Report

on

Student Orientation Program

For

B.Tech. in Internet of Things

Centre for Internet of Things

IV Year, VII Semester
Academic Session: Jul-Dec 2025

Dated: 28/07/2025

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

Orientation Program Schedule

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
Centre for Internet of Things
Orientation Program Schedule for B.Tech: Internet of Things, IV Year (7th Sem.)
Date:28/07/2025, Venue: CIoT (M004)

S. No.	Activity	Timing	Faculty In charge
1	Offline Registration	10:00 AM to 11:00 AM	Dr. Soumyajit Ghosh
2	Motivational Address by HoD / Represcntative,Introduction to the relevant Schemes/Courses/Evaluation Process Curriculum & various electives	11:00 AM to 11:25 AM	Dr. Praveen Bansal/ Dr. Saurabh K Rajput
3	Class Time Table, Evaluation procedure for 'proficiency', Importance of Attending Regular Classes,assessment rubrics for laboratory courses and PDC sheet	11:25 AM to 11:35 AM	Dr. Saurabh K Rajput
4	Introduction to OBE (CO, PO and PEO),Briefing about remedial/special /additional classes	11:35 AM to 11:50 AM	Dr. Saurabh Kumar Rajput
5	Awareness about NPTEL Courses, passing criterion in NPTEL courses, regular submission of assignments, avoiding common mistakes etc.,Discussion on the list of Open Category Courses offered through MITS-DU MOOCs.	11:50 AM to 12:05 PM	Dr. Soumyajit Ghosh
6	Importance of feedback on (CO, PO, Faculty feedback, Curriculum) in quality improvement	12:05 PM to 12:30 PM	Dr. Murli Manohar
7	Briefing about the Professional Skills & Competencies (PSC) Component	12:30 PM to 01:00 PM	Dr. Aditya Dubey
8	Importance of integrity, ethics & institute guidelines for plagiarism	01:00 PM to 01:15 PM	Dr. Soumyajit Ghosh
9	Session by Proctor/Associate Proctor	01:15 PM to 01:25 PM	Dr. Vishal Chaudhary /Prof.Vaibhav
10	Examination rules and regulation	01:25 PM to 01:40 PM	Dr. Murli Manohar/
Lunch Break (01:40 to 02:00PM)			
11	Importance of Internships/Project	02:00 PM to 02:30 PM	Dr. Saurabh K Rajput
10	Session from TNP office, Communication Skill	02:30 PM to 02:45 PM	Mr. Vikram Rajput Ms. HemlataArya
12	Importance of projects for improving higher order thinking skills, Procedure for assigning minor projects/internship projects to students	02:45 PM to 3:00 PM	Dr. Soumyajit Ghosh
13	Need for participation in student chapter, club activities etc. for students' overall development	03:00 PM to 03:15 PM	Dr. Aftab Ahmed Ansari
14	Support for Placement / Higher Studies/ Competitive Exams/ Coding, Proficiency Discipline & Code of conduct	03:15 PM to 03:30 PM	Dr. KaushalPratapSengar
15	Importance of attending weekly special classes for remedial purposes	03:30 PM to 04:00 PM	Dr. Saurabh K Rajput
16	Importance of taking part in technical activities outside institute/submission of such documents to class coordinator	04:00 PM to 04:15 PM	Dr. KaushalPratapSengar
17	Feedback on Orientation Program	04:15 PM to 04:30 PM	Dr. Saurabh K Rajput

Note: As per the availability of activity in charge, the timing of activities can be changed

It is mandatory for all students to attend the Orientation Program

Dr.Saurabh K Rajput & Dr. Soumyajit Ghosh
Class Coordinator,
4thYear Internet of Things

Dr.Praveen Bansal
Head,
Centre for Internet of Things

1. Objectives

- To register the B.Tech. Internet of Things students in 7th semester through IMS.

- To make the Internet of Things, Fourth year, 7th semester students aware about the curriculum, labs, Exam, Clubs, Feedbacks and other aspects of the centre.

- To allow the 7th semester students to explore their academic interests through various activities and sessions.

2. Session Details

> **No of Registered students in the class** : 74
> **No of students present** : 44
> **No of students Absent** : 30

3. List of activities conducted during orientation program

3.1 Offline Registration

The students of 7th semester *Internet of things* were warmly welcomed by the class coordinators *Dr. Saurabh Kumar Rajput* & *Dr. Soumyajit Ghosh*. They congratulated all the students on being promoted to 7th semester. The registration of students in 7th semester of B.Tech. Internet of Things program was done through IMS. The department level registration was also done through Google form.

