Centre for Internet of Things

Student Orientation Program Report
B.Tech. in Internet of Things (IOT)
III Year (6th sem)
Academic Session: Jan.-June 2025
Dated: 06/01/2025

Objectives

- To make students, who are admitted in Internet of Things (IoT) Third year (6th sem), feel comfortable in the new environment.

- To make the students aware about the relevant Schemes/ Courses/ Evaluation Process Curriculum, open electives & various Departmental Electives.

- Aware about evaluation procedure for 'proficiency', 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, Distinct features of MITS curriculum and NEP-2020 and their relevance with placements, Importance of integrity, ethics & institute guidelines for plagiarism.

- Importance of Internships, projects for improving higher order thinking skills, Procedure for assigning minor projects/internship projects to students

- To allow the third year students admitted in Internet of things (IoT) to explore their academic interests through various activities and sessions.

➤ **No of Registered students in the class: 79**

➤ **No of students present: 24**

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Orientation Program Schedule for B.TechInternet of Things (IOT), III Year (6th Sem.)
Date:06/01/2025, Venue:CIOT

S. No.	Activity	Timing	Faculty In charge
1	Offline Registration	10:00 AM to 11:00 AM	Dr. Dhananjay Bisen
2	Introduction to the relevant Schemes/Courses/Evaluation Process Curriculum & various electives	11:00 AM to 11:25 AM	Dr. Dhananjay Bisen
3	Class Time Table, Evaluation procedure for 'proficiency', assessment rubrics for laboratory courses and PDC sheet	11:25 AM to 11:35 AM	Dr. Dhananjay Bisen
4	Introduction to OBE (CO, PO and PEO)	11:35 AM to 11:50 AM	Dr. Priyanka Garg
5	Awareness about NPTEL Courses, passing criterion in NPTEL courses, regular submission of assignments, avoiding common mistakes etc.	11:50 AM to 12:05 PM	Dr. Priyanka Garg
6	Importance of feedback on (CO, PO, Faculty feedback, Curriculum) in quality improvement	12:05 PM to 12:30 PM	Dr.Nookala Venu
7	Distinct features of MITS curriculum and NEP-2020 and their relevance with placements	12:30 PM to 01:00 PM	Dr.Namita Arya
8	Session by Proctor/Associate Proctor	01:00 PM to 01:15 PM	Dr. Vishal Chaudhary /Prof. Vaibhav
9	Importance of integrity, ethics & institute guidelines for plagiarism	01:15 PM to 01:25 PM	Dr. Soumyajit Ghosh
10	Examination rules and regulation	01:25 PM to 01:40 PM	Dr. Dhananjay Bisen
Lunch Break (01:40 to 02:00PM)			
10	Session from TNP office	02:00 PM to 02:30 PM	Mr. Vikram Rajput Ms. HemlataArya
11	Importance of Internships	02:30 PM to 02:45 PM	Dr. Dhananjay Bisen
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. NookalaVenu
13	Need for participation in student chapter, club activities etc. for students' overall development	03:00 PM to 03:15 PM	Dr. Aditya Dubey
14	Regarding attendance, mid-term tests, weekly quizzes tips for faring well in examination etc	03:15 PM to 03:30 PM	Dr. Dhananjay Bisen
15	Importance of attending weekly special classes for remedial purposes	03:30 PM to 04:00 PM	Dr. AdityaDubey
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. Aditya Dubey
17	Feedback on Orientation Program	04:15 PM to 04:30 PM	Dr. Dhananjay Bisen

Note: *As per the availability of activity incharge, the timing of activities can be changed*

It is mandatory for all students to attend the Orientation Program

Dr.DhananjayBisen
Assistant Professor
Class Coordinator,
3rd Year Internet of Things (IOT)

Dr. Praveen Bansal
Coordinator,
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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), after that students also submitted soft copy of registration form to class coordinator. [Dr Dhananjay Bisen].

