
Human Values and	18/07/2018	853

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	ECE	148
BTech	CSE	430
BTech	CIVIL ENGINEERING	83
BTech	ELECTRICAL ENGINEERING	46
BTech	INFORMATION TECHNOLOGY	52
BTech	CHEMICAL ENGINEERING	23
BTech	BIOTECHNOLOGY	69
BTech	MECHANICAL ENGINEERING	161
BPharm	Pharmacy	61
MCA	COMPUTER APPLICATION	89
MBA	MARKETING/FINANCE/HR/IB/I T	96

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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

At MIET, proper feedback (online to implement e governance policy) mechanism has been designed to collect feedback. The overall institute feedback is collected in a structured and interactive manner from following segments: • Students Feedback • Alumni • Parents • Employers • Exit surveys Significance, level and frequency of feedbacks: Student feedback: It is collected from students of each semester where they give opinion regarding their level of subject understanding in class, teaching methodology, facilities provided, and suggestions for improvement. The above is used as an indirect assessment tool to calculate Course and Program Outcome Attainment, redefine the existing teaching approach. Student feedback is taken by the existing students in each semester. Alumni feedback: It tends to gather insights into institutional quality improvement and to provide statistical data for identification of gaps in academics and industries. Alumni feedback is taken in both the ways structured and unstructured. Some of the feedback is taken by the structured form and sometimes feedback is taken by face to face verbal interactive session. Parent feedback: It tends to gather feedback regarding facilities and overall development of the students. Also it gives an insight towards expectation of the parents from the institution. Parent feedback is taken in

both the ways structured and unstructured. Some of the feedback is taken in the structured form and sometimes feedback is taken as face to face verbal interactive session. Employer Survey: It is play major role in our PO assessment attainments, helps us to indentify our deficiency and also help in holistic development of the students as well as the institute. Employer feedback is taken in both the ways structured and unstructured. Some of the feedback is taken by the structured form and sometimes feedback is taken by face to face verbal interactive session. Exit Survey: It is taken by the outgoing final year students which give overall feedback regarding curriculum, facilities, guidance etc. that are provided by the institute. This feedback help the Institute to help improve the Institution on many parameters. All the collected feedback is analyzed and used for improving teachinglearning or/and creating additional facilities and/or improving already existing facilities.

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
BTech	Computer Science & Engineering	360	388	379
BTech	Information & Technology	60	60	64
BTech	Electrical Engineering	60	31	30
BTech	Electronics & Communication Engineering	180	100	95
BTech	Mechanical Engineering	240	103	104
BTech	Chemical Engineering	50	16	15
BTech	Biotechnology	120	66	61
BPharm	B.Pharma	60	66	62
MCA	MCA	180	59	55
MBA	MBA	180	104	98
Mtech	Computer Science & Engineering	36	12	8
Mtech	Biotechnology	18	5	3
Mtech	Electronics & Communication Engineering	18	3	3
Mtech	Thermal Engineering	18	2	1
MPharm	Pharmacology	12	6	6
MPharm	Pharmaceutics	18	2	1
MPharm	Pharmaceutical	18	0	0

	Chemistry			
BSc	Biotechnology	120	45	45
BSc	Microbiology	60	37	37
MSc	Biotechnology	60	23	23
BTech	CIVIL ENGINEERING	120	44	44
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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
2018	4014	503	54	77	314

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	Number of smart classrooms	E-resources and techniques used
445	423	39	62	5	32
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

To monitor the students for their overall develop we follow mentor mentee concept. Mentor maintains his/her mentee's profile (Academic, co-curricular, extracurricular, achievements, strengths and weaknesses) for all the four years of graduation. Mentor motivates mentee to develop skills, competencies, or goals. A mentor helps mentee for his/her personal growth and professional development. Mentors guides in a variety of areas, such as relating to peers, worklife balance, and ethics. Mentor interacts with a mentee and providing support, advice, and feedback to the mentee. Mentor involved with the mentee for his/her holistic development. Mentor track the performance of students and counsel them to remain on right direction and stay motivated. Mentors are expected to provide support and guidance to their students on academic and non-academic issues. Mentor regularly emphasize the importance of PDP classes amongst students and motivate them to attend the same. Mentor discuss student's problems with Class counselor/Academic Coordinator/ HOD for appropriate action as and when required.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4517	445	15

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
445	411	34	34	77

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
2018	Dr. Amit Kumar Ahuja	Professor	Appreciation certificate from Texas Instruments for TI FDP
2018	Dr. Amit Kumar Ahuja	Professor	Appreciation memento from Texas Instruments for Quiz at Institute level
2018	Dr. Arvind Kumar Pandey	Associate Professor	Appreciation memento from Texas Instruments for participation in INDIA INNOVATION CHALLENGE Design Contest 2018
2018	Dr DV Surya Prakash	Assistant Professor	BEST RESEARCHER AWARD 2018 by Indian Academic Researchers Associations, Tiruchirappalli, Tamilnadu.
2019	Dr. Vimal Kumar	Associate Professor	IBM Academic Certificate exam for Security Intelligence Engineer 2018 Mastery Award for Students
2019	Dr. Ajay Kr. Singh	Professor	IBM Academic Certificate exam for Artificial Intelligence Analyst 2019 Mastery Award
2019	Mr. Baldivya Mitra	Assistant Professor	IBM Artificial Intelligence Mastery Award 2019
2019	Mr. Arpesh Singh	Assistant Professor	AWS Cloud Practitioner, Mastery Award
2019	Ms. Pragya Gaur	Assistant Professor	AWS Cloud Practitioner, Mastery Award
2019	Yogesh Mohan	Assistant Professor	NNRMS Certificate by IIRS, ISRO

2019	MR. ABHILASH	Associate Professor	Appreciation received to be a resource person in workshop at NITTTR, CHANDHIGARH
2019	Mr. Amit Kumar	Assistant Professor	Winner of Pune Smart City hackathon
2019	Dr. Naman Jain	Assistant Professor	Young Scientist Award
2019	Dr. Alka Sagar	Assistant Professor	Late Smt. Rahibai Ramteke Young Women Scientist Award
2019	Dr. Poonam Rani	Assistant Professor	Best Young Scientist (Female) Award by GISR Foundation
2019	Dr. Poonam Rani	Assistant Professor	Best Teacher Award by Agricultural Technology Development Society, Ghaziabad
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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
BTech	04	1	10/06/2019	25/07/2019
BTech	04	2	10/06/2019	25/07/2019
BTech	04	3	10/06/2019	25/07/2019
BTech	04	4	10/06/2019	25/07/2019
BPharm	05	1	10/06/2019	25/07/2019
BPharm	05	2	10/06/2019	25/07/2019
BPharm	05	3	10/06/2019	25/07/2019
BPharm	05	4	10/06/2019	25/07/2019
MCA	09	1	10/06/2019	25/07/2019
MCA	09	2	10/06/2019	25/07/2019
MCA	09	3	10/06/2019	25/07/2019
MBA	08	1	10/06/2019	25/07/2019
MBA	08	2	10/06/2019	25/07/2019
Mtech	02	1	10/06/2019	25/07/2019
Mtech	02	2	10/06/2019	25/07/2019
MPharm	03	1	10/06/2019	25/07/2019

MPharm	03	2	10/06/2019	25/07/2019
BSc	979	1	20/06/2019	10/08/2019
BSc	979	2	20/06/2019	10/08/2019
BSc	979	3	20/06/2019	10/08/2019
MSc	979	1	20/06/2019	10/08/2019
MSc	979	2	20/06/2019	10/08/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students Evaluation and Assessment is an integral part of the teaching learning process and an essential component to achieve program outcomes and program educational objectives. In order to develop a well planned and rigorous continuous internal evaluation system, the following measures are taken by the Institute:

- MIET is affiliated with Dr. A.P.J. Abdul Kalam Technical University, Lucknow, which follows the centralized evaluation system. The evaluation schedule is detailed and displayed on the university website, and, all teachers teaching a course are expected to participate in evaluation at their corresponding centers.
- The Internal Assessment is carried out in our Institute as per the evaluation scheme laid down by the University. Complete clarity and transparency are maintained in communicating the internal assessment marks to students.
- Although the University prescribes two sessional exams, however, we conduct three sessional exams in which the third one covers 6575 of the syllabus and is based on the same pattern as that of the University examinations. This results in the better preparation of students for the end semester university examinations, increasing their chances of improved performance in terms of percentage/CGPA and employability.
- In case student was not able to appear in any one of the three sessional exam due to medical problem or any other reason, One ReTest is introduced in this session for the students, So that in genuine cases students get chance to improve internal marks.
- After evaluation of the answer copies of sessional examinations, these are made available to the students for verification and to clear their doubts (if any). The same is collected back and kept in the office of the Centre Superintendent.
- Every fortnight, attendance records are displayed, and, after each sessional examination, sessional marks are displayed.
- During the orientation programme organized at the beginning of each academic year, Director and senior faculty members of the respective department present the students an overview of the evaluation processes/norms involved in our system.
- Different committees have been formed to supervise and look after academic monitoring activities of the institute.
- Specific rubrics are designed and used for the assessment of technical ability, practical skills, and values.
- Case studies, mock interview sessions, specific domain based competitions are used as nontraditional tools, other than classroom test and Sessional examination to achieve a desired set of skills.
- Students' feedback is a major and powerful tool for Continuous Internal Evaluation (CIE).
- Students' feedbacks are used as input for possible reforms in CIE.
- Our internal evaluation system is designed in such a way that we are able to quantify the course outcomes achieved by the students and also able to map course outcomes with program outcomes and program specific outcomes.
- At MIET, we continuously review the internal evaluation process and incorporates necessary changes as and when required/ applicable. Further, faculty members are encouraged to adopt different methodologies of evaluation to test learning outcomes.
- Open book system is also introduced in some courses on trial basis.

