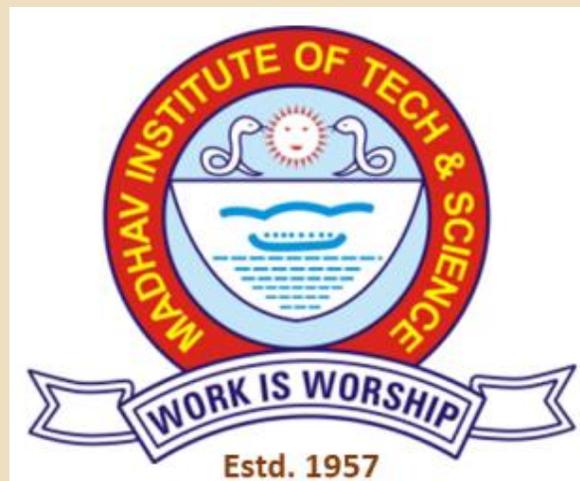


Report
on
Student Orientation Program
For
B. Tech in Internet of Things (IoT)
II Year
Academic Session: July-Dec 2025





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

Deemed University
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Centre for Internet of Things

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About the Program

The Centre for Internet of Things conducted an orientation program for second-year B.Tech Internet of Things (IoT) students to help them transition smoothly into the new academic phase. The sessions covered key topics such as the academic calendar, curriculum structure, evaluation and examination procedures, and Outcome-Based Education (OBE). Students were briefed on the importance of regular semester registration, class attendance, and participation in remedial and special classes. The significance of communication skills, mandatory workshops, and SWAYAM/NPTEL courses with credit transfer options was emphasized., professional certification courses, project work, internships, and participation in technical clubs. Students were also guided on providing fair feedback and maintaining academic discipline and integrity. The program concluded with reflections on first-year experiences and a feedback session to gather student input for future improvements.



Objective

1. Motivate students to align with academic and career goals through an inspiring address.
2. Familiarize students with the academic calendar, curriculum, and dynamic content.
3. Explain evaluation methods, examination rules, and summer semester provisions.
4. Emphasize the importance of mandatory workshops for skill development.
5. Introduce SWAYAM/NPTEL courses and the credit transfer mechanism.
6. Explain the structure and benefits of Minor and Honors specializations.
7. Discuss the principles and implementation of Outcome-Based Education (OBE).
8. Highlight the importance of communication skills for engineering professionals.
9. Stress timely semester registration and regular class attendance.
10. Brief students about remedial, special, and additional academic support classes.
11. Promote honest academic feedback for quality enhancement.
12. Introduce the Mentor-Mentee Scheme for personalized academic guidance.
13. Encourage participation in student clubs, professional chapters, and certification courses.
14. Reinforce the value of internships, projects, and professional development activities.



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Schedule of Orientation Program of B. Tech Internet of Things (IoT)