2. **Scheme/Courses/Evaluation Process, Syllabus, Curriculum, NEC Courses, Honors Track and Minors (Course introduction, Credits, Commencement of classes, Mode of teaching)**

   This session conducted by Dr. Dhananjay Bisen, in this session introduced the courses of the semester with the students. He started by discussing the *scheme and the syllabus and the credit each course carries* and then began to briefly explain about the *Departmental core courses, Departmental Lab courses of the Internet of things (IoT) branch, NEC Courses, Honors Track and minor courses.* The importance of *online teaching and blended mode of classes* were also discussed by him. He reminded students about the commencement of classes in offline mode. The process of *continuous evaluation* was discussed which presented the fact that students are being assessed regularly on the basis of Weekly quizzes, 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. **Time Table**

   Class Time Table for 6th semester was discussed by *Dr. Dhananjay Bisen*. The time table is as follows-

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TENTATIVE TIME TABLE

| Session: Jan.-June 2025 | B.Tech./Internet of Things (IoT)/III Year/VI Semester | | | | | | | | w.e.f. 07.01.2025 |

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		2230601 DB/ M003	2230603 NV/ M003	OC-1					
Tuesday						2230602 NA/ M003	2230601 DB/ M003	2230601(A) DB/PG M005	
Wednesday				OC-1	LUNCH	2230603 NV/ M003	2230602 NA/ M003	2230601(B) DB/PG M005	
Thursday		2230602 NA/ M003	2230604(A) DB/NA M004 2230603(B) NV/SG M005			2230601 DB/ M003	2230603 NV/ M003	NEC	
Friday				OC-1		2230604(B) DB/NA M004 2230603(A) NV/SG M005		NEC	
Saturday			1000007 AD/ ONLINE						

Course Code	Category Code	Course Name	Faculty
2230601	DC	Compiler Design	Dr. Dhananjay Bisen (DB)/ Dr. Priyanka Garg (PG) + Mr. Gourav Jha
2230602	DC	IoT System Design	Dr. Namita Arya (NA)
9xxxx	OC	Open Category (OC-1)	Concerned Faculty
2230603	MC	Artificial Intelligence & Machine Learning	Dr. Nookla Venu (NV)/ Dr. Soumyajit Ghosh (SG) + Mr. Gourav Jha
2230604	DLC	Minor Project-II	Dr. Dhananjay Bisen (DB) / Dr. Namita Arya (NA) + Ms. Shashi Goel
200XXX	CLC	Novel Engaging Course	Concerned Faculty
1000007	MAC	Intellectual Property Rights (IPR)	Dr. Aditya Dubey (AD)

Dr. Aditya Dubey	Dr. Soumyajit Ghosh	Dr. Praveen Bansal
	Time Table Coordinator	Coordinator, Centre for IoT

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Dr. Aditya Dubey also described the importance of weekly special classes for remedial purpose *for problem solving and discussion*. He emphasized on adhering to time-table for efficient learning.

4. **NPTEL: Registration, Passing Criterion, and Assignment Submission and Introduction to Outcome based education**

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

   Dr. Priyanka Garg continued the session and discussed the *Vision and Mission* of centre with the students. She 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.

5. **Importance of Feedback (CO,PO, Faculty, Curriculum, Lab)**

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

6. **Internship and projects**

   Dr. Dhananjay Bisen discussed guidelines of various internships already running in institutes like SEP and research internship. He also discussed about Minor and Major Projects in which he encouraged students to choose project topics related to recent technologies. He also motivated to students for publishing research paper on their project topics. He provided practical advice and shared success stories of former students.

7. **Training and Placement session**

   The session related to Training and Placement office was conducted by Departmental faculties. The encouraging statements delivered during the session played a pivotal role in boosting the students' confidence and instilling a sense of purpose and determination. Moving forward, they

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said the Training and Placement cell is planning to incorporate more personalized placement training sessions and regular motivational sessions to continuously support and inspire students throughout their engineering journey.

8. Proficiency Evaluation, Assessment Rubrics for Laboratory courses and PDC Sheet

Dr. Nookala Venu was conducted this session in which he focused on proficiency Evaluation and professional development courses sheet. He discussed how students can earn PDC credits during their B.Tech degree. He also discussed about the guidelines for the continuous evaluation of lab courses. The rubrics for lab courses- preparation, Report, Observation, Behaviour and Viva, were briefly discussed by her. She strictly spoke about maintaining attendance which is not only compulsory for writing examination but also for effective learning.

