

RESOURCE BOOK

BACHELOR OF Technology 2026-27 INFORMATION TECHNOLOGY



MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY

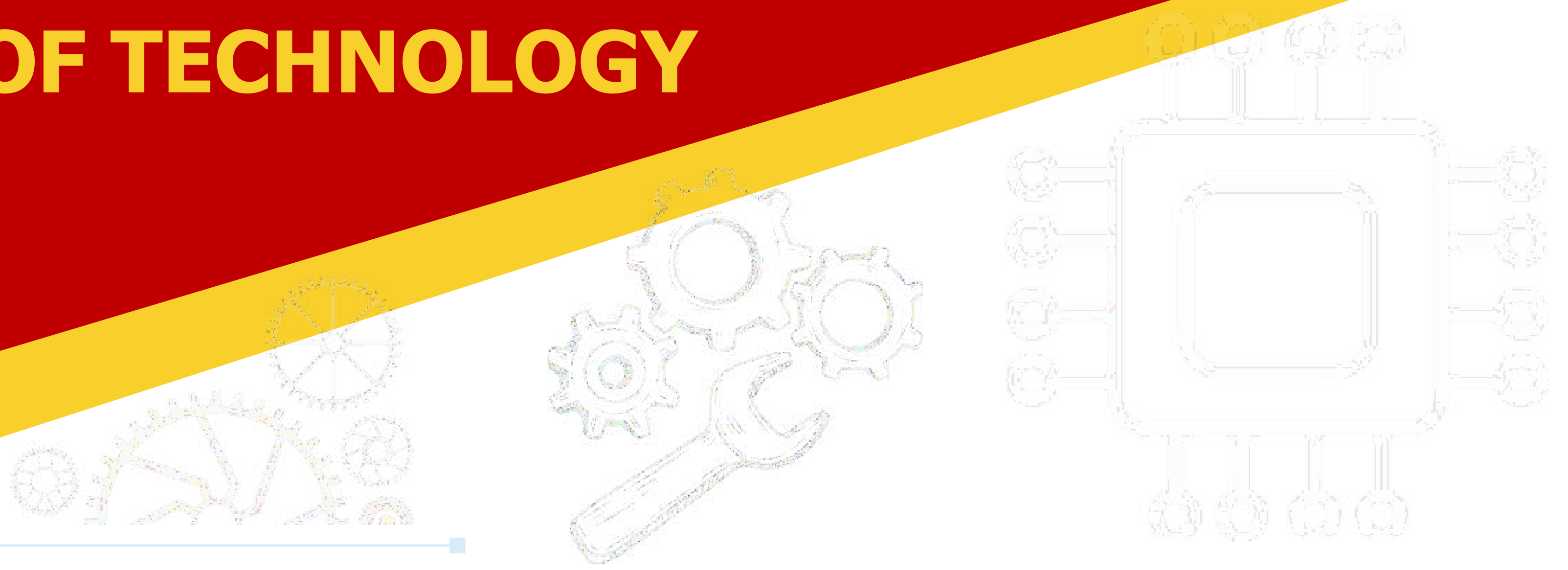
An Autonomous Institute

(Affiliated to Abdul Kalam Technical University,

Approved by AICTE, Accredited by NAAC with 'A' grade, ISO 9001-2015 Certified)

STUDENT'S RESOURCE BOOK

BACHELOR OF TECHNOLOGY 2026-27



Institute Vision and Mission

Vision

To be an outstanding institution in the country imparting technical education, providing need-based, value-based and career-based programs, and producing self-reliant, self-sufficient technocrats capable of meeting new challenges.

Mission

The mission of the institute is to educate young aspirants in various technical fields to fulfill the global requirement of human resources by providing sustainable quality education, training, and an invigorating environment besides molding them into skilled competent, and socially responsible citizens who will lead the building of a powerful nation.

Department Vision and Mission

Vision

To achieve excellence in Information Technology education by developing skilled, innovative, ethical, and self-reliant IT professionals capable of addressing global technological challenges.

Mission

The mission of the Department of Information Technology is to provide quality technical education and practical knowledge, develop skilled and industry-ready IT professionals, promote innovation and ethical values, and prepare students to meet global technological challenges while contributing responsibly to society and the nation.

About Meerut Institute of Engineering & Technology (MIET), Meerut

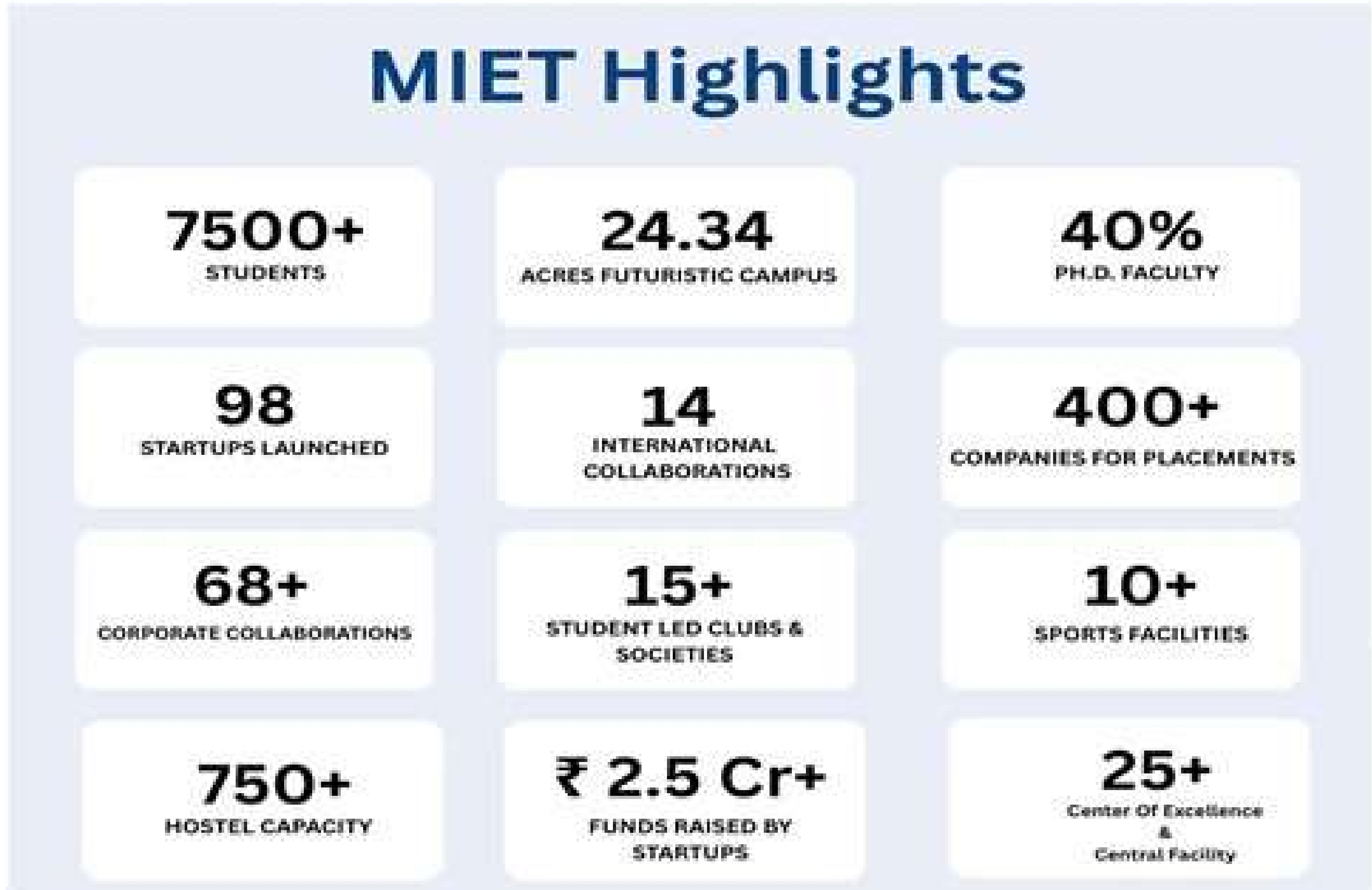
Established in 1997, Meerut Institute of Engineering & Technology (MIET) is a premier engineering institution in Uttar Pradesh, consistently ranked among the top colleges by Dr. A.P.J. Abdul Kalam Technical University (AKTU). The institute offers a dynamic academic environment, supported by a strong alumni base placed in 500+ reputed companies and an excellent placement record with steadily rising salary packages.