II Year 3rd Sem, Date: 28/07/2025, Venue: M001

S. No.	Activity	Timing	Faculty In charge
1	Motivational Address by HoD/Representative	10:00 AM to 11:00 AM	Dr. Praveen Bansal
2	Discussion on Academic Calendar, Briefing about Curriculum, Scheme and Syllabus & Dynamic Contents	11:00 AM to 11:25 AM	Dr. Priyanka Garg
3	Discussion on Evaluation and Examination Process & Summer Semester Provision	11:25 AM to 11:35 AM	Dr. Namita Arya
4	Importance of attending Mandatory Workshop	11:35 AM to 11:45 AM	Dr. Namita Arya
5	Briefing about SWAYAM /NPTEL Courses (with Credit Transfer) & for Self-Learning	11:45 AM to 12:00 PM	Dr. Abhishek Narwaria
6	Importance and mechanism of Minor and Honors Specialization	12:00 PM to 12:10 PM	Dr. Abhishek Narwaria
7	Outcomes-Based Education (OBE): What, why, and how	12:10 PM to 12:25 PM	Dr. Priyanka Garg
8	Significance of Communication Skill for Engineering Graduates,	12:25 PM to 12:35 PM	Dr. Namita Arya
9	Necessity of Semester Registration on IUMS, Importance of Attending Regular Classes	12:35 PM to 12:50 PM	Dr. Priyanka Garg
11	Briefing about remedial/special /additional classes	12:50 PM to 01:00 PM	Dr. Aditya Dubey
Lunch Break (01:00 to 02:00PM)			
10	Importance of fair feedbacks	02:00 PM to 02:15 PM	Dr. Nookala Venu
12	Importance of Mentor-Mentee Scheme	2:15 PM to 2:30 PM	Dr. Sunita Sharma
13	Briefing about Academic Bank of Credits	2:30 PM to 2:40 PM	Dr. Dhananjay Bisen
14	Need of participation in students chapters and clubs activities	2:40 PM to 2:50 PM	Dr. Aditya Dubey
15	Briefing about Professional Certification Courses and its importance	2:50 PM to 3:00 PM	Dr. Dhananjay Bisen
16	Importance and mechanism of Internship/Project	3:00 PM to 3:15 PM	Dr. Dhananjay Bisen
17	Briefing about the "Professional Development" Component (Extra Curricular Activities and relating Credit Arrangement)	03:15 PM to 03:30 PM	Dr. Nookala Venu
18	Support for Placement / Higher Studies/ Competitive Exams/ Coding Proficiency	03:30 PM to 03:45 PM	Dr. Aditya Dubey
19	Discipline & Code of conduct	3:45 PM to 4:00 PM	Dr. Soumyajit Ghosh
20	Feedback Experience Sharing on First Year Evaluation System, Teaching Learning, etc.	4:00 PM to 4:15 PM	Dr. Namita Arya
21	Feedback on Orientation Program	04:15 PM to 04:30 PM	Dr. Priyanka Garg



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- The session on Academic Calendar, Curriculum Briefing, Scheme & Syllabus, and Dynamic Contents was conducted to provide second-year B.Tech IoT students with a comprehensive understanding of their academic roadmap.
- The session was coordinated effectively by Dr. Priyanka Garg, along with support from the academic coordinators and the student council.
- The academic calendar for the upcoming academic year was presented in detail, highlighting important academic events, exam schedules, holidays, and deadlines for submissions.
- A detailed briefing was given on the scheme of studies – core courses, open electives, program electives, mandatory courses, and audit courses.



Dr Namita Arya,
Dr Priyanka Garg

- Students were introduced to dynamic content integration in courses – including the incorporation of emerging technologies, industry-relevant topics, and projects.
- Overview of syllabus changes or updates, including newly added or removed topics to align the program with industry needs and academic advancements.
- The evaluation process was clarified, covering internal assessment methods, weightage distribution (sessional exams, assignments, attendance, project work, and end-semester exams), and grading systems (relative or absolute).
- Class time table and instructor allocations were shared. Students were briefed on the process for timetable queries or subject changes, if applicable.



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- The orientation program commenced with an inspiring address by the Head of Department (or departmental representative), Dr. Praveen Bansal.
- The session aimed to motivate students as they transition into the second year of the B.Tech-IoT program.
- Key highlights included the importance of academic discipline, staying updated with technological trends, developing a problem-solving mindset, and cultivating professional ethics.
- Dr. Praveen Bansal encouraged students to make the most of available academic resources, focus on skill-building, and actively participate in research, innovation, and co-curricular activities to shape a successful engineering career.