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

Institute designs academic calendar in line with the University academic calendar. Separate Odd and Even semester Academic Calendars are issued to the students and departments at appropriate time, before start of each semester. The central committee of senior faculty members preparing the Academic Calendar ensures that all planned curricular and extracurricular activities get mentioned in the calendar with specific dates. Department level administrative activities related to the academics are also scheduled in line with academic calendar to monitor progress of learning and evaluation of teaching process. Departments follow this academic calendar and design action plans which is implemented for the effective transaction of the curriculum. Institute strives for achieving excellence by developing effective academic calendar and schedule of Teaching Learning Process to cater the needs of diversified students. Institute academic calendar has well planned structure for Continuous Internal Evaluation system. The Academic Calendar for each semester is designed keeping at least 60 teaching days in a semester. Provision of three internal examinations, called sessional Exams (I, II and Preuniversity examinations) are mentioned in the academic calendar. The first two sessional exams are of two hours duration for each course and are conducted after completion of 30 to 35 of syllabus. The third sessional (preuniversity exam) is for three hours duration, for each course covering 70 to 75 of the syllabus. In the preuniversity exams, question papers are designed as per university pattern. All the three sessional exams are mandatory for students. If student take these exams sincerely then they are able to complete 60 70 syllabus after two sessionals while III sessional provides revision opportunity of the matter which they have learnt earlier. Central exam committee ensures that these exams are conducted as per the dates mentioned in the academic calendar. Students and faculty members are also aware about these dates beforehand thus providing them directions to move forward. By the time, the final university examination approaches, students are confident and well prepared to achieve good marks in end semester exams. Similarly all planned cocurricular and extracurricular events take place at their appropriate timings as mentioned in the academic calendar.

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://miet.ac.in/information-technology>

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
04	BTech	CIVIL ENGINEERING	113	109	96.46
04	BTech	COMPUTER SCIENCE & ENGG.	239	234	97.9
04	BTech	INFORMATION TECHNOLOGY	87	85	97.7
04	BTech	ELECTRICAL ENGINEERING	63	61	96.82
04	BTech	ELECTRONIC C OMMUNICATION	159	151	94.96

		& ENGG.			
04	BTech	MECHANICAL ENGG.	228	223	97.8
04	BTech	CHEMICAL ENGG.	37	37	100
04	BTech	BIOTECHNOLOGY	63	62	98.41
05	BPharm	B.Pharma	58	46	79.31
08	MBA	MBA	129	118	91.47
09	MCA	MCA	105	101	96.19
979	BSc	BIOTECHNOLOGY	20	18	90
979	BSc	MICROBIOLOGY	21	16	76.19
979	MSc	BIOTECHNOLOGY	9	9	100
979	MSc	MICROBIOLOGY	18	18	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://miet.ac.in/student-satisfaction-survey>

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	365	Collaborative Research and Innovation Program TEQIPIII of AKTU	300000	75000
Interdisciplinary Projects	365	Collaborative Research and Innovation Program TEQIPIII of AKTU	300000	75000
Industry sponsored Projects	365	Mittal rubbers pvt ltd. Meerut	315481	315481
Industry sponsored Projects	365	S.K. Textile	25000	0
Major Projects	1095	Science Engeneering Reasech Board	2345000	600000

Projects sponsored by the University	730	Dr. A.P.J. Abdul Kalam Technical University, U.P	500000	245000
Any Other (Specify)	3	Mittal Rubbers Pvt. Ltd.	40000	40000
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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
Improving performance of construction projects: A project managers approach	Civil Engineering Department	09/10/2018
Workshop on Analog Design by TI	ECE	07/09/2018
Current Trends Futuristic Challenges in Pharmaceutical Sciences	Pharmaceutical Technology	22/09/2018
Bridging the gaps Academia to Industry Understanding	Pharmaceutical Technology	05/02/2019
Expertise in Techniques of Biotechnology and Microbiology	Department of Biotechnology Microbiology	16/01/2019
Faculty Development Programme In Collaboration with Education Department , Meerut On " Strengthening Skills in Applied Biosciences	Department of Biotechnology Microbiology	12/01/2019
Innovative Practices in Sports Goods Manufacturing	MBA	12/11/2018

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
urban and housing, hackathon	Sholi Jindal	Govt. of India	02/12/2019	Hackathon
UP State Energy Conservation Award	Shri Vishnu Saran	UP State Government	15/05/2019	Renewable Energy Conservation Award
SIH, 2019	Mayank Jindal	Govt. of India	01/05/2019	Hackathon
SIH, 2019	Lakshay Guglani	Govt. of India	01/12/2019	Hackathon
SIH, 2019	Mansi Mishra	Govt. of India	02/12/2019	Hackathon
SIH, 2019	Nikita Gupta	Govt. of India	02/12/2019	Hackathon

SIH, 2019	Neha Kumari	Govt. of India	02/12/2019	Hackathon
SIH, 2019	Gunjali Moorjani	Govt. of India	02/12/2019	Hackathon
SIH, 2019	Sahitya kumar	Govt. of India	02/12/2019	Hackathon
SIH, 2019	Saksham Sangal	Govt. of India	02/12/2019	Hackathon
SIH, 2019	Mukul Sharma	Govt. of India	02/12/2019	Hackathon
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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
MIET Business Incubator	Dr. Shashwat	MIET Meerut	Myshiksha.com	Educational Solution	02/08/2018
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
34	11	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
Pharmaceutical Technology	4
MBA	1

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	CSE	4	5.85
International	EE	1	.1
International	IT	4	1.1
International	CE	1	4.09
International	ECE	7	0.68
National	BT	1	2.3
International	BT	20	1.37
International	Pharmaceutical Technology	10	4.15
International	CCS	2	1.9
International	MBA	7	6.68

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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
BT	5

ME	3
Pharmaceutical Technology	7
CCS	10
APPLIED SCIENCE	1
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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
"A Novel Framework for Reliable and Fault Tolerant Web Services."	Abhishek Kumar, Akhilesh Kumar Pandey and Shuchita Shukla	IJRTE	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
A Performance Evaluation of Routing Algorithms for Wireless Sensor Networks under Energy Harvesting Nodes Deployment	Dr. Ajay Kr. Singh	International Journal for Research in Engineering Application Management (IJREAM)	2018	3	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	3
Development Cycle of Routing Protocol from Conventional to Harvesting in WSNs	Dr. Ajay Kr. Singh	International Journal of Research In Electronics and Computer Engineering (IJRECE)	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
TCP Packet Eavesdrop Using Wireshark	Dr. Ajay Kr. Singh	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
A Survey on Applications, Com	Dr. Ajay Kr. Singh	International Journal of	2019	1	MEERUT INSTITUTE OF ENGINEERING	1

Communication Stack and Energy Consumptions in WSNs		Recent Technology and Engineering (IJRTE)			RING TECHNOLOGY	
A Performance Evaluation of Routing Algorithms for Wireless Sensor Networks under Energy Harvesting Nodes Deployment", International Journal for Research in Engineering Application Management (IJREAM)	Dr. Ajay Kr. Singh	International Journal for Research in Engineering Application Management (IJREAM),	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Development Cycle of Routing Protocol from Conventional to Harvesting in WSNs	Dr. Ajay Kr. Singh	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
TCP Packets Analysis Using Wireshark	Dr. Ajay Kr. Singh	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Inertia Weight Controlled PSO for Task Scheduling in Cloud Computing	Mr. Nagresh Kumar	IEEE International Conference on Computing, Power and Communication Technologies (GU CON), 2018	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Analogical Study of	Mr. Vishal Jayaswal	IJRECE	2018	1	MEERUT INSTITUTE	1

Support Vector Machine (SVM) and Neural Network in Vehicle's Number Plate Detection					OF ENGINEERING TECHNOLOGY	
A Location Dependent Key Management Method for WSN With Reduced Path Length And Considering Cell Head	Nidhi Tawra, Prerna, Bahawna Gupta	International Journal of Computer Science and Engineering (IJCS E)	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Power Efficient Localization schema for Wireless Sensor Network	Pradeep Chauhan	Journal of Emerging Technologies and Innovative Research (JETIR) www.jetir.org	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
RESOLVING PHYSICAL INTERFERENCE AMONG THE ROBOT USING RESPONSE THRESHOLD (RTM) IN MULTI ROBOT TASK ALLOCATION (MRTA)	Punit Mittal	Journal of Emerging Technologies and Innovative Research	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
SOFTWARE AGING AND REJUVENATION (SAR)	Rohit Aggarwal	International Journal of Research and Analytical Reviews (IJRAR)	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Power Efficient Localization schema	Sanjay Kumar Sonker	Journal of Emerging Technologies and	2018	1	MEERUT INSTITUTE OF ENGINEERING	1

for Wireless Sensor Network		Innovative Research (JETIR) www.jetir.org			TECHNOLOGY	
SECURE VIDEO COMPRESSION (ICECCT)	shailendra kumar singh	ICECCT	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Performance comparison on fixed channel allocation for with and without borrowing scheme in wireless network	Suyash Kumar	BIJIT	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Performance Analysis of Channel Allocation Scheme for A System Model Based On Urban Structure	Suyash Kumar	International Journal of Computer Sciences and Engineering	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Enhanced Ranking and Storage of search results using Markov Chain	Swati Jain, Mukesh Rawat	International Journal of Recent Technology and Engineering	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Managing the Cloud: Establishing Standards for Describing Core Tasks of Cloud Creators, Providers, and Consumers	Umang Rastogi	IJRTE	2019	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1