MIET is accredited with NAAC ‘A’ Grade (CGPA 3.24) and NBA for key programs including Biotechnology, Computer Science & Engineering, Information Technology, Electronics & Communication Engineering, Electrical Engineering, and B.Pharm, reflecting its commitment to quality education and continuous improvement.

The institute is known for its modern infrastructure, innovative teaching-learning practices, strong industry interface, and emphasis on holistic development through co-curricular and extracurricular activities. It nurtures students to become competent professionals ready to meet global challenges.

MIET is managed by the City Educational & Social Welfare Society, Meerut, established in 1989 by Late Shri Chandra Sen Aggarwal, a visionary who foresaw the need for technically skilled professionals in a globalized era. Under the leadership of Shri Vishnu Saran, the institute continues to uphold the core values of foresight, hard work, determination, and discipline.

MIET offers undergraduate and postgraduate programs including **B.Tech, MBA, MCA, M.Tech, and M.Pharm**. It also promotes innovation through facilities such as **AICTE Idea Lab, BOSCH, FESTO, Robotics & Drone Labs, SIEMENS Centre, DST-FIST, and Atal Community Innovation Centre (ACIC)**, along with **Centers of Excellence** in collaboration with **AWS, Microsoft Azure, IBM, Wipro, SAP, Honeywell, and Texas Instruments** in emerging domains like **AI, Data Science, Cyber Security, IoT, and Cloud Computing**.



About the Department of Information Technology (IT)

- Established with the vision of providing quality technical education and fostering innovation, the **Department of Information Technology at Meerut Institute of Engineering & Technology (MIET)**, Meerut is dedicated to developing competent, skilled, and industry-ready IT professionals capable of meeting global technological challenges. The department offers a vibrant academic environment that combines strong theoretical foundations with practical exposure, research, innovation, and professional ethics to prepare students for the rapidly evolving digital world.
 - The department focuses on delivering outcome-based education through modern teaching-learning methodologies, advanced computing facilities, project-based learning, industrial training, workshops, seminars, expert lectures, and technical events. With a curriculum aligned to industry requirements and emerging technologies, students are encouraged to build expertise in areas such as Artificial Intelligence, Data Science, Cloud Computing, Cyber Security, Internet of Things (IoT), Software Development, and Data Analytics.
 - The Department of Information Technology is supported by experienced and dedicated faculty members who actively contribute to research, innovation, publications, FDPs, patents, copyrights, and consultancy activities. The department has consistently promoted academic excellence through student research papers, innovative projects, hackathons, coding competitions, and participation in technical fests at various levels.
 - The department strongly encourages student engagement and leadership through the Student Council of Information Technology (S.C.I.T.), a dynamic platform that promotes collaboration, technical learning, innovation, and community building among students. Through various technical, cultural, and professional activities, SCIT helps students enhance their communication skills, leadership qualities, teamwork, and overall personality development.
 - IT department at Meerut Institute of Engineering & Technology is NBA accredited, which means the B.Tech IT program meets national quality standards for curriculum, faculty, and placements.
 - With a strong commitment to academic quality, innovation, ethical values, and continuous improvement, the Department of Information Technology at MIET strives to create self-reliant, socially responsible, and technologically proficient professionals who can contribute effectively to industry, society, and the nation.
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Message from Chairman

Dear Students,

Welcome to the MIET family. You are part of a generation full of opportunities where knowledge, innovation, and character define success. At MIET, we aim to nurture not just skilled professionals but responsible and confident individuals.

Excellence comes through discipline, perseverance, and continuous learning. Use your time here to explore, think critically, and grow. Stay focused on your goals while upholding values like honesty, respect, and responsibility.

Make the most of the guidance and opportunities provided. I am confident you will achieve success and make us proud.

Best wishes for your growth and future.



Shri Vishnu Saran

Chairman, MIET



Shri Puneet Agarwal

Vice- Chairman, MIET

Message from Vice Chairman

Dear Students,

You are the strength and future of MIET. Strive for excellence with discipline, adaptability, and strong values. Make the most of every opportunity, and face challenges with confidence and resilience.

Participate actively in academics, innovation, and co-curricular activities to enhance your overall growth. Let every experience help you learn, improve, and discover your true potential. Stay focused, keep learning, and believe in yourself—we are here to support you.

Wishing you success and a bright future.

Message from Vice Chairman

Dear Students,

At MIET, we believe in shaping not just careers, but character. Each one of you has the potential to create meaningful impact—through your ideas, actions, and commitment to excellence.

Stay curious, take initiative, and never hesitate to step beyond your comfort zone. Growth begins where fear ends, and every effort you make today builds your tomorrow.

Uphold integrity, respect others, and strive to contribute positively to society. The journey may be challenging, but it will always be rewarding.

We stand with you in your pursuit of success.

Best wishes for a purposeful and fulfilling future.



Shri Gaurav Agarwal

Vice- Chairman, MIET



Ms. Akanksha Agarwal
BOG Member

Message from BOG Member

Dear Students,

It is a privilege to witness the energy and potential you bring to MIET. You are the future leaders and innovators who will shape tomorrow.

Focus on building strong fundamentals, think independently, and act with integrity. Use your time here to learn, grow, and prepare yourself for the challenges ahead.

We are confident in your ability to excel and make a meaningful contribution to society.

Wishing you success in all your endeavors.

MAIN DIGNITARIES

S.No.	Name	Designation	Email-Id
1	Prof. (Dr.) Sanjay Kumar Singh	Director	director@miet.ac.in
2	Prof. (Dr.) Sanjeev Singh	Dean Academics	deanacademics@miet.ac.in
3	Prof. (Dr.) Swati Sharma	HoD, B.Tech IT & CSIT	hodit@miet.ac.in
4	Prof. (Dr). Mukesh Rawat	Project Coordinator	mukesh.rawat@miet.ac.in
5	Dr. Rohit Kumar Singh	Department Proctor	rohit.singh@miet.ac.in
6	Mr. Rahul Shivhare	Second Year Program Leader	rahul.shivhare@miet.ac.in
7	Dr. Punit Mittal	Third Year Program Leader	punit.mittal@miet.ac.in
8	Ms. Preksha Pratap	Final Year Program Leader	preksha.pratap@miet.ac.in
9	Ms. Aarti Verma	Accreditation Leader	aarti.verma@miet.ac.in
10	Mr. Rahul Shivhare	ISTE Coordinator	rahul.shivhare@miet.ac.in
11	Ms. Preksha Pratap	Placement Leader - IT	preksha.pratap@miet.ac.in
12	Ms. Parul Kashyap	Social Media Coordinator	parul.kashyap@miet.ac.in

The Pride of Meerut Institute of Engineering and Technology -Its Leadership

It is a pleasure to welcome you to MIET. Your time here is a journey of learning, growth, and transformation. Strive for excellence through curiosity, discipline, and consistent effort.

