



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

MORADABAD INSTITUTE OF TECHNOLOGY

MORADABAD INSTITUTE OF TECHNOLOGY RAM GANGA VIHAR, PHASE-2
244001

www.mitmoradabad.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Moradabad Institute of Technology (MIT) was established in the year 1996 by Moradabad Educational Trust with a motive to develop industry ready professionals with values and ethics for global needs. Right from the beginning Institute has been led by eminent academicians from reputed universities. Its foundation in the terms of academics, infrastructure and placement was laid very strongly and it continued to grow upon that. Presently MIT is one of the leading institutes in Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow.

Institute was among the first three self-financed Technical Institutes of U.P., established under the Self-financing Scheme of Govt. of India. Institute started with a modest intake of 140 students with three B.Tech. programmes. Presently Institute is having five B.Tech. programmes viz. Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, Electrical Engineering and Civil Engineering. Besides B.Tech. programme, the Institute is also having MBA programme.

The institute is situated in heart of the city with lush green environment, covering an area of 13 acres land consisting of five Academic Blocks and a number of well-equipped state-of-art Laboratories. Institute is nurtured by a group of dedicated, hardworking and qualified faculty members. Institute has highly efficient and dedicated Training & Placement Cell, Wi-Fi campus, centrally air-conditioned Auditorium and Seminar Halls, Accounts & Administrative Section, Indoor & Outdoor games facilities, separate boys & girls hostel and Canteen.

In 2004, for the first time, Institute was accredited by the National Board of Accreditation (NBA) for three of its departments namely Computer Science & Engineering, Electronics & Communication Engineering and Mechanical Engineering. In 2008, five programmes, while in 2013, three programmes were accredited by NBA. It provides highly conducive environment for education, knowledge, research, innovation and skill (EKRIIS). MIT stands for “Motivation, Innovation and Transformation” which symbolizes true meaning of education.

The alumni of the Institute are working all over the globe in leading MNCs and industries of the world like ISRO. They have shown their mettle, in exploring engineering and software marvels. MIT is marching ahead on glorious path of academic excellence.

Vision

To develop industry ready professionals with values and ethics for global needs.

Mission

- To impart education through outcome based pedagogic principles.
- To provide conducive environment for personality development, training & entrepreneurial skills.
- To induct high professional ethics and accountability towards society in students.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- The Institute is situated in the heart of Moradabad city. Good infrastructure with a campus of 13 acres land with lush green environment consisting of four academic blocks dedicated for engineering education.
- The Institute receives full-fledged support and academic flexibility from the Management. Institute has a well-defined organizational structure of governing body and management to make effective decisions.
- The Institute has highly experienced, dedicated & well-qualified faculty members.
- The Institute provides ample opportunities and facilities for research and development along with well-equipped laboratories.
- Institute also possess two state-of-the-art Linguistic Laboratories.
- Institute campus is safe for students and is ragging free.
- Excellent sports facilities for students under the guidance of trained staff.
- National and International Seminars, Workshops and Conferences are organized from time to time so that students and faculty get exposure by participation, and exchange their views with academicians, industry participants, researchers and scientists.
- Institute is having facilities like boy's and girl's hostels, playgrounds, gymnasium, mess, ATM, Xerox, Stationary store within the campus.
- Institute has collaboration with IIT Bombay for spoken tutorial to learn latest technologies.
- Institute is working as Nodal Center for Value Education Cell AKTU Lucknow.
- Institute is having NPTEL and IET Local Chapter.
- Institute have MOU's with various Industries to provide training to the students.
- Swayam Prabha channels are available for the students as well as faculty members in the Institute premises.
- Entrepreneurship Development Cell (EDC) is established in the Campus with the aim to generate awareness about entrepreneurship among students and faculty.
- Placement cell is being run for career development and providing them best opportunities for securing jobs in their respective technological field. Over the years, Institute is maintaining good placement statistics .
- Alumni is actively engaged in various activities of the institute such as placement, delivering guest lectures, interaction with students, organising industrial tours etc..
- Institute has successfully implemented Rain Water Harvesting, tree plantation, waste management system under the 'Go Green' policy.
- Institute promotes the aim of social welfare, develops character and inculcates discipline among the students via National Service Scheme (NSS).
- Institute publishes an International Journal, covering all the important areas of engineering & management.

Institutional Weakness

- The literary rate of Moradabad region is 56% as compared to Uttar Pradesh 67% and at national level it is 74%.
- Most of the students admitted in the Institute belong to either rural background or from small towns. A great effort is required to nurture the students, in order to maintain continuous academic excellence.
- In spite of best efforts of placement cell, job opportunities is lacking in some of the core branches.
- International funded research project is also needed.
- Institute needs more consultancies.

Institutional Opportunity

- Promotion of entrepreneurship development cell and start-ups within the Campus.
- Establishing centre of excellence for effective research and consultancy.
- Collaboration with more industries and institutes of repute.
- Effective involvement of alumni in the task of enhancing the employability of pass out students.
- Awareness among the masses about new technologies.
- To explore the possibility for 2F and 12B in UGC act.

Institutional Challenge

- Placements in Multi National Companies (MNC's) with higher pay band.
- Acquiring more number of Research projects.
- More awareness about technical education in rural masses of the area.
- Entrepreneurial development among students specially girls.
- Development of human values & professional ethics.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institute is affiliated to Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow. Some of the programs have been accredited thrice by National Board of Accreditation (NBA). The curriculum in the

institute is strictly adhered as prescribed by the university. For the effective implementation of curriculum and to strengthen the teaching- learning process various methods are adopted.

Advanced planning of Academic calendar and activities are done in accordance with the University schedule. To enhance the student's learning and providing the knowledge about industry needs, advances in the technical world and practical applications, a series of guest lectures by learned Professors/ Scientists / Executives from IITs/NITs/Industries are organized time to time by all the disciplines.

Teacher-Student bonding is enhanced by developing mentor-mentee relationship between a faculty and a batch comprising about 20 students. The records of all counseling are maintained by the student counselors. Central library provides all modern facilities and resources in the form of CD-ROM, online database, books, journals, reports etc. All the departments have their respective departmental libraries along with a state of art central library. Swayam Prabha channels are also available for the students as well as faculty in the institute premises. Effective implementation of the curriculum is periodically reviewed by continuous evaluation of students through class tests, viva/ seminars etc. and the record of these are maintained properly. Industrial Visits and industrial training programs provide opportunity to the students to cope with changing world.

Teaching-learning and Evaluation

After completion of admission process, an orientation program, as prescribed by AICTE, is organized every year for first-year students before of the commencement of 1st semester. During orientation program, students are provided with the information related to academics code & conducts and various activities of the Institute. Institute follows Outcome Based Assessment System for evaluating the performance of the students on regular basis. Students are provided with assignment sheets after completion of every chapter or some topics. Learning level of students is determined by their performance in Class Tests. Based on CT marks, slow and advanced learners are classified and groomed according to their learning abilities.

Awards and appreciation are extended to the advance learners to enhance their performance in the University examinations. Special facilities are provided to all bright students. Separate special classes for weak students are arranged after first CT itself to clarify doubts and re-explaining of difficult topics.

Regular monitoring of their performance is done by class room performances, assessments and tests etc. The internal assessment is done totally on the basis of evaluation scheme provided by the university. Institute follows Bloom's taxonomy model to define course outcomes. A departmental committee is formed for collection of feedback forms from students at the end of every semester. As part of curriculum, Institute has established two Linguistic labs, well equipped with extensive superior quality English learning software, to improve language and communication skills of students.

Research, Innovations and Extension

Research and development cell help students to transfer their innovative ideas into their projects and develop their entrepreneurship skills. Several bodies like ISTE, IEI chapters are registered for conducting professional activities and to try for sponsored grants for research projects. The Institution of Engineers (India) organized All India Seminar on Recent Advances in Electronics Design, Technologies & Applications, 20th – 21st April, 2018 (EDTA-2K18). A number of faculties had published and presented good quality papers in it.

The Institute organizes number of extensions programmes like blood donation camp, Swachh Bharat Abhiyaan, health checkups, career guidance and yoga camps etc. Faculty and students are encouraged to visit research-oriented labs and industries to carry out their major projects to improve their practical exposure and skills.

Infrastructure and Learning Resources

The Institute maintains sufficient budget for providing and maintaining the required infrastructure and learning resources. Institute Campus is spread in an area of 13 acres, comprising of all the basic facilities required for implementation of effective teaching – learning process. Institution is having sufficient number of well-equipped spacious classrooms with good ventilation for conducting theory classes. Classrooms have green or white board with proper visibility. Institute has well equipped auditorium, seminar halls and conference rooms for the conduction of guest lectures, seminars, conferences and workshops.

All the departments are having facilities such as LCD projectors, computers and laptops. There is sufficient computing facility available for students, faculty and staff members in the Institute. Institute is having both, the broadband as well as Wi-Fi in the campus and these facilities are updated from time to time as per the requirement. Recently, Institute has upgraded its Wi-Fi Network infrastructure by switching to professional Altai access points for better performance and coverage. All blocks of Institute including hostels and guest house have been covered by Wi-Fi facilities.

Well equipped Sports facilities, Yoga and Cultural activities are available in the Institute. Institute is also having Gymnasium with a number of instruments like multi-station, bench, cycle, jogger, rod etc.

Student Support and Progression

The Institute has enough facilities to enhance academic performance and overall personality development skills in students. The Institute awards medals and certificates to all the student achievers in curricular, co-curricular and extracurricular activities. The students participate actively in various academic and administrative committees. The Institute encourages capability enhancement and development schemes like career counseling, higher education, guidance for competitive examinations, soft skill development for the benefit of students.

The Institute has discipline and grievance redressal committee to address the problems of the students, staff and helps to resolve the issues at the earliest possible. Training and placement cell maintain good relationship with Industries and companies to assist in career guidance and better placements for students. Institute have bifurcated student council into various student societies on departmental level. The main aim of students' societies is to provide them a common platform for curricular and extra-curricular activities.

Alumni are the brand-ambassadors of the Institution. Esteemed alumni of the Institute are contributing continuously in a very great manner which is very helpful for the current students. They are assisting students through specialized lectures, personal interactions, industrial trainings, providing job opportunities, mentoring them in making their projects etc.

Governance, Leadership and Management

The Governance of the Institute is strictly in accordance with the Vision and Mission of the Institute. All the

major decisions are taken by Board of Governors (BOG) which includes the Chairman and all other trust members. BOG of institute also includes senior faculty members. They take active participation in all the decisions taken for the development of the institute. Both, the Management as well as the higher authorities along with all the faculty members of the institution are working continuously for the overall growth of the institute.

The institute has a strategic plan which includes getting NAAC accreditation by 2020, NBA renewal by 2021, new improved ERP system by 2020, strengthening the campus facility, improving the teaching-learning process, providing Personality Development Programs for students, conducting more FDPs, enhancing the output in research, consultancy and Industry-Institute collaborations. The students as well as faculty members are encouraged to register for the NPTEL online courses initiated by IITs and IISc.

The institute has implemented a number of activities initiated by several Institute/Department Level committees. One of the prominent committees is the Internal Quality Assurance Cell (IQAC). IQAC is established in the Institute to maintain and enhance the academic environment. IQAC committee continuously reviews and monitors the teaching learning process. The IQAC members have discussed the Outcome Based Education (OBE) system. As a result of adopting OBE processes and evaluation methods, teaching learning process is made learner centric. OBE gives recognition to students for imparting knowledge, skills and attitudes they have acquired during their studies.

Institutional Values and Best Practices

Institute functions as per the guidelines of the regulatory bodies maintaining transparency. Institute encompasses various social responsibilities and universal values such as Integrity, Accountability and Humanity with best practices like Quality and Excellence to achieve its Vision of overall development of the students and staff. Institute offers course on Human Values and Professional ethics which enable students to have good code of conduct and values.