3.2 Motivational address by HoD

During the VII Semester orientation program, the Head of Centre for IoT, Dr. Praveen Bansal, delivered an inspiring and motivational address to the students. He emphasized the importance of placements, innovation, and goal-setting in shaping a successful engineering career. His words encouraged students to embrace challenges and stay committed to academic and personal growth. The session concluded with a renewed sense of enthusiasm and purpose among the attendees.

3.3 Faculty & Staff Introduction:

The class coordinators *Dr. Saurabh Kumar Rajput* introduced the faculty and the staff members who are presently working in the centre for *Internet of things* to the students. They encouraged

all the students to explore the faculty profile from the university website and connect/collaborate with the faculty members for project and research work according to their field of expertise.

3.4 Scheme/Courses/ Evaluation Process Curriculum and Various Electives (Course introduction, Credits, Commencement of classes, Mode of teaching)/ Minor Project

Dr. Saurabh Kumar Rajput in this session introduced the courses of the 7th semester with the students. He started by discussing the *scheme and syllabus,* and then explained about the NPTEL based DE courses, MITS MOOC based OC courses, *Departmental Lab courses, etc.* The new initiatives regarding Professional Skill and Competencies (PSC) course were also explained in details. The process of *continuous evaluation* was discussed which presented the fact that students are being assessed regularly on the basis of quiz, assignments, provided to them and their response during the classes and not just on the basis of pen and paper mode exam. Through this he made students clear about the importance of attentiveness during the lectures.

3.5 Introduction to OBE (CO, PO, PEO, Vision, Mission)

Then *Dr. Saurabh Kumar Rajput* continued the session and discussed the *Vision and Mission* of the centre with the students. He laid emphasis on how *attitude and skill* mixed with knowledge are important for professional development. He discussed about the *course outcomes, program outcomes and program educational objectives* through which she attempted to make students understand about the course objectives and provided a clear picture about what centre is aiming through the *Internet of things* program.

3.6 Time Table

Time Table for the 7th semester was discussed by *Dr. Soumyajit Ghosh*. He described the importance of weekly special classes for remedial purpose for *identifying ablity based assessment of learners and for problem solving and discussion*. He emphasized on adhering to time-table for efficient learning. The time table is as follows-

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TENTATIVE TIME TABLE

| Session: Jul.-Dec 2025 | | B.Tech./Internet of Things /III Year/VII Semester | | | | w.e.f. 28.07.2025 | | | |

Day	09:00 AM to 10:00 AM	10:00 AM to 11:00 AM	11:00 AM to 12:00 Noon	12:00 Noon to 01:00 PM		02:00 PM to 03:00 PM	03:00 PM to 04:00 PM	04:00 PM to 05:00 PM	05:00 PM to 06:00 PM
Monday			OC 2			2220703 MCB/AST/KKT SH12 (J011)	2220703 MCB/AST/KKT SH12 (J011)	2220703 MCB/AST/KKT SH12 (J011)	
Tuesday						2220703 MCB/AST/KKT SH12 (J011)	2220703 MCB/AST/KKT SH12 (J011)	2220703 MCB/AST/KKT SH12 (J011)	
Wednesday					LUNCH	2220702 KPS/NV 117 (J128)		2220701 SG/AAA M004	
Thursday									
Friday									
Saturday			1000008 RS2 ONLINE						

Course Code	Category Code	Course Name	Faculty
-----	OC 2	Open Category (OC2)	Concerned Faculty
2220701	DLC	Internet of Things Lab Advanced	Dr. Soumyajit Ghosh/ Dr. Aftab Ahmed Ansari
2220702	DLC	Creative Problem Solving	Dr. Kaushal Pratap Sengar/ Dr. Nookala Venu
2220703	DLC	Professional Skills & Competencies	Concerned Faculty
1000008	MAC	Universal Human Values & Professional Ethics (UHVPE)	Prof. Rashmi Shrivastava

3.7 Awareness about NPTEL courses/ Various e-learning platforms:

Dr. Soumyajit Ghosh continued the session wherein He elaborated about SWAYAM/ NPTEL courses in curriculum, their registration, passing criterion, exam and certification. He explained to students about self-learning through such illustrious platforms and its various benefits in terms of achieving honours and minor certification.

3.8 Importance of Feedback (CO,PO, Faculty, Curriculum, Lab)

Dr. Priyanka Garg during his session asked students to give regular feedback on faculty, curriculum, etc. She pressed on the point that how feedback is important in filling the gaps, learning from the mistakes and improving them. She claimed that student and parent feedback is important for improving labs, class rooms, overall infrastructure and also the course and program outcomes. She concluded by saying that feedback improves motivation to learn and one must sincerely provide it when asked to do so.