Make the most of academic and co-curricular opportunities to build skills, confidence, and leadership. Uphold integrity and values in all that you do.

We are here to guide and support you—stay focused, work hard, and believe in your potential.

Wishing you a successful and fulfilling journey ahead.



Prof. (Dr.) Sanjay Kumar Singh

Campus Director

Address: Ground Floor, Admin block

Email: director@miet.ac.in



Prof. (Dr.) Sanjeev Singh

Dean Academics, MIET

Address :- B4 Block, Ground Floor

Email :- deanacademics@miet.ac.in

Welcome to a new academic journey at MIET. Focus on your studies with curiosity, discipline, and responsibility. Attend classes regularly, engage actively, and make full use of academic resources.

Develop strong analytical and problem-solving skills, and maintain academic integrity in all your efforts.

We are here to guide and support you—stay committed and strive for excellence.

Wishing you a successful and enriching academic experience.

Message from Head of Department- B.Tech IT & CSIT, MIET

Dear Students,

Welcome to the Department of Information Technology! We nurture future-ready professionals by blending theory with practical, hands-on learning in AI, ML, and Cybersecurity. With dedicated faculty, strong industry collaborations, and a supportive Mentor-Mentee system, our students consistently achieve academic excellence (showcased in our Insight IT magazine) and secure top placements in the tech industry.

Wishing you a successful and rewarding journey.



**Prof. (Dr.) Swati Sharma
(HOD - B.Tech IT & CSIT)
Address: M-Block, 6th Floor(605-M)
Mail: hodit@miet.ac.in
Contact No.- 9808150268**



**Dr. Rohit Kumar Singh
(Department Proctor –B.Tech IT & CSIT)
Address: M-Block, 7th Floor(701-A)
Mail: rohit.singh@miet.ac.in
Contact No.- 97110 53914**

Message from Department Proctor- B.Tech IT & CSIT, MIET

Dear Students,

Welcome to the IT Department! As Proctor, I champion student welfare and discipline through our robust Mentor-Mentee system. We pair this holistic support with cutting-edge education in AI and Cybersecurity, empowering our students to shine in our Insight IT magazine and secure top tech placements.

Wishing you a successful journey.

Hi! As your Project Coordinator in the IT Department, our passion is helping you turn classroom theory into real-world magic. From brainstorming sessions in AI and Cybersecurity to celebrating your project features in Insight IT and your very first job offers, we are here to mentor, support, and cheer you on every step of the way.

Feel free to approach me for doubts, mentoring, and academic support.

Wishing you success in your learning journey.



Dr. Mukesh Rawat
(Project Coordinator)
Address: M-Block, 6th Floor(601-C)
Mail: mukesh.rawat@miet.ac.in
Contact No. - 99173 11669



Mr. Rahul Shivhare
(Second Year Program Leader)
Address: M-Block, 6th Floor(601-C)
Mail: rahul.shivhare@miet.ac.in
Contact No. - 73559 98742

We are here to support you in building a strong foundation in academics. You can rely on us for conceptual clarity, academic guidance, and assistance in laboratories and practical learning.

We will help you connect theory with real-world applications, strengthen problem-solving skills, and guide you in overcoming academic challenges.

Feel free to approach us for doubts, mentoring, and any academic support.

Wishing you success in your academic journey.

Build strong fundamentals in Chemistry and stay curious. We are here to support you through guidance, labs, and doubt resolution.

Engage actively, practice regularly, and connect concepts to real-world applications.

Ask questions freely, collaborate with your peers, and make the most of every learning opportunity.

Stay consistent in your efforts and approach challenges with a positive mindset.

Wishing you success in your studies.



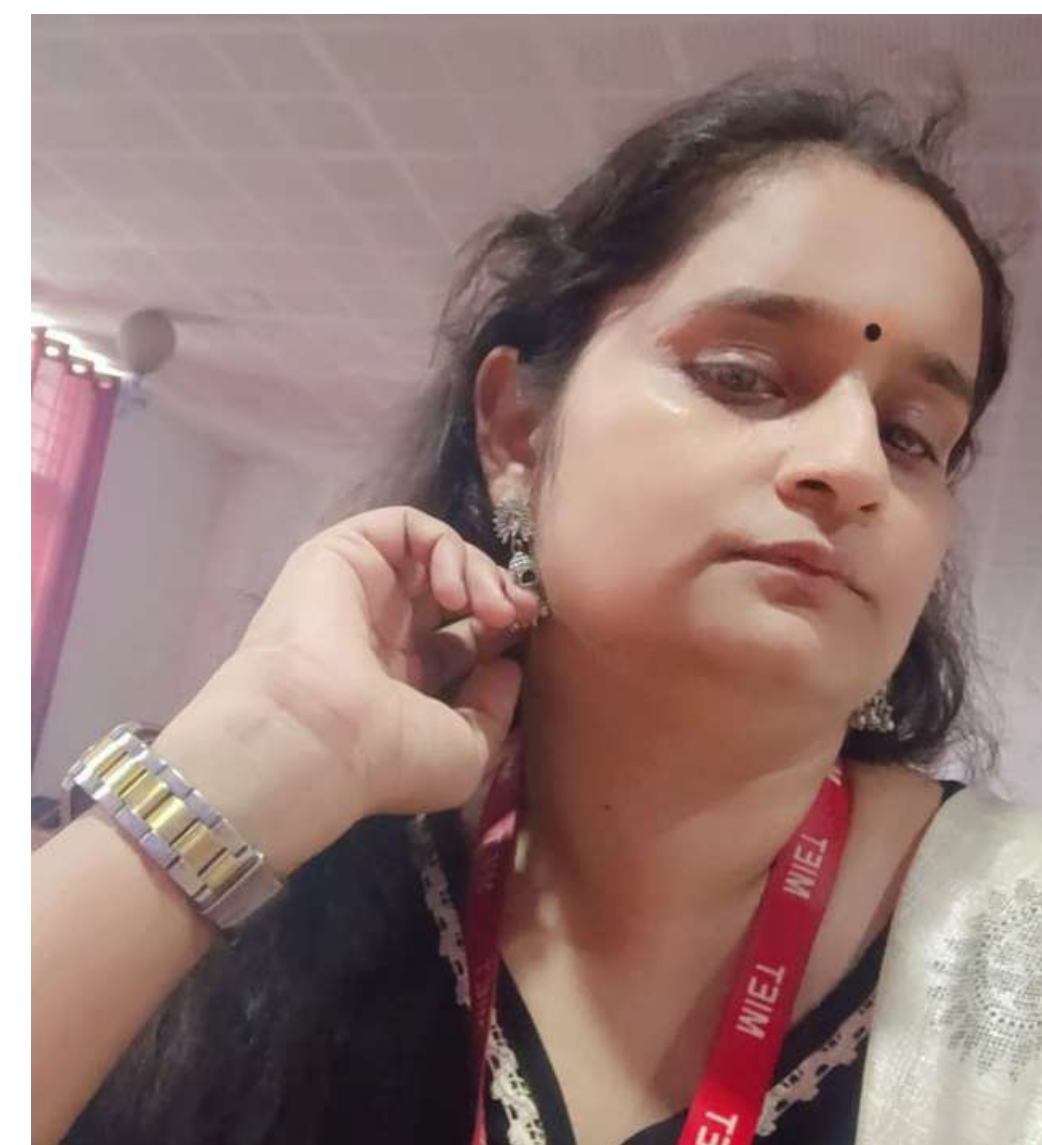
Dr. Punit Mittal
(Third Year Program Leader)
Address: M-Block, 6th Floor(613-B)
Mail : punit.mittal@miet.ac.in
Contact No. -75004 99004

Welcome to your final year. This is a defining phase where you consolidate your knowledge and prepare for your future careers. Focus on applying what you have learned, refining your skills, and taking initiative in projects and research.

