Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr. Mayank Garg**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**01212439019**
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	**Dr. Arun V. Parwate**
Phone no/Alternate Phone no.	**01212439057**
Mobile no.	**7402414100**
Registered Email	**team.iqac@miet.ac.in**
Alternate Email	**arun.parwate@miet.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.miet.ac.in/assets/aqar-2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://miet.ac.in/academic-calendar

5. Accrediation Details

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	31-Dec-2019 31	4648
IPR Awareness Program	31-Dec-2019 1	250
IPR Awareness Program in Association with ASSOCHAM	22-Aug-2019 1	195
NBA Visit	31-Jan-2020 3	706
Industry Oriented Training (IOP	15-Jul-2019 46	2405
AICTE-CII Survey	20-Oct-2019 50	4648
MoUs	01-Jul-2019 210	2300
Participation in e-Bootathon	10-Aug-2019 36	29
Orientation Program for Newly Joined Faculty	20-Sep-2019 1	85
NBA Visit	08-Nov-2019 2	264
[View File](#)		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mechanical Engineering/ Dr. Siddharth Jain	CRIP	AKTU	2019 365	300000
Mechanical Engineering/ Mr. Naman Jain	CRIP	AKTU	2019 365	300000
Pharmacy/ Dr. Shobhit Kumar	VRPS	AKTU	2019 365	245000
Biotechnology/ Dr. Eliza Chakraborty	R & D	ICMR	2018 730	1200000
Biotechnology/ Dr. Pankaj Tyagi	ADHOC GRANT	UPCST	2017 1095	1094000
Pharmacy/ Dr. Anurag	RESEARCH GRANT	DST	2017 1095	2343000
Mechanical Engineering/ Dr. Bhupendra Chauhan	TRAVEL GRANT	SERB	2019 7	100000

Mechanical Engineering/ Mr. Nomendra Tomar	IPR WORKSHOP	UPCST	2019 1	80000
Mechanical Engineering/ Mr. Naman Jain	STTP	AKTU	2020 365	200000
Meerut Institute of Engineering & Technology	FIST PROGRAM	DST	2018 1825	5000000
[View File](#)				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

NBA expert visit of the Pharmaceutical Technology, Electronics and Communication and Information Technology department.

Mentoring and Supervision for preparation of NBA Pre-Qualifier and SAR of three U.G Engineering Program namely Computer Science and Engineering, Electrical Engineering and Mechanical Engineering.

Academic Audit of all the departments.

Feedback on Teaching and Learning once in a semester.

Institute level workshops on outcome based education.

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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
Linkages with institutions/industries for internship, onthejob training, project work, sharing of research facilities etc.	65 Activities conducted under the Linkage involving 1458 Participants
NBA Accreditation of three UG Programs	SAR Finalized for Submission
Completion of Solar Power Project	Received the Awards from UP State Energy Conservation
Signing of MoUs with Different Industries	22 MoUs were Signed
Orientation Sessions for students and faculty members	Successfully Organized
Extension Activities	12 Extension Activities were conducted involving Students and faculty members
Faculty participation in Seminars/ Conferences and Symposia during the year	Various faculty members participated in different Seminar/ Conferences/ Symposia organized by various agencies
Faculty participation as Resource persons in different events	Faculty members participated in various activities as resource person in different outside activities.
Faculty Research Publication	More than 100 research papers were published by faculty members in reputed Journals/ Book Chapters
Funding from different Organization	A total funding of Rs. 5482000 was sanctioned by different agencies
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Governance	19-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	31-Jan-2020

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 descripiton 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 Subject Allotment, Time Table, Lesson Plan, Attendance, Sessional Assessment, Student Feedback System, Student Grievance, Library, Student projects Assessment and evaluation, Leave Management System, Hostel Allotment, Admission, Student Registration, Student portal, 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

The 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-planned 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 preview discussed with the students 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 during the semester. Separate schedule for 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/entreprene urship	Skill Development
PCB Designing using EDA Software	-	16/07/2019	6	YES	YES
IOT	-	16/07/2019	6	YES	YES
Professional Course in C Programming	-	18/07/2019	6	YES	YES
Salesforce Admin	-	26/12/2019	6	YES	YES
Salesforce App Builder	-	01/07/2019	8	YES	YES
AutoCAD	-	22/08/2019	8	YES	YES
ETAB	-	22/08/2019	8	YES	YES
MX Road	-	15/01/2020	10	YES	YES
Primavera	-	22/08/2019	8	YES	YES
Basic Industrial Automation with PLC (S7-1200)	-	14/01/2020	7	YES	YES
Smart Grid	-	13/01/2020	5	YES	YES
IOT Basic Advanced	-	16/01/2020	8	YES	YES
Object Oriented Programming Using Java	-	19/07/2019	8	YES	YES
Python	-	17/07/2019	8	YES	YES
AWS (CP)	-	19/07/2019	6	YES	YES
Object Oriented	-	17/07/2019	8	YES	YES

Programming Using C					
HTML / DHTML	-	17/07/2019	7	YES	YES
Modern Analytical Techniques	-	22/07/2019	12	YES	YES
TCS-iON- Knockdown the Lockdown	-	22/07/2019	6	YES	YES
Fundamental of Neuroscience	-	22/07/2019	8	YES	YES
Industrial Pharmacy	-	22/07/2019	8	YES	YES
Spectrosco pical methods	-	22/07/2019	8	YES	YES
online SAP certificatio n course	-	22/07/2019	15	YES	YES
Introduction to Drug Safety and P harmacovigil ance	-	22/07/2019	12	YES	YES
Analytical Skills	-	22/07/2019	8	YES	YES
Solidedge	-	16/08/2019	7	YES	YES
Basic Electro- Pneumatic	-	14/08/2019	6	YES	YES
Advance Electro- Pneumatic	-	15/01/2020	6	YES	YES
Advance Pneumatic	-	16/01/2020	6	YES	YES
Basic Pneumatic	-	08/07/2019	6	YES	YES
Electro- Pneumatic With PLC	-	01/08/2019	6	YES	YES
UI PATH	-	15/07/2019	7	YES	YES
WEB PROGRAMMING	-	14/07/2019	6	YES	YES
Professional Course in	-	21/01/2020	8	YES	YES

Java Programming					
Blueprism	-	18/02/2020	7	YES	YES
Basic Industrial Automation with Switch Gear Drive	-	13/01/2020	7	YES	YES
Basic Industrial Automation with HMI SCADA	-	15/07/2019	7	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Software Development (SD)	01/07/2019
BVoc	Production Technology (PT)	01/07/2019
BVoc	Banking Finance Services and Insurance(FS)	01/07/2019
BVoc	Automobile Servicing (AS)	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Computer Science Engineering	01/07/2019
BTech	Information Technology	01/07/2019
BTech	Electronics & Communication Engineering	01/07/2019
BTech	Electrical Engineering	01/07/2019
BTech	Mechanical Engineering	01/07/2019
BTech	Biotechnology	01/07/2019
BTech	Civil Engineering	01/07/2019
BTech	Chemical Engineering	01/07/2019
MBA	Master of Business Administration	01/07/2019
MCA	Master of Computer Application	01/07/2019
BTech	Computer Science & Engineering & Information Technology	01/07/2019

BPharm	Bachelor of Pharmacy	01/07/2019
Mtech	Computer Science & Engineering	01/07/2019
Mtech	Electronics & Communication Engineering	01/07/2019
Mtech	Biotechnology	01/07/2019
Mtech	Thermal Engineering	01/07/2019

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

	Certificate	Diploma Course
Number of Students	3659	Nil

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	13/08/2019	1090
Aptitude Training	07/06/2019	636
Human Values Professional Ethics	15/07/2019	1505
Excel Training	14/01/2019	184
	View File	

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	Electronics & Communication Engineering	350
BTech	Computer Science & Engineering, Computer Science Engineering	1125
BTech	Information Technology	159
BTech	Chemical Engineering	61
BTech	Biotechnology	156
BTech	Mechanical Engineering	393
BTech	Civil Engineering	293
BPharm	B.Pharmacy	60
BTech	Electrical Engineering	109
MBA	Master of Business Administration	102
	View File	

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
Feedback is a key tool which triggers continuous improvement in the quality of education. The feedback is taken from students in order to analyse and implement as per their needs. 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 their 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. Alumni feedback: It tends to gather insights into institutional quality improvement and to provide statistical data for identification of gaps in academics and industries. Feedback is taken from all the alumni whether they are working in industry or going for higher studies or from those who have started their own business. 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 sessions. Parent feedback: It tends to gather feedback regarding facilities and overall development of the students. Also it gives an insight towards the 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 a face to face verbal interactive session. Employer Survey: It plays a major role in our PO assessment attainments, helps us to identify our deficiency and also helps 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 from the outgoing final year students who give overall feedback regarding curriculum, facilities, guidance etc. that are provided by the institute. This feedback helps the Institute to help improve the Institution on many parameters. All the collected feedback is analysed and used for improving teaching learning 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	BIOTECHNOLOGY	120	41	38
BTech	CHEMICAL ENGINEERING	50	18	18
BTech	MECHANICAL ENGINEERING	180	74	74
BTech	ELECTRONICS &	180	112	108

BTech	COMMUNICATION ENGINEERING			
BTech	ELECTRICAL ENGINEERING	60	43	41
BTech	INFORMATION TECHNOLOGY	60	79	61
BTech	COMPUTER SCIENCE & INFORMATION TECHNOLOGY	60	78	61
BTech	COMPUTER SCIENCE & ENGINEERING-II SHIFT	60	90	63
BTech	COMPUTER SCIENCE & ENGINEERING-I SHIFT	300	680	344
BTech	CIVIL ENGINEERING	120	43	42
[View File](#)				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	3721	502	265	40	34

