



Centre for Internet of Things

Student Orientation Program Report

B.Tech. in Internet of Things (IOT)

III Year (5th Sem)

Academic Session: July-Dec. 2025 (28/07/2025)

Objectives

- To make students, who are admitted in Internet of Things (IoT) third year (5th sem), feel comfortable in the new environment.
 - To make the students aware about the relevant Schemes/ Courses/ Evaluation Process Curriculum, open category & various Departmental Electives.
 - Aware about evaluation procedure through assessment rubrics for laboratory courses and PDC sheet.
 - Awareness about NPTEL Courses, passing criterion in NPTEL courses, regular submission of assignments, avoiding common mistakes etc.
 - Importance of feedback on (CO, PO, Faculty feedback, Curriculum) in quality improvement.
 - Importance of Internships, projects for improving higher order thinking skills and also discussed procedure for assigning internship/projects to students.
 - Brief about the professional skill & competencies component of scheme.
- **No of Registered students in the class: 78**
- **No of students present: 40**
- **Class Coordinators: Dr. Aditya Dubey and Dr. Abhishek Narwaria**



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Orientation Program Schedule for B.Tech: Internet of Things (IoT), III Year (5th Sem.)
Date: 28/07/2025, Venue: CIOT

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, Syllabus, and Dynamic Contents	11:00 AM to 11:25 AM	Dr. Aditya Dubey
3	Discussion on Evaluation and Examination Process & Summer Semester Provision	11:25 AM to 11:35 AM	Dr. Aditya Dubey
4	Significance of Communication Skills for Engineering Graduates	11:35 AM to 11:50 AM	Dr. Nookala Venu
5	Outcomes-Based Education (OBE): What, why, and how	11:50 AM to 12:05 PM	Dr. Priyanka Garg
6	Necessity of Semester Registration on IUMS / IMS	12:05 PM to 12:30 PM	Dr. Aditya Dubey
7	Importance of Attending Regular Classes	12:30 PM to 12:45 PM	Dr. Abhishek Narwaria
8	Briefing about SWAYAM /NPTEL Courses (with Credit Transfer) & for Self Learning	12:45 PM to 1:00 PM	Dr. Abhishek Narwaria
9	Importance of fair feedback	1:00 PM to 1:30 PM	Dr. Nookala Venu
Lunch Break (01:30 to 02:00 PM)			
10	Briefing about remedial/special /additional classes	2:00 PM to 2:30 PM	Dr. Dhananjay Bisen
11	Need of participation in student chapters and clubs' activities	2:30 PM to 2:45 PM	Dr. Aftab Ahmed Ansari
12	Importance and mechanism of Internship/Project	2:45 PM to 3:00 PM	Dr. Dhananjay Bisen
13	Importance and mechanism of Minor and Honors Specialization	3:00 PM to 3:15 PM	Dr. Abhishek Narwaria
14	Briefing about the "Professional Development" Component (Extra Curricular Activities and relating Credit Arrangement)	3:15 PM to 3:30 PM	Dr. Nookala Venu
15	Support for Placement / Higher Studies/ Competitive Exams/ Coding Proficiency	3:30 PM to 4:00 PM	Dr. Soumyajit Ghosh
16	Discipline & Code of Conduct	4:00 PM to 4:15 PM	Dr. Soumyajit Ghosh
17	Feedback on Orientation Program	4:15 PM to 4:30 PM	Dr. Aditya Dubey

Note: As per the availability of the activity in charge, the timing of activities can be changed
It is mandatory for all students to attend the Orientation Program

Dr. Aditya Dubey & Dr. Abhishek Narwaria
Assistant Professor
Class Coordinator,
3rd Year Internet of Things (IoT)

Dr. Praveen Bansal
Head,
Centre for Internet of Things



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List of activities conducted during orientation program

1. Orientation program was started with **offline registration** of students which was done through Student IMS (online).
2. The session began with a motivational address by Dr. Praveen Bansal, Head of CIOT. He emphasized the importance of professionalism, innovation, and discipline in the third year. Students were encouraged to focus on project work, internships, and placements with dedication.
3. Next session conducted by Dr. Aditya Dubey, following key points were discussed:
 - a. Initially, he presented the academic calendar, explaining key dates and deliverables.
 - b. He presented tentative class time table of 5th sem. The time table is as follows-