A novel Investigation and comparative study on building integrated photo voltaic thermal (BIPVT) system	Shweta Shukla	IJMEMS	2018	1	MEERUT INSTITUTE OF ENGINEERING TECHNOLOGY	1
Minimization of Association Rules Using Hybrid Algorithm	Dr. Nidhi Tyagi	IJRTE	2018	1	Department of Computer Science and Engineering, MIET Meerut India	1
Evaluation of Parallel System using Process Algebra	Mr. Abhilash	IJITEE	2018	1	Information Technology, Meerut Institute of Engineering and Technology, Meerut India	1
A Comparative Analysis For Shallow Aquatic Images Visibility Improvement And Restoration	Mr. Gaurav Goel	IJCA	2018	1	Assistant Professor, IT Deptt, MIET Meerut	1
Adsorption of Cr (VI) ion from tannery wastewater on tea waste: Kinetics, equilibrium and thermodynamics studies	Sunil Rajoriya	Journal of Environmental Chemical Engineering	2019	1	MIET, MEERUT	1
Dual Band MPA with Improved	Omprakash Thakur	International Journal of	2019	1	MIET, Meerut	0

Bandwidth using Ishaped CSRR Loading		Recent Technology and Engineering (IJRTE)				
Intelligent Greenhouse Environment Monitoring and Automatic Controlling System Using IOT	Prashant Gupta	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	MIET, Meerut	0
Speech Recognition: A Complete Perspective	Ashok Kumar	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	NIT Kurukshetra, MIET, Meerut	0
High gain miniaturized photonic band gap terahertz antenna for size limited applications	Subodh Kumar Tripathi	Australian Journal of Electrical and Electronics Engineering	2019	1	IKGPTU Jalandhar India, MIET Meerut	0
New Receiver for a Pass band System for CFSK receiverThe STSCFSK Receiver	Amit Kumar Ahuja	Journal of Scientific and Industrial Research	2018	1	MIET, Meerut	0
The Particle Swarm Modified Quasi BangBang Controller for Seismic Vibration Control	Gaurav Kumar	Ocean Engineering, Elsevier	2018	1	IIT Roorkee	0
An adaptive	Gaurav Kumar	Mechanics Industry,	2018	1	IIT Roorkee	0

LQR controller based on PSO and maximum predominant frequency approach for semiactive control scheme using MR damper						
Biofuel from Bryophyta as an alternative fuel for future	Sirohi, S., Yadav, C., Banerjee, D.	Nature Environment and Pollution Technology	2019	1	Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut	0
Understanding the role of the wrky gene family under stress conditions in pigeonpea	Singh, A., Singh, P.K., Sharma, A.K., Deshmukh, R., Sharma, T.R.	Plants	2019	1	Meerut Institute of Engineering and Technology, Meerut	1
Synthesis of nontoxic, biocompatible, and colloidal stable silver nanoparticle using eggwhite protein as capping and reducing agents for sustainable antibacterial application	Thiyagarajan, B5K., Bharti, P. K., Tyagi, S, Raj, T., Kumar, B.	RSC Advances	2018	9	Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut	9
An improved	Mahato, A. K., Sharma	Data in Brief	2018	3	Meerut Institute	3

draft of the pigeonpea (Cajanus cajan (L.) Millsp.) genome	, A.K., Sharma, T.R., Singh, N.K.				of Engineering and Technology, Meerut	
In vitro and in vivo immunomodulating properties of mesenchymal stem Cells.	Divya Chaudhary, Raj N. Trivedi, Ashima Kathuria, Tapas K. Goswami, Rekha Khandia and Ashok Munjal	Recent Patents on Inflammation Allergy Drug Discovery (2018)	2018	8	Department of Biotechnology and Microbiology, Meerut Institute of Engineering and Technology, Meerut	8
Anti Cataract Activity Of Synthesized Silver Nano Particles from Skin of Allium cepa Species	Sruthi T, Ch. Koteswara rao , Surya Prakash DV, Anand kumar, Monica nissy, Sasikala, Dr.Meena V angalapati	Materials Today: Proceedings Journal Elsevier Scopus,	2019	1	Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut	0
Fabrication and characterization of chitosan coated sisal fiber - Phytigel modified soy protein based green composite	Dr. Naman Jain	Journal of Composite Materials	2019	2	G. B. Pant University of Agriculture and Technology, Pantnagar	1
Creep and dynamic mechanical behavior of crosslinked polyvinyl alcohol reinforced with cotton	Dr. Naman Jain	Journal of Polymer Engineering	2019	1	Meerut Institute of Engineering and Technology, Meerut	0

fiber laminate composites						
Dynamic and creep analysis of polyvinyl alcohol based films blended with starch and protein	Dr. Naman Jain	Journal of Polymer Engineering	2018	1	G. B. Pant University of Agriculture and Technology, Pantnagar	0
Mechanical Characterization and Machining Performance Evaluation of Rice Husk/Epoxy an Agricultural Waste Based Composite Material	Dr. Naman Jain	Journal of the Mechanical Behavior of Materials	2019	1	Meerut Institute of Engineering and Technology, Meerut	0
EFFECT OF HIGHER ORDER ELEMENT ON NUMERICAL INSTABILITY IN TOPOLOGICAL OPTIMIZATION OF LINEAR STATIC LOADING STRUCTURE	Dr. Naman Jain	Journal of Theoretical and Applied Mechanics	2018	1	G. B. Pant University of Agriculture and Technology, Pantnagar	0
Unmanned machine vision system for automated recognition of mechanical parts	Dr. Tushar Jain	International Journal of Intelligent Unmanned Systems	2018	2	Meerut Institute of Engineering and Technology, Meerut	1
Robust active vision industrial	Dr. Tushar Jain	International Journal of Intelligent	2018	1	NIT Kurukshetra	1

CAD parts recognition system		t Machines and Robotics				
Development of machine vision system for automated mechanical objects recognition	Dr. Tushar Jain	International Journal of Intelligent Machines and Robotics	2019	2	Meerut Institute of Engineering and Technology, Meerut	1
Robust industrial vision system for mechanical parts recognition	Dr. Tushar Jain	International Journal of Intelligent Machines and Robotics	2018	2	Meerut Institute of Engineering and Technology, Meerut	1
Design of Machine Vision System for Automated Inspection in Robotics	Dr. Tushar Jain	International Journal of Applied Engg and Research	2018	2	NIT Kurukshetra	1
Design of Computer Vision System for Objects Recognition in Automation Industries	Dr. Tushar Jain	Global Journal of Enterprise Information System	2018	1	Meerut Institute of Engineering and Technology, Meerut	0
Numerical Research of Flow Heat Transfer through Micro Channel of Mems Device	Mr.S.K. Rai	International Journal of Recent Technology and Engineering	2019	1	Meerut Institute of Engineering and Technology, Meerut	0
Stability Analysis of Supercritical Water Natural Circulation Loop with Vertical Heater and	Mr.S.K. Rai	Indian society of heat and mass transfer	2018	2	PDMP IIIT DM Jabalpur	2

Cooler						
Management and Prevention of Drugs induced End Stage Renal Disease	Amrish Kumar, Mansi Verma, Vrish Dhvaj Ashwlayan, Vipin Kumar Garg.	Journal of Advanced Scientific Research	2018	2	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	1
Investigation on Memory Enhancing Activity of Depoxetine hydrochloride synthetic drug on Experimental rats	Kumar, R., Ashwlayan, V. D.	Journal of Global Trends in Pharmaceutical Sciences	2019	2	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	1
Rizatriptan Benzoate loaded natural polysaccharide based microspheres for nasal drug delivery system	Sharma M, Sharma N. Sharma A	International Journal of Applied Pharmaceutics	2019	2	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	1
Diagnostic approach pharmacological	Amrish Kumar, Vrish Dhvaj	Pharmacy and Pharmaceutical Research	2018	1	Department of Pharmaceutical Technology,	0

treatment regimen of peptic ulcer disease	Ashwlayan Mansi Verma	Open Access Journal			Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	
Psychiatric drugs in medical setting	Kumar, A. Ashwlayan, V D Verma M.	International Journal of Medical, Pharma and Research	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
A review on punctum plugs in the management of dry eye syndrome	Kumar A., Ashwlayan V. D., Verma M., Garg, V. K., Gupta, S. K.	Advances in Ophthalmology Visual System	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Diagnosis and Immunotherapy Strategies for Melanoma: A Review	Kumar A., Ashwlayan V. D., Verma M., Garg, V. K., Gupta, S. K., Kumar A, Chaudhary A, Sharma	Lupin Online Journal of Medical Sciences	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET)	0