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
339	339	25	71	15	17
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

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

We follow mentor-mentee concept for overall grooming and support of students. The mentoring system is discussed pointwise as below: 1) Mentor maintains his/her mentee's profile (Academic, co-curricular, extracurricular, achievements, strengths and weaknesses) for all the four years of graduation. 2) Mentor motivates mentee to develop skills, competencies, or goals. A mentor helps mentee for his/her personal growth and professional development. 3) Mentor guides in a variety of areas, such as relating to peers, work life balance, and ethics. 4) Mentor interacts with a mentee to provide support, advice, and feedback. 5) Mentor is also involved with the mentee for his/her holistic development. 6) Mentor tracks the performance of students and counsels them to remain on right direction and stay motivated. 7) Mentors are expected to provide support and

guidance to their students on academic and non-academic issues. 8) Mentor regularly emphasizes the importance of PDP and placement classes amongst students and motivates them to attend the same. 9) Mentor discusses student's problems with Class Counsellor/Year Co-ordinators/Academic Coordinator/ HOD for appropriate action as and when required. Hence, We can say that mentors always remain in touch with students and guide them on various aspects such as career counselling professional / personal issues and other support required from department / Institute.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4223	339	1:12

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
329	339	Nill	167	114

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof. Y. M. Agarwal	Professor	Acharya Shiromani Award
2019	Dr. Naman Jain	Assistant Professor	Young Scientist Awards
2020	DR.ASAD AMIR	Assistant Professor	BEST TEACHER AWARD (4th international conference)Global Approaches in National Resource Management for Climate Smart Agriculture(GNRSA 2020), BY Agriculture Technology Development Society(ATDS)
2020	Dr. Ratneshwar Kumar Ratnesh	Assistant Professor	American Chemical Society Membership (ID: 32383089)
2020	Dr. Devendra Kumar Arora	Professor	Acharya Chanakya Shiksha vidSamman
2020	Dr Chandrabhan Seniya	Assistant Professor	ACS OMEGA REVIEWER 2020
2019	Prof. Sunil Kumar Goel	Professor	Uthama Acharya Puraskar Awarded by Takshasila IAS Academy
2019	Prof. Sunil Kumar	Professor	Maan-Patr Awarded

	Goel		by Dr. A.P.J. Abdul Kalam University, Lucknow
2019	Dr. Vinay Singhal	Associate Professor	AWS Cloud Practitioner, Mastery Award
2019	Mr. Mragank Singhal	Assistant Professor	AWS Solution Architect Associate, Mastery Award
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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	1,2,3	08/06/2020	23/09/2020
BTech	04	4	09/09/2020	23/09/2020
BPharm	05	1,2,3	08/06/2020	25/09/2020
BPharm	05	4	10/09/2020	25/09/2020
BVoc	16	1	08/06/2020	23/09/2020
MCA	09	1,2	08/06/2020	28/09/2020
MCA	09	3	10/09/2020	28/09/2020
MBA	08	1	08/06/2020	01/10/2020
MBA	08	2	15/09/2020	01/10/2020
Mtech	02	1	18/06/2020	10/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• In internal assessment, the performance of the student is tracked/monitored regularly with the help of three sessional examinations, assignments, seminars, practicals etc. • We conduct three Sessional examinations in a semester at regular interval of time. • Tentative dates of the Sessional examination are generally given to the students at the start of the semester in the form of academic calendar. Generally, prior to each sessional examination about 30 - 35 of the total syllabus is covered. • Gearing up for the third sessional examination after having already prepared for 1st and 2nd sessional examination enable the students to revise around 65 of syllabus for the second time. • The third sessional examination is based on the pattern of the university examination to preparation well for the end semester university examinations. • 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 with the office of the Centre Superintendent. • The results of such periodic internal assessment are also reported to the parents. • Grievance redressal forums look into student complaints on internal assessment. Students are free to raise their complaints regarding internal assessment. Every Department has a grievance • In internal assessment, the performance of the student is tracked/monitored regularly with

the help of three sessional examinations, assignments, seminars, practicals etc. • We conduct three Sessional examinations in a semester at regular interval of time. • Tentative dates of the Sessional examination are generally given to the students at the start of the semester in the form of academic calendar. Generally, prior to each sessional examination about 30 - 35 of the total syllabus is covered. • Gearing up for the third sessional examination after having already prepared for 1st and 2nd sessional examination enable the students to revise around 65 of syllabus for the second time. • The third sessional examination is based on the pattern of the university examination to preparation well for the end semester university examinations. • 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 with the office of the Centre Superintendent. • The results of such periodic internal assessment are also reported to the parents. • Grievance redressal forums look into student complaints on internal assessment. Students are free to raise their complaints regarding internal assessment. Every Department has a grievance redressal forum to address the complaints of students in respect of continuous internal evaluation. Apart from the sessional examinations, some other assessment methods such as weekly online test, quizzes, case studies and industrial training/visit are also used.

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

• The central committee of senior faculty members prepares academic calendar for each semester in line with the University academic calendar to ensure 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. • 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 Pre-University examinations) are mentioned in the academic calendar. • Academic Calendars are issued to the students and departments at appropriate time, before start of each semester. • All the three Sessional exams are mandatory for students. If student take these exams sincerely then they are able to complete 60to 70 syllabus after two Sessional while PUT 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 co-curricular 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/electronics-communication-engg

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	Engineering	917	916	99.9
05	BPharm	BPharm	60	60	100.0
08	MBA	MBA	96	96	100.0
09	MCA	MCA	48	48	100.0
02	Mtech	CSE, BT, Thermal, ECE	9	9	100.0
03	MPharm	Pharmaceutics, Pharmacology	4	4	100.0
979	BSc	Biotechnology, Microbiology	43	40	93.0
979	MSc	Biotechnology, Microbiology	39	38	97.4

[View File](#)

2.7 – Student Satisfaction Survey

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

https://www.miet.ac.in/miet/assets/files/Student%20Satisfaction%20Survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	365	UPCST	0.2	0.2
Projects sponsored by the University	365	AKTU VRPS (Research grant)	2.45	2.45
Projects sponsored by the University	365	AKTU (Collaborative Research and Innovation Program (CRIP) funding through TEQIP-III of AKTU)	3	3
Projects sponsored by the University	365	AKTU (Collaborative Research and Innovation Program (CRIP)	3	3

		funding through TEQIP-III of AKTU)		
Major Projects	1095	DST	23.43	7
Major Projects	1095	UP CST	10.94	3.5
Major Projects	730	ICMR(RD)	12	5
Major Projects	1825	DST-FIST	50	24
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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
IPR Awareness programme in collaboration with ASSOCHAM and IP office	Department of Biotechnology, MIET	22/08/2019
Innovation, its significance and Innovation as a tool for opening Career Opportunities	MIET Incubation Forum	15/10/2019
IPR Awareness Program	MIET	31/12/2019
Innovation Cell : Invited Talk on Innovation	MIET Incubation Forum	21/01/2020
Invitation Session on Unleashing Entrepreneurship in India: Opportunities and Challenges with special focus on Innovation	MIET Incubation Forum	06/03/2020
Bio-Incubation Awareness and Opportunities in MIET Incubation Forum	MIET Incubation Forum	15/05/2020
Innovation for Instrumentation Automation, Skilling and Employability under Post COVID-19	MIET Incubation Forum	19/05/2020
Expert talk through webinar Entrepreneurship as an Alternate Career	MIET Incubation Forum	21/05/2020
Expert talk through webinar on Startup Ecosystem	MIET Incubation Forum	30/05/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category

Development of Control System Virtual Lab	Praveen Chakravarti	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Deepanshu Singhal	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Anurag Shau	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Ritanshi Aggarwal	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Muskan	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Nikhil Kr. Mishra	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Saurabh Arya	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Meenakshi Pradhan	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Control System Virtual Lab	Jatin Vishnoi	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
Development of Physical Pharmaceutics Virtual Lab	Rupali Sharma	REC Banda in association with IIT Kanpur and AKTU, Lucknow	10/08/2020	eBOOTATHON 01
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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 Pathak	MIET Meerut	Excellence in Group	Online Gaming Platform	07/08/2019
MIET Business Incubator	Dr. Shashwat Pathak	MIET Meerut	Mushy Lab	Mushroom Cultivation, having medicinal Values	01/02/2020
MIET Business Incubator	Dr. Shashwat Pathak	MIET Meerut	Vanijya Technology	Data Analytics Solution to small and medium scale business	01/02/2020
MIET Business Incubator	Dr. Shashwat Pathak	MIET Meerut	Roots App	A.I based educational networking platform	13/04/2020
[View File](#)					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	14	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
MBA	1
Applied Sciences	1
Department of Pharmaceutical Technology	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)
National	Biotechnology	5	0
International	Biotechnology	8	2.84
International	Chemical	4	0.2
International	Computer Science	44	5.03
International	ECE	16	3.69
International	IT	10	0.70
International	Mechanical Engineering	19	3.98
National	Pharmaceutical Technology	1	0
International	Pharmaceutical	10	2.03

Technology	

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
Pharmaceutical Technology	1
ECE	4
Computer Science Engineering	2
Information Technology	1
Mechanical Engineering	9
Chemical	2