3.9 Briefing about Professional Skill & Competencies (PSC) Course

Dr. Saurabh Kumar Rajput explained about the new initiatives regarding *Professional Skill and Competencies (PSC) course* in the VII Semester. He explained the importance of the course by discussing the five modules of the course. He elaborated that the PSC will be covering the Communication, Reasoning, Aptitude, Basic coding and competitive coding part. All these modules are highly important for the placements. The class schedule and assessment methods were also discussed by him. In the end, he encouraged the students to appear in the screening test of the PSC course on 29.07.2025 (s per the schedule shared by Dean, Academics).

3.10 Internship Projects

Dr. Saurabh Kumar Rajput and Dr. Soumyajit Ghosh also explained to assessment methodology of SIP- III. They also explained about the new initiative taken by the institute regarding the internship provision in VII sem of the student. They also described very well about how to embrace the *internship opportunities in leading MNCs and PSUs*. Students came to know about the *skills, attitude and mannerisms* to be developed by them, both on the personal and professional fronts to achieve the employment opportunities.

3.11 Examination related discussion

The procedure of the examination was explained in detail to the students of fourth year by *Dr. Soumyajit Ghosh*. He presented the *code of conduct* to be maintained during the exam strictly by the student. The care that must be taken while handling examination answer books, etc. were discussed by him. He also answered all the questions asked by the students during the discussion.

3.12 Performance Evaluation through PDC

Dr. Kaushal Pratap Sengar in this session stressed on *proficiency in professional development courses.* He explained the importance of certification at university level, state level, and National level. He also explained the evaluation process of PDC in detailed.

3.13 Session by Training & Placement Cell & Career Guidance

Dr. Saurabh Kumar Rajput explained to students about various placement activities of the cell. He also described very well about how to embrace *placement opportunities in leading MNCs*. Students came to know about the *skills, attitude and mannerisms* to be developed by them, both on the personal and professional fronts to achieve the employment opportunities. The session for career opportunities specifically related to the field of Internet of Things were also conducted by Dr. Saumyajeet Ghosh, Asst. Prof. C-IoT.

3.14 Importance of Student Chapters and Clubs

How a student chapter serves as a gateway to student's professional development was explained by *Dr. Kaushal Pratap Sengar*. He underlined that the clubs and student chapters so formed within and outside the Institute will provide *social development and personal growth. The sense of sportsmanship is developed through these activities which helps people in growing as team players as well as individuals.* He spoke about how various clubs help in developing ambition and friendship among people.

3.15 Visit of New Labs developed in the Centre for Internet of Things

The orientation program concluded with a visit to the recently established lab at the Centre for Internet of Things. The students conducted their visits in small groups. During the visit, Dr. Saurabh Kumar Rajput, Dr. Soumyajit Ghosh, and Mrs. Shashi Goel explained the different lab kits and their usage for understanding the basic and advanced levels of smart IoT applications.

Photographs/Screenshots of the Orientation Program are as under:

Gwalior, Madhya Pradesh, India
66j4+7fx Golden Jubilee Garden Mits, Mela Ground, Thatipur, Gwalior, Madhya Pradesh 474011, India
Lat 26.230605° Long 78.206268°
28/07/2025 12:00 PM GMT +05:30

Gwalior, Madhya Pradesh, India
66j4+c7w, Mela Ground, Thatipur, Gwalior, Madhya Pradesh 474011, India
Lat 26.231178° Long 78.205334°
28/07/2025 11:05 AM GMT +05:30

Orientation Program
(EO VII Sem, Jul – Dec, 2025)

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

Attendance Sheet

S.No.	Students Name	Enrollment No.	Signature
1.	Shalini Tomar	0901E0221057	Shalini
2.	Aditya Jatav	0901E0221005	Aditya
3.	Yuvraj Singh Chandel	0901E0221074	
4.	Rudra Katare	0901E0221054	Rudra
5.	Dev pratap Singh	0901E0221020	DPS
6.	Divya Raj Singh	0901E0221076	DRS
7.	Aditi Kushwah	0901E0221004	
8.	Abhishek Rajput	0901E0221003	Abhishek
9.	Vikas Pal	0901E0221077	Vikas
10.	Manu Gupta	0901E0221040	Manu
11.	Sumit Sharma	0901E0221064	
12.	Yashika Gangil	0901E0221070	
13.	Harsh Gupta	0901E0221026	Harsh
14.	Sourah Bhadowriya	0901E0221063	Saurabh
15.	Keshav Singh Rathore	0901E0221035	Keshav
16.	Abhishek Narwariya	0901E0221002	Abhishek
17.	Avneesh Singh	0901E0221015	Singh
18.	Raj Kamal	0901E0221047	Raj Kamal
19.	Rajnish Kumar sharma	0901E0221048	RKS
20.	Astha Garg	0901E0221018	Garg
21.	Priyanshi Mishra	0901E0221044	
22.	Saurabh Bhadouriya	0901E0221063	Saurabh
23.	Vivek Jat	0901E0221071	Vivek Jat
24.	Mahak Sharma	0901E0221039	Sharma