Dr. Praveen Bansal





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Dr. Namita Arya

- Dr. Namita Arya briefed students on the institute's evaluation system, highlighting internal assessments, mid-semester exams, and end-semester examinations.
 - The weightage of various academic components such as quizzes, assignments, attendance, lab work, and project submissions was explained.
 - The relative grading system and minimum passing criteria were discussed in detail.
 - Students were informed about academic probation policies and guidelines for backlog/improvement exams.
 - The concept and eligibility criteria for the Summer Semester were introduced as an opportunity for students to clear backlogs or improve academic performance.
 - Dr. Namita Arya emphasized the critical role of Mandatory Workshops in bridging theoretical learning with practical skills.
 - Students were informed that these workshops are an essential part of the curriculum and contribute to academic credit and overall skill development.
- Dr. Namita Arya highlighted that strong communication skills are essential for engineering graduates to effectively convey ideas, collaborate in teams, and succeed in professional settings.
- Students were advised to continuously improve their communication through reading, practice, and participation in language enhancement programs or clubs.





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<p>Dr. Priyanka Garg</p>	<ul style="list-style-type: none">• Dr. Priyanka Garg explained that timely semester registration through the IUMS portal is mandatory for maintaining active academic status and accessing course materials, timetables, and exam forms.• Dr. Garg also highlighted that attendance shortfalls may result in disqualification from end-semester examinations as per university regulations.• Students were encouraged to develop disciplined academic habits and track their attendance and registration status regularly on the portal. Introduction to OBE (CO, PO and PEO): OBE stands for Outcome-Based Education. This session explains the learning objectives of the program. COs are Course Outcomes• Awareness about NPTEL Courses, passing criterion in NPTEL courses, regular submission of assignments, avoiding common mistakes etc.: NPTEL (National Programme on Technology Enhanced Learning) offers online courses.• This session would inform students about available NPTEL courses related to IoT, the passing grades required, the process for submitting assignments, and common pitfalls to avoid in NPTEL courses.
<p>Dr. Aditya Dubey</p>	<ul style="list-style-type: none">• Dr. Aditya Dubey briefed students on various institutional supports available for placement preparation, career guidance, and higher education planning.• Students were encouraged to engage with the Training & Placement (T&P) Cell, which conducts pre-placement training, mock interviews, and resume-building workshops.• Opportunities for pursuing higher studies in India and abroad were discussed, including support for GATE, GRE, TOEFL, and other competitive exams.• The session emphasized the growing importance of competitive coding and problem-solving skills, especially for securing placements in top tech companies.• Dr. Aditya Dubey introduced the provision of remedial, special, and additional classes aimed at supporting students with varied learning needs.• Remedial classes are designed for students who face academic challenges or have backlogs, providing targeted support to improve understanding and performance.



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- Special classes are organized to cover advanced topics or revisions for students seeking to deepen their subject knowledge.

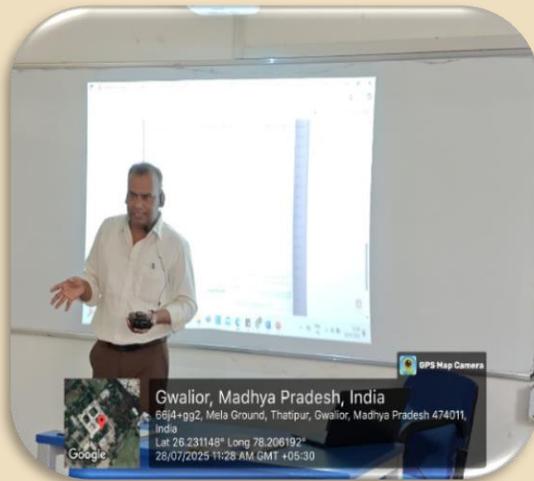


Dr. Nookala Venu

- Dr. Nookala Venu emphasized that constructive and honest feedback from students plays a vital role in enhancing the quality of teaching and learning.
- He explained the feedback process related to Course Outcomes (COs), Program Outcomes (POs), faculty performance, and overall curriculum effectiveness.
- Students were encouraged to provide objective, respectful, and well-thought-out responses through the institutional feedback system.
- Fair feedback helps the institution identify strengths and areas of improvement in course delivery, assessment methods, and student engagement.
- The session highlighted that feedback is anonymous and is used solely for academic enhancement, not for penalizing any faculty or student.
- Importance of mentor-mentee scheme: This reinforces the mentor-mentee system, explaining how students are paired with mentors (faculty members or senior students) for guidance and support.