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 New Receiver for a Digital Passband System with CPSK Modulation: The STTS-CPSK receiver	Amit Kumar Ahuja	Journal of Scientific and Industrial Research	2019	0.729	Meerut Institute of Enginee ring and Technology	Nill
A Review on Role of Various Medicinal Plants in Cosmetics and Cure Health	Nidhi Sharma, Priyanka Singh, S.K Gupta	Current Research in Pharmac eutical Sciences	2019	0.53	Meerut Institute of Enginee ring and Technology	Nill
A Compar ative Study of Chitosan Gel and Soframycin in the Management of Wounds.	Sharma Nitin, Sharma A, Bhatnagar A, Nishad D, Karwasra R, Khanna K, Sharma D, Kumar N, Jain GK	The Inte rnational Journal of Lower Extremity Wounds	2019	0.98	Meerut Institute of Enginee ring and Technology	2
Novel gum acacia	Sharma Nitin,	Journal of Drug	2019	2.73	Meerut Institute	7

based macroparticles for colon delivery of Mesalazine: Development and gammascintigraphy study	Sharma A, Bhatnagar A, Nishad D, Karwasra R, Khanna K, Sharma D, Kumar N, Jain GK	Delivery Science and Technology			of Engineering and Technology	
Potential applications of Abelmoschus moschatuspolysaccharide as colon release tablets-Rheology and gamma scintigraphic study	Nitin Sharma, Pradhi Srivastava, Anjana SharmaKushagra Khanna, Aseem Bhatnagar, Deepti Kakkar	Journal of Drug Delivery Science and Technology	2019	2.54	Meerut Institute of Engineering and Technology	12
Studies on Extraction and Purification of Total Phenolic Content from Seeds of Carica papaya	Priyanka Bhat, Ankit Rawat, Anurag Agarwal, Surya Prakash DV	International Journal of industrial Biotechnology and biomaterials	2020	4.857	Meerut Institute of Engineering and Technology	Nill
Extraction and removal of nickel from battery waste using nano sized activated carbon of egg shell powder in a column	Sruthi, Meena, Surya Prakash	ELSIEVER :Materials Today	2020	0.87	Meerut Institute of Engineering and Technology	Nill
Smart Electric Pole	Anchal Choudhary	International Journal of Research in Engineering,	2020	4.308	Meerut Institute of Engineering and Technology	Nill

Title of the Paper	Name of Author	Title of journal	Year of publication	Impact factor	Institutional affiliation	
Transform Android App into a Savior from Crime Against Women	Anjali Sharma	International Journal of Computer Trends and Technology (IJCTT)	2020	2.01	Meerut Institute of Engineering and Technology	Nill
Content Based Audio Retrieval using Spectral Analysis	Anjali Sharma	International Journal of Multidisciplinary Education Research	2020	6.514	Meerut Institute of Engineering and Technology	Nill
[View File](#)						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A Comparative Study of Chitosan Gel and Soframycin in the Management of Wounds.	Sharma Nitin, Sharma A, Bhatnagar A, Nishad D, Karwasra R, Khanna K, Sharma D, Kumar N, Jain GK	The International Journal of Lower Extremity Wounds	2019	39	2	Meerut Institute of Engineering and Technology
Mixed-mode thermo elastic de lamination fracture behavior of composite skin stiffener containing interface Delamination.	Dr. Saumya Shah	Journal of Materials Research and Technology	2019	44	Nill	Meerut Institute of Engineering and Technology
Effect of Impeller Diameter	Dr. Ansar Ali SK	International Journal Numerical	2019	52	Nill	Meerut Institute of Engineering and

Title	Author	Journal	Year	Page		Institution
on Nusselt Number in Mechanically Agitated Vessel"		Methods for Heat and Fluid Flow				Technology
"Reconfigurable manufacturing system - a new class of manufacturing system"	Dr. Durga Prasad	Management and Production Engineering Review	2019	15	Nill	Meerut Institute of Engineering and Technology
"Study on material transfer and surface properties during fiber laser cutting of A653 Galvanized steel sheet"	Mr. Vipin Kumar Sharma	Brazilian Society of Mechanical Sciences and Engineering,	2019	40	Nill	Meerut Institute of Engineering and Technology
"Investigation of rare earth particulate on tribological and mechanical properties of Al-6061 alloy composites for aerospace application"	Mr. Vipin Kumar Sharma	Journal of Material Research Technology	2019	44	Nill	Meerut Institute of Engineering and Technology
A New Receiver for a Digital Passband System with CPSK Modulation: The STTS-CPSK receiver	Amit Kumar Ahuja	Journal of Scientific and Industrial Research	2019	54	Nill	Meerut Institute of Engineering and Technology

Graphene based tunable and wideband terahertz antenna for wireless network communication	Dr. Subodh Kumar Tripathi	Wireless Networks The Journal of Mobile Communication, Computaion and Information	2019	89	12	Meerut Institute of Engineering and Technology
Fenton oxidation process for the treatment of artificial binary dye mixture in aqueous solution	Dr. Sunil Rajoriya	Research Journal of Chemistry and Environment	2019	18	Nill	Meerut Institute of Engineering and Technology
Development of response surface methodology for optimization of parameters and quantitative analysis of chebulinic acid from composition of medicinal herbs by HPLC	T Mohammad Munawar, Surya Prakash D. V. and Meena Vangalapati.	Saudi Journal of Biological Sciences	2019	53	Nill	Meerut Institute of Engineering and Technology

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	106	Nill	Nill
Presented papers	20	5	Nill	Nill
Resource persons	Nill	21	Nill	Nill

View File

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
Regular Teaching in Jamalpur Majra on each weekend and holidays	Meerut Institute of Engineering and Technology	2	10
NSS general activities	Meerut Institute of Engineering and Technology	4	100
Participation in village school function	Meerut Institute of Engineering and Technology	4	50
Republic day celebration with village kids	Meerut Institute of Engineering and Technology	4	100
Mobile Medical Van	Meerut Institute of Engineering and Technology	3	24
Awareness drive about COVID-19 pandemic	Meerut Institute of Engineering and Technology	2	15
Meeting with gram pradhan	Meerut Institute of Engineering and Technology	2	10
Regular teaching of village kids	Meerut Institute of Engineering and Technology	2	50
Say no to plastic, Fit India run and cleanliness drive	Meerut Institute of Engineering and Technology	5	150
Sakhasrta Abhiyan	Meerut Institute of Engineering and Technology	4	75
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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
Energy conservation	Urja Sanrakhshan Abhiyan 2019	Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA)	4309
View File			

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
Women empowerment	Pinkishe, Aprajita, NSS, UBA, Meerut Institute of Engineering and Technology	Mission Shakti- UP Government	3	120
Donation Camp	MBA, Meerut Institute of Engineering and Technology	Wheat Donation	4	192
Donation Camp	MBA, Meerut Institute of Engineering and Technology	Food Donation	4	85
Donation Camp	MBA, Meerut Institute of Engineering and Technology	Cloth Donation	4	107
Awareness Program	Pharmaceutical Society, Meerut Institute of Engineering and Technology, Meerut	E-Poster Competition on COVID Awareness	3	63
UBA	Meerut Institute of Engineering and Technology	Mobile Medical Van	3	24
UBA	Meerut Institute of Engineering and Technology	Awareness drive about COVID-19 pandemic	2	15
UBA	Meerut Institute of Engineering and Technology	Say no to plastic, Fit India run and cleanliness drive	5	150
UBA	Meerut Institute of Engineering and Technology	Sakhasrta Abhiyan	4	75
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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
Professional Development Program	2	RPA foundation	8

for faculty					
Professional Development Program for faculty	4		ADX-201 (Salesforce)		7
Professional Development Program for faculty	2		Amazon Web Services		3
Innovations for Translation Advancement of Research Explorations (SITARE) Workshop Conducted by BIRAC Govt. of India	5		BIRAC, Govt. of India		20

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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
Training	Blue Prism RPA Developer Foundation	Blue Prism	18/02/2020	22/02/2020	20
Training	UiPath RPA Developer Foundation	UiPath RPA	18/02/2020	22/02/2020	13
Training	RPA Developer Foundation	UiPath RPA	02/06/2020	22/06/2020	25
Training	Academy Cloud Foundation	AWS	15/07/2019	22/11/2019	359
Training	Solution Architect Associate for CSE	AWS	01/06/2020	09/06/2020	130
Training	Developer Associate for CSE	AWS	01/06/2020	09/06/2020	35
Training	Solution Architect Associate for IT	AWS	21/01/2020	18/07/2020	50
Training	Salesforce App builder	Salesforce	26/12/2019	03/01/2020	31

Training	ADX-201 (Administrative Essentials for New Admins in Lightning Experience)	Salesforce	01/07/2019	09/07/2019	33
Training	SAP-GBI,SD,MM	SAP	15/07/2019	15/11/2019	409
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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
SAP University Alliances (Australia)	25/06/2019	Training programs for students, faculties and researchers	1493
Solbridge international school of business, Woosong university (republic of Korea)	06/08/2019	Student exchange, faculty exchange, joint research	Nill
Innove Intellects	16/10/2019	IP services, Patent and research filing, Training and awareness program in IP	Nill
Fame drugs, Meerut	18/07/2019	skill based training, education and research	Nill
Ayurved bharti, Meerut	09/07/2019	Curriculum design, industrial training and visit, internship and placement, research and development, skill development program, FDP's	Nill
Lemford biotech Pvt. Ltd., Meerut	09/07/2019	Curriculum design, industrial training and visit, internship and placement, research and development, skill development program, FDP's	Nill
Hyeto herbals pvt. Ltd. Meerut	18/07/2019	Curriculum design, industrial training and visit, internship and placement, research	65

		and development, skill development program, FDP's	
Associated chambers of commerce and industry of India (ASSOCHAM), New Delhi	01/10/2020	Trainings and educational seminars, exchange of technical articles	195

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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
460	318.89