	A, Koul S, Kumar S, Kumar A, Garg G, Sharma N, Kumar S, Kumar N and Gupta S. K.				NH58, Delh iRoorkee Highway, M eerut25000 5, Uttar Pradesh, India	
Investigat ion on Gas trointestinal Tract: A Review	Kumar A., Ashwlayan V. D., Verma M., Garg, V. K., Gupta, S. K, Kumar A, Chaudhary A, Sharma A, Koul S, Kumar S, Kumar A, Garg G, Sharma N, Kumar S, Kumar N and Gupta S. K.	Lupin Online Journal of Medical Sciences	2018	1	Department of Pharmac eutical Te chnology, Meerut Institute of Enginee ring and Technology (MIET) NH58, Delh iRoorkee Highway, M eerut25000 5, Uttar Pradesh, India	0
Irritable Bowel Syndrome: A Review	Kumar A., Ashwlayan V. D., Verma M.	Acta Scientific Pharmaceut ical Sciences	2018	1	Department of Pharmac eutical Te chnology, Meerut Institute of Enginee ring and Technology (MIET) NH58, Delh iRoorkee Highway, M eerut25000 5, Uttar Pradesh, India	0
7Azaindole Analogues as Bioactive agents and Recent Results.	Sharma N and Anurag	Bentham Science Pu blishers.	2018	1	Department of Pharmac eutical Te chnology, Meerut Institute of Enginee ring and Technology (MIET) NH58, Delh iRoorkee	0

					Highway, Meerut 250005, Uttar Pradesh, India	
A Review on pharmacological treatment of sleep and circadian rhythm disorders	Kumar A., Ashwlayan V. D., Verma M., Garg, V. K., Gupta, S. K, Kumar A, Chaudhary A, Sharma A, Koul S, Kumar S, Kumar A, Garg G, Sharma N, Singh L.	Sleep Medicine and Disorder: International Journal	2019	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Role of Campylobacter pylori and non-steroidal anti-inflammatory drugs in the pathogenesis of peptic ulcer and pharmacological approaches for the treatment of peptic ulcer disease	Kumar A., Ashwlayan V. D., Verma, M	Gastroenterology Hepatology Open Access	2019	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
A review on management of Psychosis using pharmacological strategies.	Kumar A., Ashwlayan V. D., Verma M., Garg, V. K., Kumar A, Gupta, S. K, Koul S., Sharma A, Chaudhary A, Kumar A, Kumar S, Sharma N K,	Lupin Online Journal of Medical Sciences	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar	0

					Pradesh, India	
A review on pathophysiology, diagnosis and pharmacological management of spastic colon	Kumar A., Ashwlayan, V. D., Verma, M. A	Acta Scientific Pharmaceut ical Science	2019	1	Department of Pharmaceut ical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Development and Gamma Scintigraphy Study of Trigonella foenumgraecum (Fenugreek) Polysaccharide Based Colon Tablet.	Nitin Sharma, Anjana Sharma, Dhruv Kumar Nishad, Kushagra Khanna, Braj Gaurav Sharma, Dipti Kakkar, Aseem Bhatnagar	AAPS Pharm SciTech	2018	2	Department of Pharmaceut ical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	2
Resatriptan Benzoate loaded natural polysaccharide based microspheres for nasal drug delivery system	Minakshi Sharma, Nitin Sharma, Anjana Sharma	International J of Applied Pharmaceut ics	2018	1	Department of Pharmaceut ical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Pomegranate supplementation	Karwasara R, Singh S, Sharma	Journal of food biochem istry	2019	1	Institute of Nuclear Medicine	1

attenuates inflammation, joint dysfunction via inhibition of NF- κ B signaling pathway in experimental models of rheumatoid arthritis	D, Sharma S, Sharma N, Khanna K				and Allied Science, Timarpur Delhi	
Novel gum acacia based macroparticles for colon delivery of Mesalazine: Development and gammascintigraphy study	Nitin Sharma, Anjana Sharma, Aseem Bhatnagar, Dhruv Kumar Nishad, Ritu Karwasara, Kushagra Khanna, Neeraj Kumar, Gaurav Jain	Journal of Drg delivery Science and Technology	2019	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, DelhiRoorkee Highway, Meerut250005, Uttar Pradesh, India	0
A comparative study of chitosan gel and soframycin in the management of wound	Aseem Bhatnagar, Dhruv Kumar Nishad, Ritu Karwasara, Kushagra Khanna, Nitin Sharma, Roop Kumar Khar, Harvinder Popli	The International Journal Of Lower Extremity Wound	2019	1	Institute of Nuclear Medicine and Allied Science, Timarpur Delhi	0
A brief review about swine flu: Pharmacology and Pharmacovigilance study in the present time	Shweta Tyagi, Vrish Dhvaj Ashwlayan Meenakshi Dahiya Jay Prakash	International Journal of Pharmaceutical Technology and Biotechnology	2019	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delh	0

					iRoorkee Highway, Meerut 250005, Uttar Pradesh, India	
A review on pathophysiology, diagnosis and pharmacological management of septic colon	Kumar A., Ashwlayan, V. D., Verma, M.	Acta Scientific Pharmaceutical Science	2019	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Psychiatric drugs in medical setting: a review	Kumar, A. Ashwlayan, V D Verma M.	International Journal of Medical, Pharma and Research	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Role of chemical entities in ototoxicity	Kumar, A. Ashwlayan, V D Verma M.	Journal of Advanced Research in Medical Science Technology	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0

Nipha Virus: An update	Ashwlayan, V. D. Nimesh, S.	MOJ Drug Design Development Therapy	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Cutting Edge of Herbal Drugs over Allopathic Drugs in Clinical Treatment of Rheumatoid Arthritis	Ashwlayan, V. D. Nimesh, S.	Journal of Bone Biology Osteoporosis	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Disorder of Infancy and Childhood: A Review	Kumar, A. Ashwlayan, V.D. Verma M.	Global Journal of Pharmacy Pharmaceutical Sciences	2018	1	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India	0
Genus Vanda: A review on traditional uses, bioactive	Khan, H., Marya., Belwal, T., Tariq, M., Atanasov,	Journal of Ethnopharmacology	2019	1	G.B. Pant National Institute of Himalayan Environment	0

chemical constituents and pharmacological activities	A. G., Devkota, H. P.					t and Sustainable Development, Kosi Katarmal, Almora, Uttarakhand, India	
In silico Homology Modelling and Epitope Prediction of Drug Target Protein in Human Herpes Virus 8 (HHV8)	Amir, A., Kapoor, N., Kumar, H., Tariq, M. Siddiqui, M, A.	Biotech Today	2019	1	Department of Biotechnology and Microbiology, MIET, Meerut, UP	0	
Bioactive metabolite as a tool to monitor conservation approaches of elite and threatened medicinal plants species	Venkatasubramanian, P., Balasubramani, S.P., Nandi, S. K. Tariq, M.	Current Science	2018	1	G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi Katarmal, Almora, Uttarakhand, India	0	
In vitro propagation of some threatened plant species of India	Deb, C.R., Rout, G.R., Mao, A.A., Nandi, S.K., Singha, R.K.N., Vijayan, D., Langhu, T., Kikon, Z.P., Pradhan, S., Tariq, M. Swain, D.	Current Science	2018	1	G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi Katarmal, Almora, Uttarakhand, India	0	
Polyphenolics in the leaves of Paris poly	Tariq, M., Belwal, T., Bhatt, I.D.,	Industrial Crops and Products	2018	1	G.B. Pant National Institute of	0	

phylla: An important high value Himalayan medicinal herb	Pande, V. Nandi, S.K.				Himalayan Environment and Sustainable Development, Kosi Katarmal, Almora, Uttarakhand, India	
In silico, physicochemical characterization and Analysis of Sandalwood Proteins	Amir, A., Kapoor, N., Kumar, H., Tariq, M. Siddiqui, M, A.	International Journal of Agricultural Invention	2018	1	Department of Biotechnology and Microbiology, MIET, Meerut, UP	0
Analysis of Back Propagation Neural Network Method for Heart Disease Recognition	Dr Ruchi Rani Garg	International Journal of Organizational and Collective Intelligence	2019	1	MIET, MEERUT	0
Challenges and Issues in Data Analytics	Dr Ruchi Rani Garg	IEEE	2019	1	MIET, MEERUT	0
Dependence of the Fluctuations Behavior on Electrode in a CoAxial Glow Discharge	Dr Rahul Chauhan	International Journal of Contemporary Research in Engineering and Technology	2019	1	MIET, MEERUT	0
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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
Dual Band MPA with Improved Bandwidth using Ishaped	Omprakash Thakur	International Journal of Recent Technology and Engine	2019	20	0	MIET, Meerut