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- Importance of projects for improving higher order thinking skills, Procedure for assigning minor projects/internship projects to students:
- This session would explain the educational value of project work in developing critical thinking, problem-solving, and research skills.
- Importance of MWS/NEC/Internships: MWS and NEC likely refer to specific industry collaborations or initiatives.
- This session emphasizes the value of internships in gaining practical experience and making industry connections.

Dr. Dhananjay Bisen





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Dr. Soumyajit Ghosh

- Dr. Soumyajit Ghosh briefed students on the importance of maintaining discipline and professionalism within and outside the campus.
- The session covered the institute's Code of Conduct, including behavior in classrooms, laboratories, hostels, and during institutional events.
- Students were reminded to adhere to policies regarding attendance, punctuality, dress code, academic honesty, and respectful communication with peers and faculty.
- Strict warnings were given regarding misconduct, plagiarism, ragging, or any form of disruptive behavior, with a note on the consequences of violations.



Dr. Priyanka Garg

- Dr. Priyanka Garg concluded the orientation by collecting structured feedback from students regarding the effectiveness and clarity of the sessions conducted throughout the day.
- The feedback aimed to assess the program's ability to address academic concerns, clarify institutional processes, and motivate students for the semester ahead.
- Constructive suggestions and comments were welcomed for improving future orientation sessions.



Attendance

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Orientation Program
(10 3rd Sem, Jul- Dec, 2025)

Date/Time | 28th July 2025, 10:00AM onwards

Attendance Sheet

S.No.	Students Name	Enrollment No.	Signature
1.	Divyansh Rajput	BTIO2401028	Divyansh
2.	Abhay Palway	BTIO2401002	अभय
3.	HARTOM KURMI	BTIO2401032	Hartom
4.	Nehit Shekhar	BTIO2401046	Nehit
5.	Harshit Garg	BTIO2401033	Harshit
6.	Piyush Pathak	BTIO2401055	Piyush
7.	Rajit Garg	BTIO2401061	Rajit
8.	Abhinav Lohi	BTIO2401002	Abhinav
9.	Yasharth Gupta	BTIO2401078	Yasharth
10.	Himanshu Ranglasi	BTIO2401035	Himanshu
11.	Yash Sahu	BTIO2401077	Yash
12.	Amit Sharma	BTIO2401010	Amit
13.	Blawini Debey	BTIO2401024	Blawini
14.	Himanshu Sahu	BTIO2401030	Himanshu
15.	Gaurav Pandey	BTIO2401030	Gaurav
16.	Prince Shakya	BTIO2401057	Prince
17.	Shiva Prasadna	BTIO2401065	Shiva
18.	Abhishek Nandev	BTIO2401003	Abhishek
19.	Avani Kale	BTIO2401021	Avani
20.	Anushka Malviya	BTIO2401015	Anushka
21.	Anelika Rajput	BTIO2401012	Anelika
22.	Chanderi Rajawat	BTIO2401026	Chanderi
23.	Soniya Sharma		Soniya
24.	Madhur Narwarjya	BTIO2401044	Madhur