Stay confident, remain consistent, and make the most of the opportunities ahead.

We are here to support you every step of the way.

Wishing you success in all your future endeavors.



Ms. Preksha Pratap
(Final Year Program Leader)
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Mail: preksha.pratap@miet.ac.in
Contact No. - 99173 11669



MS. Aarti Verma
(Accreditation Leader)
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Mail: aarti.verma@miet.ac.in
Contact No. - 96900 84243

Our commitment to quality education and continuous improvement remains at the heart of everything we do. Accreditation reflects our dedication to maintaining high academic standards and ensuring a meaningful learning experience.

We encourage you to actively participate, uphold academic integrity, and contribute to a culture of excellence. Your growth and achievements are integral to our success.

Wishing you success in building strong technical foundations.

Welcome to the ISTE Society. This platform encourages innovation, technical excellence, and professional growth. I urge you to actively participate in events, workshops, and collaborative activities that enhance your skills and broaden your perspective. Stay curious, stay creative, and make the most of the opportunities to learn and lead.

Wishing you success in your academic journey.

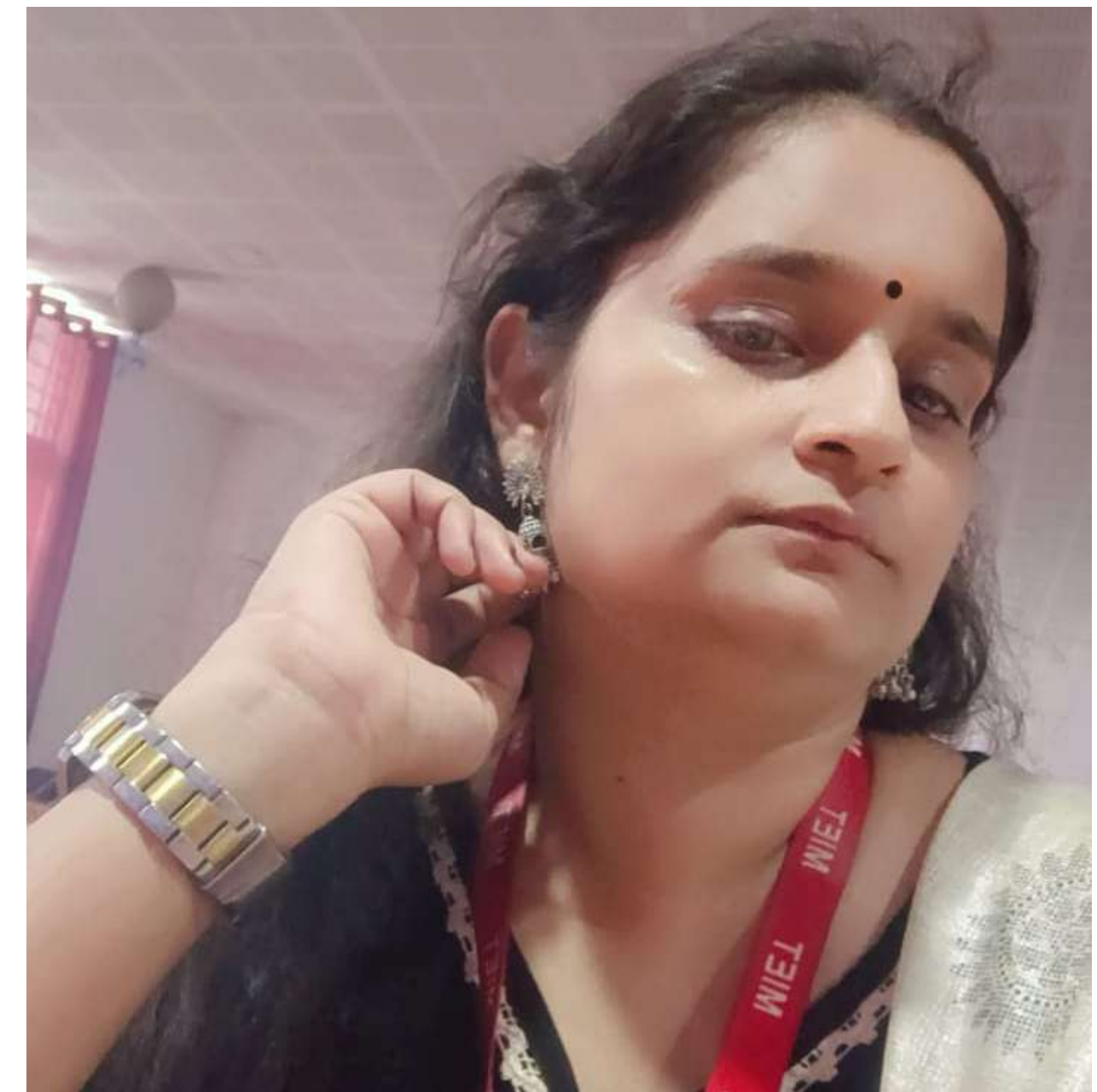


Mr. Rahul Shivhare
(ISTE Coordinator)
Address: M-Block, 6th Floor(601-C)
Mail: rahul.shivhare@miet.ac.in
Contact No. - 73559 98742

As you prepare for your careers in the IT industry, focus on building strong technical skills, problem-solving abilities, and a solid understanding of core concepts. Stay updated with current technologies and industry trends.

Practice regularly, work on projects, and enhance your communication and aptitude skills. We are here to guide and support you throughout your placement journey.

Wishing you success in your journey ahead.



Ms. Preksha Pratap
(Placement Leader - IT)
Address: M-Block, 7th Floor(701-B)
Mail: preksha.pratap@miet.ac.in
Contact No. - 99173 11669



Ms. Parul Kashyap
(Social Media Coordinator)
Address: M-Block, 7th Floor(714-C)
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Contact No - 95682 76651

Our social media platforms are a space to connect, share, and celebrate achievements. Stay engaged, contribute actively, and help showcase the vibrant spirit of our institution.

Let's work together to create a positive and inspiring digital presence.

Together, we can build a positive and impactful digital presence.

ACADEMIC DISCIPLINE

RULES FOR ACADEMIC DISCIPLINE

- 1.The student must register himself/ herself on date and time as notified by the college. In case of failure his/her BONAFIDE STATUS IN THE COLLEGE WILL BE CANCELLED. In order to revive the bonafide status he/she will be required to seek re-admission as per prevalent procedure.
- 2.Every student is required to attend all the lectures, practicals and other co-curricular activities. The attendance is condoned up to 25% on medical ground and other genuine reasons beyond the control of students. Thus, the student enrolled is required to register 75% attendance to become eligible to appear in the sessional tests and End Semester Theory and Practical Examinations.
- 3.Every student must appear in all the tests, complete all assignments including tutorial and project work etc., given by different teachers within the specified time period. Students should bear in mind that internal assessment marks are based on their performance in these academically indispensable aspects and any failure in this regard would be deemed expedient for the student concerned.
- 4.Evaluation of performance in tests, tutorials, assignments and project work if any as well as attendance record shall be made by the faculty for the purpose of award of internal assessment marks. Such marks awarded by the faculty would be final and binding subject to modulation by Dean/Director and no complaint in this regard shall be entertained.
- 5.Late entry and interim/early departure from classroom, lab etc. are strictly prohibited.
- 6.All students must be inside the lecture halls/laboratories during lecture hours and lab sessions.
- 7.Roaming in the corridors, the cafeteria, or any other part of the campus during lectures/ tutorials/ practicals amounts to serious violation of academic code of conduct.
- 8.Students are not allowed to engage in sports/games or any other activities during lectures/ tutorials/ practical classes.

