

RESOURCE BOOK

**BACHELOR OF TECHNOLOGY
CSE(DATA SCIENCE) 2026-27**



**MEERUT INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

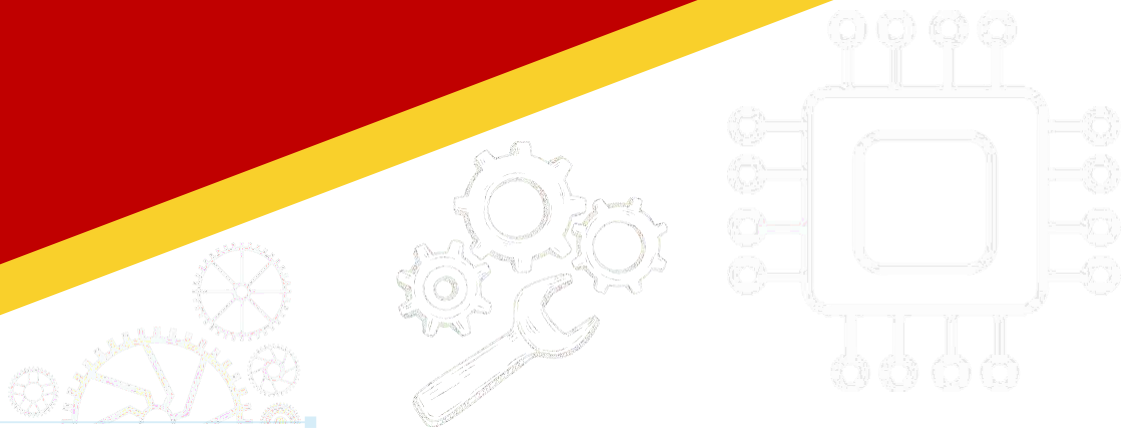
An Autonomous Institute

(Affiliated to Abdul Kalam Technical University,

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

RESOURCE BOOK

BACHELOR of Technology 2026-27



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

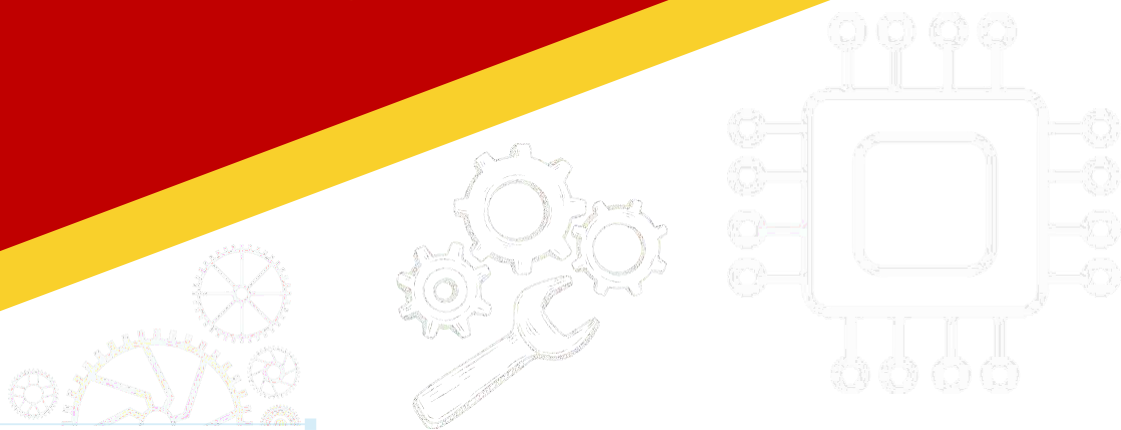
The mission of the institute is to educate young aspirants in various technical fields to fulfill the global requirement of human resources by providing sustainable quality education, training, and an invigorating environment besides molding them into skilled competent, and socially responsible citizens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

MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Meerut Institute of Engineering & Technology, N.H. 58, Delhi-Roorkee Highway,
Baghpat Road Bypass Crossing, Meerut - 250005. UP (India)