CSRR Loading		ering (IJRTE)				
Intelligent Greenhouse Environment Monitoring and Automatic Controlling System Using IOT	Prashant Kumar Gupta	International Journal of Recent Technology and Engineering (IJRTE)	2019	20	0	MIET, Meerut
Speech Recognition: A Complete Perspective	Ashok Kumar	International Journal of Recent Technology and Engineering (IJRTE)	2019	20	0	NIT Kurukshetra, MIET, Meerut
High gain miniaturized photonic band gap terahertz antenna for size limited applications	Subodh Kumar Tripathi	Australian Journal of Electrical and Electronics Engineering	2019	12	0	IKGPTU Jalandhar India, MIET Meerut
New Receiver for a Pass band System for CFSK receiver The STTSCFSK Receiver	Amit Kumar Ahuja	Journal of Scientific and Industrial Research	2018	46	0	MIET, Meerut
The Particle Swarm Modified Quasi BangBang Controller for Seismic Vibration Control	Gaurav Kumar	Ocean Engineering	2018	80	0	IIT Roorkee, MIET Meerut
An adaptive LQR controller based on	Gaurav Kumar	Mechanics Industry	2018	11	0	IIT Roorkee, MIET Meerut

PSO and maximum predominant frequency approach for semiactive control scheme using MR damper						
Investigation on Memory Enhancing Activity of Depoxetine hydrochloride synthetic drug on Experimental rats	Kumar, R., Ashwlayan, V. D.	Journal of Global Trends in Pharmaceutical Sciences	2019	6	0	Department of Pharmaceutical Technology, Meerut Institute of Engineering and Technology (MIET) NH58, Delhi Roorkee Highway, Meerut 250005, Uttar Pradesh, India

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	29	71	11	20
Presented papers	17	19	0	0
Resource persons	1	8	0	0

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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
Inaugural and importance of education	Meerut Institute of Engineering Technology	2	100
Sanitation and hygiene	Meerut Institute of Engineering Technology	2	100
Voters awareness	Meerut Institute of	3	50

Campaign (door to door)	Engineering Technology		
Activity on rural employment and skills	Meerut Institute of Engineering Technology	8	120
Activity on Beti bachaoo good touch bad abuse	Meerut Institute of Engineering Technology	6	80
Rally against durg abuse	Meerut Institute of Engineering Technology	2	50
Quiz on cleanliness and clealiness drive, Nagla Jamalpur	Meerut Institute of Engineering Technology	4	60
Swachhta rally in campus	Meerut Institute of Engineering Technology	10	45
Swachhta pleadge in campus	Meerut Institute of Engineering Technology	12	75
Displaying poster on stopping food wastage in campus	Meerut Institute of Engineering Technology	5	90
Meeting of NSS volunteers in Audi 4, MIET campus	Meerut Institute of Engineering Technology	8	150
Rally on cleanliness and its importance in village Nagla campus	Meerut Institute of Engineering Technology	8	65
Message of clean campus	Meerut Institute of Engineering Technology	2	100
Two days blood Donation Camp	Meerut Institute of Engineering Technology	2	275
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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	0
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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

Unnat Bharat Abhiyan	Meerut Institute of Engineering Technology	The Institute adopted five nearby villages under the programmes and working closely with the village authorities and villagers for their social upliftment through various welfare activities. a. Jamalpur Majra (Nagl	10	50
Swachh Bharat Abhiyan	Meerut Institute of Engineering Technology	Swachhta rally in campus	111	731
Wheat Bucket Challenge	Meerut Institute of Engineering Technology	MIET faculty staff 1400kg Donation	200	361
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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
Project	2	Reviving India	30
Internships	5	Excel Geomatics	30
PROJECT	4	T C TECHNOLOGY PVT. LTD	60
PROJECT	4	T C TECHNOLOGY PVT. LTD.	60
Research Project	5	Self	365
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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
on the job traninig	Devops intern	IBM ISL	06/06/2019	09/11/2019	1
Project based	PBL Intern	Wipro	17/06/2019	13/07/2019	147

learning					
MOU for Internship	Industry Internship	Grapecity	12/06/2019	12/08/2019	1
To let students work on ongoing company projects related to image processing	Internships	Excel Geomatics	01/06/2019	30/06/2019	5
Research Project	Formulation and Evaluation of Orodispersible Tablets For the Treatment of Migraine	ALKEM laboratories Mumbai	16/08/2018	15/04/2019	1
Live Project	Live Project	Pantaloons	10/06/2019	21/06/2019	5
Live Project	On the Job Training	Pantaloons	24/06/2019	29/06/2019	15
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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
Loka Logics Pvt. Ltd.	14/02/2019	Research activities in the fields of electronics and embedded design and development. Power Electronics, Mechanical CAD, Firmware and Software Application development.	1
ICARIIFSR, Meerut	22/07/2019	Exchange of students, teachers and scientists for research based activities	0
SolBridge International School of Business, Woosong University, Daejeon, SOUTH KOREA	06/08/2019	Exchange of Faculty and/or staff, Exchange of Graduate and /opr undergraduate students, Exchange of scientific	0

		materials, publications and informations, Exchange of cultural activities, Joint conferences and academic programs, Joint research activit	
IBM	07/12/2019	FDP SDP	24
CADD Centre	20/05/2019	Training	50
T C Technology Pvt. Ltd.	07/02/2019	To give opportunity to students for working with industrialists and work on Industry based projects. This gives them opportunity to work on projects in all areas of Engineering.	8
AV Analog	14/02/2019	Trainings, Paid Internships, Referrals to other companies in Analog, Digital, IOT fields	4
Sahasra Electronics Pvt. Ltd.	02/02/2019	Electronics Manufacturing	1
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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
25000000	24659393

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	Newly Added
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

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
Softlink Alice	Fully	6.00	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	16354	161439	155	6151	16509	167590
e-Journals	2	247180	1	781248	3	1028428
Digital Database	1	100000	1	19417	2	119417
CD & Video	3051	3051	61750	19417	64801	22468
Reference Books	5935	5935	465	465	6400	6400
e-Books	10877	100300	1613	19417	12490	119717
Journals	274	792953	276	495842	550	1288795
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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
A. K. Rajput	ELECTRIC MACHINES I	Swayam (NPTEL) offered by IIT Kharagpur	30/06/2019
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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	1758	49	49	1	3	126	12	255	29
Added	120	0	0	0	0	0	0	0	38
Total	1878	49	49	1	3	126	12	255	67

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

255 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
M306	https://miet.ac.in/eresource
MIET Video Center	https://miet.ac.in/eresource

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 incurred on maintenance of physical facilities
5000000	4349867	20000000	19288350

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)

For the holistic development of students and staff, various facilities like laboratories, libraries, computer labs, auditoriums, seminar halls, and sports complex, etc are available at MIET. Equal opportunity to utilize these facilities is available to all the staff members and students. Procedure for allocating various resources from different facilities is briefly described below: 1.Laboratory: Generally various laboratories for different disciplines are available within each department. The required apparatus is issued to the student for performing the experiment in which he/she returns to the laboratory after performing the experiment. Besides this, these laboratories also provide facilities for extracurricular activities to the students like making models and for participating in different technical events, etc. In such cases, the student has to approach through his / her Head of the Department (HOD) to the HOD of such a laboratory where he/she is seeking support for the facilities. The facility is granted if recommended by the HOD of the student. 2.Library: Each student after enrollment at MIET is issued a LIBRARY CARD which enables him/her to get the textbooks and reference books issued for their studies. Subject wise textbooks are issued for complete semester duration. Further, three more supplementary textbooks and one reference book can be issued to every student for a week. Students are required to approach the library for getting the textbooks and reference books issued to them. Proper record is maintained through ERP and LIBSYS for the issue and return of the books. Faculty members are eligible to get issued seven books per semester from the library. 3.Sports Complex and MIET Club: MIET has fullfledged sports facilities for indoor as well as outdoor games. Snooker, Table Tennis, Chess, Shooting and Carom are available as indoor games whereas Cricket, Football, Volleyball, Basket Ball are available as outdoor games. Students and staff get the sports kit issued from the sports incharge and the same has to be returned after its use. 4.Computer Facilities: All the departments have a sufficient number of computer labs and sufficient peripherals like printers/scanners etc. Each computer terminal is provided with an internet connection (205 Mbps Leased Line Tata Reliance, 20 Mbps BSNL Broadband). Students and staff can use these facilities as and when required. For this purpose, no presanctioning is required. 5.Seminar Halls: A number of seminar halls equipped with the computer, projector and public address system are available at MIET with a seating capacity of around 150200 persons each. Students requiring the seminar halls can approach through their HOD/faculty member to get the seminar hall reserved through the department coordinator where the seminar hall is located. 6.Auditorium: MIET has four well equipped and wellmaintained auditoriums.

Proper allocation of these auditoriums is done through a coordinator at the institute level. Students requiring these for special gatherings may approach through their HOD/faculty member and get the auditorium reserved through the coordinator. Faculty members requiring the auditorium for presentation etc. may get the auditorium reserved through the auditorium coordinator.