RULES FOR GENERAL DISCIPLINE

- 1.Students are always required to carry their I-Cards.
 - 2.Mobile phones and any other personal electronic gadgets must be switched off in academic domains during any kind of curricular/co-curricular activity.
 - 3.Eatables, tea, coffee, soft drinks or other such items cannot be consumed during academic engagements and in academic places, including classrooms, labs, library, corridors, stair-cases and other areas of this sort.
 - 4.Students must learn and strictly observe normal decency, decorum, guidelines and rules of the Academic Institution on a daily basis.
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DRESS CODE AND ETIQUETTES

1. Students must adhere to decent dress-code befitting the dignity of technical / professional students at all times within the college premises.
 2. Casuals/ jeans/ slippers are not allowed in academic blocks or library.
 3. Wishing/Greeting members of Management, Faculty and Staff of the College with due respect for them.
 4. Being courteous and polite in dealing with all staff-members and employees.
 5. Observing silence and/or speaking in soft and low voice in and around the library, laboratories and office of the Director, the Deans, HODs, Senior Officials, faculty rooms and corridors of the academic building. It must be noted that shouting, talking loudly or in chorus, using indecent, abusive and discourteous language anywhere within the college premises are considered as serious act of indiscipline and punishable as per recommendations of the Disciplinary Committee.
 6. Being considerate and helpful to fellow students and human beings.
 7. Not issuing any public or press statement, sending letters to editors, Government, public servants or notaries without prior permission and approval of the Director, in writing.
 8. Students are not allowed to squat on the parapet walls and engage in gossiping, making noise, and any other untoward activity.
 9. Keeping the status, dignity, prestige and reputation of your alma-mater, i.e. MIET, high and not engaging in anything that might directly or indirectly undermine the standing of the College.
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ACADEMIC PLANNING

Attendance Criteria

(i) Attendance: Attendance of each Class/ Lab/ Tutorial will be marked on ERP Portal and register. In case of mass bunk, all students will be marked absent. All faculty members should submit weekly absentee report to the group leaders.

- Students are encouraged to maintain 100% attendance. Every student is required to attend all the lectures, tutorials, practical and other prescribed curricular and co-curricular activities.
- The attendance criteria for appearing in MT1, MT2 and PUE will be 75%.
- If a student wants to participate in any co-curricular /extracurricular activities in and outside of the campus, he/she has to approve the permission from department and/or Dean SW office in advance.
- Severe medical cases other than above will be submitted to Director of the Institute, by individual departments for approval up to 15% attendance. However, it is mandatory to complete 60% attendance for ESE
- . As per AKTU norms, a minimum of 75% attendance (60% with Director's approval, only in case of pre-approved medical leave) is required to make students eligible to appear in end semester University examination.

Our target is to achieve 95% average attendance in every class.

(ii) Detained: Students will be debarred from appearing in MT's (Mid Term Tests) / PUE on the basis of attendance as per the following criteria:-

- 1.MT-I Students whose average attendance is below 75% and late reporting students.
- 2.MT-II Students whose average attendance is below 75%.
- 3.Students having less than 75% average attendance if allowed to appear in MT's (in special cases), will have to give an undertaking that he/she will maintain minimum 75% average attendance in future classes.

Attendance Requirement

All students of Autonomous Colleges under the University shall maintain a minimum attendance of 85% in each course registered. In case of any short fall in this, the Academic Council of the College shall consider the same and may condone the deficiency in special cases up to 10% condoning is considered, for reasons such as medical grounds, participation in University level sports, cultural activities, seminars, workshops and paper presentation with the permission of the College authorities. Even in such cases, a minimum of 75% attendance is absolutely mandatory. If the student does not meet the attendance requirement, he / she will not be allowed to take up the Semester End Examination.

- 1.The basis for the calculation of the attendance shall be the period prescribed by the Institution through its calendar of events. For late admission (during 1st Semester only) the date of admission would be considered for the calculation of attendance. Parents / Guardians are advised to periodically check the status of the attendance of their ward from the Department.
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2. The students will be informed about their attendance position periodically by the college notifying the status on the notice board before each test/ exam and during the multiple counseling sessions.

3. If a student does not fulfill the attendance requirements, he / she are not permitted to attend the Semester End Examination.

Note: College has made arrangements for notifying the attendance on the notice board and informing the parents.

3. Students or parents / guardians cannot exhibit ignorance for having not received any communication.

It becomes essential for the students to be aware of their respective attendance percentage and to maintain attendance.

Faculty Mentor

The institute follows a well-defined mentoring system in which regular faculty members are assigned as mentors. Each faculty mentor is responsible for a group of approximately **30 students**, ensuring individual attention and continuous academic support.

The mentoring system aims to create a supportive academic environment, help students adapt to college life, and guide them toward overall academic and personal development.

Functions of the Faculty Mentor:

1. Advise and guide students on academic matters, including course planning, study strategies, and examination preparation.
 2. Monitor and evaluate the academic performance of each student on a regular basis.
 3. Identify slow, average, and fast learners and assist them in planning their studies according to their learning pace and abilities.
 4. Provide timely feedback and corrective measures to improve academic outcomes.
 5. Encourage students to participate in co-curricular and extracurricular activities for holistic development.
 6. Address students' academic or personal concerns and refer them to appropriate institutional support services when required.
 7. Act as a **friend, philosopher, and guide**, offering motivation, counselling, and continuous support throughout the student's academic journey at the institute.
 8. Maintain regular interaction with students and, where necessary, with parents/guardians to ensure student progress and well-being.
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1. Teaching Scheme:

The Institution will implement the course syllabi proposed /suggested by the Board of Studies and duly approved by the Academic Council. A semester will last 15 weeks, including time for registration, coursework, and other requirements. A semester total number of teaching days cannot be fewer than 90 days.

2. Induction Program as per AICTE guideline:

- There is a 2-week induction Program for the students entering the institution, right at the start. Normal classes start only after the induction Program is over. The purpose of the Student Induction Program (SIP) is to help new students adjust and feel comfortable in the new environment, inculcate
 - In them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.
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Eligibility for Passing

1. Passing Standards for the Courses of B.Tech. Programs

S. No.	Type of Course	Components of Assessment	Minimum Qualifying Criteria (%)
1	Theory / Blended Courses	End Semester Examination (ESE)	≥ 30 %
		Overall Assessment (ESE+CIE)	≥ 40 %
2	Lab / Internship/ Project/ Viva-voce/ Field Work courses where only CIE is proposed	Overall Assessment (CIE)	≥ 50 %
3	Lab/Internship/ Project/ Viva-voce/ Field Work courses where both CIE and ESE are proposed	Overall Assessment (ESE+CIE)	≥ 50 %
4.	Non-Credit Courses and Skill Enhancement Courses such as Foreign Language, IKS, UHV, Communication Skills, Innovation and Entrepreneurship, Campus to Corporate, COI etc.	Overall Assessment (ESE+CIE)	≥ 40 %

Grading System

- At the end of each semester, the students will be awarded a letter grade in each registered course for the semester. The following guidelines will be followed for the award of grades:
- Grading shall be done on the total marks secured by students in a particular course after adding the various components of evaluation of that course.