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	19.11.14.000	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	17034	169393	127	1384	17161	170777
Reference Books	6421	6421	25	25	6446	6446

e-Books	12490	119717	20	58	12510	119775
Journals	276	1288795	Nill	5	276	1288800
e-Journals	3	1028428	Nill	37	3	1028465
Digital Database	2	119417	2	41	4	119458
CD & Video	64801	22468	2	2	64803	22470
Library Automation	1	Nill	1	Nill	2	Nill

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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
Mr.Ajay Kumar Jain	Process Dynamics Control(RCH-601)--30 Video Lectures	ZOOM App	20/03/2020
Dr. Sunil Rajoriya	Process Utility Safety-(RCH-062)-32 Video Lectures	Screen Recorder (Phone)	20/03/2020
Mr. Girish Tyagi	Transport Phenomena-(KCH-602)---34 Video Lectures	ZOOM App	20/03/2020
Ms. Divya Agarwal	Mechanical Operations-(KCH-401)---27 Video Lectures	ZOOM App	20/03/2020
Dr. Vibhu Trivedi	Chemical Reaction-2(RCH-603)--28 Video Lectures	Screen Recorder (Phone)	20/03/2020
Dr. Avdesh Singh	Chemical Eng Thermodynamics(KCH-403)---38 Video Lectures	OBS Studio (Free App)	20/03/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1393	58	59	59	1	126	12	255	0
Added	362	0	0	0	0	0	0	245	0
Total	1755	58	59	59	1	126	12	500	0

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

500 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
Smart class Room (Impartus) - 05	https://drive.google.com/drive/folders/1P_JmjBARc4izhaQoSWs6OPZ8zC4jQx49?usp=sharing

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
360	314.58	840	538.87

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, library, 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 which he / she return 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, student has to approach through his / her Head of the Department (HOD) to the HOD of such laboratory where he / she is seeking support for the facilities. Facility is granted, if recommended by the HOD of the student. 2. Library: Each student after enrolment at MIET is issued a LIBRARY CARD which enables him /her to the get the text books and reference books issued for their studies. Subject wise text books are issued for complete semester duration. Further, three more supplementary text books and one reference book can be issued to every student for a week. Students are required to approach the library for getting the text books and reference book issued to them. Proper record is maintained through ERP and LIBSYS for issue and return of the books. Faculty members are eligible to get issued seven books per semester from library. 3. Sports: Complex and MIET Club: MIET has full-fledged sports facilities for indoor as well as outdoor games. Snooker, Table Tennis, Chess, Shooting and Carom are available as indoor games whereas Cricket, Football, Volley ball, Basket Ball are available as outdoor games. Students and staff get the sports kit issued from the sports in-charge and the same has to be returned after its use. 4. Computer Facilities: All the departments have sufficient number of computer labs and sufficient peripherals like printers / scanners etc. Each computer terminal is provided with 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 pre-sanctioning is required. 5. Seminar Halls: A number of seminar halls equipped with computer, projector and public address system are available at MIET with seating capacity of around 150-200 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 well maintained auditoriums. Proper allocation of these auditoriums is done through a coordinator at institute level. Students requiring these for special gathering 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

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	182	2064590
Financial Support from Other Sources			
a) National	Post Matric Scholarship and Fee Reimbursement Scholarship Samajkalyan by U.P. State Government	1619	82185085
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Aptitude Reasoning Classes for III Year Students	27/01/2020	865	Zenith Consultants
Aptitude Reasoning Classes for IV Year Students	11/05/2020	685	Zenith Consultants
AMCAT	19/08/2019	573	Aspiring minds Pvt Ltd
Pre-Employment Assessment	19/08/2019	4100	Aspiring minds Pvt Ltd
Personality Development Class	02/06/2020	778	The Winning Mantra
CoCubes Pre-	24/09/2019	827	CoCubes

Assess			
CoCubes Assessment	11/01/2020	784	CoCubes
Mock Interviews	19/06/2020	728	Personal Counselling and Mentoring by Internal Faculty
SAP GBI	09/08/2019	827	Computing skills by Internal Faculty
SAP ERPsim	20/01/2020	451	Computing skills by Internal Faculty
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Aptitude Reasoning Classes	Nill	865	1	641
2019	AMCAT	Nill	573	Nill	424
2020	Personality Development Class	Nill	778	Nill	660
2019	CoCubes Pre-Assess	Nill	827	Nill	660
2020	Mock Interviews	Nill	842	Nill	660
2019	GATE	193	Nill	14	Nill
2019	GPAT	10	Nill	1	Nill
2019	GAT B	1	Nill	1	Nill
	View File				

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
11	11	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	2	Pharmacy	Pharmaceutical Technology	IIHMR UNIVERSITY JAIPUR	MBA
2019	2	Pharmacy	Pharmaceutical Technology	ISF College of Pharmacy, Punjab	M.PHARMA
2019	8	Pharmacy	Pharmaceutical Technology	Meerut Institute of Engineering and Technology	M.PHARMA
2019	2	B.TECH	CHEMICAL ENGINEERING	University of Petroleum and Energy Studies	M.TECH
2019	1	Pharmacy	Pharmaceutical Technology	Raj Kumar Goel Institute Of Technology Ghaziabad	M.PHARMA
2019	1	Pharmacy	Pharmaceutical Technology	Maharshi Dayanand University Rohtak	M.PHARMA
2019	1	BTECH	BIOTECHNOLOGY	OXFORD UNIVERSITY UK	M.S.
2019	3	BTECH	BIOTECHNOLOGY	Meerut Institute of Engineering and Technology	M.TECH
2019	1	BTECH	BIOTECHNOLOGY	IIT Guwahati	M.TECH
2019	1	BTECH	BIOTECHNOLOGY	IIT KANPUR	M.TECH

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

Items	Number of students selected/ qualifying

NET	Nill
SET	Nill
GATE	14
CAT	1
GRE	Nill
TOFEL	Nill
Any Other	1

View File

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

Activity	Level	Number of Participants
Kolahal 2020, Cultural Fest, Aaroh, Rangmanch, Foxrot, Battle of band etc..	State Level	350
Indian Classical Vocal Performance by Rajamia	State Level	35
Glitz	State Level	40

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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	First Prize-basketball (boys), AKTU Sport Fest -2019 (State), AKTU, Lucknow	National	1	Nill	Nill	Surya Dev Singh (CSE-III) Tejasv Pratap Tyagi (CSE-II) Yuvraj Singh (Civil-II) Ashutosh Chauhan (ME-II) Aryan Gupta (ECE-III) Abhishek Panwar (Civil-III) Navneet Yadav (ECE-IV) Rohit Kumar (ECE-IV) Akash Tomar (ME-III) Sunny Tomar (CSE-

	2019	First Prize-Volleyball (Girls), AKTU Sport Fest -2019 (State), AKTU, Lucknow	National	1	Nill	Nill	Arushi Jaitley (CSE-IV) Anjali Saurabh (BT-III) Keerti Chauhan (CSE-IV) Roshini Bharti (BT-I) Lazmi Rajput (IT-III) Shipani Devi (CH-III) Mamta (CSE-II) Shalvi Tyagi (ECE-II) Shrishty Kumara (ECE-III) Mohini Joshi (CSE-I)
	2019	Second Prize-Kabaddi (Boys), AKTU Sport Fest -2019 (State), AKTU, Lucknow	National	1	Nill	Nill	Abhishek (CIVIL-III) Mani Kumar (ECE-II) Vaibhav Manav (ECE-III) Gaurav Pundir (CIVIL-II) Sagun Som (CIVIL-I) Saurabh Saini (CSE-II) Ankit Kumar (CSE-II) Mohit Sharma (CSE-II) Ankush Singh (CIVIL-III) Aman Saifi (ME-III) Shubham Tyagi (ECE-IV)
	2019	Third	National	1	Nill	Nill	Soumya

		Prize- 100 & 400 m Race (Girls), AKTU Sport Fest-2019 (State), AKTU, Lucknow					Dixit (B. Pharm-II) Vidhi Gill (CS-I)
	2019	First Prize- Coding Contest, AKTU Culture Fest-2019 (State), AKTU, Lucknow	National	Nill	1	Nill	Aman Jain (CS) Arun Pundir (CS)
	2019	First Prize- Just a minute (1), AKTU Culture Fest-2019 (State), AKTU, Lucknow	National	Nill	1	Nill	Mimansa Mahajan (CS)
	2019	First Prize- Robo Race, AKTU Culture Fest-2019 (State), AKTU, Lucknow	National	Nill	1	Nill	Sanyam Arora (CS) Luv Sethi (CS) Shivanshu Jain (EE) Jatin (EC)
	2019	First Prize- Debate, AKTU Culture Fest-2019 (State), AKTU, Lucknow	National	Nill	1	Nill	Mimansa Mahajan (CS) Subham Vats (CS)
	2019	Second Prize- Frugal Engineering (Jugad), AKTU Culture Fest-2019 (State),	National	Nill	1	Nill	Hardik Rastogi (ME) Nancy Rastogi (CS) Anishrawa Sharma (CS)

| 2019 | Second Prize- Technical Poster, AKTU Culture Fest-2019 (State), AKTU, Lucknow | National | Nill | 1 | Nill | Vivek Joshi (CS) Samarth (CS) |

[View File](#)

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

The student council is a group of student leaders who work with faculty advisors to collaborate with other students to impact their college community. The student council also supports students on academic and administrative bodies/committees of the institution in their town that impacts the locality MIET believes in the philosophy of participative management and welcomes large scale participation of students and faculty members. Many of the academic administrative bodies are solely managed by students with the mentoring role of faculty members. Students are given nearly a free hand to manage the affairs of such bodies. Management trusts its student bodies up to the extent that they are allowed to keep keys of the facility centers 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 a 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 academic 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 is one of the landmark events that this committee organises every single year. Abhivyakti: This is the female wing of the colleges literary committee. Mess Committee: Hostel mess is on a 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 co-ordinate these as and when required. Different Clubs and societies being run by the students are SEE, MBS, ACES, SHILANAYAS, PS-MIET etc. Management (Chairman, Vice Chairman, Director) also meet students to have their feedback on various issues.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