STUDENT's RESOURCE BOOK

BACHELOR of Technology 2026-27



Objective

The objective of the institute is to have the necessary instruments and resources to deliver technical manpower that not only meets the local industry requirements but is also an acceptable human resource for the global job market in Management & Technology. As well as create masters in the field of Computer Applications and other technological sectors. We aim to provide quality technical education facilities to every student admitted to the institute along with the development of the all-round personality of the students. To be a technically high and professional institute, we ensure to provide the most competent staff and excellent support facilities like a well-equipped library, lecture theaters, and computer and scientific laboratories fitted with high-quality equipment. The institute organizes in-house and outside training programs, seminars, conferences, and workshops continuously and encourages the participation of staff and students to improve its Academic Pedagogy through innovative ideas and techniques to impart quality education. To fill the perception gap between the expectations of industry and the preferences of academia through the industry institute cell, we organize interactive sessions on campus. To produce competitive professionals for meeting the upcoming demands of the nation, the institute will always remain dedicated to the social causes of the public of this region.

MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Meerut Institute of Engineering & Technology, N.H. 58, Delhi-Roorkee Highway,
Baghat Road Bypass Crossing, Meerut - 250005. UP (India)

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**.

B.Tech Programs Offered

MIET is approved by AICTE and PCI, New Delhi, and affiliated with Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow. It offers a wide range of undergraduate engineering programs:

Civil Engineering • Electrical Engineering • Information Technology • Biotechnology • Chemical Engineering • Electronics & Communication Engineering • Mechanical Engineering • Computer Science & Engineering • Computer Science • Computer Science & Engineering (Data Science) • Computer Science & Engineering (Artificial Intelligence) • Computer Science & Engineering (Artificial Intelligence & Machine Learning)

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

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.



Shri Puneet Agarwal

Vice- Chairman, MIET

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

1.6 Message from Director Training and Placement

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.



Ms. Akanksha Agarwal
(Director Training and Placement)

MAIN DIGNITORIES

S.No.	Name	Designation
1	Prof. (Dr.) Sanjay Kumar Singh	Director
2	Prof. (Dr.) Sanjeev Singh	Dean Academics
3	Prof. (Dr.) Honey Tomar	DSW
4	Prof. (Dr.) Rana Top Singh Pundir	Chief Proctor
5	Prof. (Dr.) Krishan Kumar	Head of the Dept.(HoD) CSE-Data Science
7	Mr. S.P. Singh	Registrar
8	Prof. (Dr.) R. S. Tomar	COE
9	Dr. Rajesh Singh	Chief warden
10	Mr. Gaurav Kansal	Associate Dean Training
10	Mr. Rohit Aggarwal	Associate Dean - Training & IPR Cell In-charge
11	Mr. Hemant Kumar Baranval	Program Leader Final Year, Time Table Coordinator, AWS Trainer
12	Mr. Amod Kumar	Program Leader Third Year, ERP Coordinator,
13	Mr. Rajeev Kumar	Program Leader Second Year, Java and DSA Trainer
14	Mrs. Shivani Pandey	Program Leader Research and Development, Department Project Coordinator
15	Mr. Aqib Akhtar Zia	Program Leader Training and Placement, Proctor
16	Ms. Juhi Shahi	Co-Program Leader Training and Placement

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.



Dr. Sanjay Kumar Singh
Director, MIET

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.



Dr. Sanjeev Kumar Singh
Dean Academics, MIET

Message from Associate Dean CSE Allied Branches and HOD CSE-DS, MIET

Dear Students,

Dear Students,

I warmly welcome you to the Computer Science & Information Technology stream and congratulate you on beginning this new phase of your academic journey. This is the foundation stage where you will develop essential knowledge, skills, and a problem-solving mindset.



Wishing you a successful career.

Dean CSE Allied Branches

Mail: hodds@miet.ac.in

Contact No.- 9412837080



Mr. Gaurav Kansal

(Associate Dean Training)

Mail: assodean.training@miet.ac.in

Contact No.- 8860635285

Message from Associate Training, MIET

Dear Students,

Welcome to MIET. As you embark on your academic journey, it is essential to focus not only on academics but also on skill development and industry readiness. Training and continuous learning play a vital role in shaping your future career.