Grade Points

- The Letter Grades and their corresponding Grade points are given in the Table below

Grade	Grade Point	Score (Marks) in %	Range	Interpretation
A+	10	≥90	90-100	Outstanding
A	9	≥80 - <90	80-89	Excellent
B+	8	≥70 - <80	70-79	Very Good
B	7	≥60- <70	60-69	Good
C	6	≥50- <60	50-59	Above Average
D	5	≥45- <50	45-49	Average
E	4	≥40-<45	40-44	Poor
FF	0	<40	0-39	Fail
DT				Detained
AB				Absent

FF, AB: When these grades are awarded in any course, then that course shall be considered as a Backlog Course. If a student secured an “FF” grade, he /she has to reappear for the examination.

FF grade: This grade is awarded when a student fails in the evaluation process.

AB grade: This grade is also a backlog to be awarded when a student is absent in the End- Semester Examination.

DT Grade: This grade will be awarded when a student is detained in a course. He/she will not be awarded any grade point.

Grade Points Average

The Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) will be calculated from the grades obtained and credit index and shall be rounded off to 2 decimal places.

Computation of SGPA, CGPA

The following will be the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- a. **Semester Grade Point Average (SGPA):** The performance of a student in a semester is indicated by a number called SGPA. The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by the student in all the courses registered by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \frac{\sum C_i \times G_i}{\sum C_i}$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course considering all courses registered in that Semester (including those with F or AB Grades)

Cumulative Grade Point Average (CGPA): The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the Semesters of a program i.e.

considering all courses registered until $CGPA = \frac{\sum C_i \times G_i}{\sum C_i}$ detail illustration for computation of SGPA and CGPA is explained in (Annexure D).

1. **Conversion of CGPA into Percentage:**

The formula for conversion of CGPA to the percentage of marks is: $CGPA \times 10 =$ Percentage of marks scored

CGPA	Equivalent percentage
5.00	50%
6.00	60%
6.50	65%
7.00	70%
7.50	75%
8.00	80%

1. **Declaration of Results**

Semester Examination results will be declared within 30 days after the last theory/practical examination by the **CoE office**. Result compilation will be done by the **Examination Committee and grade finalization** by the **GMC**. Result Section will prepare TR/Grade cards/ Marksheets/Transcripts/Certificates.

- 1. At the end of each Semester (i.e., After the End Semester Examination) students will be issued a **Grade Card** by the Examination Committee /CoE indicating the grades secured in each course, **SGPA**, and the **latest CGPA**.
 - 2. No representations regarding the results will be accepted after three months from the result declaration date.
 - 3. If an examinee does not rectify discrepancies in their examination registration application within two months of the result declaration, their registration to the examination may be cancelled.
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Disciplinary Measures

1. Ragging

Ragging which is a social evil can cause an ill effect on the student community. This may have a psychological and physical effect on a student. There is no Ragging at MIET, Meerut campus as the administration has taken several steps to curb ragging and indiscipline. With Reference to clause (g) of sub - section (I) of Section 26 of the University Grants Commission Act, 1956 and AICTE notification vide curricular F. No. 37- 3/legal /AICTE/2009 dated 25/03/2009, all regulations will be followed strictly in the Institution to root out ragging in all its forms.

Ragging constitutes one or more of the following acts

1. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.
 2. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.
 3. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.
 4. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.
 5. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
 6. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students.
 7. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, and stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person.
-

1. Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.
2. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Sexual Harassment / Exploitation

This may have a psychological and physical effect on a student such incidents will be reported to the nearest police station and action may be taken as per the law.

Punishments:

Actions to be taken on students who indulge in ragging, sexual harassment/exploitation are:

1. For every single incident of ragging, sexual harassment / exploitation, a First Information Report (FIR) will be filed without exception by the institutional authorities with the local police authorities.
2. Depending upon the nature and the gravity of the offence as established, the possible
3. punishments for those found guilty of ragging shall be any one or any combination of the following:
 - i. Cancellation of admission.
 - ii. Suspension from attending the classes.
 - iii. Debarring from appearing in any test / examination or other evaluation process.
4. Suspension / Expulsion from the hostel. Rustication from the Institution for period of 4 semesters.
5. Expulsion from the Institution and consequent debarring from admission to any other Institution.
6. Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the Institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.

12.3 Campus Discipline

1. The students shall not assist or even associate himself/ herself in any activities which disturbs or is likely to disturb the peace and smooth working of the Institution.
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1. The students shall follow all the rules and regulations laid down by the college authorities / management from time to time.
2. **Students should follow the prescribed dress code of MIET, Meerut while in the campus and have to wear ID card issued by the College.**
3. Unsocial activities like ragging in any form shall not be permitted within or outside the premises of the Institution and the students found indulging in them shall be dealt with severely and dismissed from the Institution.
4. The following additional acts of omission and /or commission by the students within or outside the premises of the college shall constitute gross violation of code of conduct which is punishable.
 - Lack of courtesy and decorum, as well as indecent behavior.
 - Willful damage of property of the Institution / Hostel or fellow students.
 - Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs, smoking.
 - Mutilation or unauthorized possession of library material, like books.
 - Hacking in computer systems (such as entering into other persons' area without prior permission, manipulation and / or damage of computer hardware and software or any other Cyber - Crime etc.).
 - Use of Mobile in the college academic area.
 - Unauthorized fund raising and promoting sales.
 - Any other activity considered by the college as a gross indiscipline.

In each case above, the punishment shall be based on the gravity of offence covering from reprimand, levy of fine, expulsion from Hostel, debar from examination, rustication for a period, to outright expulsions.

The reprimanding authority for an offence committed by students in the Hostels and in the Department or the class room shall be respectively, the Warden of the Hostels and the Head of concerned Department.

Important Note:

These regulations may get revised / amended from time to time based on the approval by the Academic Council and the Governing Body and shall come into force then on and shall be binding on the students, faculty, staff, all authorities of MIET, Meerut and others concerned.

Failure to read and understand the Regulations is not an excuse.**FAQs about Autonomy****1. What is autonomy?**

Autonomy is the freedom granted to select institutions of high standing and repute to develop the curriculum based on the needs of the industry. It is a privilege conferred to an Institution by the MIET/UGC to have independent academic role such as the design of curriculum and Evaluation/Assessment (Conduct of examination). The system is more flexible, robust, precise, and transparent

2. What is the difference between autonomous and non-autonomous institutions?

Autonomous colleges have the freedom to design the curriculum and impart education by providing latest trends to suit to the Industry requirement.

3. How are students benefitted in an autonomous system?

In an autonomous institution curriculum is structured in consultation with the industry considering the core competencies a student needs to have. Students have freedom to decide on the subjects selected for study in a semester. A wide choice of professional electives is provided to enhance competencies. The evaluation system comprises of two components: Continuous Internal Evaluation [CIE] and Semester End Examination [SEE]. The evaluation system is more comprehensive compared to the traditional system.

4. Is the degree obtained in an autonomous system recognized by all companies?

Yes, the degree is awarded by the Visvesvaraya Technological University, Belgaum, which is recognized by all.

5. What is a credit?

One hour of course work in theory is referred to as one credit for one hour/week/semester. Two hours of course work in practical/tutorials is referred to as one credit for one hour/week/semester.

6. How to register for a course?

The course registration form will be available in the department and should be filled at the beginning of each semester under the guidance of faculty advisor (Proctor)/HOD. The filled-up form should be submitted in respective departments.

7. Who is a Proctor?

Proctor is a Faculty advisor assigned by the concerned department and advises the student on all academic and career aspects until the student completes his/her studies in the college.