MIET Alumni are the brand-ambassadors as well as flag bearers of the institution. Alumni network aims to render a mutually beneficial relationship between the institute and its alumni. The Institution has registered Alumni Association Under the Trust MIET ALUMNI FOUNDATION. The registration number is 220 registered on dated 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 alumni network tends to increase alumni engagement in various activities, for example, academic placements, cultural and social activities at the institute and beyond for building strong interaction between alumni and the students. It renders an opportunity to aid and support for the better placement, growth, and development of a students career. MIET has always emphasized on strengthening the bond with its alumni. Alumni of MIET have contributed to the development of their alma mater with the wealth of knowledge and skills that they have gained through their experience in different domains. Since past several years, alumni have been involved in several activities of institute to fulfil objectives of alumni interactions and benefits that includes: - • Guidance for professional placements and higher studies • Interactive /motivational sessions with the current students Delivery of lectures on specific topics as subject matter specialist and to keep them engaged in productive pursuits useful to the society. • To provide a platform to establish a link between students, staff, and alumni of the institute to meet regularly and exchange their professional views and activities. • To motivate students about mutual benefit, incentives and obligations for lifelong relationships with the institute. Different departments organize alumni meetings for the interaction to establish a sense of belongingness amongst alumni with MIET. Such meets play an extensive role for the current students to interact with professionally experienced seniors who have wide expertise. Recently in December 2020 an alumni connect (Biotech Sambandh 2020) was hosted by the Department of Biotechnology where an interactive session on 'Career opportunities in biotechnology Industry' was conducted by Mr. Akriti Kumari (Product Manager) and Utkarsh Tyagi (American cyber system POC- Investment). Speakers provided an insight on important tips about time management, stress management and shared their respective experiences of their college life. While Apurva Singh (Senior patent Analyst) and Ankit Taliyan (Income Tax Inspector) have rendered an interaction session on basics of IPR. During Session 2019-2020 an alumni connect (Biotech Sambandh 2020) was hosted by the Department of Biotechnology in December 2020 where an interactive session on 'Career opportunities in biotechnology Industry' was held. The department of Civil Engineering has also organized alumni session entitled "Hungary opportunities for higher studies in abroad" on 17th April 2020. The speaker for the session was Ms Iram Zehra, research scholar, University of PECS.

5.4.2 – No. of enrolled Alumni:

6691

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

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)

Case 1 - Engineering education is incomplete without laboratory practice. The overall goal of engineering education is to prepare students to practice engineering and in particular to deal with the nature of problems faced by society. The laboratory practice has been an important part of professional and engineering undergraduate education a laboratory is an ideal place for active learning. Students learn in a real-world environment, function as team members, discuss the planning of experiments, and share ideas about the analysis and interpretation of data. For the student the objective of engineering laboratory is to "practice by doing" and for this it requires that the laboratory should be well-equipped with latest equipment and all the other necessary experiments required for practical. At MIET, it is the students, the Lab staff and the concerned lab faculty who decide about which experiments are more important and what are the requirement of their laboratory. They raise their demand with the Head of the Department at the beginning of the semester. The Head of the Department collects the demand for all the laboratories in the Department analyses all the demands, verifies it and submits it to the purchase committee. The purchase committee gets the quotations for these demands from the different vendors, sort them and passes them to the management. The management gives the final approval for a particular vendor and the purchase is done. Similar process is followed for software upgradation and purchase of new software. Case 2 - The libraries are upgraded to enhance the students' knowledge and to keep them in touch with the latest updates in their particular field as well as providing them facility to develop their literacy standards. The books, journals are bought with the help of the library committee. The meeting with the library committee is conducted every academic year. It helps to frame the budget based on the requirements for upgradation and the maintenance of the library for the following academic year. The annual budget is prepared by the Head of the Department and the same is approved by the Management in consultation with the library committee. The process of purchasing the books is initiated by the Faculty Subject In-charge who is aware of the requirements of the books in the library. Thereby, the Faculty In-charge consults the Head of the Department and decides on the numbers of various books required in the department for the students for this particular subject. There is no interference from any of the authorities above the Head of the Department. The quotations are received from vendors approached by the Librarian and comparative statements are presented to the library committee. The purchase committee place orders for the requirements. The management approves the decision taken by the library committee which shows the participation of the management at the appropriate level. The process of approval takes place every year.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The process of curriculum development starts with gap identification, which

	is done with the feedback obtained from the institutes recruiters and alumni's. In designing curriculum, faculties from different departments, of the institute, have been appointed as member of board of studies in AKTU CCS University. They sit together and discuss about the identified gaps, design the syllabus, under the guidance of convener, of their respective department. The syllabus is compiled by them and is presented in front of university professors who provide their views and necessary amendments are done. If, all the suggestions have not been accepted then the institute runs Add-on courses to fulfil this left over gap.
Teaching and Learning	- Classrooms, seminar rooms, conference rooms, auditorium hall are enabled with ICT facilities for the benefit of the students. - Teachers' record reviewed monthly by HODs and semester wise by the Dean Academics, monitoring of lectures taken and compensated, 100 percent coverage of syllabus, endorsing of innovative methods adopted by teachers and use of various audio visual aids. - Wi-Fi campus, Library collection upgradation, ICT related tools, provision of internet facility. - Providing diverse learning through multiple avenues subject association activities, forum activities, educational/ field visits and certificate and add-on courses etc. to give students an additional insight into learning. - Student seminars, project works, on the spot studies and community and industrial visits help in Cooperative and peer learning. - Fields projects, group discussions, debates, quiz etc.
Examination and Evaluation	? Examination and Evaluation - Regular internal examinations have been conducted and assignments and/or seminars are conducted for fulfilling the requirements of continuous evaluation. - Due to pandemic the internal exams of even semester were conducted online on Google platform. - The college follows continuous internal assessment system and each department conducts internal examinations twice in an academic session in which questions are prepared and evaluated by the concerned teachers and their answer

	sheets are displayed with suggestions and remedial measures. - Evaluated answer-sheets are shown to the students and feedback is provided - Display of Model Answers, Step marking of answers - Faculty members are appointed by university in connection with the examination duties (invigilation, additional examiner for valuation, external examiner for practical examinations, examination board chairpersons etc.). The university evaluation is done online through DVS software.
Research and Development	- Research policy documentation is there - Interdisciplinary research centre's—research clusters - Student participation in research activities, STARTUPS, INCUBATIONS - Organizing research conference - Sharing in consultancy - Increased resources plagiarism awareness - Financial support for patents - Establish new initiatives and grow existing ones to attract and maintain high performing research faculty - Promote research on thrust areas and public issues - Industry projects for public issues in technology areas security, agricultural growth, technology for challenged, water purification, sewage treatment, energy management, waste recycling etc. are encouraged.
Library, ICT and Physical Infrastructure / Instrumentation	- The library has a well-rounded collection of 1, 21,305 volumes of books, 42575 journals and carpet area of about 2212.04 Sq mts. It subscribes to various national and international journals in print besides a large number of e-journals through IEEE, Springer, ASME, ASCE, Emerald, Taylor and Francis, EBSCO, IEI (The Institution of Engineers(India) Life membership, DELNET E-Books/ E-Journals. - ICT: The College has the projector enabled classes with LAN facility which are helpful in seminars as well as students presentation. Wi-Fi enabled campus is provided for the students. Turnitin software is purchased to help/identify document's plagiarism. - Infrastructure/ Instrumentation: Sufficient numbers of classrooms are available in the college. Instruments for sports and music are also provided to the student. Proper maintenance of the instruments is being carried out

		from time to time.
	Human Resource Management	- For improvement in human resource management, different approaches have been adopted. For this purpose Registrar office is responsible. ERP system has been implemented for Human Resource Management. Training and development programs are being carried out for teaching and non-teaching staff. For every new machine being introduced in the laboratories, both teaching and non-teaching staff is provided training so that right handling can be done and the students also get rightly trained. - A proper orientation program for the new faculty is carried out to make them comfortable with the roles and responsibilities of being a faculty. The Orientation program is a powerful way to immediately engage the faculty members, accustom them to the campus with the resources and mainly prepare confidently to begin their role as a faculty.
	Industry Interaction / Collaboration	- At MIET we have industry collaboration with AMAZON, SAP, AIMA, IBM, AWS, SEIMENS, BOSCH, FESTO, and SALESFORCE to enhance the skills of students in their respective areas so that they can get industry exposure and can learn the prevailing as well as emerging technologies. - For the practical exposure and industrial interaction the students are provided industrial trainings during the summer vacations. Further, different industrial problems are identified and taken as pre-defined problem statement by faculty members. Guest lectures are delivered by industry experts and students go for industrial visits.
	Admission of Students	- Awareness sessions for other than CSE allied branches prospects are conducted where counselling is provided and they are briefed about the importance of other branches. - Admission is done on the basis of some criteria, First at AKTU, Lucknow University Level Such as University Entrance exam and counselling and second at Institution level where merit will be criteria for selection and merit include student's Academic records, Personal Interview , Group Discussion etc. Institution provides equal opportunity to all students

	without any discrimination Institution is always dedicated towards quality education. Parent interaction is also the one of criteria to know the student inherent talent but is not compulsory part of selection.

