



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.),
INDIA

Deemed University
(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ GRADE



Department of Engineering Mathematics & Computing

Report: MAC Orientation Program

Title of the Programme: Orientation Program of MAC-2024 Batch II sem.

Date: 03/02/2025

Venue: SH- 9, and SH-10

Number of Participants: 137

Objectives of the Orientation Program

The orientation program was designed with the following key objectives:

1. To Welcome and Familiarize Students:
 - Provide students with an understanding of the institutional values, academic environment, and faculty.
2. To Introduce Academic Curriculum and Policies:
 - Explain the B. Tech MAC II Semester curriculum, credit system, examination rules, and evaluation process.
3. To Educate Students on Institutional Guidelines and Regulations:
 - Inform students about the rules and regulations for academic integrity, plagiarism, and disciplinary measures.
4. To Enhance Student Engagement and Interaction:
 - Enable students to interact with faculty members, department heads, and proctors for academic and personal guidance.
5. To Promote Research and Project-Based Learning:
 - Encourage students to participate in projects, internships, and innovation programs for practical exposure.
6. To Provide Information on Career and Placement Opportunities:
 - Introduce students to training and placement cell activities, industry collaborations, and career guidance resources.
7. To Highlight Extracurricular and Co-Curricular Activities:
 - Familiarize students with clubs, NSS programs, SWAYAM/NPTEL courses, and other skill-development opportunities.
8. To Ensure Smooth Transition into the New Semester:
 - Address any student concerns regarding academic challenges, mentor-mentee programs, and remedial classes.

Program Schedule and Highlights

The orientation program followed a structured schedule covering essential aspects of academic and professional development.

Session Overview

1. Mandatory Offline Registration (10:30 AM - 11:00 AM)
 - Conducted by Dr. Barkha Tiwari, the session ensured all students completed their registration process.
2. Interaction with Head of the Department (11:00 AM - 11:15 AM)
 - Dr. D.K. Jain, Head of the Department, welcomed students and provided an overview of the department's vision, mission, and key academic initiatives.
3. Vision and Mission (11:15 AM - 11:30 AM)
 - Dr. V.P. Shinde explained the institutional and departmental vision, emphasizing the role of students in achieving academic excellence.
4. Introduction to Scheme & Syllabus (11:30 AM - 11:50 AM)
 - Dr. Atul Kumar Ray and Dr. D.K. Jain outlined the academic curriculum, including core and elective courses, credit system, and evaluation methods.
5. Rules & Regulations of Examination Process (11:50 AM - 12:00 Noon)

- Faculty from the Examination Cell guided students through examination procedures, grading policies, and academic integrity expectations.
- 6. OBE, Minors/Honors, and Mentor-Mentee Scheme (12:00 Noon - 12:10 PM)
 - Dr. J.K. Muthale and Dr. Lav K. Singh elaborated on the Outcome-Based Education (OBE) framework, the process of earning minors/honors degrees, and the mentor-mentee system.
- 7. Interaction with Proctor/Associate Proctor (12:10 PM - 12:20 PM)
 - Dr. Vishal Chaudhary discussed student conduct, disciplinary guidelines, and the role of proctors in ensuring student welfare.
- 8. Project (12:20 PM - 12:30 PM)
 - Dr. Minakshi Dahiya and Dr. Atul Kumar Ray introduced students to project-based learning, research opportunities, and project evaluation criteria.
- 9. Plagiarism (12:30 PM - 12:40 PM)
 - Dr. Barkha Tiwari emphasized the importance of academic honesty and provided insights into plagiarism detection tools and consequences.
- 10. Workshop/Seminar, Internship, Startup and Innovation Cell (12:40 PM - 12:50 PM)
 - Dr. Atul Kumar Ray and Dr. Lav K. Singh highlighted available opportunities for skill development through workshops, internships, and startup initiatives.
- 11. Training and Placement Cell (12:50 PM - 1:00 PM)
 - Dr. V.P. Shinde and Dr. J.K. Muthale discussed placement strategies, internship programs, and industry collaborations.
- 12. Session about SWAYAM/NPTEL and Self-Learning (1:00 PM - 1:10 PM)
 - Dr. Minakshi Dahiya introduced SWAYAM and NPTEL, highlighting the importance of self-paced learning and certification courses.
- 13. Remedial Class and Weekly Quizzes (1:10 PM - 1:20 PM)
 - Dr. Divya Chaturvedi explained the provisions for remedial classes and periodic assessments to support students academically.
- 14. NSS, Clubs, and NEC Courses (1:20 PM - 1:30 PM)
 - Dr. Vijay S. Sharma and Dr. S.K. Bhardwaj discussed extracurricular engagement, community service through NSS (National Service Scheme), and student clubs.
- 15. Feedback Process/Activity (1:30 PM - 1:35 PM)
 - Dr. D.K. Mishra conducted a brief session to collect student feedback on the orientation program.





Key Outcomes of the B.Tech MAC II Semester Orientation Program

The orientation program successfully achieved the following key outcomes:

1. Enhanced Understanding of Academic Structure
 - Students gained clarity on the B.Tech MAC II Semester curriculum, course structure, credit system, and examination guidelines.
2. Awareness of Institutional Policies and Regulations
 - Students were informed about academic integrity, plagiarism policies, examination rules, and disciplinary regulations.
3. Improved Student-Faculty Interaction
 - Students had the opportunity to interact with faculty members, including the Head of the Department, proctors, and academic advisors, addressing their academic concerns.
4. Increased Awareness of Research and Project-Based Learning
 - The sessions on projects, internships, and the Startup & Innovation Cell encouraged students to engage in research and hands-on learning.
5. Career and Placement Guidance
 - Students received insights into placement opportunities, internship programs, industry collaborations, and professional skill-building.
6. Exposure to Extracurricular and Co-Curricular Activities
 - Students were introduced to student clubs, NSS (National Service Scheme), and NEC courses, promoting holistic personality development.
7. Encouragement for Self-Learning and Online Courses
 - Students learned about SWAYAM, NPTEL, and other online certification programs, fostering self-paced and lifelong learning.
8. Understanding of Remedial Classes and Assessment Strategies
 - Students became aware of the weekly quizzes, remedial classes, and mentoring programs available to support academic excellence.
9. Awareness of Ethical Academic Practices
 - A dedicated session on plagiarism and academic honesty reinforced the importance of maintaining ethical standards in academic work.

Dr. Barkha Tiwari & Dr. Vijay S. Sharma
Coordinators of 1st Year MAC

Dr. D K Jain
Prof. & Head Engineering Mathematics & Computing