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TENTATIVE TIME TABLE

Session: Jul.-Dec 2025 B. Tech./Internet of Things (IOT) /III Year/V 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	LUNCH	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							3230521 AD M003	3230522 DB M003	3230523 VG M003	NEC Conc. F
Tuesday		3230525 RP M003	3230522(B) DB/MM M005	3230524(A) PG/NA M007					3230527 AN/RS M003	
Wednesday		3230521 AD M003	3230525 RP M003	3230524 PG M003						
Thursday		3230524 PG M003	3230525 RP M003	3230522 DB M003			3230521(B) AD/RP M005	3230526(A) NV/NA M007		
Friday		3230521 AD M003	3230522 DB M003	3230523 VG M003			3230521(A) AD/RP M005	3230522(A) DB/MM M205		
Saturday							3230524(B) PG/NA M007	3230526(B) NV/NA M007		
						1000006 NV Online				

Course Code	Category Code	Course Name	Faculty	Course Code	Category Code	Course Name	Faculty
3230521	DLC	Programming in Java Lab	Dr. Aditya Dubey	3230524	DC	IoT System Design	Dr. Priyanka Garg
3230521	DC	Programming in Java	Prof. Rinki Pakshwar	3230525	DC	Cloud Computing	Prof. Rinki Pakshwar
3230522	DLC	Data Sciences in IoT Lab	Dr. Dhnanjay Bisen	3230526		Minor Project-1	Dr. Nookala Venu
3230522	DC	Data Sciences in IoT	Dr. Mani Manohar	3230527	PBL	Self-learning/Presentation	Dr. Namita Arya
3230523	DC	Theory of Computation	Dr. Dhnanjay Bisen		Seminar/ Self-Study		Dr. Abhishek Narwaria
3230523	DC	Theory of Computation	Prof. Vinay Gupta	1000006	MAC	Disaster Management	Dr. Rupan Shrivastava
3230524	DLC	IoT System Design Lab	Dr. Priyanka Garg				Dr. Nookala Venu
			Dr. Namita Arya				

Dr. Aditya Dubey Dr. Soumyajit Ghosh
 Time Table Coordinator

Dr. Praveen Bansal
 Head, Centre for IoT

- c. Then, he started discussion with curriculum like Scheme and syllabus, highlighting dynamic content integration to make students industry-ready.
- d. He elaborated *the credit of each course, marks distribution with mode of teaching* and then began to briefly explain about the *DE, Departmental Lab courses, PSC, MAC, Honors Track and minor courses*. The importance of *online teaching and blended mode of classes* were also discussed.
- e. The process of *continuous evaluation, rubrics and examination process* was discussed which presented the fact that students are being assessed regularly on the basis of Weekly quizzes, assignments and mid semester exams.



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4. Next, Dr. Abhishek Narwariya continued the session wherein he elaborated about SWAYAM/ NPTEL courses (with credit transfer) & Self-learning which will offered under DE, its registration process, 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.
5. Next, Dr. Priyanka Garg continued the session and discussed about Outcome-Based Education (OBE). She started with the *Vision and Mission* of centre and 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 vivid picture about what centre is aiming through the Internet of Things (IoT) program.
6. Next, Dr. Nookala Venu continued the session and discussed about the significance of communication skill for Engineering Graduates. This session stressed the need for strong communication skills in professional life. Dr. Venu provided tips on enhancing verbal and written communication for interviews and workplace collaboration.
7. Dr. Nookala Venu during the session highlighted how constructive feedback improves teaching effectiveness and student engagement. He asked students to timely participate in feedback process of department (such as faculty, curriculum, CO, etc.). Students were encouraged to provide timely and honest feedback.
8. Dr. Aditya Dubey highlighted the importance of weekly special / remedial and additional classes for *problem solving and discussion*. He emphasized on adhering to time-table for efficient learning. He informed students about the availability of extra support classes and advised them to attend if they face academic difficulties.
9. Dr. Dhananjay Bisen discussed third-final year Internship / project guidelines, important timelines, NOC procedure for Internship and evaluation methods were explained. The importance of Internship / project selection aligned with career goals was emphasized. He also motivated to students for publishing research paper on their project topics. He provided practical advice and shared success stories of former students.
10. Dr. Nookala Venu continued session with briefing about the professional development component including extra-curricular activity. The session detailed extracurricular and co-curricular credit mechanisms, including workshops, hackathons, and soft-skill activities that count towards professional development.