The institute is serving the community through its NSS activities. The NSS program aims to inspire students to involve themselves in social welfare activities to serve society without any prejudice. NSS volunteers work to ensure that everybody, who is destitute, gets help to upgrade their way of life and lead an existence of self-respect. For this Institute is taking a number of initiatives for adopting green practices and to develop eco-friendly environment such as non-smoking tobacco free campus, Rain Water Harvesting, solar plant etc. Institute is developing such a system so as to minimize the use of paper by keeping e-records. Major part of the Institute campus is covered with the trees and plants. These trees and plants provide pollution free environment, shade and fresh air. To enhance national integration Institute organizes both National Festivals and Birth/Death Anniversaries of great Indian Personalities with complete enthusiasm.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MORADABAD INSTITUTE OF TECHNOLOGY
Address	Moradabad Institute of Technology Ram Ganga Vihar, Phase-2
City	Moradabad
State	Uttar pradesh
Pin	244001
Website	www.mitmoradabad.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Dr. Rohit Garg	0591-2452412	9837244588	0591-2452207	director@mitmoradabad.edu.in
IQAC / CIQA coordinator	V. Singh	-	9917466173	-	drvsingh@mitmoradabad.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	20-11-1996

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Uttar pradesh	Dr Apj Abdul Kalam Technical University Uttar Pradesh Lucknow	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	29-04-2019	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Moradabad Institute of Technology Ram Ganga Vihar, Phase-2	Urban	13.012	18376.34

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	172
UG	BTech,Civil Engineering	48	Intermediate	English	60	20
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	60	18
UG	BTech,Electrical Engineering	48	Intermediate	English	30	28
UG	BTech,Mechanical Engineering	48	Intermediate	English	60	38
PG	MBA,Management	48	Graduation	English	60	31

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	8				12				147			
Recruited	8	0	0	8	11	1	0	12	102	45	0	147
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				73
Recruited	68	5	0	73
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				73
Recruited	68	5	0	73
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	66	0	0	66
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				66
Recruited	66	0	0	66
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	0	0	7	1	0	10	8	0	33
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	4	0	0	92	37	0	134
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	221	6	0	0	227
	Female	48	1	0	0	49
	Others	0	0	0	0	0
PG	Male	18	0	0	0	18
	Female	13	0	0	0	13
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	93	57	43	42
	Female	19	17	10	4
	Others	0	0	0	0
ST	Male	1	1	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	170	97	95	70
	Female	22	24	9	12
	Others	0	0	0	0
General	Male	255	207	140	133
	Female	83	81	58	46
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		643	484	355	307

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
300	305	322	318	312
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
6	8	9	10	11

2 Students

2.1

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1616	1982	2402	2846	3003
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
226	303	439	498	528

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
541	672	745	825	674

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
167	180	244	268	263

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
167	180	250	268	270

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 46

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
940.48	688.88	848.12	1046.34	1149.56

4.3

Number of Computers

Response: 485

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Response:

The Institution is affiliated to Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow and accredited thrice by National Board of Accreditation (NBA). The curriculum in the institute is followed as prescribed by the university. For the effective implementation of curriculum and to strengthen the teaching- learning process the following methods are adopted:

- Planning of Academic calendar and activities are done in accordance with the University academic calendar.
- Objective driven teaching plans are articulated in advance by faculty members.
- All the faculty members maintain course file, which includes Vision and Mission of Institute and Department, course outcomes, lecture plan, notes of subject, question bank, performance details of the students etc.
- To enhance the student's learning and providing the knowledge about industry needs, advances in the technical world and practical applications, guest lectures by learned Professors/ Scientists / Executives from renowned Institutes/ Industries are organized from time to time by all the departments.
- Teacher-Student bonding is enhanced by developing mentor-mentee relationship between the faculty and students.
- A timetable is prepared in the beginning of the semester in alignment with evaluation scheme and academic calendar of the university.
- Our aim is to develop overall personality of individual student, so we provide them various opportunities for personality development by offering them Personality Development Classes in addition to regular curriculum.
- Central library provides all modern facilities and resources in the form of books, journals, magazines and e-journals etc. It subscribes number of printed journals in the field of technology, sciences and management. In addition to central library, each department has its own departmental library.
- Swayam Prabha channels are also available for the students as well as faculty in the institute premises.
- Students are provided with innovative teaching techniques such as NPTEL lectures, various videos lectures, surveys, case studies etc.
- Effective implementation of the curriculum is periodically reviewed by continuous evaluation of students through class tests, viva/ seminars etc. and the record of these are maintained properly.
- Industrial Visits and industrial training programs provide opportunity to the students to cope with changing world.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Response:

The institute adheres to the academic calendar of the University. Beforehand planning of Academic calendar is done in accordance with the University for any academic session. This helps both, the faculty as well as the students to ensure effective time management. In an academic year, keeping in mind the dates prescribed in academic calendar of the University, the Institute prepares its own academic calendar twice a year i.e., for each semester separately. The academic calendar is displayed on the notice boards of the institute to provide information to the students. It contains following informations to make teaching and learning process effective.

- Academic calendar contains all the dates related to registration of students.
- Dates of commencement of classes and completion of semester are mentioned in the academic calendar.
- The faculty members prepare their course file containing syllabus, lecture schedule, assignments, tutorials, lesson plan etc. before the commencement of classes for a particular semester. Monitoring of implementation of lesson plan is done by the departmental HODs.
- The tentative dates of all the three class tests are mentioned in the academic calendar. It has been taken care of that the students get proper time between the two consecutive class tests. It helps the students to prepare well in advance for further class tests.
- Compilation of the attendance of the students is done as per the dates specified in the Academic calendar. It helps the class OCs to identify the students having short attendance and notify the attendance on the notice board. Parents are also informed regularly through letters and phone calls.
- Schedule for submission of the evaluated CT copies to the Nodal centre is also mentioned in the academic calendar. Class OC is responsible to send the report to parents about the performance of the students.
- Filling of the students and teacher feedback form dates are also mentioned in the academic calendar.
- It provides the information about the dates for filling of choices for elective subjects to be offered to the students in upcoming semester leading in preparing time table for next semester.
- Academic calendars have last date of finalizing and submission of the internal marks.
- It also contains all the tentative dates related to the theory exams or end semester exams as scheduled by the university.

The academic calendar is the mirror of the academic activities of the Institute. It helps all the faculty members to maintain a high standard through CIE. It also ensures the proper and timely functioning of all the activities.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document

1.2 Academic Flexibility

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

Response: 100

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

Response: 6

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 6**1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.**

2018-19	2017-18	2016-17	2015-16	2014-15
2	1	1	1	1

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years**Response: 10.72****1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
289	276	165	256	178

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment**1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum****Response:****Response:**

- All the students are provided with same facilities in the campus and the hostel. Both boys and girls, separate hostels are in premises of the Institute and have same facilities.

- Institute has various internal complaint committees such as Woman Task Force & Gender Sensitization, Prevention and prohibition of Sexual Harassment of Women Employees and Students, Committee for SC/ST (prevention of Atrocities) act 1989, Anti ragging Committee etc. to resolve any dispute if occurs.
- Institute provides equal opportunity to all the students in terms of admission, training & placement, projects etc. No discrimination is made on the basis of gender (boy/ girl) with any of the student.
- Various curricular, extracurricular and co-curricular activities are performed in the Institute such as paper presentation, technical quiz, different sports, group discussion etc. Both boys and girls work in various capacities in departmental societies.
- Institute promotes improvement of women's personal, educational or spiritual conditions not only within the Institute but also by outsourcing various activities such as Amar Ujala organized 'Aparajita' for the awareness about cyber-crimes.
- Students are always inspired to participate in the activities organized outside the Institute on topics such as women upliftment, environmental issues, moral and social values etc.
- Various activities are conducted by NSS to make student aware about environmental issues such as
 - Plantation at different places in Moradabad and nearby villages used to be done from time to time.
 - Various activities such as cleaning, health camp, blood testing etc. are conducted under Swachh Bharat Program.
 - A 'Cycling Activity' was organized in order to control noise and air pollution.
 - Water Day, Earth Day, Environment Day etc. are also celebrated.
- Students are taken for the industrial visits to understand the environmental related problems existing there, so that they can make projects to overcome those problems.
- Institute has Linguistic lab in which presentation and group discussion is done by the students related to various popular topics such as women empowerment, global warming, social and moral ethics etc.
- Institute is working as Nodal Center for Value Education Cell AKTU Lucknow. The curriculum includes many subjects on Environmental Science and Human Values and Professional Ethics such as
 - **Environment & Ecology**
 - Definition, Scope and Importance of environment
 - Natural Resources
 - Environment Pollution and their effects
 - Environment Protection
 - **Environmental Engineering-1**
 - Water Supply
 - Transmission of Water
 - Capacity of distribution Reservoirs
 - Flow of Sewers
 - **Universal human Values and Professional Ethics**
 - Course introduction- Need, Basic Guidelines, Content and Process for Value Education.
 - Understanding Harmony in the Human Being- Harmony in Myself!
 - Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship.
 - Understanding Harmony in the Nature and Existence-Whole existence as Co-existence.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 37.67

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
118	121	117	116	114

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 34.53

1.3.3.1 Number of students undertaking project work/field work / internships

Response: 558

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2) Teachers 3) Employers 4) Alumni

Response: A. All of the above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 64.25

2.1.1.1 Number of students admitted year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
307	355	484	643	788

2.1.1.2 Number of sanctioned seats year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
450	606	876	996	1056

File Description

Institutional data in prescribed format

Document

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 57.15

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
128	157	196	305	377

File Description

Average percentage of seats filled against seats reserved

Document

[View Document](#)

2.2 Catering to Student Diversity

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

Response:

Response:

The admission for degree level engineering course and other professional courses are taken through the common entrance examination (Uttar Pradesh State Entrance Examination) conducted by the Dr. A.P.J. Abdul Kalam Technical University (APJAKTU) Lucknow.

- For admission against vacant seats after UPSEE counseling, we offer admission to the students on the basis of the rank of the student secured in current year's UPSEE and also on the basis of percentage of the student in 12th standard, and also through any other national level entrance examination.
- An orientation program, as suggested by AICTE, is organized for first-year students before of the commencement of 1st semester. During orientation program, students are provided with the information related to academics and various activities of the Institute.
- Orientation program is followed by induction program organized for the first-year students. It helps them to interact with the faculty members and fellow seniors.
- Class OCs are appointed to keep record of attendance, performance in Class Tests (sessionals) and every activity of the student in the class.
- Learning levels of students are determined by the performance of students in Class Tests. Based on CT marks slow and advanced learners are identified.
- Institute follows the Outcome Based Assessment System for evaluating the performance of the students on regular basis.
- To keep close eye on each and every student, faculty counselors are appointed for a batch of nearly 20 students. They take care of performance, attendance and all other issues related to an individual through regular counseling.
- Students are provided with assignment sheets after completing one chapter or some topics. After evaluating these subjects, teachers can identify the advance learners and slow learners in class.
- Along with the regular classes, some extra classes are scheduled in the time table for every subject. This provides faculty to explain the topic in elaborated form with various examples.

Programs for advance learners

- Awards and appreciation are extended to the advance learners by the Director and university, to perform better in the University examinations. They are felicitated time to time for their achievements.
- Special facilities are provided to all the bright students. For example, after evaluating the performance of 1st CT, the top ten students of every section are provided with additional facilities in library.
- Students with good academic performance are encouraged to pursue various online courses such as NPTEL courses.

Programs for Slow learners

- Separate special classes for weak students are arranged after first CT. It helps in clarifying the doubts and re-explaining of difficult topics to such students.
- Regular monitoring of their progress is done by observing their performance in lectures, tutorials and labs.
- Students are provided with reading material and notes to improve their understanding power.
- Parents are informed about the performance of their ward on the regular basis.
- A Question Bank of each subject, based on the previous year's question papers, is provided to the students for better preparation.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

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

Response: 10:1

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Response:

The Institute is affiliated to Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow. So we have to follow the syllabus as prescribed by the university. Scope of designing and changing the format of the curriculum is very limited. However, the Institute takes all measures to enhance learning experiences of it's students.