<https://miet.ac.in/system-procedure-of-maintenance>

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	Special Scholarship Scheme financial Weak Meritorious Students and other Meritorious Students	68	714000
Financial Support from Other Sources			
a) National	Postmatric Scholarship and Fee Reimbursement Scholarship Samajkalyan by U.P. State Government	1668	13012280
b) International	NA	0	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
Bridge Course	16/07/2018	799	MIET Meerut
Yoga Meditation	16/07/2018	799	MIET Meerut
Personal Counseling and Mentoring	16/07/2018	4415	MIET Meerut
Language Lab	16/07/2018	799	MIET Meerut
Remedial Coaching	16/08/2018	1150	MIET Meerut
Personality Development Class	16/08/2018	1146	Winning Mantra
AMCAT	16/08/2018	2650	Aspiring Minds
CoCubes	16/08/2018	430	CoCubes
Aptitude Reasoning Classes	28/12/2018	604	Zenith

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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	Number of	Number of	Number of	Number of
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	scheme	benefited students for competitive examination	benefited students by career counseling activities	students who have passed in the comp. exam	students placed
2019	CO-CUBES	430	430	415	56
2019	PDP	1146	1146	12	880
2019	GATE CLASSES	296	262	3	62
2019	Aptitude (Zenith)	604	604	0	604
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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
4	4	12

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
TTCS EDWISOR CLOUD ANALOGY TRIPVENZA 360 DEGREE CLOUD TECHNOLOGIES ADIXSOFT TECH AGILE SOFTECH WIPRO ASTREA IT SERVICES YUGASA SOFTWARE WEBKUL SOFTWARE ASERGIS TELECOM SERVICES etc	898	828	WIPRO TATA STEEL HSEC CAPGEMINI MPHASIS	161	52
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Tech	Computer Science Engineering	NIT Agartala	M.Tech

2019	1	B.Tech	Information Technology	DIMS Meerut	MBA
2019	1	B.Tech	Electronics and Communication Engineering	NIT Jaipur	M.Tech
2019	1	B.Tech	Biotechnology	LPU Punjab	M.Tech
2019	1	B. Pharm.	Pharmaceutical Technology	MDU, Rohtak	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	IIMT Meerut	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	Galgotia University, Noida	MBA
2019	1	B. Pharm.	Pharmaceutical Technology	DIPSAR, New Delhi	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	ISF MOGA, Punjab	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	MIET, Meerut	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	Banasthali University, Jaipur	M. Pharm.
2019	1	B. Pharm.	Pharmaceutical Technology	ICRI, Dehradun	MBA
2019	1	B. Pharm.	Pharmaceutical Technology	NIET, Noida	M. Pharm.
2019	3	B.Sc.	Microbiology	CCS University campus	M.Sc
2019	4	B.Sc.	Microbiology	Gurukul Kangdi Hardwar	M.Sc.
2019	1	B.Sc.	Microbiology	Himalyan University	M.Sc.
2019	2	B.Sc.	Microbiology	IAMR, Ghaziabad	M.Sc.
2019	7	B.Sc.	Microbiology	MIET, Meerut	M.Sc
2019	5	B.Sc.	Biotechnology	CCS University Campus	M.Sc.
2019	1	B.Sc.	Biotechnology	DIET, Meerut	BTC

			y		
2019	1	B.Sc.	Biotechnology	Gautam Buddha University, Noida	M.Sc.
2019	1	B.Sc.	Biotechnology	Marine Biotechnology, Goa	M.Sc.
2019	9	B.Sc.	Biotechnology	MIET Meerut	M.Sc.
2019	2	B.Sc.	Biotechnology	MIET Meerut	MBA
2019	1	B.Sc.	Biotechnology	Vinayak Vidhyapeeth, Meerut	MBA
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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	62
CAT	6
GRE	1
Any Other	4
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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
Robochamps	National	176
Glitz	Institute Level	200
Endura	State Level	416
Kolahaal	State Level	1913
Rangotsav	Institute Level	155
Shankhnad	Institute Level	448
Graphite Art Land	Institute Level	124
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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 award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Winner	National	0	3	attached	attached
2018	Gold	National	17	0	atched	attached
2018	silver	National	9	0	attached	attached
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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)

MIET believes in the philosophy of participative management and welcome large scale participation of students and faculty members. Many of the academic, administrative bodies are solely managed by students with mentoring role of faculty members. Students are given nearly a free hand to manage the affairs of such bodies. Management trust its student's bodies up to the extent that they are allowed to keep keys of the facility centres with themselves to have 24 hour access to it. Be it Dance Room, Art room, CPLD Lab, offices of Business Incubator, MIET Club and other, Mechanical Workshop, Stem Cell lab etc. Student bodies are encouraged to plan activities in the domain area of their club / societies / other academic body. They prepare budget for the events for which they invariably get permission from management without any hassle. Each department also has department label student bodies which help in administrative and academics issues. Student representatives are selected through interview and proper process / SOP. Other than department level student bodies, MIET has many other committees in which students not only work efficiently on acquisition of necessary skills to ace in such extracurricular activities but also have a real time experience of managing these events on their own. Some of the committees are as follows: Sanskriti: This is the cultural committee which undertakes organisation of all the cultural programmes, events, competitions and activities in general. Odyssey: Odyssey is the committee to organise literary events Ahimsa: Ahimsa is a committee which, through its varied activities and programs, help students inculcate in them a sense of responsibility towards society and courage to stand against social evils. Graphite art land: Graphite art land is an art society which promotes various types of fine digital art in society. Rangotsav: Rangotsav is one of the landmark events that this committee organizes every single year. Abhivyakti: This is the female wing of colleges literary committee. Mess Committee: Hostel mess is on cooperative basis and is managed by students. Various other events organised and managed by students are: Kolaahal (Cultural Fest) Endura (Sports Fest) Rangotsav (Art Craft Fest) Glitz (Literary Fest) MOBICOM, Robochamp, Codezila etc Departmental Clubs and Societies: In addition to the above, the institute encourages participation of students in different clubs and societies. In fact, many of these societies and clubs are being run mainly by the students themselves. Faculty have been assigned to coordinate these as and when required. Different Clubs and societies being run by the students are SEE, MBS, ACES, SHILANAYAS, SCIT, PSMIET etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institution has registered Alumni Association Under the Trust MIET ALUMNI FOUNDATION. The registration number is 220 registered on date 27th September 2006. The Trust has the following representatives: 1. One nomination from the management. 2. One nomination from the college among the Directors. 3. One nomination from the college among one of the Head of Departments. 4. One nomination from the college among the Male students. 5. One nomination from college among the Female students. The Trust has the following objectives: 1. To create ESPRIT DE CORPS among students who are studying and those who have passed out with the sole aim to create brotherhood among them. 2. The alumni will able to guide and share their experiences with the students and show them opportunities for the job in the outside market. 3. The requirements of Industry be exposed to students and Alumni. 4. The Trust shall look after alumni, assist and extend them possible help. The student activities may comprise of the following: 1. To organize the reunion of students. 2. Drive

collective fundraisers to meet the needs of various school organizations. 3. Increase college/alumni spirit. 4. Enable professionals from MIET across the world to meet and share their experiences. 5. Collectively work to raise the image of Miet / Mietians and encourage the propagation of the heritage of miet / mietians.

5.4.2 – No. of enrolled Alumni:

5890

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

During Session 201819, An alumni meet was organized on 10th November 2018 on the Institute campus. Alumni members from the batch 1998 to 2000, participated in the Alumni meet. 116 participants were present in the alumni meet. Alumni shared their experiences and participated in different events on that day with full enthusiasm.

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)

Institute and its governing body believe in the philosophy of leading by participation. Institute invites suggestions from all stakeholders before implementing different policies. Management encourages all departments to raise their requirements and suggestions so that those who are actually managing the things will have the proper representation in the decisionmaking process. Institute has formed levels of hierarchy with the delegation of authority at these levels to implement decentralized management. CASE 1: The IQAC has taken initiative regarding the AWS program for department computer science and engineering, Information Technology and MCA. The head of the department working on the proposal and submit the same to the director. The director presented the same in BOG and get approval. Now MIET is an AWS partner and has started the training of faculty members. CASE 2: At the student level, there are various cultural and technical committees like Ahimsa, Parivartan, Sanskarti, Odessay, robotics, etc. Each committee is assigned a faculty coordinator who helps students for getting financial and administrative help from the institute. The decision power is also distributed among the students. Description of strategies which followed in above two reference practices: Strategic Level Governing Board and IQAC are the apex bodies of the institute and entrusted with the responsibilities of formulating policies beneficial to the institute as a whole. These bodies have representation from all departments. HODs, Deans and senior faculty members are the part of these bodies and they provide vital inputs before management taken from the faculty members and students. HODs of respective departments conduct a departmental meeting at regular intervals and take feedbacks to the management which are critically important. During departmental meetings, faculty members provide input that they have gathered while interacting with students. Management also conducts periodic meetings with class counselors and takes their feedback and suggestions to formulate academic strategies and policies. Class counselors act as a bridge between students and management. Occasionally a brainstorming session on the issues of academic excellence is also conducted under the chairmanship of Director. This session generally comprises senior faculty members and lasts about 23days. Outcomes of these sessions are then presented before Management. Functional / Operational Level Department enjoys autonomy in their functioning. They are

free to organize events which are best suitable for the growth and development of the department. Yearly budgets are prepared by respective departments to meet the expenses to organize these activities. Departments have also been given financial autonomy (to the limit as decided by the governing body) to finalize and approve purchases of lab equipment and payment of expenses incurred to organize activities. Each class has a class representative who participates in the decision making for student related issues. Class representatives are in regular contact with class counselors and efforts are made to have proper two way communication between students and HODs Thus, students are also the part of the decision making process. Students, under the guidance of mentors, have nearly a free run in organizing all extra and curricular activities.