You are encouraged to actively participate in training programs.

Wishing you a successful career.

Dear Students,

Welcome to MIET. As you embark on your academic journey, it is essential to focus not only on academics but also on skill development and industry readiness. Training and continuous learning play a vital role in shaping your future career. We encourage you to actively participate in all academic and training activities organized by the institute. Make the most of every opportunity to learn, grow, and prepare yourself for a successful career.

Wishing you a successful and a bright placement future ahead.



Mr. Rohit Aggarwal

(Associate Dean - Training)

Mail: rohit.aggarwal@miet.ac.in

Contact No.- 9997798468



Prof. (Dr.) R. T. S. Pundir
(Chief Proctor)

Mail: proctor@miet.ac.in

Contact No.- 9412540291

Welcome to MIET. Discipline and a respectful environment are essential for your academic and personal growth. I urge you to follow institute rules, maintain decorum, and uphold the values of integrity and responsibility.

Be mindful, cooperative, and considerate towards others. Together, let us create a safe and positive campus atmosphere.

Wishing you a disciplined and successful journey at MIET.



Prof. (Dr.) Honey Tomar
(Dean Student Welfare)

Mail: honey.tomar@miet.ac.in

Contact No.- 8433115833

Welcome to MIET. Your well-being and overall development are our priority. Along with academics, focus on maintaining a healthy balance between studies, activities, and personal growth.

Participate actively in clubs, sports, and cultural events to build confidence, teamwork, and leadership. Reach out whenever you need support—we are here for you. Stay positive, responsible, and make the most of your campus life.

Wishing you a happy and fulfilling journey at MIET.

Welcome to MIET. As you begin your academic journey, ensure timely completion of all academic and administrative requirements. Stay informed about institute rules, schedules, and procedures.

Maintain discipline, adhere to guidelines, and make effective use of the support services available to you.

Our office is always here to assist you.

Wishing you a smooth and successful academic journey.



Mr. S. P. Singh
(Registrar)

Mail: registrar@miet.ac.in

Contact No.- 9456041541



Prof. (Dr.) R. S. Tomar
(COE)

Mail: centr.superintendent@miet.ac.in

Contact No.- 7906092952

Examinations are an important part of your academic journey, reflecting your understanding, discipline, and consistency. Prepare sincerely, follow the examination guidelines, and maintain integrity in all assessments.

Stay updated with schedules, adhere to instructions, and approach exams with confidence and a positive mindset.

Wishing you success in all your examinations.

Welcome to the MIET hostels. This is your home away from home—maintain cleanliness, discipline, and mutual respect to ensure a safe and comfortable living environment.

Follow hostel rules, be considerate towards fellow residents, and use this time to build lifelong friendships and good habits.

We are here to support you—feel free to reach out whenever needed.

Wishing you a pleasant and enriching hostel life.



Dr. Rajesh Kumar
(Chief Warden)

Mail: chiefwarden@miet.ac.in

Contact No.- 9650830507

As a Program Leader, our collective goal is to ensure continuous academic excellence, professional growth, and holistic development of our students. Our focus remains on enhancing academic outcomes through improved marks, and achieving university ranks. Simultaneously, we strive to strengthen placement performance by increasing the average, median, and highest packages, along with overall placement percentages.

Wishing you successful careers and responsible citizenship.



Mr. Hemant Kumar Baranval
(Program Leader 4th(Final) Year, Time Table Coordinator, AWS Trainer)

Mail: hemant.baranval@miet.ac.in

Contact No. - 8368231232



Mr. Amod Kumar(Program Leader 3rd Year, DQAC & ERP Coordinator)

Mail: amod.kumar@miet.ac.in

Contact No. - 6299002405

We are here to support you in building a strong foundation in academics. You can rely on us for conceptual clarity, academic guidance, and Our focus remains on enhancing academic outcomes through improved pass percentages, higher average marks, and achieving university ranks..

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

Wishing you success in your academic journey.