- Some special classes are scheduled for every subject along with the regular classes in time table. This exercise provides some extra extended time to faculty for re-explaining of difficult topics, discuss various examples and clarify the doubts of students.
- ***Guest lectures***
 - By academicians from reputed institutes such as IITs, NITs etc. are organized by respective departments, to impart knowledge beyond the prescribed syllabus and latest technologies.
 - By experts from the industry, provides an opportunity to the students to cope with changing world. Students come to know about the demands of the industry and the practical problems

- of prevailing in industry. It helps them to select their projects and shape their future smartly.
- National and International Seminars, Workshops and Conferences are organized so that students get exposure to participate and exchange their views with academicians, industry participants, researchers and scientists.
 - Students are encouraged to participate in Inter-collegiate programs such as project contests, **literary events, sports and cultural events**, symposiums etc. at various locations to bring out their potential. Some of such events are
 - Smart India Hackathon-2018
 - Innovation gallery at AKTU, Lucknow
 - India Innovation Challenge Design Contest (IICDC)
 - Technical, Literary and Management Fest by AKTU.

Institute encourages students to develop knowledge, skills, and values from direct experiences outside a traditional academic setting of merely delivering lectures. A variety of activities are done to promote experiential learning such as internships, live projects, research papers, industrial tours, and other creative and professional work experiences through NSS events.

In Institute the relationship between students and teachers is based on mutual learning process. In which teachers and students co-create a trusting and innovative learning environment and make use of a variety of teaching methods such as case studies, discussions and role plays, based on the needs of the learner and the desired outcomes. Faculty members adopt a participatory teaching approach in classroom by encouraging students to think for solutions themselves. Students actively contribute in teaching and learning, rather than passively receiving information from faculty members without understanding. Faculty members involves students by using examples and citing situations of their interest and giving examples related to practical experiences in their daily lives, and using a variety of new, enjoyable, and often visual teaching methods.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Response:

Researchers have suggested that the use of ICT tools improves the teaching-learning methods and provides the positive impact on students so as to enable them to achieve new heights in their career. Imparting the education using these tools enhances the presentation skills, knowledge and innovative capabilities of the students. In this technologically rich era, we need to update our teaching-learning methods. In order to

provide the same, Institute is using the various tested ICT tools for enhancing teaching-learning process. To make teaching-learning more effective, Institute is adopting various techniques such as:

- Most of the classrooms are enabled with facilities of Internet (LAN) and Wi-Fi.
- Some of the classes are equipped with the smart boards.
- Multimedia teaching aids like LCD projectors, laptops etc are also used in classroom teaching.
- The electronic resource packages like National Programme on Technology Enhanced Learning (NPTEL) and SPOKEN TUTORIAL are available for students as well as for faculty members to get themselves updated as per current scenario. Institute is the local chapter of NPTEL.
- Swayam Prabha channels are also available for the students as well as for faculty members in the Institute premises.
- Seminar halls are equipped with multimedia facilities using ICT tools.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

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

Response: 19:1

2.3.3.1 Number of mentors

Response: 84

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 99

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 16.26

2.4.2.1 Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
33	32	37	39	37

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

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

Response: 9.75

2.4.3.1 Total experience of full-time teachers

Response: 1627.8

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Response:

Internal assessment plays an important role in the overall performance of the students. It not only provides the platform to the students to prepare for external examinations but also make them understand and work accordingly to minimize their mistakes. It provides them an opportunity to discuss their answer sheets and shortcomings with their subject teachers. The Institute understands the importance of the internal assessment based on the internal examinations so following measures is being taken:

- As per the University norms the institute has to conduct two CTs, but for the benefit of students, Institute conducts three CT's of 15 marks each. In order to provide maximum benefit to the students, best two among all CT's are considered for internal assessment.
- The CT paper is strictly set in accordance with the university format mentioning COs against every question. This helps students (especially first year students) to make them comfortable for giving end semester external examinations.
- Class test paper contains both, numerical as well as theory portion.
- For the effective implementation of class test the results are declared within a week time and all the class test copies are shown to students and preserved in nodal centre.
- It is mandatory to discuss answers of CT's paper with the students while showing them evaluated answer sheets. It helps the students to know their mistakes. The class test performance helps the students to improve for future planning.
- The record of all the three CT's conducted is compiled for calculating sessional marks.
- For the proper assessment, tutorials and assignments are provided to the students and collected back for evaluation. This helps the concerned teacher to maintain complete transparency while giving teacher's assessment marks.
- To ensure the effective internal assessment, the internal examination and viva-voce of the labs are conducted at the end of semester.
- Attendance of students is also taken into consideration while finalizing the internal marks.
- Finalized internal marks for both, theory as well as practical are verified by the Head of Departments before finally uploading on the university portal. After uploading the internal marks they are required to be checked, authenticated and dully signed by the Director of the institute.
- Both, the mini-projects as well as the major-projects are reviewed by the internal guide, project coordinator and HODs.
- Student feedback process is repeated in every semester.
- A departmental committee is formed for collection of feedback forms from students. The teacher assigned should not be teaching the same class. The collected feedback forms along with the summary are submitted to HOD in sealed envelope.

After completing one academic session every faculty member fill a Self Appraisal Form (SAF). The SAF includes every detail of work a teacher has done in the same academic year. The details of SAF are submitted to Director. The confidentiality is maintained. Necessary actions can be taken based on SAF including appraisal and penalty.

File Description	Document
Link for additional information	View Document

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

Response:

Response:

The institute takes care of grievances (if any) related to examination. To follow the transparency in the examination related issues, Institute takes following measures

At Institute level:

- Students are informed about the evaluation process by Dean Academics on their very first day in Institute i.e. Orientation Day.
- Internal marks for all the subjects are uploaded on the web portal of Dr. A.P.J. Abdul Kalam Technical University (APJAKTU), Lucknow.
- Attendance of the students is also uploaded on the university web portal on daily basis which can be cross checked by students.
- Class Test's answer sheet are checked and shown to the students within a week time after conduction of class test. Students are free to discuss their problems and discrepancies in front of their subject teachers. Teachers are bound to resolve the discrepancy, and the necessary corrections will be done at the same time.
- Student can discuss their problem with the HODs also if they are not getting satisfied by concern teacher.

At university level:

University provides an opportunity to the students to express any grievances related to examination. They can apply directly to the university by following reevaluation procedures:

- **SCRUTINY:**

Student can apply for scrutiny within 10-15 days (as per the circular from the university). In this procedure the re-counting of the marks is done and the result is announced as per the university norms.

• **CHALLENGE EVALUATION:**

Student can apply for challenge evaluation after the declaration of result. They can apply for the same within 10-15 days (as per the circular from the university). Students can directly apply for challenge evaluation through their login. In this procedure, their copy is re-evaluated. In the previous years, the entire fee for this was used to be refunded to successful students but now at present it is non refundable.

File Description	Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

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

Response:

Response:

Mechanism of Course Outcome Communication:

The college explicitly stated the course outcome of the various programs and courses. The following mechanism is followed by the institution to communicate the course outcome prepared by the professors.

1. The college being affiliated to AKTU Lucknow and the affiliating university would provide the course outcome of every subject on the website. Additionally, the professors would have the liberty to edit the course outcome depending on individual acumen, with an approval from the HOD.
2. The hard copy of the curriculum and the course objectives would be available in the departmental library for reference for the professors as well as the students.
3. The outcome of every program and course would be communicated to the students by the faculty in classrooms, tutorials and labs.
4. The significance of the course outcome would be communicated to the faculty by the HOD timely in the department meetings
5. The course outcome would also be available in the course file of every course.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document

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

Response:

Response:

Attainment ensures the systematic collection of assessment data for improving the effectiveness of our program and to demonstrates to stakeholders, how well our students are performing with regard to the learning outcome. Attainment level is to be measured in terms of student performance through direct and indirect methods.

Direct Methods:

- These methods are provided through direct examinations:
- Teacher's Assessment, Sessional Examination, End Semester Examination, Practical/ Lab Courses, Projects, Seminar, Industrial Training.
- Average attainment in direct method = (0.8) End Semester Examination + (0.2) Internal examination

Indirect Methods:

- Graduate exit survey (X1)
- Student's participation in co-curricular activities (X2)
- Student's placement, higher study and entrepreneurship (X3)
- Average attainment in indirect method = $(X1+X2+X3)/3$
- PO / PSO Attainment (%) = $0.8 \times (\text{Average attainment in direct method}) + 0.2 \times (\text{Average attainment in indirect method})$

Attainment of Course Outcome

- The department is accountable to calculate the attainment level obtained by a student for a particular subject. The student's performance would be mapped by the respective COs, who would also be responsible for assessing the attainment level of the specific CO of the subject.

For university Examinations (A):

- Attainment Level 1: 38%- 60% students scoring more than 38% of maximum marks in the final university examination.
- Attainment Level 2: 61% - 79% students scoring more than 38% of maximum marks in the final university examination.
- Attainment Level 3: 80% or more students scoring more than 38% of maximum marks in the final university examination.

For Internal Assessments (B):

- Attainment Level 1: 60% - 69% students scoring more than 60% marks out of relevant maximum marks.
- Attainment Level 2: 70% - 79% students scoring more than 60% marks out of relevant maximum marks.
- Attainment Level 3: 80% or more students scoring more than 60% marks out of relevant maximum marks.

Attainment Calculation (C)

$C = (66.67\% * A + 33.33\% * B)$ for Theory

$C = (60\% * A + 40\% * B)$ for Practical

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 93.59

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
501	660	730	816	662

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
541	672	745	825	674

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.42	
File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 68.9

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0.40	5.20	6.47	56.83	0

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 2.4

3.1.2.1 Number of teachers recognized as research guides

Response: 4

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 22.22

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2	3	1	2	0

3.1.3.2 Number of departments offering academic programmes

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	7	8	9

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

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

Response:

The Institute believes that Knowledge, Research, Innovation, and Skill development are the main tools for the nation building and all are committed to meet the expectations. An 'Innovation cell' with a purpose of systematically fostering the culture of Innovation has been established in the College. In the simplest term, Innovation could be defined as converting ideas into new or improved products, processes and services. Undoubtedly, Innovation is about taking inventions to market place by translating scientific knowledge into products, services and offerings for economic growth and social development. The purpose of the cell is to encourage, inspire and nurture young students by exposing them to new ideas and processes resulting in innovative activities in their formative years. The cell is the bridge between the real world and the institute related to "Innovation and Entrepreneurship Development" amongst students and faculties. Cell focuses to reorient mind-set of students and build ecosystems to encourage high quality research, innovation and entrepreneurship and is very much helpful to guide students about latest entrepreneurial schemes. Cell further set guidelines and directions for future development of students for making them globally competitive and in forefront of innovation.

The Functions of Incubation/Innovation Cell include

- Harness creativity & expertise of students
- Spark institute-level hackathons
- Build funnel for 'Startup India' campaign

- Crowd source solutions for improving governance and quality of life
- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 7

3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
03	01	01	02	0

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 1.25

3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Response: 5

3.3.1.2 Number of teachers recognized as guides during the last five years

Response: 4

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.68

3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
75	54	74	117	56

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.13

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

2018-19	2017-18	2016-17	2015-16	2014-15
12	4	7	2	4

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

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

Response:

Response:

- The program aims to teach social welfare in students and to serve society without any prejudice. NSS volunteers work to guarantee that everybody who is destitute gets help to upgrade their way of life and lead an existence of respect. In doing as such, volunteers gain from individuals in towns how to have a decent existence regardless of a shortage of assets. It likewise gives assistance in regular and man-made debacles by giving nourishment, dress and emergency treatment to the calamity exploited people.
- National Service Scheme (NSS) Unit of Moradabad Institute of Technology, Moradabad is working since November 2004. Students (Boys and Girls) of different streams are selected for need-based social exercises similarly as practicable generally within the village community. They are prepared to set up their attitude for various social works and mindfulness against maltreatment among the adolescent, aversion of female feticide and to advance education. Every year 2 units of 100-100 students are formed.
- Our NSS volunteers organize yoga programs which help to oversee worry through breathing, mindfulness, contemplation and sound development. It additionally helps us to improve concentration, self-confidence, increase positivity.
- Furthermore, the Institute has a mineral water plant to supply cleansed water. The institute gives dispensary benefits through experienced and well-qualified specialists.