8. Can a student register after last date?

Students are strictly not allowed to register after the last date. If the student fails to register on or before the last date, he/she may register for next semester / year subject to eligibility as per the regulations.

9. What is the maximum and minimum number of credits allowed in a semester?

In any semester, a minimum of 18 credits is to be registered while the maximum credits are 26. Normally on an average, 20-22 credits are assigned per semester.

Training & Placement Department

The Training and Placement department is provided with a well-equipped Auditorium/ Seminar Hall for pre-placement talk, well-furnished rooms for training, interviews and counselling. The Placement department coordinates with the recruiting companies and handles the entire end to end placement process.

At MIET, students are provided with industry-oriented training through multiple structured initiatives, including the Centre of Excellence (CoE), placement-focused programs, centralized lab facilities, and collaborations with external agencies.

The CoE focuses on emerging technologies such as AWS, Microsoft Azure, Salesforce, UiPath, Artificial Intelligence and Machine Learning, SAP, Cybersecurity, Robotics, Drone and Space Technology, Bosch Automation, Advanced Automation (Festo), and VLSI.

The institute also offers centralized Industrial Automation Labs equipped with PLC, SCADA, and industrial drives to provide hands-on practical exposure.

Placement-oriented training is conducted in key areas like Java, Python, Data Structures and Algorithms (DSA), and other industry-relevant subjects.

Additionally, MIET collaborates with organizations such as EduSkills, EduNet, ICT Academy, Infosys Springboard, Anudip Foundation, and NITT Foundation to enhance students' skills and employability.

Placement Training activities

- i. The Training and Placement Cell is also committed to enhance the employability skills of the students by organizing following training programs.
- ii. Organizing Aptitude training programs to enhance quantitative, verbal, logical & reasoning skills
- iii. Organizing soft-skills training to improve the student's personality, Confidence level, Public Speaking skills, Conducting Mock Interviews, Group discussions.
- iv. Organizing subject/domain specific Technical Skills Training by Experts. Career counselling for pursuing higher studies.
- v. Organizing entrepreneurship development programs to motivate the Students to become Entrepreneurs.

Training modules delivered:

Goal-setting, Personality traits, Staying Positive, Self-motivation, Self-awareness, Learning skills, Effective communication skills, Time management, Interpersonal skills, Personal grooming, Emotional quotient, Body language, Human Relation, Creativity, Customer Relations Management, Team building, Problem solving and decision-making, Leadership. skills, Public Speaking, Presentation skills, Negotiating skills, Self-management Cross-culture – communication and Corporate Culture, Interview / GD skills, Finance for Non – Finance, Sales training, Business etiquette, Managing stress etc.,

Placement Department:

Meerut Institute of Engineering and Technology has been working with many Companies for more than two decades for Students Internships and Placements. More than 400+ Companies have been visiting us every year for Campus Placements. We have signed MOU with more than 100+ Companies for helping students with projects Internships Industrial visits / Research / Placements. We have been achieving record placements over the years. The Placement Cell coordinates with recruiting companies and handles the entire end to end placement process.

Students are eligible to attend the campus placement during 6th /7th Semester.

Placement Policy:

1. Students should follow the eligibility criteria & guidelines issued from the placement office time to time.
2. Students are **allowed to get one offer of core company.**

Once the student is placed in a Company through the Campus / Off Campus drive, Student can't participate in any other companies with the same CTC range, unless it is notified by the Placement office Dream Offer etc.,

It is hereby informed to all the students to prepare on the following to excel in campus selection:

1. Students to Solve Aptitude (Quantitative & Reasoning) Questions / Take online tests to improve your skills.
 2. Improve programming skills using online coding platforms. (Code tantra, Hacker Rank, Hacker Earth, Zeet Code, CodeCheff, etc.).
 3. We check students aptitude technical & coding skills using AMCAT and COCUBE test etc.
 4. Students who are weak in English communication skills are informed to improve Communication skills to excel in the interview. (Group discussion, Technical & Personal rounds)
 5. Students prepare on core technical subjects before attending any campus placements to excel in technical rounds.
 6. Read newspapers / Watch News channels & be aware about current affairs of national & global. (Helps to excel in GD)
 7. Practice GD among your friends.
 8. Do a certification course on the latest Technology on your domain.
 9. Be well versed with online platforms like zoom, Microsoft team, google meet as some interview processes will be conducted virtually.
-

10. Students must have a laptop with a webcam with the latest configuration. Good internet bandwidth, Battery backup to take the Online tests / Virtual interviews from home.

11. Students are informed not to indulge in malpractice during the online test.

12. Students should not take any one's assistance during the virtual interview.

1. Students must be seated in a room where there will not be any kind of disturbance. While taking the test or interview you should be alone in the room.
2. Students who are not having PAN CARD, AADHAR CARD, VOTER ID and PASSPORT, kindly apply and get the same before you complete 4th Semester. To register for a few companies, the above documents are mandatory.
3. Each student must have a college id card, Photo should be visible properly in the Id card and if damaged (your college id card), kindly apply and get a new id card from the ID card section in the Heritage building.
4. During Online test or Interview process do not help your friends. (It will be considered as malpractice)
5. During online test or interview process do not use ChatGpt, you will be debarred from the campus placements.
6. For every campus drive online test or full process students must wear formal dress only.
7. Any doubts / clarifications feel free to contact Placement department.

Hope you will enjoy your 4 years Engineering course journey @ MIET.

Wishing you all the best!!!

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Central Facilities in MIET

| Sr. No. | Central Facility                                                                                                                             | Faculty Coordinator                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
|         |                                                                                                                                              | Name                                         |
| 1       | AICTE Idea Lab                                                                                                                               | Ms. Mohini Preetam Singh, AP - CSE (AIML)    |
| 2       | MIET Incubation Forum, WENN, E-Cell (separately for all 3)                                                                                   | Mr. Rehan Ahmed CEO & Ms. Vanshikha Yadav    |
| 3       | FESTO Industrial Automation and Industry 4.0                                                                                                 | Dr. Rajesh Kumar Maurya                      |
| 4       | BOSCH-MIET JOINT CERTIFICATION CENTRE                                                                                                        | Mr. Shailendra Bhati, AP - ME                |
| 5       | Robotics Lab & Drone Lab                                                                                                                     | MS. Abhilasha Jain, AP - ECE                 |
| 6       | SAT Lab                                                                                                                                      | Mr. Anurag Aeron, Prof.- CSE                 |
| 7       | SIEMENS Industrial Automation Lab                                                                                                            | Mr. Avinash Kumar, AP - EE                   |
| 8       | DST FIST Centre                                                                                                                              | Dr. Neha Singh, Assoc. Prof. - BT            |
|         | MIET ACIC (Atal Community Innovation Centre)                                                                                                 | Mr. Prashant Kr. Gupta, CEO                  |
| 9       | Central for Pre-Clinical Research (CPCR), Centre for Chemical Research & Development (CCRD), Centre for Neurological Disease Research (CNDR) | MS. Garima Agarwal, AP - Pharmancy           |
| 10      | Software Development Centre                                                                                                                  | Dr. Mohd. Kashif Qureshi, Prof. - CSE (AIML) |