The second year is a crucial phase in your engineering journey. It lays the foundation for your core knowledge, skills, and future opportunities. Stay focused, consistent, and curious in your learning. Attend classes regularly, participate actively, and make the most of every resource available to you. Build strong fundamentals, enhance your technical skills. Time management, and a positive attitude will take you a long way. Don't hesitate to seek guidance whenever needed – we are here to support you.

Wishing you successful academic year ahead.



(Mr. Rajeev Kumar
(Program Leader 2nd Year
Mail: amod.kumar@miet.ac.in

Contact No. - 6299002405

In today's data-driven era, the Department of Data Science is committed to fostering a strong culture of research that goes beyond traditional classroom learning. We encourage students to actively engage in research through projects, surveys, and interdisciplinary exploration, focusing on emerging domains such as Artificial Intelligence, Machine Learning, Big Data Analytics, and Ethical AI. We are here to support you with guidance, and support in research. Stay curious and apply concepts to real-world systems.

Wishing you success in your academic journey.



Mr. Aqib Akhtar Zia

(Program Leader Training and Placement, Department Proctor)

Mail: aqib.akhtar@miet.ac.in

Contact No. - 8077316780

Stay updated with emerging trends in Electronics Engineering. Focus on understanding evolving technologies and their real-world applications.

We are here to guide you with insights, resources, and academic support. Stay curious, explore, and keep learning.

Wishing you success in your academic journey.



Mrs. Shivani Pandey

(Program Leader Research & Innovation and Project Coordinator)

Mail: shivani.pandey@miet.ac.in

Contact No. - 8279592527

The Training and Placement Cell is committed to providing you with the best opportunities and guidance. However, your dedication, discipline, and willingness to learn will ultimately define your success. We are here to support you with guidance, practice, and skill development. I encourage each one of you to remain disciplined, focused, and proactive in your academic pursuits.

Wishing you all the very best for your future endeavors.



Ms. Juhi Shahi

(Dept. Co-Coordinator Training and Placement)

Mail: juhi.shahi@miet.ac.in

Contact No. - 90279999350

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.

Dress Code and Etiquettes

- a) Students must adhere to decent dress-code befitting the dignity of technical / professional students at all times within the college premises.
- b) Casuals/ jeans/ slippers are not allowed in academic blocks or library.
- c) Wishing/Greeting members of Management, Faculty and Staff of the College with due respect for them.
- d) Being courteous and polite in dealing with all staff-members and employees.
- e) 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.
- f) Being considerate and helpful to fellow students and human beings.
- g) 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.
- h) Students are not allowed to squat on the parapet walls and engage in gossiping, making noise, and any other untoward activity.
- i) 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.

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:-

- (a) MT-I Students whose average attendance is below 75% and late reporting students.
- (b) MT-II Students whose average attendance is below 75%.
- (c) 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.

- a. 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.

- b. 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.
- c. 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.

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:

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

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.

Department Orientation Program

There is an Department Orientation Program for the students entering the department from first year, right at the start. Normal classes start only after the orientation Program. The purpose of the Department Orientation Program (DOP) is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the department, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

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)	$\geq 30 \%$
		Overall Assessment (ESE+CIE)	$\geq 40 \%$
2	Lab / Internship/ Project/ Viva-voce/ Field Work courses where only CIE is proposed	Overall Assessment (CIE)	$\geq 50 \%$
3	Lab/Internship/ Project/ Viva-voce/ Field Work courses where both CIE and ESE are proposed	Overall Assessment (ESE+CIE)	$\geq 50 \%$
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)	$\geq 40 \%$

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	$\geq 80 - < 90$	80-89	Excellent
B+	8	$\geq 70 - < 80$	70-79	Very Good
B	7	$\geq 60 - < 70$	60-69	Good
C	6	$\geq 50 - < 60$	50-59	Above Average
D	5	$\geq 45 - < 50$	45-49	Average
E	4	$\geq 40 - < 45$	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.

$$\text{SGPA (S}_i\text{)} = \frac{\sum C_i \times G_i}{\sum C_i}$$

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.

$$CGPA = \frac{\sum C_i \times G_i}{\sum C_i}$$

considering all courses registered until that Semester.