Objectives:

- To enable the students to understand the community in which they work.
- To understand themselves in relation to their community.
- To identify the needs and problems in the community and explore how to solve them.
- To develop among themselves a sense of social and civic responsibility.
- To apply education- find practical solution to individual & community problems.
- To develop competence required for group living and sharing responsibilities.
- Gain skills in mobilizing community participation.
- To acquire leadership qualities and democratic attitude.
- To develop capacity to meet emergencies and national disasters.
- To practice national integration.

File Description	Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
00	0	0	0	00

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 44

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

2018-19	2017-18	2016-17	2015-16	2014-15
10	14	5	7	8

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years**Response:** 1.03**3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
30	15	32	15	20

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration**3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 0**3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	0

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses

etc. during the last five years

Response: 13

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

2018-19	2017-18	2016-17	2015-16	2014-15
4	9	0	0	0

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Response:

Campus of our college is spread over an area of 13 acres comprising of all the basic facilities required for effective teaching -learning process. We have lush green, spacious and an eco- friendly campus. College is having five blocks. The various facilities available are mentioned below

- Classrooms:

Institution is having sufficient number of well-equipped, with good ventilation and spacious classrooms for conducting theory classes. Classrooms have green or white board with proper visibility. All the classrooms are furnished with fans, LAN or Wi-Fi facility.

- Tutorial Rooms:

Tutorial rooms are very important part of teaching-learning process. They provide opportunity to the faculty members to have interactive session with students. Faculty address the doubts and queries of students. College is having sufficient number of tutorial rooms. They have green or white board, fans and LAN or Wi-Fi facility.

- Laboratories:

The Institution is having laboratories as per the regulations of AICTE and Dr. A.P.J. Abdul Kalam Technical University (APJAKTU) curriculum. All the laboratories are well-equipped with requisite softwares and equipments to conduct experiments. Additional equipments are also available so that students can enhance their practical skills.

- Auditorium, Seminar Halls and Conferences Rooms:

Our college has auditorium, seminar halls and conference rooms for organising guest lectures, seminars, conferences and workshops by students and faculty. All are equipped with the required facilities such as whiteboards, stage and public addressing system, internet facilities etc.

- Library:

Central Library is one of the central support services of institute. The mission of the central library is to provide information services and access to bibliographic and full text digital and printed resources to support the scholarly and information needs of the institute community. The central library is well equipped with all modern facilities and resources in the form of CD-ROM, Online database, books, journals, standards, thesis, and reports etc. It has fully computerized operations and services. Central

library is committed to provide a world class information support to its users. It has a rich collection of more than 82,000 documents which include books and bound volumes of periodicals. The collection is mainly strong in science & technology. However substantial quality information sources on humanities and social sciences are also available. We are currently involved in utilizing the networked information resources for providing recent and most comprehensive access to e- journals, e-books and other e-reference resources to the faculty, student, staff, industries, and alumnus under intranet and internet environments.

- Computing Equipments:

All the required computing facilities such as computers, printers, routers, firewalls, switches, projectors etc. are available in the institute to provide better E-learning facility.

File Description	Document
Upload any additional information	View Document

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

Response:

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

Response:

Sports, gymnasium, yoga and cultural activities are very important for the comprehensive development of an individual. MIT provides all these facilities to its students. Our students excel in these activities. There are various societies such as MITSA, Hobbies Club, Literary Society, Cultural Society, Event Management Committee etc. These societies are working efficiently for the overall development of the students.

SPORTS AND GAMES

- Institute is having spacious playgrounds.
- College has two playgrounds with area of 6406.4 sq. meters and 4207.5 sq. meters.
- We have two Volleyball Courts with an area of 1189 sq. meters.
- There are three badminton courts with area of 162 sq. meters, 218.805 sq. meters and 237.36 sq. meters.

- Students are trained in games, athletics and gym under the guidance of qualified and specialized coaches.
- College is well equipped with both the indoor like chess, table tennis, carrom and badminton as well as the outdoor games such as cricket, football, volleyball etc.
- College provides sports facility separately in girls and boys hostel. Girl's hostel has separate volleyball and badminton court. Boy's hostel has facility of football, Volleyball and Badminton.
- We also have facilities for athletics. Students are trained for various athletics such as Discuss Throw, Javelin, Shot-Put, High Jump, Long Jump etc.
- College is also having Gymnasium with many instruments like multistation, bench, cycle, jogger, rod etc. facilities.
- Regular training for all the sports is provided to the students. The special focus is given on the talented and interested students. Talented students are selected through selection trials.
- All the selected students are trained and encouraged to participate in various competition including intra-college events, inter-university events, national events and international events.
- Yoga classes are conducted in college premises both for faculty members and students.
- College organize various sports events such as
 - Zonal level of Dr. Abdul Kalam Sports Fest.
 - Celebrations on International Yoga Day on 21st June every year.
 - Inter College Cricket Tournament

CULTURAL ACTIVITIES

- Under the Cultural Society College organize various competitions like dance and song (group and solo), band presentation.
- For encouraging students towards cultural activities, we have two other societies named Hobbies Club and Literary Society.
- Hobbies club organize various activities like rangoli, mehendi, collage making, painting etc.
- Events like debate, Words-Funtastic, Treasure hunt etc. are organized by the Literary society.

Some achievements in cultural activities:

Year	Name Of The Medal	Level	Aadhar / Student Id Number	Name Of The Student
2019	1st Prize	AKTU Zonal	1708210028	Ariz Anwar
2019	1st Prize	AKTU Zonal	1708210035	Bilal Malik
2018	1st Prize	AKTU Zonal	1408200068	Mohd. Yahya Az
2018	1st Prize	Cultural Fest "Thomso-18" IIT Roorkee	1708210028	Ariz Anwar

2017	1st Prize	AKTU Zonal	1608231058	Shantanu Aro
2017	1st Prize	AKTU Zonal	1408210024	Anjali Parmar
2016	1st Prize	AKTU Zonal		Deepanshi Chau
2015	3rd Prize Band	Cultural Festival "Kashiyatra-2015" IIT BHU	1300390	Bhanu Pratap
2015	Participation	Cultural Fest Manifest- Varchasva -2015" IIM Lucknow	1300390	Bhanu Pratap Si

File Description	Document
Upload any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 13.04

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 02

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 3.09

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
68.98	20.07	2.16	40.04	12.68

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

Response:

- Name of the ILMS software : LIBSYS
- Nature of Automation : Library is a Fully Automated
- Version : LSEase
- Year of Library Automation: 2004

Library has a rich collection of more than 82,000 documents which include books and bound volumes of periodicals. The collection is mainly strong in science & technology. However substantial quality information sources on humanities and social sciences are also available. We are currently involved in utilizing the networked information resources for providing recent and most comprehensive access to e-journals, e-books, e-patents and other e-reference resources to the faculty, student, staff, industries, and alumnus under intranet and internet environments. Library is fully computerized and using library management software LIBSYS.

Online public access catalogue is available in library for the use of students, faculty and staff members. OPAC provides access to the library holdings through various catalogue and indexes such as the author catalogue, the title catalogue, the subject catalogue and the classified catalogue. Also possible are words-based combination searches using Boolean operation that yields highly satisfying and precise result, however complex the query maybe. Besides the basic search strategies, OPAC also makes available to the patrons the newly added books and journals. In addition to this OPAC allow to the users to know about their account such as what is due on his/her account, what is due date for returning material etc.

Varies types of reports can be generated with the use of above mentioned software which is useful for various committees and inspections from time to time. Book database is created along with user's database.

Issue return process is fully automated and issues slips are kept as supporting documents for students and faculty. NPTEL Facilities provide for students & Staff.

Bar-coding used: Yes

Book issue and return is carried out with the help of barcode system. Each book and user's borrower card is barcoded.

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: B. Any 3 of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 7.26

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
2.71	3.74	12.45	7.24	10.16

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document
Any additional information	View Document

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

Response: 3.08

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

Response: 200

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Response:

Smart India is the vision of every Indian nowadays. Our students are playing major role in it and MIT is providing all the required facilities to the students. Most of the students like to carry devices such as mobile, laptops, iPods, tablets etc. with them to the campus. The plans for the development of the IT facilities are given top priority. College realizes the importance of these facilities for effective teaching-learning process. College is having Wi-Fi as well as LAN in the campus and these facilities are updated from time to time as per the requirement. The internet facilities provided by the college are as follows:

- **Bandwidth**

- Presently institute is having dedicated Internet Leased Line of *49 Mbps from City Broadband Network*. Earlier we were having Idea Leased line of 40 Mbps up to Aug 2019.
- In addition to the above said facility of broadband we also have one *40 Mbps internet link from BSNL*.
- Up to 2017 institute was having 40 Mbps and a 20 Mbps Connection from BSNL.
- In March 2018 the old 20 Mbps connection was upgraded to the new 40 Mbps connection of BSNL

itself and 40 Mbps connection of BSNL was replaced by 40 Mbps connection of Idea.

- **Wi-Fi Facility**

Institute is providing both outdoor and indoor facility for the Wi-Fi.

- **Outdoor Facility** - The Wi-Fi facility was first introduced in Jan 2010. We have spread Wi-Fi facility to the campus through Wavion Series Access Point.
- **Indoor Facility** -Previously we were providing Wi-Fi facility through Cisco and Dlink access points to most of the departments of MIT as per the requirement. In Sep 2017 we have upgraded our Wi-Fi Network infrastructure by switching to professional Altai access points for better performance and coverage.
- All blocks of the institute are covered by Wi-Fi facilities including girls and boys hostels.

- **Internet facilities for departments**

The Computers Labs and faculty cabins of all the departments are having internet facility.

- Our college is having many licensed software's. These are updated from time to time as per the requirement.
- All the departments are having facilities such as LCD projectors, computers and laptops. We are having 485 computers available for students and 568 total computers.
- College website is properly monitored and updated from time to time.
- For the effective utilization of IT facilities adequate and well qualified lab technicians/system administrator are appointed.

File Description	Document
Upload any additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 3:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 750 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 9.13

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

2018-19	2017-18	2016-17	2015-16	2014-15
120.57	48.28	18.73	101.78	159.59

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

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

Response:

Response:

Moradabad Institute of Technology takes care of maintaining all the facilities and infrastructure present in the premises. Annual budget is approved by the management for the maintenance of library, laboratory, sports complex, computers, classrooms etc. Following measures are taken to have proper check for maintaining and utilizing physical, academic and support facilities.

LABORATORY:

- Each laboratory is accessed before the commencement of the session for the maintenance of all the

equipments.

- Replacement of the old instruments by new ones, requirement of consumable and non-consumables item, updating the softwares etc. are done before the start of the session or semester.
- To have regular check on the laboratory, lab OC's are appointed by Head of Department.
- The stock register for the lab is maintained. It contains record about all the consumable and non-consumables items present in respective laboratory. It is verified by team of faculty members of the department as appointed by the Head of Department.

HOD
OC LAB
LAB ASSISTANT
LAB ATTENDANT

LIBRARY:

- For the maintenance of the library a committee is constituted including librarian and other members of library.
- In the beginning of the session the purchase of the text books and reference books is done as per the latest university syllabus.
- Regular monitoring of the text books, reference books, competitive examination books, journals, magazines, e-books and e-journals.
- Computerised records to avoid any confusion.
- The proper record of every visitors is maintained on daily basis.
- Library maintains user register to keep user records.
- Cameras are mounted for proper vigilance and to avoid any miss happening.

SPORTS ITEMS AND GYMNASIUM:

- Moradabad Institute of Technology is having well maintained infrastructure for sports like badminton, chess, carrom, basketball, volleyball, Discuss Throw, Javelin, Shot-Put etc. All the sports items are properly maintained and checked time to time.
- All the damaged items are discarded and new ones are purchased whenever required. It is the responsibility of the Moradabad Institute of Technology Sports Association (MITSA) in-charge and his committee members to take care of all the sports and gym items.
- Maintenance of all playgrounds, volleyball courts and badminton courts are ensured by the sports committee.