9. Examination related discussion

The procedure of the examination was explained in detail to the students by *Dr. Saurabh Kumar Rajput*. 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. The following points have been specifically discussed with students:

A. The COs and Bloom's level taxonomy mapped question papers.
B. Structure of question papers.
C. Timely submission of exam form.
D. Criteria for forwarding the examination form by the department.

10. Importance of Student Chapters and Clubs and participating in technical activities outside the Institute

Dr. Aditya Dubey spoke about how various clubs help in developing ambition and friendship among people. He also encouraged the students to do more participation in technical or cultural events outside the institute. He emphasized on the fact that the certificates gathered in all such activities will strengthen the resume of the students which will benefit them in the long run.

11. Session by Proctor

A session by a university proctor (Dr. Vishal Chaudhari) focuses on addressing student concerns, enforcing discipline, providing guidance, and ensuring academic integrity.

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12. Feedback on Orientation Program

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

The orientation program was well structured and organized.	The discussion on the semester scheme and list of courses was helpful.	Discussion on various MOOC/ NPTEL courses was helpful	Explanation on the importance of various feedbacks were useful	Lab visits of new departmental labs were useful	The session on training & placement activities was useful.	Discussion on MAC/NEC/ OC/DE courses was useful	Discussion on Major/Minor/Course Projects/Internship was useful	Any other suggestions
Neutral	Strongly agree	Neutral	Strongly agree	Neutral	Agree	Agree	Strongly Disagree	Good
Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Orientation program was well structured
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	.
Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	No
Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Strongly Disagree	
Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	.
Agree	Agree	Strongly agree	Agree	Neutral	Neutral	Agree	Strongly agree	.
Neutral	Agree	Agree	Neutral	Agree	Disagree	Agree	Agree	no
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Thank you!!
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	..
Agree	Agree	Agree	Agree	Disagree	Agree	Agree	Agree	No
Agree	Agree	Strongly agree	Strongly agree	Neutral	Agree	Agree	Agree	nope
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	No comments
Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	
Agree	Agree	Agree	Strongly agree	Strongly agree	Agree	Strongly agree	Agree	....

Photographs/Screenshots of the Orientation Program:

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Gwalior, Madhya Pradesh, India
66j4+7fx Golden Jubilee Garden Mits, Mela Ground,
Thatipur, Gwalior, Madhya Pradesh 474011, India
Lat 26.230634° Long 78.206213°
06/01/25 12:39 PM GMT +05:30