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

E-governace area	Details
Planning and Development	- E-governance is the incorporation of Information and Communication Technology in all the functioning of the organization. To use ICT in the practice of planning organizational activities, institute uses ERP module and college e-mails .With the help of college e-mails, important notices and reports are also circulated. Its purpose is to lessen the physical efforts and improve the communication, also build clear system, and to be cost as well as time effective. Various WhatsApp groups have been formed for different committees.
Administration	- ERP module has been implemented for administration purpose. - Biometric attendance for teaching and non-teaching staff. - The college authorities implement full supervision of all service units in the office through the ERP software. - WhatsApp Group helps to provide the brief notices of any event to be happening in college. - The Administration communicates with Governing Body members as well as the teaching and non-teaching staff through email. - Wireless campus with 24x7 internet facility and CCTV cameras. - To promote paperless working, the use of following is being emphasized: Google Sheet: - For data collection from Various Departments. Google Docs: - To prepare notices and activity reports. Google Forms: - To prepare Feedback forms and get Online feedbacks of Students Google Drives: - To keep all department wise proofs.
Finance and Accounts	With the aim to produce immediate information in finance and Accounts i.e. "Single Click Accounting", this section of College is partially e-governed. The college uses the Tally ERP 9.0 for the transparent functioning of Accounts department. The same software is used to generate various reports like Consolidated Day Book

	General Day Book Daily Cash Collection report. For ease of maintaining accounts and fee collection, the institution is using ERP module.
Student Admission and Support	The admission procedure is conducted online and offline mode under higher education regulation, AKTU conducts the entrance examination in offline mode whereas counselling was conducted online. During the pandemic college provided complete one stop solutions to student for admission from registration to fees deposition, bank loan, Credit Card EMI, Institution level EMI provided to students. Each student data is maintained in the college ERP. Career counselling also provided to student. The disbursement of various scholarships also takes place online. Intimation regarding time table, examination dates, and revaluation forms are received online. There is Grievance Redressal Cell to sort out the students problems.
Examination	E Governance in the area of Examination is implemented in the following forms - Evaluation of external answer scripts is conducted online through Digital Valuation System (DVS) software in the affiliating university. Faculty members of MIET 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. - The student project viva was also conducted online. - During the pandemic in the even semester the student's assessment was done online seminars, presentations, projects, labs and internal online assessment exams. - ERP software is used for record keeping.

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
2020	Ms. Bhawna Gupta	AWS Training and certification	NA	6971
2020	Nomendra Tomer	Entuple Training	NA	4631

Year				
		program		
2020	Dr. Chandan	Entuple Training program	NA	5598
2020	Mr. Ankur Verma	Entuple Training program	NA	4631
2020	Mr. Amit Kumar	Technical event-E-Yantra	NA	1652
2020	Subodh Kr Tripathi	AKTU-FDP	NA	4720
2020	Subodh Kr Tripathi	AKTU-FDP	NA	6470
2020	Dr. Naman Jain	FDP on Industry 4.0: Application Artificial Intelligence and Mechatronic	NA	24579
2020	Raghuraj Singh	AWS Certificate Cloud Practitioner fee	NA	4250
2020	Dr. Naman Jain	FDP on Industry 4.0: Application Artificial Intelligence and Mechatronic	NA	6230
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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	Excel Training	Excel Training	18/12/2019	20/12/2019	25	5
2019	AIMA Bizlab Training	NA	30/08/2019	30/08/2019	4	Nill
2020	AIMA Bizlab Training	NA	18/04/2020	18/04/2020	3	Nill
2019	International Conference	NA	23/11/2019	24/11/2019	67	Nill

	on Volatility, Uncertainity, Complexity Ambiguity in Business					
2020	Design, Simulation Measurement of Diffe rentTypes of Antenna for 5G App lications Using HFSS	NA	11/02/2020	11/04/2020	120	Nill
2020	SAP ABAP training	NA	06/01/2020	08/01/2020	8	Nill
2019	NA	Drill Machine By Crescent,S cientech	14/10/2019	14/10/2019	Nill	7
2019	Train the Trainer workshop on ERPsim	NA	21/10/2019	24/10/2019	23	Nill

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Challenges in Grid integration with Renewable Energy Sources	4	22/06/2020	22/06/2020	1
Industry 4.0: An application of Artificial Intelligence and Mechatronics	27	20/01/2020	17/02/2020	28
Cyber Security and Laws	10	14/06/2020	14/06/2020	1
AWS-Awesome day webinar	3	20/05/2020	20/05/2020	1
Impact of moral values, ethics,	4	17/01/2020	30/01/2020	14

behavioral sciences and attitudinal development of the professionals				
Outcome based education and accreditation	3	25/05/2020	29/05/2020	5
Latex Programming	17	18/05/2020	18/05/2020	1
Advancement and Strategies on Nano Drug Delivery system	5	25/07/2020	25/07/2020	1
FDP on Nanomaterials and Devices	4	25/05/2020	25/05/2020	1
ADVANCE CYBER SECURITY	4	21/10/2019	21/10/2019	1

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
167	Nill	13	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
The Faculty and the Staff are the most vital components of any organization. The role of teaching and non-teaching staff plays a significant role in the establishment and development of the Institution. The Institute is implementing various schemes for the welfare of the teaching and non-teaching staff members. The faculty members are encouraged to attend the seminars conferences as well as refresher courses organized by university and AICTE. Institute provides Travelling allowances and registration fees for attending conferences/workshops/FDPs, financial	a) Privilege Leaves and Medical leaves b) Gratuity scheme c) Free ambulance service in case of Emergency d) Two sets of uniform are provided to the fourth class employees e) Maternity leave f) EPF ESI facility g) Medical facility Doctor in campus h) Covid testing vaccination camps. i) Term insurance	For the majority of students, involvement in extracurricular activities plays an important role in the educational experience. Students become involved in extracurricular activities not only for entertainment, social, and enjoyment purposes, but most important, to gain and improve skills. A wide range of extracurricular activities exist at our college, meeting a variety of student interests. The importance of extracurricular activities in educational institutions is well established. The primary goals of extracurricular activities focus on the

support is provided to faculty members for presenting their research papers. The staff can avail special leaves on religious festivals which enhances the work life balance of the employee. Orientation programs are conducted for the newly recruited faculty members once in a year to enhance their teaching ability. Gratuity is applicable to every teaching and non-teaching staff after five year of service. Every year two sets of uniform are provided to the class four employees Teaching Staff: a) Privilege Leaves and Medical leaves are given. b) Travelling allowances and registration fees for attending conferences/workshops/FDPs. c) On-duty Leave to pursue Ph.D. d) Providing professional body membership fees e) Financial support to present research papers in national and international conferences. f) The institute supports the teaching staff to enhance professional development by permitting study leave to faculty for carrying out research projects. g) Gratuity h) Compensatory Off facility i) Medical facility Doctor in campus j) Free ambulance service in case of Emergency k) Maternity leave l) Covid testing vaccination camps. m) Result incentives on merit basis n) Research incentives based on journal indexing o) Term insurance

individual student level, the institutional level, and the broader community level. These activities exist to complement the schools or the college's academic curriculum and to enhance the students educational experience. The students are encouraged to participate in these activities with no additional cost. Financial support is also provided to the students to participate in these activities outside the institute. Extracurricular activities provide a setting to become involved and to interact with other students, thus leading to increased learning and enhanced development. Specifically, a students peer group is the most important source of influence on a students academic and personal development. By identifying with a peer group, that group may influence a students cognitive development as well as his or her behavior. Kolaahal: The MIET's annual cultural festival MIET Science Club - MIET Science Club works towards the following objectives: • Disseminate information on science technology (ST). • Reach out to fellow citizens especially in nearby rural areas to popularize science. • Stimulate spirit of curiosity, inquiry, innovation and creativity to supplement conventional education and foster scientific temper. • Make science an enjoyable and interesting pursuit. • MIET

Biotechnology Society (MBS) of the Department of Biotechnology conducts various academic and extracurricular activities and publishes the magazine with the name "Biotaction". COMPASS, society of the department of Computer Science Engineering, organizes various activities for the students along with the annual publication of its magazine-WIT. Society of Electronics Engineers organizes various activities for the students along with the annual publication of its magazine- ELECTROCOM. VISTA, the society of department of MCA, organizes various activities for the students to judge and promote technical and non-technical skills among students. Mechanical Engineering Department boasts several technical and non-technical societies and departmental clubs to promote overall growth of students some of which are abhi – YANTRA and departmental committees are Go-Kart and SAE BAJA. MPS (MIET Pharmaceutical Society) is a society of department of Pharmaceutical Technology, MIET established in 2007. Aim To provide a common platform to its members to achieve and enhance their professional activities.

6.4 – Financial Management and Resource Mobilization

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

MIET conducts following two audits: Internal Audit and External 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).The external audit is conducted annually by M/s VS Gupta Co. The sample audited reports, both internal and external, has been uploaded for your ready reference. Internal Audits 1. Reason/purpose: The purpose of auditing internally is to provide insight into an organization's culture, policies, procedures, and aids board and management oversight by verifying internal controls such as operating effectiveness, risk mitigation controls, and compliance with any relevant laws or regulations. 2. Objective and Scope: The target of internal audit is to help the Governing Body and institutional executives in the viable release of their obligations by outfitting them with investigations, examinations, suggestions and appropriate remarks concerning the exercises evaluated. The achievement of this goal includes such exercises as: i. Evaluating and assessing the sufficiency, ampleness and utilization of bookkeeping, authoritative and other working controls, hence advancing viable control at sensible expense. ii. Ascertaining the degree of consistence with set up strategies, plans and systems. iii. Leading extraordinary assessments and surveys in line with the Audit/Compliance and Investment Committee, institutional heads. 3. Authority. The inward review staffs are approved by the Governing Body to lead a thorough program of internal examining. To achieve their goals, the internal reviewers are approved to have unhindered admittance to Institute capacities, records, properties and staff. 4. Reporting. The internal review staff report's to the Governing body and where suitable. External Audit: This was directed by a main contracted bookkeepers firm on customary premise. Outside evaluators may demand to examine monetary transactions and review the related issues with the Audit. The Auditor may demand the other outer examiners to talk about above issues with the Committee.