MITSA IN-CHARGE
SPORTS INSTRUCTOR

ASSISTANT**COMPUTERS:**

- To avoid any damage due to power outages all the computer systems and other sensitive equipment (servers, Projectors, Printers, Scanners) are provided with UPS systems.
- Antivirus and firewall are installed for the safety of the software and system.
- In order to maintain all the computer softwares, antivirus updates are done periodically.
- Regular maintenance of hardware items .
- All the computer labs are air conditioned.
- Staff, faculty members and students are provided with login credentials to access the internet facility.

CLASSROOMS

- The benches are cleaned and mopping of the class rooms is performed every day.
- Repairing or replacement of the classrooms boards and furniture are done whenever it is required.
- Curtains of classrooms are washed regularly.
- Fans and lights are checked and maintained by the electrician.

OTHER MAINTENANCE FACILITIES

- Several committees are constituted for the proper maintenance. The faculties are appointed as the convener and members of these committees. Some of these are

1. Infrastructure & Maintenance Committee
2. Institute Website/ Youtube/ Facebook page/ Twitter maintenance Committee
3. Institute Internet Facilities Maintenance Committee
4. Landscaping and Gardening Committee
5. Bus and transport Maintenance Committee
6. Monitoring Committee for Solar System
7. Rain Water Harvesting Committee

- CCTV cameras are installed in the institute premises for the security purpose. Security guards are appointed in order to avoid any malpractice.
- It is the responsibility of Registrar and his team to take care of all infrastructural facilities.
- House Keeping staff is appointed for the maintenance of cleanliness and hygienic conditions. To maintain the infrastructural, computing facilities and transportation we have sufficient numbers of staff members.
- Cleaning through water is done every fortnight in order to maintain the solar plant.

File Description	Document
Upload any additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 19.38

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2018-19	2017-18	2016-17	2015-16	2014-15
507	222	261	609	662

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	View Document
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	View Document

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: C. 2 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 0

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances

including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years**

Response: 46.63

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
297	232	379	279	398

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 9.61

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 52

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 9.2

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
27	1	7	4	1

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
85	93	80	116	103

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be

counted as one) during the last five years.

Response: 37

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

2018-19	2017-18	2016-17	2015-16	2014-15
5	0	18	14	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

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

Response:

Response:

Institute does not have any student council, but we are having various student societies. The main aim of students' participation is to provide them a common platform for co-curricular and extra-curricular activities. It empowers the students in learning execution skills and leadership qualities.

- Hostel Administration

Students provide strong support in the management of hostel affairs. Both the hostel has student members in mess committee. They help in the proper functioning of the mess.

- Institute has many other departmental and cultural societies in which students take active participation. It provides students to develop their personality and organizational skills. Institute has various students' societies such as
 - Computer Science Students' Society.
 - Electronics Engineering Students' Society.

- Electrifying Students' Society.
- Mechanical Engineering Students' Society.
- Entrepreneurship Development Cell
- Literary Society
- Civil Engineering Students' Society
- MIT Alumni Association
- Hi-Tech
- Hobbies Club
- MITSA
- NSS
- Institute Magazine

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 16.4

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
18	21	15	14	14

File Description	Document
Upload any additional information	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

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

Response:

Response:

Alumni are the brand-ambassadors of the institution they graduated from. The involvement of alumni in supporting and providing contributions voluntarily to the institute is important for maintaining and expanding institute's development. By establishing channels that can assist closer ties among the alumni, students and institute, it can provide crucial benefits in enriching the student's experience in both ways i.e. educationally and practically. Every alumni has experienced being a student to becoming a unique and different graduate, hence there is potential for all alumni to contribute to the alma mater in different ways. In last five years our esteemed alumni are contributing by different ways. They are assisting students through guest lectures, personal interactions, mentoring them in International level events like Hackathon, mentoring them in making their projects effective, workshops, industrial trainings, job opportunities etc. Student can also interact with alumni through alumni portal www.mitalumni.in.

File Description	Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Response:

VISION

A technical education system producing skilled manpower of highest quality to meet complex technological needs for economic development of the country.

MISSION

To transform the Institute into one of the leading technical institutions of the country, with the aim of producing engineers of high calibre having technical competence of internationally accepted levels with high professional ethics, national and human values and responsive to community needs.

The nature of governance and participation of the teachers in the decision-making bodies

Moradabad Institute of Technology is affiliated to Dr. A.P.J Abdul Kalam Technical University (Formerly UPTU), Lucknow and is approved by AICTE, New Delhi. The Governance of the institute is carried out in accordance with its Vision and Mission. Faculty members are the integral part of all the major decision making bodies of institute such as IQAC, administrative committee, Examination committee, Board of Governors etc.

The IQAC (formerly Administrative Committee) of the institute is headed by Director of the institute. The IQAC includes Dean of Student Welfare, Dean Academics, Controller of Examination, All Head of Departments, Registrar and faculty members. This committee ensures the proper implementation of the all the decisions and directions given. The Management provides full freedom to the Director and members of Administrative Committee to work for fulfilment of vision and mission of the organization.

For the proper implementation of all the institutional policies, various committees are executional. It is the responsibility of the Conveners and members of these committees to implement all the decision taken by IQAC. The office administration is headed by the Registrar of the institute.

Perspective Plans

Both, the Management as well as the higher authorities along with all the faculty members of the institution are working continuously for overall growth of the institute. Some future plans are as follows:

- Institute is planning to extend facilities in Research Laboratories, Value Engineering cell, Centre for Excellence etc.
- The institution has already signed a number of MoUs with reputed organizations. Institute is planning to sign more MoUs with other organizations to promote institute-industry interaction.
- Streamline various processes like evaluating methodologies for teaching-learning process, outcome-based education, infrastructure facilities etc.
- Institute is working to fetch more project grants from government and non-government organizations like UGC, DST, AICTE, DRDO, AKTU etc.
- Institute is planning to file more patents in various fields.

File Description	Document
Paste link for additional information	View Document

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

Response:

Response:

The institute practices the decentralization in its day to day working culture. The decisions at various levels are implemented by the concerned personnel at that level. These levels can be organized as follows:

Level 1: It includes the Board of Governors and Management. The Governing Body assists the management regarding broad guidelines, policies and framework for the improvement of quality of education in the institution.

Level 2: The Director heads the IQAC for monitoring all academic as well as administrative activities of the Institute. He forms various committees for Institutional activities.

Level 3: The Director involves Dean (Academic), DOSW, HODs, Registrar and Librarian for better implementation of policies as decided for better functioning of Institute.

Level 4: The Director, through respective HODs, forms a number of committees involving faculty

members for better execution of various Institutional activities.

Level 5: It includes non-teaching staff and other supporting staff. They help the level 4 personnel by performing the activities delegated to them.

The institute has a culture of **participative management**. In all academic and non-academic activities, institute is following participative management. The Institute follows committee system for implementation of all its decisions. Some of the important committees include MIT Sports Association, MIT Cultural Society, Literary Society, NSS etc.

The **IQAC** is taken as the case study for showing, practicing participative management in the institution. The IQAC initiated to promote the R&D activities in the institute. Based on the decision of IQAC, faculty members are motivated to publish more research papers, apply for patents and sign MOUs, to create a better research environment in the institute.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Response:

The institute has a well defined **strategic plan** which includes securing NAAC accreditation by 2020, NBA renewal by 2021, new ERP system by 2020, strengthening the campus facilities, improving the teaching-learning process, providing Personality Development Programs for students, providing more Faculty Development Programs, enhancing the output in research, consultancy and Industry-Institute collaborations.

One of the strategic plans initiated by institute is to provide personality development programs to its students so that they may get themselves fully prepared for upcoming placement activities. The PDP is being conducted for all the students. Every semester, experienced professional trainers visit our campus to train all the students. Students are divided into sections and all the students are trained in various personality development programs like teamwork, communication skills, vocabulary and aptitude beside technical knowledge.

The program gives students an insight into the corporate world and prepares them to apply the skills they learn during the various programs. Besides Soft skills, this program is also enhanced by the other two

pillars for successful campus placements i.e. Aptitude Training and Technical training.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

Response:

Institute has various institutional bodies for effective working environment such as:

Board of Governors of the Institute

1. Chairman, to be nominated by Registered Trust.
 2. Two to five Members to be nominated by Registered Trust.
 3. Nominee of the AICTE Regional Officer (Ex-Officio)
 4. An Industrialist/ Educationist out of the panel approved by the Chairman of the Council.
 5. Nominee of the Affiliating Body/ University/ State Board of Technical Education.
 6. Nominee of the State Government-Director of Technical Education (Ex-Officio).
 7. An Industrialist/ Educationist from the region nominated by the State Government.
 8. Director of institution (as nominee of the Trust) Member/ Secretary.
 9. Two faculty members to be nominated from regular staff.
1. Following matters pertaining to the Institute shall be reported to and considered by the Board of Governors:-
1. Progress of the Institute.

2. Academic performance.
 3. Recommendation of selection committee.
 4. Decisions/actions taken by Management and Finance Committee.
 5. Academic audit, monitoring and Quality assurance.
 6. Any other matter relating to efficient working and good health of the Institute.
2. The Board of Governors shall:-
1. Issue guidelines regarding staff recruitment, academic programmes, financial allocations and service conditions.
 2. Consider the annual report of the Institute.
 3. Review institute Bye Laws.

Institute is having well defined Constitution of different standing Committee for various activities as mentioned below:

S. No.	Standing Committee	Scope of work
1.	IQAC (formerly Administrative Committee)	As per Byelaws.
2.	Grievance Redressal Cell	
3.	Proctorial Board	• All matters concerning the students affairs.
4.	Boys & Girls, Hostel & Mess management	
5.	Anti Ragging Squad	• Students discipline, management of Boys & Girls and cocurricular/extra- curricular activities. • Any other work assigned by Director.
6.	Quick Response Team	To initiate quick action and immediate response to student/staff/faculty inside or outside the Campus.
7.	Grievance Redressal Cell for Students	To take action on students' complaint and resolve it.
8.	Students Counselling Cell	All matter related to counselling of students.
9.	MIT Sports Association (MITSA)	Conduction of all the activities related to sports.
10.	Literary Society	Conduction of the activities like debate, essay writing etc.
11.	Cultural Society	Conduction of all the cultural events.
12.	Dean Academic	• Preparation of Time Table
13.	Time Table Committee	
14.	OC Class	• Preparation of Academic Calendar • Routine & Extra Classes monitoring • Students Attendance and performance control
15.	Test Series Committee	• Conduction of all types of internal / external / University Exams
16.	Evaluated Class Test Scripts Collection	
17.	University Exam Central Evaluation	• Sessional Marks Compilation and Rationalization • Practical Exam conduction • Uploading of marks • Any other work assigned by Director

18.	Event Management- Programme Conduction & Control	• All Institute functions
File Description		Document
Upload any additional information		View Document
Paste link for additional information		View Document
Link to Organogram of the Institution webpage		View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document

6.3 Faculty Empowerment Strategies

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

Response:

Response:

Management and the higher authorities of the Institute understand the importance and appreciate the efforts of teaching and non-teaching staff. They recognise and acknowledge the hard work and devotion of all the employees. As a result, the institute has taken effective welfare measures for their employees. Institute is having following provisions for teaching and non-teaching staff

- **Leaves**
 - Casual leave of 14+3 days in a year shall be on full pay, which may be availed ordinarily.
 - Sick leave for a maximum of 15 days in a year may be availed on half pay.
 - Duty leave up to 15 working days but not more than 5 days in continuation, in an academic on full pay.

- Maternity leave on full pay to a female employee.
- All regular fulltime employees will be eligible for earned leave after one year of service.
- Study Leave may be granted to teachers of the Institution. This facility shall be available for pursuing higher studies.
- If Non-Teaching employee desires to proceed on Study Leave for acquiring higher skills, he / she may be permitted for the same.
- Non-Teaching staff may be sanctioned compensatory leave if they are called on duty on Sundays/Holidays and beyond working hours.
- Summer vacations for both teaching and non-teaching staff as per institute byelaws.