Signature of Class Coordinators

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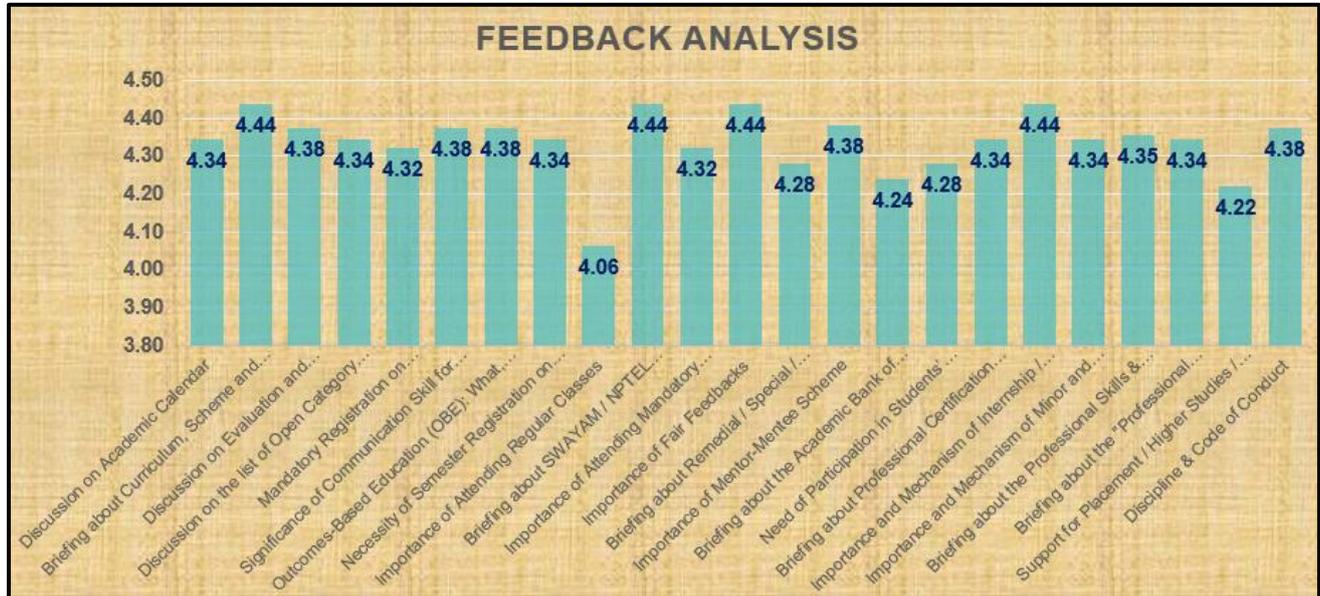NAAC ACCREDITED WITH A++ GRADE

No.	Name	Roll No.	Signature
25.	Anushka Dhakad	0901E0221012	Anushk
26.	Renu Betham	0901E0221050	Renu
27.	Rakhi Yadav	0901E0221049	Rakhi
28.	Ishika Dubey	0901E0221037	Ishu
29.	Harsh Sharma	0901E0221027	H
30.	Anubhav Rajawat	090E0221010	Rv
31.	Kartik Rathor	0901E0221033	Kart
32.	Hrithik Pauchle	0901E0221029	Hrithik
33.	Utkarsh Verma	0901E0221068	Utkarsh
34.	Aman Sharma	0901E0221007	Aman
35.	Naitik Singhal	0901E0221041	N
36.	Anurag Mishra	0901E0221011	A. Mishra
37.	Kaustabh Dubey	0901E0221034	KD
38.	Akash Sharma	0901E0221006	Alu
39.	Deepak Prajapati	0901E0221019	Deepak
40.	Abhay Singh Chauhan	0901E0221001	Abhay
41.	Tanustha Singh	0901E0221065	Tanul
42.	Rohit Singh Bhadouria	0901E0221053	Rohit
43.	Vikash Singh Bhadauria	0901E0221070	Vikash
44.	Atharva Sharma	0901E0221014	A Shar
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Signature of Class Coordinators

Feedback- Orientation Program, Internet of Things, VIIsemester

FEEDBACK ANALYSIS

(Dr. Soumyajit Ghosh)   (Dr. Saurabh Kumar Rajput)
Assistant Professor & Class Coordinator,
IV Year, Internet of Things, C-IoT

Dr. Praveen Bansal
Head
Centre for Internet of Things