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
Management, Meerut Institute of Engineering and Technology	2635909	To Purchase the equipment for Research under DST FIST Lab
[View File]()		

6.4.3 – Total corpus fund generated

2635909

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	No	Nill	Yes	IQAC
Administrative	No	Nill	Yes	IQAC

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

1) Visit to students homes for scholarship distribution 2) Parent teachers meetings 3) Invitation to parents during the annual fest - Kolaahal

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

1) ERP training for smooth functioning of their duties 2) Laboratory practical trainings 3) Participation in human values workshops 4) Webinars workshops organized for them

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

1) Workshops/Seminars/Conferences/Webinars organized 2) IQAC meetings 3) Result analysis conducted for each semester

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	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
2020	NIRF Participation	31/12/2019	01/12/2019	31/12/2020	4648
2019	IPR Awareness Program	31/12/2019	31/12/2019	31/12/2019	250
2019	IPR Awareness Program in Association with ASSOCHAM	22/08/2019	22/08/2019	22/08/2019	195
2019	NBA Visit	08/11/2019	08/11/2019	09/11/2019	264
2020	NBA Visit	31/01/2020	31/01/2020	02/02/2020	706
2019	Industry Oriented Programs (IOP's)	15/07/2019	15/07/2019	31/08/2020	2405
2019	AICTE-CII Survey	20/10/2019	01/09/2019	20/10/2019	4648
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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 Women's Day	07/03/2020	07/03/2020	140	3

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
Environmental Consciousness and Sustainability: Institute always sensitizes all staff and students of M.I.E.T. regarding the carbon footprints through awareness programmes, the importance of carbon neutrality and its impact on

society. The institute actively promotes the idea of vehicle pooling by running Institute buses (more than 50 of Institute buses are CNG buses) to different corners of the city and to nearby districts. It is done for convenient transportation facilities as well as to promote utilization of the common transport system in order to reduce carbon emission. No automobiles are allowed to enter the Institute campus for maintaining a pollution free environment. Awareness programmes such as Swachhta Pledge and Pledge to Segregate, Swachhta Abhiyan etc are carried out by NSS and Student Clubs. Outreach programmes for Plantation drives and green landscaping of campus are a regular part of green initiatives of the Institute. Alternate Energy initiatives: M.I.E.T. is very much concerned about conservation of energy and as a part of which M.I.E.T. has incorporated its "Energy Conservation Policy" on 25 Jan 2016. From then its members are continuously working on saving energy and maximizing use of alternate energy sources for meeting the demands of consumption. As a first step in usage of alternative resources M.I.E.T. has installed 450 kWp grid connected roof top solar power plant in 2016-17 and in one year of operation it has produced 5,30,200 kW-hr units out of which approx 70000 units had been supplied back into the grid. In session 2019- 2020, 431431 kW-hr units energy has been taken from installed rooftop solar plant to suffice campus consumption. It accounts for 38.7. 1,35,358 units of energy was supplied to the grid which accounted for 23.9 of the total.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	11
Provision for lift	Yes	11
Ramp/Rails	Yes	11
Braille Software/facilities	No	Nill
Rest Rooms	Yes	11
Scribes for examination	Yes	1
Special skill development for differently abled students	No	Nill

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
2020	1	1	07/03/2020	1	Namaste Meerut	Covid-19 Pandemic Awareness	30
2020	1	1	06/03/2020	1	Donation Camp	Donation of hot water bags and	25

						fruits to Old Age Home	
2020	1	1	13/02/2020	2	Kolaahal	Spreading message of 'Ek Bharat Shrestha Bharat'	200
2020	1	1	08/02/2020	1	Donation Camp	Donation of old clothes and stationary to Orphanage	20
2020	1	1	18/01/2020	1	Swachhta Pledge and Pledge to Segregate	Oath to clean India and vow to clean up surroundings	80
2020	1	1	17/01/2020	1	Donation Camp	Donation of old clothes and food items to Kusht Aashram	15
2020	1	1	02/01/2020	1	Donation Camp	Donation of old clothes, shoes and food items to Orphanage	20
2020	1	1	19/10/2020	1	Donation Camp	Donation of food and stationary to Satyakam orphanage	30
2019	1	1	15/10/2020	1	Kutumb-Grown up, but not Apart	Family bonding	200
2019	1	1	02/10/2020	1	Swachhta Abhiyan	Message of cleanliness to the	90

						doorsteps of the people	
View File

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

Title	Date of publication	Follow up(max 100 words)
M.I.E.T. Code of Conduct	01/01/2019	Code of conduct handbook exists for students, teachers, governing body, administration including Director / Principal / Officials / Faculty/ Students and support staff.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Student PSL 1	13/06/2019	23/01/2020	61
Faculty development program PSL 1	01/05/2019	08/05/2019	44
Annual Fest 'Kolaahal'	13/02/2020	15/02/2020	200
Citizenship Amendment Act: Lecture Competition	07/02/2020	07/02/2020	50
Republic Day celebration	26/01/2020	26/01/2020	100
Rashtriya Matdata Diwas	25/01/2020	25/01/2020	60
Netaji Subhash Chandra Bose Jayanti	23/01/2020	23/01/2020	100
Gandhi Jayanti	02/10/2019	02/10/2019	80
Independence Day celebration	15/08/2019	15/08/2019	100

View File

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

1. Solid Waste Management: The institute has a strong volunteer team to make the campus green and eco-friendly. The coordinators and volunteers of Ahimsa Club and NSS team monitors and strives hard to make college and hostel areas completely green and pollution free. Many green environment awareness programs are conducted through student volunteers with the initiatives of the management. Paper wastages are collected frequently and given to the recycling vendors to maintain the campus clean and tidy. Solid waste is mainly generated from boys hostel mess, girls hostel mess, canteen, staff quarters etc. Separate bins are kept for bio-degradable and non-biodegradable waste. Solid waste is also collected in the form of dry leaves and dust after sweeping from the lush green campus. Pipelines are regularly checked and maintained. Major part of

this waste is collected by the trucks of Meerut Municipal Corporation, Meerut in containerized bins.

2. Liquid Waste Management: Sewage: A sewage treatment plant (STP) of 135 KLD capacity is operating within the M.I.E.T. campus. Effluent generated from the STP is used for horticulture purposes. All the receiving end pipelines are periodically checked for leakages, which minimizes the loss of water due to leakage. Rain Water: Rain water at M.I.E.T. is not allowed to go in drains. There are 10 rain water harvesting pits in M.I.E.T. campus sufficient to cater rain water harvesting requirements.

3. Biomedical Waste Management: The waste from animal house is taken proper care of before disposal. In the laboratories of Microbiology, Biotechnology and Pharmacy the culture media after experiments is first autoclaved before discarding it to avoid any possibility of microbial contamination in water or soil. Bleaching agents are used for sterilization purposes. Institute IBSC approved by DBT is functional for proper monitoring of laboratory work related to any pathogenic microorganism. Institutional Animal Ethics Committee approved by CPCSEA (Committee for the Purpose of Control and Supervision of Experiments on Animals) works for monitoring of laboratory and sacrificed animals.

4. E-Waste Management: All the electronic components like computer peripherals, electronic instruments and batteries are regularly maintained and repaired. The institute has a 'Stores Rules and Write Off Policy'. It classifies 'stores' as permanent assets and consumable stores depending upon their utility and lifespan. Upon receiving request for write off and disposal of permanent assets, Institute Technical Committee approves and recommends the report to Institute Disposal Committee through Director. Institute Disposal Committee may take following course of actions (but not limited to) to dispose-off assets: • By inviting limited tender • By fixing its normal value exclusively for staff members on 'first come first serve basis' • By destruction/burial of item(s) in eco-friendly manner • By donation to some other govt., semi-govt., local govt. agencies or to a registered - govt. aided NGOs

5. Hazardous chemicals management: Hazardous chemicals are kept separately in central chemical stores out of reach of students under proper care of store in-charge. Practical instructors as well as lab assistants always share the guidelines of usage of any such hazardous or corrosive agents with students.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of practice: Skill enhancement training to make students industry ready 1. Objective of practice: Learners are seeking newer and unconventional career paths and our learning pedagogy must be in sync with those aspirations. 'Skill enhancement training' intends to promulgate a way of learning and teaching that is in context with technological advancement. Institute aims to provide a stimulating learning environment wherein wide ranges of learning experiences are offered. 2. The context: Now Industries expect the students to be equipped with the latest technology/ skills as Industry ready candidates with minimum efforts from their side to further train them. This underlines the requirement of inducing the new and modern skills by the Academia for the students to make them Industry-ready. In this context the Institute has created add-on resources and is imparting the skills of Industry to its students. Education Policy also clearly outlines the use of technology in education planning, teaching and learning with continuous professional development of professors too. Tools and technological advancements in education have created new ways to teach and learn in the present scenario. Technology provides opportunities for professors that can collaborate and expand learning outside the classroom. Hence, it is pragmatic to take into cognizance the changing paradigms and realize the vision of National Education Policy in academics. 3. The practice: To fulfill this