- **Medical Facilities**

- All the employees of the Institute and their dependents may be provided consultation / medical advice of the Institute Doctor.
- All the employees may be provided general medicines for the illness of routine nature.
- Travelling and daily allowances to permanent, temporary or on contract employee of the Institute is approved by the Management as per bylaws of the institution whenever required.
- Provision of gratuity for the employee after successful completion of 5 years service in institute.
- Facility of college transport is available for teaching and non-teaching staff.
- Financial support is provided to the faculty members for attending FDPs, conferences, workshops and seminars and for publications in reputed International and National journals with impact factor.
- Canteen and ATM facility is also available in the campus.

File Description	Document
Upload any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 1.79

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
13	0	1	2	0

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**Response:** 5.2**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
6	5	5	6	4

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**Response:** 39.51**6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
94	84	97	92	54

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff**Response:**

Response:

Yes, Institute has performance system for both teaching and non-teaching staff members. The management and higher authorities take keen interest and maintain complete transparency in evaluating the self-appraisal forms. Assessment of the performance of each employee is done annually after completion of academic session. It helps teaching and non-teaching staff to identify their potential aspects. It provides an opportunity to every individual for improvement and growth in future.

Performance Appraisal System for teaching staff

- All faculty members submit their duly filled self-appraisal forms to their HOD within prescribed time.
- HODs evaluate the forms and give their remarks on the performance of faculty member.

The following factors are analysed in the self-appraisal form of faculty members:

- Research publications published in the National/International Journal and Conferences by the concerned faculty member.
- Details of Faculty development programs, Short Term Courses, Orientation Programs, Refresher Courses etc. attended by the faculty members.
- Faculty is also given marks for obtaining patent, consultancy and sponsored projects approved.
- Any other specific achievement or award earned by the faculty member during the session.
- Teaching performance of faculty is evaluated on the basis of student's feedback.
- External examination result of the subject taught by the concerned faculty member in both odd and even semester.
- Active participation in various committees and activities of the college.
- Publication of chapters in books and publication of books by faculty members is also included.
- Details of National and International Conferences/Seminars organised during the session.
- Participation of the concerned faculty in conducting extracurricular activities

Performance Appraisal System for non-teaching staff**The following factors are analysed in the self-appraisal form of non-teaching staff:**

- Participation as team.
- Discipline during working hours.
- They are evaluated on various factors such as reliability, capacity to do hard work etc.
- Relations and co-operation with superiors, subordinates, colleagues and students.
- Feedback by review officer and Head of the Department.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Response:

Institute conducts both, the internal as well as the external financial audits on regular basis. Audit is conducted at the end of each financial year. The auditors visit institute regularly and they verify all financial transaction. All the supporting documents are checked properly. Institute is having Tally ERP to account all the financial transactions. Audit is conducted in accordance with the Auditing standards generally accepted in India.

The auditors plan and perform procedure to obtain the reasonable assurance about whether the financial statements are free from material misstatements. Auditors examine on a test basis evidences, supporting for the amounts and disclosure in the financial statements. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. Based on such audit, auditor issues audit report mentioning true and fair view on the financial statements.

Audit procedures:

1. Source of income verification:

- Auditors cross verify the fee collections with admitted students list and university fee as sent to university.
- Fee amount receivable and amount received is reconciled.
- Bank interest Income is verified from Bank Interest Certificates.

2. Expenses Vouching:

- Correctness of Classification revenue and capital expenses.
- Reconciliation of bank accounts and checking the bank confirmations. Reconfirmation of unreconciled items.
- Calculation of depreciation of fixed assets.
- Salaries payments with the salary statements.
- Auditor used to vouch payment with the approved supporting.
- Status of the old debit/ credit balances.
- Any other statutory compliances verification required as per Income Tax Act.

3. On such verification, any discrepancy is discussed and sorted with the management. Any type of changes is incorporated into.

4. One and all financial transactions are accounted and based on the financial statements like Balance sheet and Income and Expenditure for the financial year end.

5. Such financial statements are duly signed and approved by Auditor and Management. Based on the audited financial statements, auditor issues the “Audit Report”

File Description	Document
Upload any additional information	View Document

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

Response: 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Response:

Sources of funds:

Tuition Fee collections from the students

Such collections from the students are kept as the fixed deposits in Institutional bank accounts. Part of the fixed deposits is used to mature for the period of 30 days or less and part of them is for long term period like 1-2 year.

Mobilizations of funds:

- Fee collected from students is used for payment of monthly salaries and other recurring and non-recurring expenses of the Institute.

Funds utilization strategies:

- Ensure optimal utilization of the resources according to the plan.
- According to financial requirement of each department, budget amount is used to be allocated annually and such budget is reviewed from time to time.
- Purchase of educational technology aids.
- Monitoring the establishment of the infrastructure, purchase of equipments for various labs.
- Periodic monitoring the utilization of the funds allocated to the departments.

File Description	Document
Upload any additional information	View Document

6.5 Internal Quality Assurance System**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes****Response:****Response**

The Internal Quality Assurance Cell (IQAC) is established in the Institute to maintain and enhance the academic environment. The prime task of IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institution. The work of IQAC is to step towards the internalization and institutionalization of quality enhancement. The Institute has established the Internal Quality Assurance Cell on 09-07-2018. The IQAC of the institute is focused in framing the quality parameters for Teaching-Learning, Research, Curriculum implementation, infrastructure & learning resources, innovation, Student activities & all the extracurricular and co-curricular activities. Through IQAC, Institute is continuously assessing the quality parameters and providing required suggestions for further improvement. Institute is conducting seminars, organizing workshops and FDPs for faculty members to develop their teaching skills. To ensure efficient functioning of IQAC, coordinator of the IQAC interacts from time to time with various functionaries for effective implementation of IQAC and regularly apprise the report to Chairperson of IQAC regarding the progress. IQAC committee used to meet regularly and suggest improvements required, if any, in academic / administrative functions.

Functions:

1	Monitoring of classes and attendance of students regularly	
2	Reporting the discrepancies (if any) to the higher authorities on a daily basis	
3	Verification of counseling details after every class test series	
4	To check whether the marks & attendance have been updated on attendance register as well as on	
5	Verification of final attendance before submission to AKTU	
6	Verification of final marks before submission to AKTU	
7	Organization of inter- and intra- institutional workshops, seminars on quality related themes quality circles	
8	Time-Table and workload verification in the beginning of every semester and even during semester	
9	IQAC monitors course files, lecture Schedules, course plans at random	
10	IQAC checks the Feedback from the students, Faculty, alumni, parents etc. and give improvement	sugge

Benefits of IQAC:

- IQAC ensures the highest level of clarity and focus in institutional functioning towards quality enhancement
- IQAC ensures internalization of the quality culture
- IQAC ensures enhancement and integration among the various activities of the institution and institutionalize good practices
- IQAC provides a sound basis for decision-making to improve institutional functioning
- IQAC acts as a dynamic system for quality changes in the Institute
- IQAC builds an organized methodology of documentation and internal communication
- IQAC constitutes various sub committees in which most of the staff members are involved by formulating and executing the decisions of IQAC.
- The decisions of IQAC are widely communicated to staff members through circulars /notices/website/mails to ensure effective work culture in the Institute.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Response

IQAC committee continuously reviews and monitors the teaching learning process. Apart from the regular classroom lectures by the faculty members for each course, students are given opportunities to attend the guest lecture from learned professors of IITs, NITs and distinguished industrial experts. The contents of these types of expert lectures are beyond the syllabus and students are exposed directly as per the industry requirements. These lectures facilitates the students to learn about the higher specialized education as well as current industry requirements and the necessary skills they should be equipped with for their placements. IQAC committee also suggests for innovative and effective teaching methods, motivate faculty members for registering themselves for Ph.D., organize workshops, national/international conferences/seminars and undertake research projects and also avail funding from professional bodies.

Two examples of institutional reviews and implementation of teaching learning reforms initiated by IQAC discussed here are on

NPTEL registration for students & faculty members

The IQAC is instrumental in implementing new ventures for enabling the learners, acquiring knowledge beyond the syllabus. Other than class room teaching, video lectures on specific topics, beyond the syllabus, play an important role for overall development of the students as well as faculty members. It requires active problem solving by students in finding patterns in the information through their own investigation and analysis. With continued practice in these processes, students learn not only the content of the lesson, but in turn, also develop many other useful skills. The students as well as faculty members are encouraged to register for the NPTEL (National Programme on Technology Enhanced Learning) online courses initiated by IITs and IISc. Most of the faculty members have registered themselves voluntarily to pursue advanced courses through NPTEL. It is suggested that students should be motivated through their faculty members to register themselves for pursuing courses as per their interest. It is also suggested that a motivational scheme should also be introduced to encourage students to pursue courses through NPTEL.

Discussion on Student Feedback forms

All the faculty members, having more than 90% student feedback, are appreciated by the department on recommendation of IQAC committee, while those having between 60% to 80%, and are being motivated by departmental HODs to improve further. However, HODs of concerned departments also warn those faculty members, individually, whose feedback is less than 60%, and they used to be advised to improve their way of teaching within next semester.

File Description	Document
Upload any additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)**

3.Participation in NIRF**4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)****Response:** B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

RESPONSE:

Institute provides Equal opportunities to all individuals irrespective of gender. The Institute create favorable environment that allows every individual to nurture and flourish their talent with no gender discrimination.

- The Institute's teaching learning process is more participatory amongst all the students by providing space for individual student to express themselves freely in the classroom.
- In the Institute, the project groups includes both, boys as well as girls students and they complete their projects together.
- Smart India Hackathon (SIH) groups comprise of at least one girl student as group member.
- Various co-curricular and extra-curricular activities like debate competition, sports and cultural involve girls students' participation actively.
- Institute used to organize various women centric programs like women day, Mother's day, Naari Suraksha Week, Beti Bachao Beti Padhao, Aparajita etc.

Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime importance to MIT. The Institute is taking a lot of initiatives to facilitate the gender equality. All the individuals are provided with healthy environment and equal opportunities irrespective of gender, caste, color, language, religion, national or social origin in the Institute.

1. Safety and Security

- The Institute is having 24X7 CCTV surveillance facilities in the campus at all the major locations, such as main entrance of the institute and all blocks, canteen, parking, central library, corridors and classrooms in order to avoid any mischievous happenings in the campus. All the activities in Institute are properly recorded through CCTV cameras. The live view of all the cameras is available in Proctorial room and Director Office.
- Well-trained and vigilant security guards are stationed at various important checkpoints across the campus.
- The Proctorial Board includes both male and female proctors.
- Separate hostels for boys and girls are located in the Institute campus. A dedicated team comprising of Chief Warden, Hostel wardens and Mess Wardens is working continuously to ensure proper functioning of hostel.
- It is mandatory for all the students and employees to carry Institutional Identity cards.
- The visitors are issued with temporary passes for entering in Institute campus.
- Proper records of visitors and students visiting hours are maintained in both boys as well as girls'

hostel.

2. Counselling

- Counselling of a student is very essential for improving the academic, social and emotional development of an individual. Institute follows the mentor –mentee relationship between a teacher and a group of about 15-20 students.
- Institute is having a number of committees working for counselling of students
 - Student Counselling Cell
 - Women Task Force & Gender Sensitization
 - Prevention and prohibition of Sexual harassment of Women Employees and Students
 - Grievance Redressal Cell for Students
 - Proctorial Board
 - Anti Ragging Squad
 - Anti Ragging Committee

3. Common Room

Separate common room is available for girls in the Institute campus.

File Description	Document
Link for annual gender sensitization action plan	View Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

RESPONSE:

Solid waste management: Dust-bins are placed in all departments staff rooms, laboratories, library and on every floor of all the blocks. Cleaning or emptying the dustbins is being done on a regular basis. All plastic wastes and garbage are collected by our housekeeping personnel and hand over to Municipal vehicle daily. All dead leaves and waste flowers are collected in a pit for the preparation of composite fertilizer.