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11. Dr. Soumyajit Ghosh, various opportunities for placement training, coding proficiency, and guidance for higher education and exams like GATE, GRE, and CAT were discussed.
12. Dr. Soumyajit Ghosh presented institutional policies regarding conduct and academic integrity. Ethical behavior was strongly reinforced.
13. The session concluded with student feedback collection on the orientation program. Suggestions for improvements were invited, and overall positive responses were noted.

Photographs/Screenshots of the Orientation Program:





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Feedback on Orientation Program

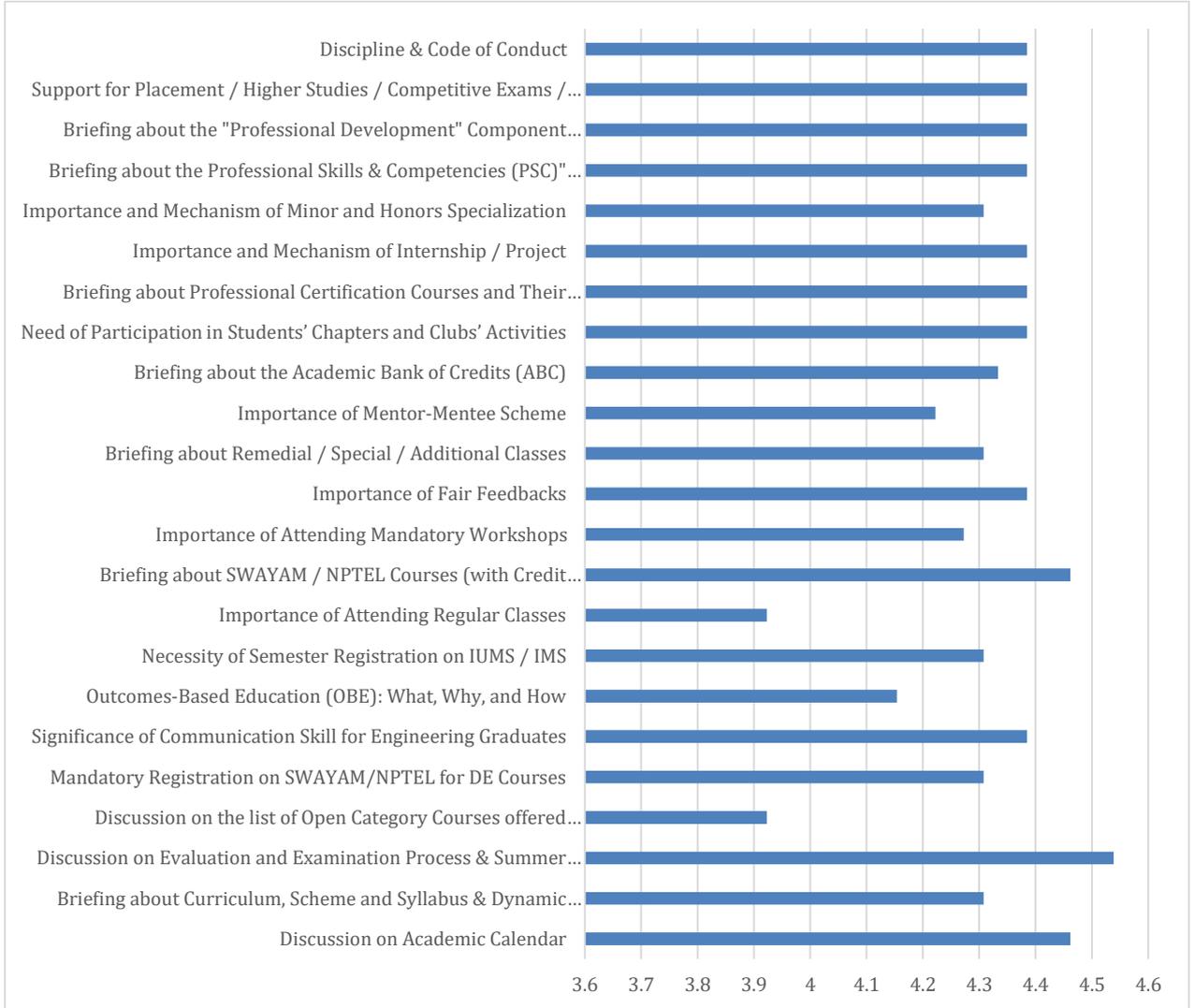
Feedback of the students recorded on Google Form in following points:

Discussi on on Academic Calendar	Briefing about Curriculum, Scheme and Syllabus & Dynamic Contents	Discussion on Evaluation and Examination Process & Semester Provision	Discussion on the list of Open Category Courses offered through MITS-DU MOOCs.	Mandatory Registration on SWAYAM/NPT EL for DE Courses	Significance of Communication Skill for Engineering Graduates	Outcomes- Based Education (OBE): What, Why, and How	Necessity of Semester Registration on IUMS / IMS	Importance of Attending Regular Classes	Briefing about SWAYAM/NPT EL Courses (with Credit Transfer) & Self-Learning	Importance of Attending Mandatory Workshops	Importance of Fair Feedbacks	Briefing about Remedial / Special / Additional Classes	Importance of Mentor-Mentee Scheme	Briefing about the Academic Bank of Credits (ABC)	Need of Participation in Students' Chapters and Clubs' Activities	Briefing about Professional Certification Courses and Their Importance	Importance and Mechanism of Internship / Project	Importance and Mechanism of Minor and Honors Specialization	Briefing about the Professional Skills & Competencies (PSC) Component	Briefing about the "Professional Development" Component (Extra-Curricular & Credit Arrangement)	Support for Placement / Higher Studies / Competitive Exams / Coding / Proficiency	Discipline & Code of Conduct
4	4	4	5	5	3	2	4	4	4	5	2	4	5	5	2	4	3	4	5	5	4	3
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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Rating Scale: 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent



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Following Suggestion were received:

1. Arrange activities like communication skills training, aptitude sessions, and other placement-focused programs to enhance our chances of getting placed through campus recruitment.
2. I would appreciate it if regular interview practice sessions could be conducted to help us prepare more effectively for placement opportunities.



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Attendance- Orientation Program, Internet of Things (IoT)

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ATTENDANCE SHEET IO-V Sem

S.No	Enrolment No	Name of Student	Sign.
1	0901I0231043	Prashant Sani	
2	0901I0231048	Ritik Kushwah	
3	0901I0231064	Shrimant Rana	
4	0901I0231062	Shlok Sharma	
5	0901I0231049	Ronak Jain	
6	0901I0231057	Sanket Radkul	
7	0901I0231058	Chaitanya Mishra	
8	0901I0231074	Vedika Sunekar	
9	0901I0231040	Piyush Yadav	
10	0901I0231028	Khushi Kumari	
11	0901I0231050	Sachin Baghel	
12	0901I0231068	Suryanshu Rathore	
13	0901I0231046	Prince Dhakad	
14	0901I0231036	Nitesh Patidar	
15	0901I0231033	Mehak Kapoor	
16	0901I0221046	Naman Agarwal	
17	0901I0231013	Hanshit Gupta	
18	0901I0231013	Dev Gutt Shukla	
19	0901I0231009	Arigh Jain	
20	0901I0231015	Devanshu Gupta	
21	0901I0231016	Devesh Prajapati	
22	0901I0231002	Abhay Yadav	
23	0901I0231003	Abhishek Singh Marwariya	



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78	0901I0231026	Jay Pratap Singh Bhadoria	Jay
25	0901I0231010	Aryan Prajapati	Aryan
26	0901I0231008	Ankit Sharma	Anant
27	0901I0231007	Ankit Jainman	Ankit
28	0901I0231004	Aman panchari	*
29	0901I0231034	MABRAR QURESHI	Aman
30	0901I0231023	Zitankh Ramani	(X)
31	0901I0231065	Shushu Gupta	Shushu
32	0901I0231031	Om Choudhary	Om
33	0901I0231022	Vinsh Kulshrestha	Vinsh
34	0901I0231041	Pragya Singh	Pragya
35	0901I0231011	Aryan Ahmed Khan	Aryan
36	0901I0231045	Prachi Brautman	Prachi
37	0901I0231029	Khushi Mishra	Khushi
38	0901I0231021	Harsh Sharma	Harsh
39	0901I0231001	Arya Sharma	Arya
40	0901I0231056	Sankalp Gupta	Sankalp

Aditya

Dr. Aditya Dubey

Coordinator

V sem IOT