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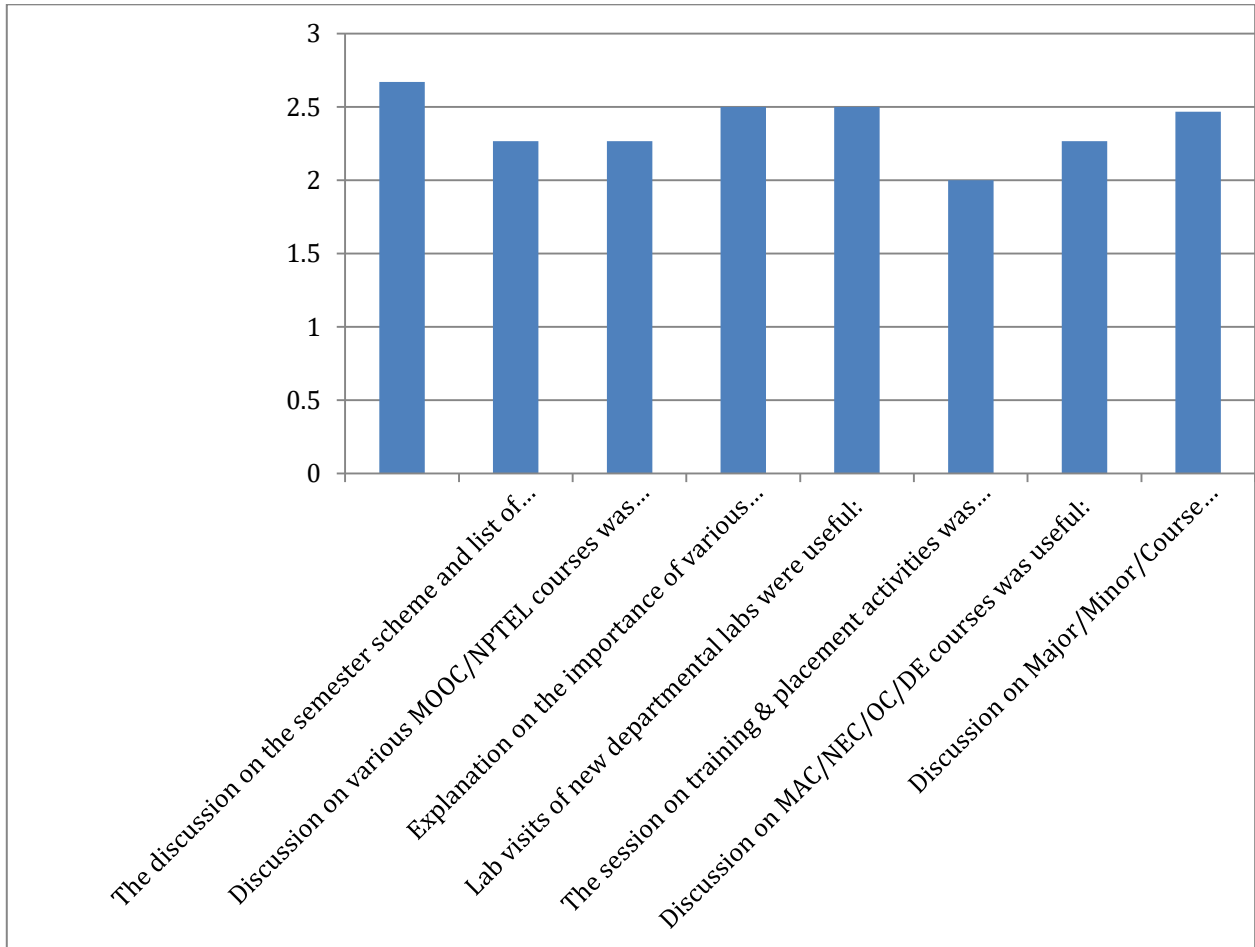
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Attendance- Orientation Program, Internet of Things (IoT)

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ORIENTATION PROGRAM (06/01/2025)

ATTENDANCE SHEET

(JAN. - JUNE 2025)

Thired Year (6th sem)

S.No	Enrolment No	Name of Student	Sign.
1	0901I0233D03	Sachin Tripathi	Tripathi
2	0901I0221049	Nirmal Sahu	Nirmal
3	0901I0221034	Gaurav Prajapati	Gaurav
4	0901I0221022	Bharat Pratap Singh	Bharat
5	0901J0221015	Anurag Sharma	Asharma
6	0901I0221062	Sanskar Puniyani	Sanskar Puniyani
7	0901I0233D04	Bhumi Jha	Bhumi
8	0901I0221057	Priyanka Dhakar	Priyanka
9	0901I0221023	Bhavya Jain	Bhavya
10	0901I0221069	Srishti Rai	Srishti
11	0901I0221059	Rohit Kumar	
12	0901I0221047	Nancy Gupta	Nancy
13	0901I0221046	Naman Agarwal	Naman
14	0901I0221002	ABHAY Gupta	Abha
15	0901I0221052	Prabhat Singh	
16	0901I0221071	Tanmay Bhadoria	
17	0901I0221044	Mukul Sipoliya	M
18	0901I0221006	Aditya Pal	Aditya
19	0901I0221001	Aalok Patel	Apatel
20	0901I0221003	Adarsh Borkar	Adarsh
21	0901J0221012	Amit Kumar Prajapati	Amit
22	0901I0233D02	Harshvardhan Tandon	Tandon
23	0901I0221035	HarshVardhan Joshi	
24	0901I0221073	Tejendra Agrawal	