Liquid waste management: All waste water sewer lines from toilets; bathrooms etc. are connected with Municipal drainage mains. Waste water of water coolers is used for plants.

E-waste management: The Institute is working on developing a culture to reduce of use of paper in printers to save carbon emission. The cartridges of laser printers are refilled within the Institute campus. UPS, Batteries are recharged / repaired / exchanged by the suppliers. Our institution follows buy back system to dispose the E-waste like monitors, CPU etc. Some of the equipments are reused after service and slight modifications. The obsolete computers' spare parts and other non-working equipments are collected in the IT workshop for demo to our students. Institute also handover E-waste to authorized E-waste recycling agencies.

File Description	Document
Link for Geotagged photographs of the facilities	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: B. 3 of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

Response: C. 2 of the above

File Description	Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

RESPONSE:

The Institute provides education to all students irrespective to their culture, region communal socio economy and gender. The Institute has faculty and staff members from different culture, region and community. The Institute provides same platform to all students, irrespective to their culture, region and community. All students participate together in all activities of the institute like sport activities, cultural activities, activities of hobbies club etc.

The institute is taking lot of initiatives to address locational advantages and disadvantages.

- The institute is situated in the heart of Moradabad city. As Moradabad is amongst one of the polluted city of India, so the Institute is taking various initiatives every year to reduce the pollution level and spread awareness.

1. Plantaion
2. Swachh Bharat Abhiyan
3. International Yoga Day
4. Aayush Camp
5. Health Awareness Camp
6. E-Waste management

- MIT is situated on the banks of river Ram Ganga. The institute used to organize Ganga Raksha Rally to create awareness about cleanliness of holy river Ganga.

- MIT is situated near the Moradabad – Hardwar state highway. The institute takes various initiatives by organizing different programs for the awareness of road safety like Road safety week, World Day of Remembrance for Road Safety Victim etc.
- Following initiatives have been taking by the institute to contribute to local community-

1. Integrity Pledge
2. Matdata Jagrukta Abhiyan
3. Drugs Free India
4. Kushtha Rog Event
5. Two Child Policy
6. Digital India Program
7. Talent Search Program
8. Village Tour for Entrepreneurship
9. Blood Donation Camp
10. Civil Defense Camp etc.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

RESPONSE:

The Institute organizes various activities in the campus for inculcating values for being responsible citizens as reflected in the Constitution of India. Some of the events celebrated every year are as follows-

- The Institute celebrates Independence Day on 15th August and Republic Day on 26th January every year. On this occasion, a program comprising of speeches on national importance, patriotic songs and dances used to be organized with full patriotic enthusiasm.
- Various types of Pledge taking activities, as per Government directives, are also organised from time to time in the Institute.
- The Institute also used to organize Integrity Pledge Day on 31st October every year on the birthday of Sardar Vallabh Bhai Patel as the symbol of unity day.
- The Institute organizes swachh Bharat Campaign for the awareness about swachhta in the neighbourhood.
- FDPs on Universal Human Values and Professional Ethics are also organized regularly in the Institute in order to inculcate the feelings of positive thinking amongst all the stakeholders of the Institute.
- Universal Human values and Professional Ethics is also in the curriculum of the university for all the students as their subject.

- Institute used to pay respectful homage to Missile Man and Former President of India Dr.APJ Abdul Kalam on his birth and death anniversaries.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

RESPONSE:

Institute organizes both, National/International Festivals as well as Birth/Death Anniversaries of great Indian Personalities with full enthusiasm. The Management, faculty, staff and students of the Institute actively involve themselves during organisation of these functions. Celebrating these days enhances a feeling of national integration. It not only helps in building strong and developed nation but also develop feeling of unity among all citizens.

All the prominent days are enthusiastically celebrated with conduction of various activities, competitions

and oath taking ceremonies. Some of the important events celebrated every year are:

- Republic day is celebrated on 26th January every year. It honours the date on which the Constitution of India came into effect on 26 January 1950.
- Independence Day is celebrated every year on 15th August.
- On 5th September, Teacher's Day is celebrated every year. Teacher's Day is celebrated for commemorating the birth anniversary of our beloved 2nd President of India and a great teacher himself Dr. Sarvepalli Radha Krishnan.
- Institute also pay homage to Missile Man and Former President of India Dr. APJ Abdul Kalam on his birth and death anniversaries.
- In order to give rich tribute to one of the greatest Indian engineer and Bharat Ratna Sir Mokshagundam Vishweshwaraya, the Engineers Day is celebrated annually on 15th September.
- National science day is celebrated to mark the Birth Anniversary of Sir C.V. Raman and eminent Indian physicist on 28th February every year.

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

RESPONSE:

Best Practice – 1

Title of the Practice: Transparent Internal Evaluation system on the basis of outcome based education

Objective: Internal assessment plays an important role in the overall performance of the students. It not only provides the platform to the students to prepare for external examinations but also make them understand and work on the mistakes they are doing. It provides them an opportunity to discuss their results and shortcomings with the faculty members.

The Context: Internal Assessment is a continuous, periodic and internal, in which assessment is done in relation to certain abilities and skills of the students periodically and continuously. Internal assessment is to be assessed by the faculty of the particular course and no external teacher or instructor involved in this. Internal assessment demands the outcome of the students than the ability and the skills of the students. A good internal evaluation system allows teachers of various courses to evaluate the performance of their students in accordance with the objectives they had set before themselves.

The Practice:

- At the start of semester academic calendar is announced which include all the academic information like date of class tests, counting of attendance, information of attendance to parents and other important dates of academic semester.
 - The attendance of the students is uploaded on the university portal on daily basis. Students can see their attendance on the university website through their login.
 - The tutorials, assignments and question banks which are prepared by respective faculty members are adhering to outcome based education
 - As per the University norms the institute has to conduct two CTs, but for the benefit of students, Institute conducts three CT's of 15 marks each. In order to provide maximum benefit to the students, best two among all CT's are considered for internal assessment.
 - The CT paper is strictly set in accordance with the university format mentioning COs against every question. This helps students (especially first year students) to make them comfortable for giving end semester external examinations.
 - A PERC committee in each department, checks for the standard of the question paper and ensured that the questions are covering the course outcomes and as per outcome based education
 - Internal assessments are covering Course Outcomes (COs).
 - Class test paper contains both, numerical as well as theory portion.
 - For the effective implementation of class test the results are declared within a week time and all the class test copies are shown to students and preserved in nodal centre.
 - It is mandatory to discuss answers of CT's paper with the students while showing them evaluated answer sheets. It helps the students to know their mistakes. The class test performance helps the students to improve for future planning.
 - In order to provide maximum benefit to the students three class tests (CT) of 15 marks or 20 marks each are conducted and best of the two CTs are considered for internal marks assessment.
 - For the proper assessment, tutorials and assignments are provided to the students and collected back for evaluation. This helps the concerned teacher to maintain complete transparency while giving teacher's assessment marks.
 - To ensure the effective internal assessment, the internal examination and viva-voce of the labs are conducted at the end of semester.
 - Internal assessments cover Course Outcomes (COs).
-
- Attendance of students is also taken into consideration while finalizing the internal marks.
 - Finalized internal marks for both, theory as well as practical are verified by the Head of Departments before finally uploading on the university portal. After uploading the internal marks they are required to be checked, authenticated and dully signed by the Director of the institute.
 - Continuous evaluation procedure is followed for practical subjects. The practical files of the students are checked and the viva of the each practical is taken on the regular basis. This helps the

students to clarify their doubts.

- Both, the mini-projects as well as the major-projects are reviewed by the internal guide, project committee including HODs.
- Student feedback process is repeated in every semester.
- A departmental committee is formed for collection of feedback forms from students. The teacher assigned should not be teaching the same class. The collected feedback forms along with the summary are submitted to HOD in sealed envelope.
- After completing one academic session every faculty member fill a Self Appraisal Form (SAF). The SAF includes every detail of work a teacher has done in the same academic year. The details of SAF are submitted to Director. The confidentiality is maintained. Necessary actions can be taken based on SAF including appraisal and penalty.

Evidence of Success: The success rate in the final university exam has been improved due to centralized and transparent internal evaluation system. All internal exams related works are done inside the confidential room like Generation & Photocopying of exam Question papers, storing all unused answer scripts and dispatching of Written Answer scripts from the concerned class rooms to the Centralized Exam Cell. Transparency in exam and there is no chance of malpractice or injustice, since the question paper is reaching the respective exam hall just like the external exam. The institution follows a very clear, well-planned calendar which schedules the examination. The faculty members are completing the valuation within a stipulated time so that counselor can pass the student's academic details to parents. The students with less mark in the respective subjects are identifying by the subject teachers and extra classes are given on that basis. This system adopting in MIT is producing a good quality professionals, so that with good technical knowledge they are facing the placement interview.

Problems Encountered: Improvement the Knowledge of students and provide them a competitive environment.

Resources Required: A Class Test (CT) Committee of dedicated faculties, convener of CT committee and staffs .Centre superintendent of Exam headed this committee. An academic calendar clearly specifying the date/time of various academic events to take place during the academic session should be notified prior to the commencement of the academic session.

Best Practice –2

Title of the Practice: Sensitizing students towards Human Values, social issues and professional ethics through Serving Society.

Objectives:

- To enable the students to understand the community in which they work.
- To understand themselves in relation to their community.
- To identify the needs and problems in the community and explore how to solve them.
- To develop among themselves a sense of social and civic responsibility.
- To apply education- find practical solution to individual & community problems.
- To develop competence required for group living and sharing responsibilities.
- Gain skills in mobilizing community participation.

- To acquire leadership qualities and democratic attitude.
- To develop capacity to meet emergencies and national disasters.
- To practice national integration.

Context: The institute is serving the community through its NSS activity. National Service Scheme (NSS) Unit of Moradabad Institute of Technology, Moradabad is working since November 2004. The program aims to inspire students to involve themselves in social welfare activities to serve society without any prejudice. NSS volunteers work to ensure that everybody, who is destitute, gets help to upgrade their way of life and lead an existence of self respect. In doing so, volunteers help any individual to have a decent existence regardless of the shortage of assets. It gives assistance in any type of debacles by providing nourishment, dresses and emergency treatment to the calamity exploited people.

The Practice: NSS organizes many event which are very helpful to save the environment and also needy persons are benefited. NSS aware people about duties responsibilities of the citizens towards the nation. Students do these activities in groups they go to nearby villages and aware the community about how to save environment and national responsibilities.

NSS organizes many activities some are as follows.

- Integrity pledge
- Plantation
- Village tour for entrepreneurship program
- Yoga day
- Civil defence camp
- Blood donation camp
- Swachh bharat campaign
- Rally for population control
- Cycling to prevent the air pollution

Students of MIT study Human Values and professional ethics as their subject in University curriculum. Many programs on the Human Values and professional ethics are organized by Human Value cell, which is situated in MIT. Students, employees of MIT are benefited by this cell.

Problems Encountered: Develop socialism and Values & professional ethics in our students.

Resources Required: NSS committee and Human Values and professional ethics cell.

In addition of above mentioned best practices, the Institute is also following some other useful practices useful for overall development of the Institution.

- The Institute has 150KW solar electricity generation plant on the roof of 3 academic blocks in the campus covering major electricity demand of the Institute via grid based system of government.
- The faculty retention always remains on top priority for Institute, as faculty is the backbone for fast development of any educational Institution. The Institute used to provide all possible help to its faculty members who want to develop their teaching learning skills by enhancing their educational qualifications.
- Institute is also working with full zeal to develop facilities for the preparation of composite fertilizer by dead leaves of plants and flowers in order to convert in to green campus.

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

RESPONSE:

The Vision of the Institute focuses on Value based education, nurturing Innovative and skilled man power and social contributions. The Institute has established its distinctive approach towards this comprehensive vision by working on the upliftment of academic quality of the students belonging to nearby region. The main priority of the institute is to reach out up to the most backward areas of the region and counsel the students for higher education, thus enabling the process of developing the society and the nation at large.