requirement, the Institute has introduced various add-on skills that are being used in Industry today. Further, add-on infrastructure is created to impart the skills. Being an affiliate Institute of Dr. A.P.J Abdul Kalam University, Lucknow, the curriculum, as decided and provided by the University, can't be ignored. However, looking at the importance of the add-on trainings, additional contact hours are provided on working days so that the skill dissemination can be carried out along with curriculum. A roadmap is created by each department well in advance that highlights the skills required from student's employability point of view. Out of these essential skills, the skills that are being provided as a part of AKTU curriculum are 'Pen-down' and a plan concerning remaining skills is made. These additional skills (apart from regular curriculum) are referred to as 'Add-on skills'. The syllabus of these skills, mode of delivery, delivery timings and resources required are identified. This also requires the expert training for the faculty members on these skills so that the same could be imparted to the students by the internal faculty members of the Institute. The skills can be delivered along with regular curriculum, as summer trainings, winter trainings etc. The add-on courses whose infrastructure is available is inserted in the time table for the students. Wherever required, students' choice is taken to allow them to make a conscious career direction for themselves and accordingly the add-on courses are floated. Depending on the students attendance and assessment carried out certificates are provided to the students. Accordingly, these add-on courses are also referred to as 'Certification Courses'. Further, after completion of the certificates, efforts are made to place the students in the concerned Industry. Some of the add-on courses designed to impart Industry skills are mentioned below: 1. Ansys-HFSS, ANSYS-ME ANSYS-CFD 2. Texas Instruments Centre of Excellence 3. Robotics and IoT Lab 4. Satellite Lab 5. Nanotoxicity Lab (DST Govt. of India) 6. Stem Cell, Animal Tissue, Plant Tissue Lab 7. Bosch-MIET Joint Certification 8. CNC Training Centre 9. AWS Academy 10. IBM Big Data Analytics, Block-Chain, Security Intelligence 11. IATC SIEMENS Automation Training Centre 12. SIEMENS PLM Software CAD, CAM Training 13. STADPRO, Primavera Auto CAD Centre 14. Professional C, Java Python 15. AI Machine Learning 16. AIMA BIZ Lab 17. FESTO Industrial Automation Training (Industry 4.0) 18. RPA using UI Path Blue-prism 4. Evidence of success: The evidence of the success of this practice can be seen from the students' participation in the add-on trainings, placements as an outcome and improved confidence and their sustainability in the Industry. It can be observed that after adopting this practice, the students' placement has increased. Further, diversity of the companies in which they are placed has widened. Also the feedback obtained from the employers give a positive note to this practice. As these add-on skills are imparted to students after due discussion with the Industry persons/ employers, the faith of the employers in terms of students skills has uplifted. It is this success that the Institute has made this Best Practice a 'Regular Practice', being followed every session. 5. Problems encountered and resources required The first problem lies in creating human resource and Infrastructure. Creating human resource requires the motivated faculty to come forward or appropriate counseling of the faculty to take up the skill. The next challenge lies in arranging industry skill for the faculty. Further, keeping students in sync, especially slow learners becomes a challenge sometimes. Another challenge is the creating facility in terms of financial and space allocation. Title of practice: To Support Slow Learners 1. Objective of practice: Supporting the slow learners and encourage them to develop a thorough understanding of the subject matter and excel eventually. 2. The context: Every student is unique, so is their aptitude and intellectual ability. Many a times, it has been observed that weak students are unable to understand a lesson correctly because of her/ his interest or she/he has fails to grasp the previous lesson. This may be because of students' capability or due to some personal problems or some social background. This may lead to students being non-sincere in classes and

do not perform up to the mark. In this respect, it become important to counsel and support the slow learners so that they can also be at par with the determined standards and perform well with holistic development. 3. The practice: Students from different backgrounds and learning capabilities take enrollment in various disciplines offered in the institution. Institute has introduced the 'cabin coaching concept' for slow learners especially during the first year of their study. During the cabin coaching program, faculty members work closely with the students, and have opportunities to sort out their problems on one-to-one basis. A separate batch is made for the slow learners which results in customized teaching for them. This includes customized study materials, Question bank, last year Question papers with solutions and extra opportunity to appear in exam for improvement. In order to streamline flow of information, a separate WhatsApp group is formed involving students which help in faster dissemination of the information and give the students a stage to mention their problems as well. Extra teaching hours and faculty members with proven result are allocated to get the maximum out of them. Parents of slow learners are approached on regular basis by the concerned faculty members/ mentors/ Academic coordinators/ Head of the Departments through telephonic conversations. Along with this, the faculty members/ mentors/ Academic coordinators visit the home of the slow learners to have the interaction with them in front of their parents. This help to reduce the communication gap between student, parents and faculty members which may otherwise get widened. This practice is highly appreciated by many of the parents as they get updated status of their ward's performance and feel involved with the institute in the quest to bring success to them. 4. Evidence of Success The most important evidence of the success of this practice can be observed from the student's performance. To mention on qualitatively basis, it is observed that this practice brings confidence within the students and help them to shed their hesitations in sharing the subject difficulties. This is evident in their performance in the result. So, the evidence for the success of this practice is shown in the active engagement of students in academic activity and good results obtained by students in her/his examination. The faculty members get a positive response from parents with comments regarding this process to be a very useful practice for them and their ward. 5. Problems Encountered and Resources Required The major problem is observed in ability of slow learner to adapt to this practice initially. They do not want to be tagged as 'Slow-Learner'. So it takes time by the faculty to counsel them about the underneath intention of this practice and bring them in sync with the practice itself. The other challenge is faced in terms of slow-learner's tendency to skip the extra lectures. To avoid this, the emphasis is being made to make the lectures as informal as possible. Since the batch comprise of slow-learners, the concerned students misses the opportunity to interact and learn with the bright students otherwise. This is an important challenge faced during this practice. The implementation of this practice requires faculty members who are good in quality and quantity. Cabin coach requires the faculty members with proven track record. Also the lower batch size requires the more number of faculty members to cover the students. Dedicated cabins with space that accommodates the smaller batch size is another requirement. Customized study-material is also required for the effective implementation of this practice.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://miet.ac.in/institute-best-practices

7.3 – Institutional Distinctiveness

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

Promotion of research ecosystem: The institute has following objectives to promote research ecosystem 1. Research in core and interdisciplinary area 2. Undertake grants for FDP, STTP and Workshops 3. Undertake projects and research grants 4. Undertake consultancy 5. Patents In order to achieve the above following facilities are available in the institute: 1. DST-FIST Centre 2. DBT IBSC 3. Institute Innovation Cell 1. DST-FIST Centre: DST- FIST centre was established in M.I.E.T., Meerut in 2018. This is a central facility everyone can use, keeping all the rules and regulations in mind. The Department of Biotechnology has installed instruments like Flow Cytometry, Gas Chromatography, CO2 Incubator, Multiscan sky spectrophotometer including ELISA reader, with equal contribution of DST-FIST and Management of M.I.E.T., Meerut. DST-FIST centre at M.I.E.T. is fully dedicated to work in the field of Stem and Cancer cell culture tissue engineering, translational medicine and translational medical biotechnology. This centre has many patents to its credit and has organized an international seminar on the topic Health, Environment, Laboratory safety". This centre encourages all members faculty to pursue RD work in their respective field. Many more modern biotechnology based work and Translational RD is work going on. 2. DBT IBSC: The aim of IBSC is to ensure safe use of biohazard and recombinant DNA products in the field of biotechnology research and development activities and to implement the biosafety and biosecurity at the institutional level. The facilities available at the organization are adequate to meet the biocontainment levels stipulated while working with hazardous microorganisms, cell lines and stem cell research. All the labs are maintained at BSL-II (BioSafety Level -II) level as per the latest IBSC guidelines by Department of Biotechnology, Delhi. Specific containers for different types of laboratory wastes are used. Proper procedures are followed for decontamination and disposal of the used culture mediums and waste materials. 3. Institute Innovation Cell: Institution's Innovation Cell has been established with an aim to provide a platform and mechanism for the internal and external stakeholders to interact with each other and thus to foster needs/opportunities based on innovation. The importance of education and innovation is undisputed in helping a nation become a global leader and in maintaining its leadership. Taking into the account the diverse needs of people from across India, regional growth becomes the foundation for national development. The Innovation Cell nurtures innovation and encourages entrepreneurial talents among students, members of faculty and people of the region. The Innovation Centre seeks to build an innovation network with multiple stakeholders like Industry, other institutions, RD Labs and others. This Centre will act as the focal point and will be able to leverage: ? The technology RD and problem solving strengths of the M.I.E.T. Incubation Forum ? The entrepreneurial spirit of the students and faculty ? Collaboration with local industry, NGOs and others ? The teaching and training capabilities of the M.I.E.T. Incubation Forum ? Government policy initiatives more efficiently

Provide the weblink of the institution
https://www.miet.ac.in/miet/assets/files/MIET%20Research%20Policy%202019-20-converted.pdf

8.Future Plans of Actions for Next Academic Year

Institute intends to achieve positive learning outcomes, including increased creativity and innovation, critical thinking, problem-solving abilities, teamwork, communication skills, increase in social and moral awareness, etc. Research is also a point of focus with improved and enhanced holistic and multidisciplinary education approach. The following points form the basis to achieve the above: 1. To improve university results. 2. To organize more skill enhancement trainings for increasing employability skills of students. 3. To increase number of campus placements. 4. Get NBA accreditations in more

departments. 5. To train faculty members in recent technologies 6. To increase the number of Ph.D. faculty members. 7. To increase the number of quality research publications. 8. To increase the number of faculty members involved in sponsored research 9. To give more emphasis on patents. 10. To commercialize 2-3 research innovations. 11. To give more emphasis on consultancy and funding. 12. To have more MoUs with industries and International collaborations. 13. To enhance the activities under the banner of Value Education Cell of M.I.E.T. (Also exists as Nodal Centre of the University). 14. To encourage more student participation in NSS. 15. To enhance the activities in the adopted villages under Unnat Bharat Abhiyan.