Centre of Excellence in MIET

| Sr. No | Name of Technology /<br>Centre of Excellence | SPOC / Faculty Coordinator |        |            |
|--------|----------------------------------------------|----------------------------|--------|------------|
|        |                                              | Name                       | Dept.  | Mobile no  |
| 1      | C AND PYTHON                                 | Dr. Pradeep Pant           | CSE    | 9412106183 |
| 2      | AWS                                          | Mr. Jagbeer Singh          | CSE    | 9528165242 |
| 3      | WIPRO TALENT NEXT/JAVA                       | Dr. Krishan Kumar          | CSE-DS | 9412837080 |
| 4      | CYBER SECURITY                               | Dr. Brijesh Kr. Gupta      | MCA    | 8527466641 |
| 5      | AI/ML/DATA SCIENCE                           | Mr.Vijay Kumar Sharma      | CSE    | 9450767356 |
| 6      | MICROSOFT AZURE                              | Mrs. Meetu Rani            | IOT    | 8871371428 |
| 7      | SALESFORCE                                   | Mr. Akhilesh Pandey        | CSE-AI | 9389662873 |
| 8      | IOT                                          | Dr. Pushp Raj              | IOT    | 8901290473 |
| 9      | UI PATH                                      | Dr. Punit Mittal           | CS&IT  | 7500499004 |
| 10     | IBM                                          | Mr. Rohit Aggarwal         | DS     | 9521521544 |
| 11     | SAP                                          | Mr. Rahul Sharma           | ME     | 9027996420 |
| 12     | Texas Instrument                             | Dr. Priyank Sharma         | ECE    | 9837087423 |
| 13     | AIMA                                         | Dr. Priyanka Dalmia        | MBA    | 9639836889 |
| 14     | CoE in VLSI Design                           | Dr. A.K. Singh             | ECE    | 9639836889 |

## Bachelor of Technology

Computer Science & Engineering

Computer Science

Information & Technology

CSE-Artificial Intelligence and Machine Learning CSE-

Artificial Intelligence

CSE-Data Science

- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Chemical Engineering
- Mechanical Engineering
- Civil Engineering
- Biotechnology

## Master of Technology

Computer Science & Engineering

Electronics & Communication Engineering Biotechnology

## Bachelor of Pharmacy

## Master of Pharmacy

Pharmaceutics

Pharmacology

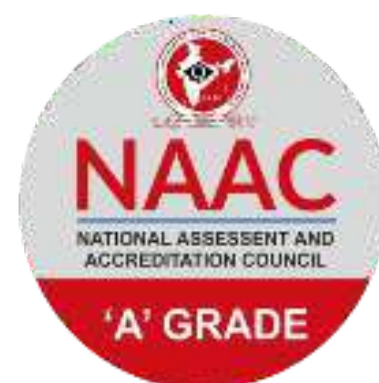
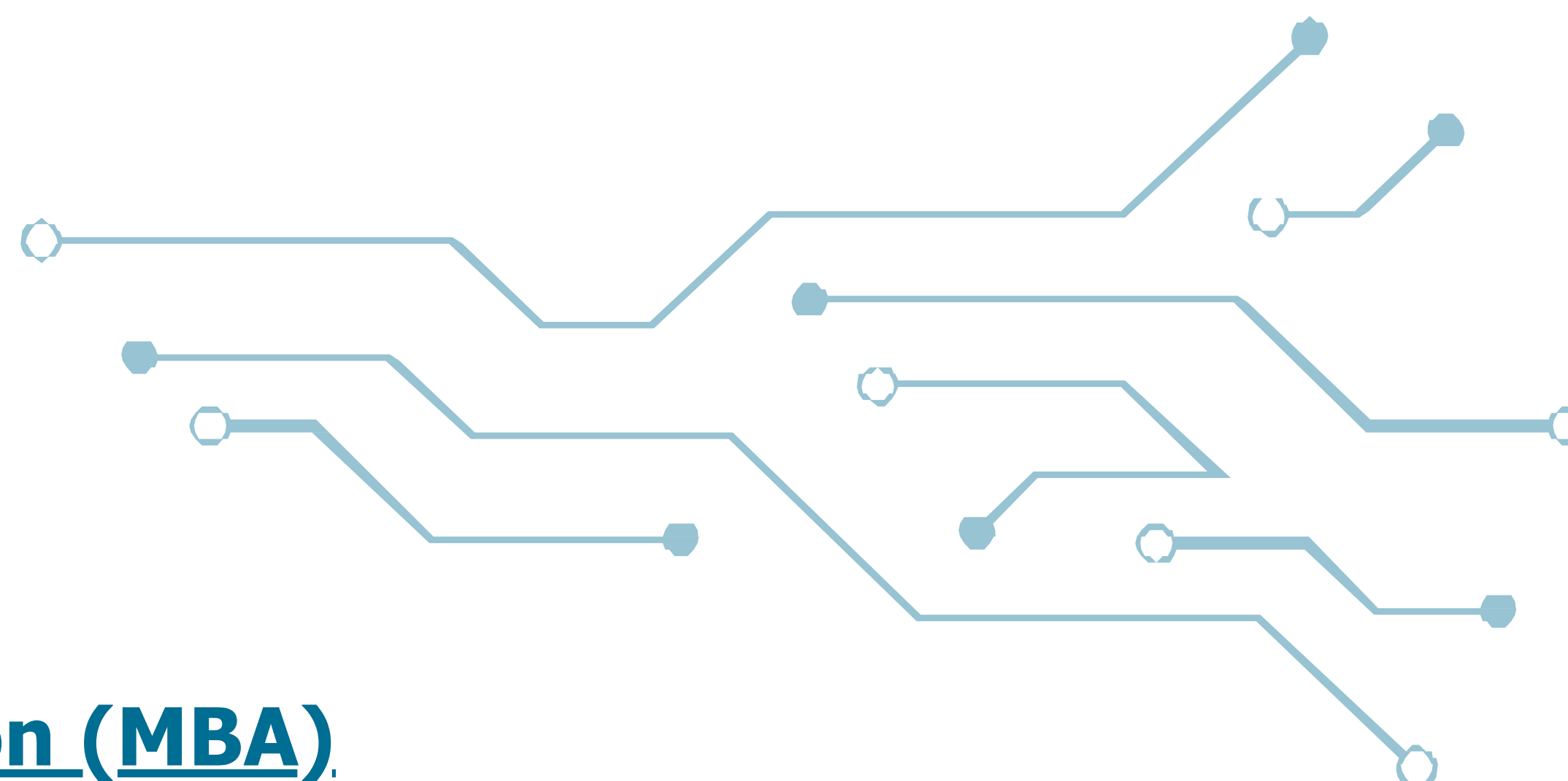
## Master of Business Administration (MBA)

## Master of Computer Application (MCA)

## PhD Courses in various departments

(AKTU Approved Research centers) with facilities for research in emerging and thrust areas under the guidance of AKTU approved Supervisors.

- Computer Science & Engineering
- Biotechnology
- Electronics & Communication Engineering
- Pharmacy
- MBA
- MCA



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| Glossary Abbreviations |                                                |
|------------------------|------------------------------------------------|
| MIET                   | Meerut Institute of Engineering and Technology |
| AICTE                  | All India Council for Technical Education      |
| UGC                    | University Grant Commission                    |
| MHRD                   | Ministry of Human Resource and Development     |
| MTE                    | Mid Term Examination                           |
| PUE                    | Pre University Examination                     |
| CIE                    | Continuous Internal Evaluation                 |
| ESE                    | End Semester Examination                       |
| SGPA                   | Semester Grade Point Average                   |
| CGPA                   | Cumulative Grade Point Average                 |



**An Autonomous Institute**

Established in 1997, Meerut Institute of Engineering & Technology (MIET) is a premier engineering institution in Uttar Pradesh, consistently ranked among the top colleges by Dr. A.P.J. Abdul Kalam Technical University (AKTU). The institute offers a dynamic academic environment, supported by a strong alumni base placed in 500+ reputed companies and an excellent placement record with steadily rising salary packages.