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
Teaching and Learning	1. Use of ICT tools in teaching learning process. 2. Use of MOOQ for enhancing learning capabilities of students. 3. Use of platforms like Google classrooms, flip classrooms for better interaction between faculty and students. 4. Availability of various related to different subjects books in department and central library. 5. Departments organizes different seminars, webinar and guest lectures in order to provide students a different perspective of the subjects.
Examination and Evaluation	Semester examinations are conducted by the affiliating university. College conducts internal assessment of students according to the university guidelines. Class tests/surprise tests, student seminars, interactive sessions, practical examinations, debates etc are conducted by departments to evaluate the students.
Research and Development	1. Encouraging joint research by faculty members, which has resulted in their national and international joint publications. 2. Encouraging faculty members to undertake major and minor research projects and disbursement of received research funds for purchase of items without delay. Faculty members are presently undertaking major and minor research projects funded by DST. 3. Departments are Organizing interdisciplinary international conference
Library, ICT and Physical	The college encourages the use of ICT

Infrastructure / Instrumentation	based techniques of study by various departments. The physical infrastructure has also received sincere attention from the college authority. Renovation and up gradation of laboratories, subscribing journals for the central library, lift facility, purchase of new computers, projectors, printers etc have been proposed current academic year.
Human Resource Management	<p>1. Students are encouraged to participate in seminars, special lectures, field tours, quiz, debate etc to increase their skill and experience.</p> <p>2. Faculty members are encouraged to participate in trainings, workshops and staff development programmes</p>
Industry Interaction / Collaboration	Institute have collaborated with various industries like IBM, SAP, ADOBE, AWS, and so on in order to provide up to date knowledge of industry skills and methodologies to the students of the institute. A number of students and faculty, members are benefitted by the various training and faculty development programmes provided under the collaboration of the institute with the industry.
Curriculum Development	Curriculum designing and development is decided by the affiliating university Dr.A.P.J Abdul kalam University, Uttar Pradesh. Director and Faculty members interact with the university and can provide their views related to curriculum development.
Admission of Students	<p>The admission process of 20182019 was partly online up to third counseling and students had to be physically present during the counseling. Subsequently, state government notified fully online admission system. The counseling process is completely online. Admission of students commenced in May after declaration of results of 102 examinations by different board.</p> <p>Fully online admission system from application to the counseling process has ensured a transparent process and students have been admitted on the basis of merit. Institute also admit students on the basis of merit .</p>

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

E-governance area	Details
Planning and Development	College has complete office automation using ERP developed by kalingaSoft .

	Office automation will include students' database, faculty and staff database, feedback system etc. Library automation has been initiated by the use of SoftLink Alice software.
Administration	Notices and circulars are uploaded in the college website and communicated to different departments through email from the office of the Director. College has complete office automation scheme for various Administrative work. Each and every IQAC notice is circulated by the coordinator himself through email
Finance and Accounts	Receipt of admission fees is completely online. Salary of faculty members and staff is transferred directly to the bank account. Salary bills are submitted to the treasury through IFMS software (SoftLink Alice software). Payment for the work orders is done through IFMS according to guidelines of the institute.
Student Admission and Support	Student data is maintained in the college ERP system, this includes all the details about the students. Record of student's attendance and performance is also maintained in ERP. Various reports like weekly attendance, marks of various sessional exam can be generated through ERP. Students can communicate their problem related to any issue to the grievance cell of the institute by registering complain .
Examination	Evaluation of external answer scripts is conducted online in the affiliating university from academic year 2018 2019. Faculty members of this college follow fully online system (DVS system) and perform their evaluation duties as examiner, head examiner, scrutinizer, and reviewer as and when appointed by the university.

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	Vijay Kumar and other members	TechBBQ	Danish Mangement Denmark	600000
2019	Dr.Priyanka	SAP NextGen	NA	25000

	Dalmia	Academy on Experience Management		
2019	Ms. Navneesh Tyagi	SAP NextGen Academy on Experience Management	NA	25000
2019	Dr. Ajay Kumar	CYBER SECURITY	IBM	50000
2019	Mr. Satyam	BLOCKCHAIN	IBM	50000
2018	Ms. Swati Sharma	SAP BUSINESS INTELLIGENCE	SAP UNIVERSITY ALLIANCES	12000
2018	Ms. Sheenam Goel	SAP BUSINESS INTELLIGENCE	SAP UNIVERSITY ALLIANCES	12000
2018	DR A.K. AHUJA	Membership	IEEE	3000
2018	Dr. S. K. Gupta, Dr. Vipin Kumar Garg, Dr. Anoop Kumar, Mr. Avnesh Kumar, Mr. Ankit Gupta	UP Healthcare Summit	NA	11000
2018	Dr. Vipin Kumar Garg, Dr. Ravindra Chauhan, Mr. Shailendra Tyagi, Dr. Ajay Sharma, Dr. Ajay Singh, Mr. Ankur Garg, Mr. Manish Arya	4th World Summit on Accreditation (WOSA 2018)	NA	100000

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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)
2019	Image Processing	NA	10/06/2019	14/06/2019	40	2
2019	MATLAB	NA	13/06/2019	14/06/2019	10	6
2019	SAP BUSINESS INTELLIGENCE	NA	29/05/2019	04/06/2019	5	0
2019	CYBER SECURITY	NA	25/02/2019	01/03/2019	9	0
2019	AWS CLOUD PRACTITION	NA	21/05/2019	23/05/2019	10	1

	ER					
2019	BLOCKCHAIN	NA	29/04/2019	03/05/2019	12	0
2019	Skill Development Program for Inter College Teachers	NA	16/05/2019	16/05/2019	15	3
2019	NXCAD	NA	14/01/2019	19/01/2019	10	2
2019	SOLID EDGE	NA	14/01/2019	19/01/2019	10	2
2019	Faculty Development Programme In Collaboration with Education Department , Meerut On " Strengthening Skills in Applied Biosciences	NA	12/01/2019	12/01/2019	16	0
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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
SAP BUSINESS INTELIGENCE	2	25/05/2019	04/06/2019	9
CYBER SECURITY	1	25/02/2019	01/03/2019	5
AWS CLOUD PRACTITIONER	9	21/05/2019	23/05/2019	3
BLOCKCHAIN	12	29/04/2019	03/05/2019	5
MsExcel	40	18/12/2018	20/12/2018	3
Salesforce Essentials For Business Specialists	10	26/11/2018	30/11/2018	5
Universal Human Values And Professional Ethics(ReFresher)	10	10/12/2018	17/12/2018	8
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching

Permanent	Full Time	Permanent	Full Time
445	445	225	187

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employee insurance, Gratuity, Research incentives,	ESI Scheme, PF, Employee insurance,	Special Scheme for financially weak meritorious Students, Appreciation for Bright Students from Chairman of the institute.

6.4 – Financial Management and Resource Mobilization

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

Meerut Institute of Engineering and Technology, Meerut (MIET, Meerut) conducts its internal as well as external financial audit for each financial year. As per the policy of the institute the internal audit is conducted by Chartered Accountant (CA) Mrs. Swati Gupta (membership no.: 419100) on the behalf of a reputed chartered firm Piyush Goel Co. from last five years. On the other hand, the external audit is conducted by VS Gupta Co. since its inception.

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
IEEE Students Chapter, Reviving India, TEQIP III AKTU Lucknow	269400	Faculty Development Program on Digital Image Processing from 10 June to 14 June 2019. and Other Activities
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6.4.3 – Total corpus fund generated

53708236.69

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	NAAC	Yes	Internal Audit Committee
Administrative	Yes	NAAC	Yes	Internal Audit Committee

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

Following Activities: 1) Meeting with parents of students to discuss the performance of students in class, exams. 2) Call to parents to inform parents about the performance and important information, activities. 3) Parents have the contact number of mentor and class counselor of their ward.

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

Two developments activities were conducted for non teaching staff. 1) Workshop on Microsoft Excel 2) Workshop on Microsoft Word 3) Course on development of IoT based robots 4) MATERIAL TESTING WORKSHOP 5) AUTOMOBILE WORKSHOP 6) SOLID EDGE WORKSHOP 7) Training on fire safety measures and safety and fire fighting.