Signature of Class Coordinators



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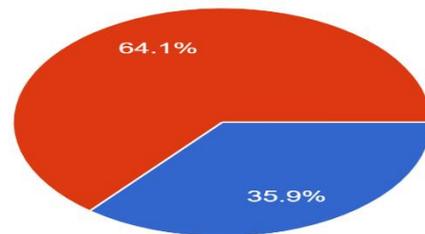
25.	Poo Agarwal	BT102401052	Poo
26.	Vijay Kushwah	BT102401072	Vijay
27.	Devanshu	BT102401077	Devanshu
28.	Vishnu Harj Tomar	BT102401074	Vishnu
29.	Ankita Agarwal, Baghel	BT102401011	Ankita
30.	Kamna Singh Rajput Kamna Singh Rajput	BT102401037	Kamna Rajput
31.	Karan Soni Karan Soni	BT102401039	Karan
32.	Bhoomit Rajpal	BT102401025	Bhoomit
33.	Vinod Rajpal	BT102402073	Vinod
34.	Yash Pal	BT102401076	Yash
35.	Janu Rai	BT102401067	Janu Rai
36.	Omnii Singh	BT10241050	Omnii
37.	Tanusaka Sengar	BT10241068	Tanusaka
38.	Sarthak Rajput	BT102401063	Sarthak
39.	Priyanshu	BT102401056	Priyanshu
40.	Ashu Dhakad	BT102401018	Ashu
41.	Kapil Furar Kewat	BT102401038	Kapil
42.	Bhanu Singh Kushwah	BT102401023	Bhanu
43.	Ankit Singh	BT102401016	Ankit
44.	Siddhant Sharma	BT102401066	Siddhant
45.	Payal Upadhyay	BT102403053	Payal
46.	Pihu Mehta	BT102401054	Pihu
47.	Palash Dasaena	BT102401051	Palash
48.	Neetesh Sharma	BT102401048	Neetesh
49.	Aashadhyaa Paranjik	BT102401001	Aashadhyaa
50.	Amit Kumar Vishwakarma	BT102401009	Amit
51.	Mohit Patel	BT102401045	Mohit Patel
52.	Aditya Rajpal	BT102401006	Aditya
53.	Ashwini Rajpal	BT102401019	Ashwini
54.			

Signature of Class Coordinators

Student Feedback

Name of Branch/Programme opted

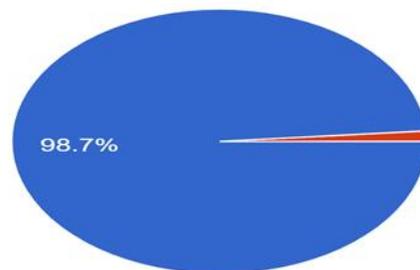
78 responses



- Internet of Things
- Internet of Things (IOT)

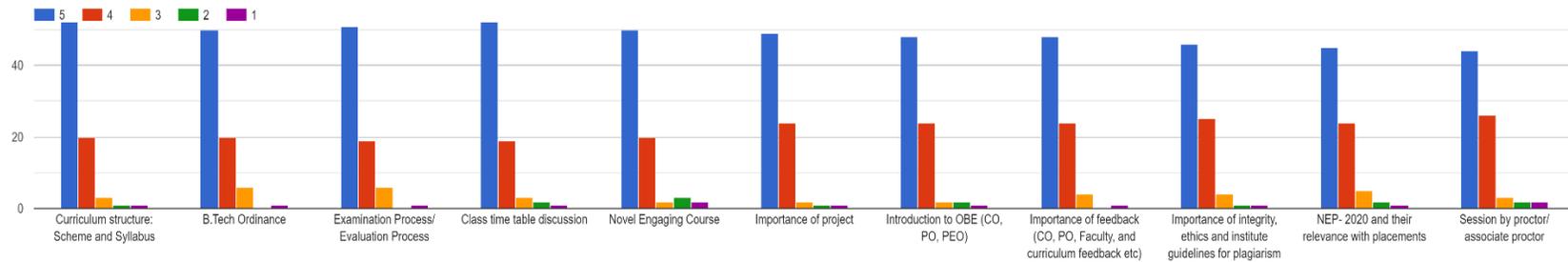
Have you attended the first half of second semester orientation program?

78 responses



- Yes
- No

Please rate following activities organized/Information provided to you at first half of orientation Program-2024. Consider following ratings: Excellent: 5 Very Good: 4, Good:3, Average:2, Below Average: 1



The orientation program was structured and well Organized.
72 responses



Any Suggestions or Comments:

Any Suggestions or Comments:

72 responses