1. Conversion of CGPA into Percentage:

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

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.

- A. 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**.
- B. No representations regarding the results will be accepted after three months from the result declaration date.
- C. 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.

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

- a. 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.
- b. 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.
- c. 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.
- d. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.
- e. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students.
- g. 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.

- h. 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.
- i. 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:

- a. 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.
- b. Depending upon the nature and the gravity of the offence as established, the possible punishments for those found guilty of ragging shall be any one or any combination of the following:
 - 1. Cancellation of admission.
 - 2. Suspension from attending the classes.
 - 3. Debarring from appearing in any test / examination or other evaluation process.
- c. Suspension / Expulsion from the hostel. Rustication from the Institution for period of 4 semesters.
- d. Expulsion from the Institution and consequent debarring from admission to any other Institution.
- e. 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.

2. The students shall follow all the rules and regulations laid down by the college authorities / management from time to time.
3. **Students should follow the prescribed dress code of MIET, Meerut while in the campus and have to wear ID card issued by the College.**
4. 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.
5. 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

a. 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

b. 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.

b. 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.

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

Yes, the degree is awarded by the AKTU, Lucknow, which is recognized by all.

e. 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.

f. 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.

g. 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.

h. 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.

i. 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

- The Training and Placement Cell is also committed to enhance the employability skills of the students by organizing following training programs.
- Organizing Aptitude training programs to enhance quantitative, verbal, logical & reasoning skills
- Organizing soft-skills training to improve the student's personality, Confidence level, Public Speaking skills, Conducting Mock Interviews, Group discussions.
- Organizing subject/domain specific Technical Skills Training by Experts. Career counselling for pursuing higher studies.
- 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(MIET) 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, Code Cheff, 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.
13. 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.
14. 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.
15. 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.
16. During Online test or Interview process do not help your friends. (It will be considered as malpractice)
17. During online test or interview process do not use ChatGpt, you will be debarred from the campus placements.
18. For every campus drive online test or full process students must wear formal dress only.
19. 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       | SIMENS 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 - Pharmacy            |
| 10      | Software Development Centre                                                                                                                  | Dr. Mohd. Kashif Qureshi, Prof. - CSE (AIML) |

**Centre of Excellence in MIET**

| Sr. No | Name of Technology / 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   | 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   | 9389662873 |
| 8      | IOT                                       | Dr. Pushp Raj              | IOT   | 8901290473 |
| 9      | UI PATH                                   | Mr. Punit Mittal           | CS&IT | 7500499004 |
| 10     | IBM                                       | Mr. Rohit Aggarwal         | DS    | 9521521544 |
| 11     | SAP                                       | Mr. Rahul Sharma           | ME    | 9027996420 |
| 12     | Texax 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

Computer Science & Engineering – Artificial Intelligence and Machine Learning (AIML)

Electronics & Communication Engineering Biotechnology

## Bachelor of Pharmacy

## Master of Pharmacy

Pharmaceutics

Pharmacology

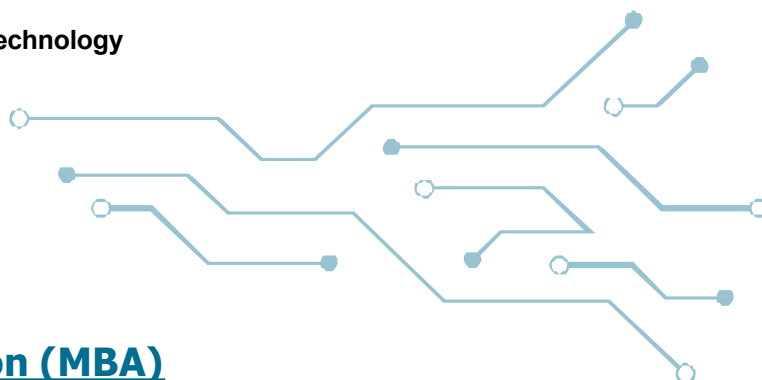
## Master of Business Administration (MBA)

## 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



| 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                 |