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

Following the post accreditation initiative are done: 1. Teacher and Staff Recruited: Recruit and retain qualified faculty and staff at various levels. 2. Infrastructure developed: The infrastructure is being developed for students. The New lab for PLC SCADA and AIMA BIZ is developed. 3. Number of Research Proposal: After NAAC accreditation we have submitted 71 proposals to the different government agencies and currently we have the total grant of Rs. 1.2 crore. 4. NBA Accreditation: We have applied to the NBA for the 3 UG Program and waiting for the visit. Further, we are planning to submit the same for 4 more UG PG program. 5. New SET Centers: Setup new SET Centers to initiate and nurture projects with tangible output in terms of innovative technology and products in several departments.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	
d) NBA or any other quality audit	Yes

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
2018	NIRF Participation	12/10/2018	12/10/2018	26/10/2018	5000
2019	NBA Visit	11/11/2019	11/11/2019	12/11/2019	275
2018	III Meeting	17/11/2018	17/11/2018	17/11/2018	9
2019	IV Meeting	31/05/2019	31/05/2019	31/05/2019	11
2018	Guest Lecture	16/06/2018	16/06/2018	16/06/2018	134
2018	Guest Lecture	22/12/2018	22/12/2018	22/12/2018	192
2018	Workshop on Outcome Based Education	08/09/2018	08/09/2018	08/09/2018	222
2018	Workshop on AICTE Model Curriculum Exam Reform	04/02/2019	04/02/2018	04/02/2018	252
2018	Conduct of Academic audit (Internal)	05/07/2018	05/07/2018	07/07/2018	455
2019	Conduct of class room student	01/04/2019	01/04/2019	01/04/2019	5000

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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
International Woman Day	08/03/2019	08/03/2019	85	19
Gender Sensitization Program	03/10/2018	03/10/2018	213	631
Health Camp for Girl students and staff	07/02/2019	07/02/2019	132	0
International breast cancer day	04/02/2019	04/02/2019	211	0
Self Defense Program	06/04/2019	07/04/2019	51	0

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

1. Completed the project of a solar power plant of 450 KW and it fulfills the 47.44 of the total requirement of the institute. 2. Celebration of 'International Ozone day for the preservation of the Ozone layer' 3. The 'International Earth Day' was observed in April 2019 by conducting poster competition and organizing expert lectures. 4. Celebration of World Water Day. 5. 80 existing tube lights is replaced with LED bulbs.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Provision for lift	Yes	2

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	1	25/03/2019	7	NSS Special Camp	Importance of education, sa	55

						nititation hygine, voters aw areness, rural emp loyment, beti bacaho etc	
2018	1	1	30/03/2018	1	Swacchta Rally	Rally on Cleanines s in Nagla Jamalpur	104
2018	2	2	01/10/2018	2	NSS Unnat Bharat	Cleniness Food Wastage	53
2019	1	1	24/02/2019	1	NSS Acitivity	Cleanines s Drive in Nagla Jamalpur	63
2019	1	1	06/03/2019	2	Blood Donation Camp	Blood Donation	275
2018	1	1	01/12/2018	60	Unnat Bharat	Reconstru ction of Community Building in Nagla Jamalpur	183
2019	1	1	01/01/2019	1	Unnat Bharat	Teaching Village Childrens Weekly on Saturday Sundays	20
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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)
MIET_Code of Conduct	01/01/2018	Code of conduct handbook exists for students, teachers, governing body, administration including Director / Principal / Officials / Faculty/ Students and support staff. It is uploaded at our website: https://miet.ac.in/assets/MIET_Code20of20conduct.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Faculty Development Program	26/12/2018	02/01/2019	52
Faculty Development Program	10/12/2018	17/12/2018	20
Faculty Development Program	13/06/2019	20/06/2019	59
Independence day celebration	15/08/2018	15/08/2018	334
Republic day Celebration	26/01/2019	26/01/2019	231
Mahatama Ghandhi Jayanti	02/10/2018	02/10/2018	893
Janmashtami Celebration	03/09/2018	03/09/2018	736
Vishwakarma Jayanti	17/09/2018	17/09/2019	51
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar Energy Generation A 450 KW power plant is established at the roof of different academic blocks and generates 650000 kWh meet 47.44 requirement. 2. Solid Waste Management Solid waste is mainly generated from the boys' hostel mess, girls hostel mess, canteen, staff quarters, etc. Separate bins are kept for biodegradable and nonbiodegradable waste. Solid waste is also collected in the form of dry leaves and dust after sweeping. The major part of this waste is collected by the trucks of Meerut Municipal Corporation, Meerut in containerized bins. 3. Liquid Waste Management A sewage treatment plant (STP) (133 kl/hr) is operating within the MIET campus. The effluent generated from the STP is used for horticulture purposes and the solid waste generated is disposed of through sweepers of Meerut Municipal Corporation, Meerut, for further disposal at the designated location. 4. Rain Water Harvesting Rainwater at MIET is not allowed to go in drains. There are 10 numbers of rainwater harvesting pits in MIET campus sufficient to cater to rainwater harvesting requirements. 5. Energy Conservation Most of the existing tube lights have been replaced by energyefficient LEDs at various locations, viz., corridors, multimedia center, auditorium, classrooms and other newly constructed and renovated structures such as valueadded labs, Academic Blocks, etc. 6. Plantation The College has a serene green campus comprising of a variety of trees and plants. The Trees, flower plants are planted and the college organizes programs through NSS activities every year to inculcate this tradition among the students. Gardeners are appointed exclusively for this purpose. 7. Plasticfree Campus 8. E-Waste Management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The Institute aims to mold its students as leaders in all walks of life, to help them acquire the qualities of discipline, communicative ability, and competitive spirit and to equip them with global competencies so that they could face the changing scenario successfully. The Institute provides the latest knowhow to its faculty to apprise them with the latest information and technology for benefit of both students and faculty. The two institutional best practices include: 1: Guidance with emphasis based learning: Orientation and Induction Programme Institute conducted an orientation program for all newly admitted students to familiarize them with program structure, examination

scheme, various courses in the program and career and/or higher study opportunities in July, 2017. Remedial Classes are conducted and Counseling by Mentor is arranged for the students who lag in their studies. English language Proficiency is imparted to students. Various programs like Group activities, Conferences/Seminars, Poster preparations, Participative learning for boosting creativity, leadership, team spirit, and intelligence and enhancing overall personality of students are organized. At a higher level, the Institute promotes participation of students, under supervised mentorship, at various ideathons to ensure the development of potential startup ideas and its incubation into fruitful entrepreneurship. Institute conduct induction program for new faculty appointed in its organization for introducing them to the working atmosphere and rules and regulations, vision, mission and goals of the institute. 2: Keeping abreast of current knowledge: Skills enhancement program are conducted for both students and faculty to introduce joboriented and skillbased courses. Institute Library is enriched through the establishment of tieups and subscriptions. The students and faculty visit industries and sites by Funembedded Informative tours. MoU with established organizations to provide enhanced access to sophisticated facilities to students is done. The students are entrusted to organize cultural as well as technical event under the mentorship of faculty to inculcate management, leadership qualities, and team spirit. NPTEL Chapter has been established. Institute is the Nodal Centre for Human Values workshop. SAP training was imparted to faculty by the industry and later other faculty was also trained under these faculty and students are also trained in SAP modules. The new faculties are provided with Mentor from the senior faculty of the Institute. Faculties are encouraged to attend FDP/STC/Conferences/Seminars to gain a widened perspective. ICT based workshops are conducted by NITTTTR, Chandigarh. Institute has undertaken initiatives for skill development of students like thestateofart technology laboratories have been developed with the support of Industry (Siemens PL Software (India) Pvt. Ltd., BOSCHMIET joint certification Centre.)

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

www.miet.ac.in/bestpractices.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

Over the years, MIET has been trying to achieve 100 percent placements for its students. Efforts are on not only to invite companies for the placements but also to make students skilled enough so that they are rated high by the recruiters. Thus, MIET, in the recent past has been doing its level best to make alliances with the industry to establish a state of the art training research facilities. Inherent philosophy of MIET is now to establish itself as a 'Skill Institution'. All of its policies and strategies are oriented towards achieving this objective which is also an inherent part of its vision statement. Thus enhancing the skills of the students is the main priority and thrust area of our Institute. This is the result of such orientation that MIET is now the proud owner of some of the excellent state of the art lab facilities which anyone can envy. We have associated with FESTO, BOSCH, IATC (SIEMENS), Texas Instrument, EYantra, SAPCON (SIEMENS PLM), IBM, WIPRO, SAP, RED HAT, etc. Many other proposals are also under consideration. These facilities are fully operational and are planned to use at full capacity for imparting domainspecific skills to students and faculty. For each of the laboratory, faculty members are trained from the respective companies. All the cost for the training of the faculty members have been borne by the Institute. The practical from these laboratories are included in the curriculum as addon programs (Skill

Enhancement Trainings SET) and are taught throughout the session, in different semesters by the Institute trainers. Further, advanced level certified SETs are conducted during winter and summer breaks by instructors from Industries as well as our Institute. The facilities that are established in these laboratories are at par with Industrial standards, sufficient enough to train even Industry personnel as well. It is worth noting that, such facilities have also increased students' participation in various competitions and project development. Big Data and Business Analytic lab by IBM is like a jewel in the crown. This lab is rated as one of the best in India by IBM. IBM has shown much appreciation for this lab and trained faculty members of MIET. IBM is also in the process of considering faculty members of MIET, trained through this facility, to include in their list of trainers. Biotechnology is another thrust area at MIET. Biotechnology laboratories have been developed with a vision to facilitate cutting edge research work in different domains. Translational Biotechnology and Nanotoxicity research labs are worth mentioning where extramural and intramural research projects are going on at present.

Provide the weblink of the institution

<https://www.miet.ac.in>

8.Future Plans of Actions for Next Academic Year

1. To get a member of QCI and establishment of NABL accredited lab.
2. To get ISO certification for the institution.
3. To get energy audit of the institute.
4. To train faculty members in recent technologies.
5. To commercialize 2-3 research innovations
6. To increase the number of faculty members involved in sponsored research
7. To increase the number of industry driven projects.
8. To increase the number of Ph.D. faculty members.
9. To establish new research centers of the universities.
10. To increase the number of Industrial - Institutional collaborative activities.
11. To enhance the activities under the banner of Value Education Cell of MIET (Also exists as Nodal Center of the University)
12. To get appreciation from the state government for our work in NSS.
13. Get enhances the activities in the adopted villages under UBA.
14. To increase the number of oncampus placement of the students.