The first step toward achieving this goal is to maintain good infrastructure and also provide best quality study facilities in the campus for all the stake holders. All the stake holders are encouraged to gather lifelong learning experience through Industry - Institute interactions. The institute used to organize socially relevant programs for the benefit of the humanity on a regular basis.

Infrastructural Relevance

The institute is committed to provide best possible infrastructural facilities in the campus right from the very beginning. All the departments are situated in separate blocks with proper spacing and facilities.

The institute has a state of the art infrastructure, creating an environment for progressive learning and development.

- The institute has sufficient number of well equipped classrooms and laboratories to cater with the academic requirements of the students as per the AICTE guidelines. All equipments are regularly checked for possible wear and tear and replaced with new one or repaired whenever required. Safety instructions, safety tools including first aid box are also available in all the concerned labs. The number as well as area of the class rooms and labs is as per the AICTE norms.
- Large play ground in the Institute campus supports a wide variety of games, such as Cricket, Football, Volleyball, Badminton etc .There is also separate dedicated space for Indoor sports, including Table Tennis, Chess and Carrom. The Institute also has a well equipped Gymnasium for boys as well as girls.

- The Institute has a state of art Central Library spreading over a large area. The Library subscribes a number of national and international journals. The Library has a dedicated Circulation section, a Reference section and a spacious Reading room including separate cubicles for individual study. The Digital Library section has a good number of computers for browsing, accessing e-journals and e-books.
- The Institute is a fully Wi-Fi enabled campus; every single stakeholder is provided with access to the Wi-Fi network.
- The Institute has separate in – campus well-guarded hostels for boys as well as girls with a range of spacious rooms with proper ventilation.
- There is a hygienic, multi-cuisine vegetarian canteen for both, resident students as well as day scholars.
- The Institute has a large team of professionally-trained security personnel patrolling and guarding the campus 24X7 to ensure proper safety of students, staff and infrastructure. The complete campus is under CCTV surveillance.
- An ATM of State Bank of India is available in the campus to help students and faculty with banking transactions.

Social Connect

- The various programs conducted by the Institute have promoted the people in the region towards better education facilities. The Institute is providing general awareness to the inhabitants nearby about the engineering aspects of life to lead a better life.
- The institute also conducts various programs on Human values and professional ethics and students are also studying Human value and professional ethics as their subject according to university curriculum.

Training and Placement

- The Placement Cell, headed by the Placement Officer and assisted by administrative staff, is an exclusive dedicated office which invite top notch companies from both, government as well as private sectors for recruitment of the students. The institute has a good record of placements for all the eligible students.
- Training and Placement cell used to organize the summer training and regular industrial visits for the students in top and specialized industries which enhance the practical knowledge of students.
- Training and Placement cell also arranges trainers for conducting personality development classes for all students throughout their studies, which helps towards overall development of students and also helps to prepare them in order to qualify the competitive examinations.

Entrepreneurship Development cell

- The establishment of the Entrepreneurship Development cell (EDC) in the Campus is also one of the most important steps for the development of the student with a distinctive vision of providing path to young intelligent minds to pursue their dreams and to develop their skills accordingly.
- The main objective of the EDC is to promote entrepreneurship skills among students and to make them self-reliant in their career.
- Entrepreneurship Development Cell arranges industrial visits for the students in their core subjects.
- Entrepreneurship Development Cell bridges the gap between academia and industry.
- Entrepreneurship Development Cell is paving way to prove technology thrust of the students for

launching their own ideas/enterprise/innovative ideas which may be helpful to become a future entrepreneur.

- Entrepreneurship Development Cell is conducting seminars and workshops regularly to understand the present day requirements of industry by inviting various industry personnel.

Start-ups cell

The establishment of a Start-up cell is also one of the most important steps for the development of students with a distinctive vision of providing path to young minds to start their own start-ups.

Following Alumni have started their own industrial units with the guidance of the faculty members.

1. Mr. Surya Pratap Singh and Ms. Sparsh Saxena established their own company “Aezowie Infotech Services Private Limited”.
2. Mr. Kavish Baghel and Mr. Shivam Saxena established their own company “Stykon Infotech Private Limited”.
3. Mr. Sumith Kumar and Mr. Siddhant Thakur established their own company “BIA Softech Private Limited”.

File Description	Document
Link for appropriate web in the Institutional website	View Document
Link for any other relevant information	View Document

5. CONCLUSION

Additional Information :

- The Institute has qualified and experienced faculty members who are regularly working to sensitize students towards up-liftment of weaker section of the society.
- All the departments of the Institute regularly organize Faculty Development Program, seminars and workshops to enhance the technical knowledge, skills and promote self learning among the faculty and the students.
- Faculty members regularly publish and present research papers in reputed national and international journals and conferences.
- The Institute has well established Entrepreneurship Development Cell which organizes various activities / events to promote awareness among students to become entrepreneur.
- The institute develops human and social values among its students through NSS activities.
- Technical societies of all departments regularly organize Quiz, debates, paper presentation, group discussion etc. for overall development of the students.

Concluding Remarks :

The Institute has well established governance and leadership to achieve its Vision and Mission. The faculty members are working as a unit to enhance and sustain quality education for the attainment of vision and mission of Institute. In pursuit of excellence, MIT looks forward to reach the apex of academic as well as social excellence.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>3</td> <td>2</td> <td>3</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per brochure and certificate of EAP and EAD. One add on program count once for a year.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	5	3	2	3	2	2018-19	2017-18	2016-17	2015-16	2014-15	2	1	1	1	1																				
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2.6.3	<p>Average pass percentage of Students during last five years</p> <p>2.6.3.1. Number of final year students who passed the university examination year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>662</td> <td>816</td> <td>730</td> <td>660</td> <td>501</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>501</td> <td>660</td> <td>730</td> <td>816</td> <td>662</td> </tr> </tbody> </table> <p>2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>674</td> <td>825</td> <td>745</td> <td>672</td> <td>541</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>541</td> <td>672</td> <td>745</td> <td>825</td> <td>674</td> </tr> </tbody> </table> <p>Remark : DVV made the changes as per clarification provided by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	662	816	730	660	501	2018-19	2017-18	2016-17	2015-16	2014-15	501	660	730	816	662	2018-19	2017-18	2016-17	2015-16	2014-15	674	825	745	672	541	2018-19	2017-18	2016-17	2015-16	2014-15	541	672	745	825	674
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3.1.1	<p>Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)</p> <p>3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>0.60</td> <td>5.40</td> <td>6.47</td> <td>56.83</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>0.40</td> <td>5.20</td> <td>6.47</td> <td>56.83</td> <td>0</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes e-copy of grant letter for 2017-18 and 2018-19 not provided by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	0.60	5.40	6.47	56.83	0	2018-19	2017-18	2016-17	2015-16	2014-15	0.40	5.20	6.47	56.83	0										
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3.1.2	<p>Percentage of teachers recognized as research guides (latest completed academic year)</p> <p>3.1.2.1. Number of teachers recognized as research guides Answer before DVV Verification : 34 Answer after DVV Verification: 4</p> <p>Remark : DVV has made the changes as per provided e-copies of recognition letters by HEI.</p>																														
3.1.3	<p>Percentage of departments having Research projects funded by government and non government agencies during the last five years</p> <p>3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years Answer before DVV Verification:</p> <table border="1" data-bbox="304 1534 1046 1668"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> <td>1</td> <td>1</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1747 1046 1881"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>3</td> <td>1</td> <td>2</td> <td>0</td> </tr> </tbody> </table> <p>3.1.3.2. Number of departments offering academic programmes Answer before DVV Verification:</p> <table border="1" data-bbox="304 1960 1046 2094"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	3	2	1	1	0	2018-19	2017-18	2016-17	2015-16	2014-15	2	3	1	2	0	2018-19	2017-18	2016-17	2015-16	2014-15	6	6	7	8	9
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6	6	7	8	9																											

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
6	6	7	8	9

Remark : E-copies of grant letter for 2017-18 and 2018-19 not provided b HEI.

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

3.2.2.1. Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8	1	2	3	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : DVV has considered already these programs in 1.2.2.

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

3.3.1.1. How many Ph.Ds registered per eligible teacher within last five years

Answer before DVV Verification : 10

Answer after DVV Verification: 5

3.3.1.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification : 6

Answer after DVV Verification: 4

Remark : DVV has made the changes as per provided e-copies of award letter from own university by HEI.

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
55	149	18	16	50

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
12	4	7	2	4

Remark : DVV has not considered those books and chapters which have not ISBN numbers.

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
9	8	6	3	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : DVV has not considered

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

3.4.3.1. Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
10	17	9	9	11

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
10	14	5	7	8

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

3.4.4.1. Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1276	1545	1235	1541	1517

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : List of participating students not provided. Provided report was not appropriate.

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
715	748	906	807	808

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : As per SOP internship certificate / other certificates issued to students or teachers cannot be the proof of collaboration.

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)**4.1.3.1. Number of classrooms and seminar halls with ICT facilities**

Answer before DVV Verification : 46

Answer after DVV Verification: 6

Remark : DVV has considered only those classrooms and seminar halls in which smart Board, Projector, WIFI enabled.

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)**4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
120.57	48.29	18.73	102.66	163.95

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
68.98	20.07	2.16	40.04	12.68

Remark : DVV has made the changes as per expenditure on building, furniture and office equipment in income and expenditure account duly signed by CA.

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
2.71	3.74	12.45	7.24	9.64

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2.71	3.74	12.45	7.24	10.16

Remark : DVV has made the changes as per provided expenses on books, journals and subscription in Income and Expenditure account duly signed by CA.

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

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

Answer before DVV Verification : 250

Answer after DVV Verification: 55

Remark : DVV has made the changes as per average of logbook entry of library users on 7/01/2019 to 11/01/2019.

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years

(INR in lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
323.11	241.96	304.46	381.09	339.5

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
120.57	48.28	18.73	101.78	159.59

Remark : DVV has made the changes as per expenditure on repair and maintenance in income and expenditure account duly signed by CA.

5.1.2 **Average percentage of students benefitted by scholarships, freships etc. provided by the institution / non- government agencies during the last five years**

5.1.2.1. **Number of students benefitted by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
108	541	1120	1317	1623

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : Sanction letters of students not provided.

5.1.3 **Capacity building and skills enhancement initiatives taken by the institution include the following**

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : As per SOP, DVV has considered only Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills.

5.1.4 **Average percentage of students benefitted by guidance for competitive examinations and career**

counselling offered by the Institution during the last five years**5.1.4.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
297	237	379	279	398

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : The placement drive cannot be treated as competitive exams and career counselling. So the input zero.

5.2.1 Average percentage of placement of outgoing students during the last five years**5.2.1.1. Number of outgoing students placed year - wise during the last five years.**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
297	237	379	279	398

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
297	232	379	279	398

Remark : DVV has not considered training letter of students.

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
32	47	23	14	10

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15

5	0	18	14	0
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Remark : DVV has not considered certificates received from zonal level.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
13	2	1	2	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
13	0	1	2	0

Remark : Supporting letters for the year 2017-18 not provide by HEI.

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8	6	5	13	5

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
6	5	5	6	4

Remark : DVV has not considered one day activities and workshops.

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant

3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Answer before DVV Verification : B. 3 of the above

Answer After DVV Verification: C. 2 of the above

Remark : DVV has made the changes as per provided supporting document of solar energy and LED bulbs.

2.Extended Profile Deviations

ID	Extended Questions																				
1.3	<p>Number of outgoing / final year students year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>541</td> <td>674</td> <td>745</td> <td>825</td> <td>674</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>541</td> <td>672</td> <td>745</td> <td>825</td> <td>674</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	541	674	745	825	674	2018-19	2017-18	2016-17	2015-16	2014-15	541	672	745	825	674
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2.2	<p>Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>940.48</td> <td>688.88</td> <td>849.22</td> <td>1046.34</td> <td>1149.56</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>940.48</td> <td>688.88</td> <td>848.12</td> <td>1046.34</td> <td>1149.56</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	940.48	688.88	849.22	1046.34	1149.56	2018-19	2017-18	2016-17	2015-16	2014-15	940.48	688.88	848.12	1046.34	1149.56
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