



# Prototype Development & Validation Clinic

-  4<sup>th</sup> June 2026
-  10:00 AM Onwards
-  IoT Lab, Chhatrapati Shivaji Block
-  2<sup>nd</sup> Year Students



## Faculty Coordinators

**Dr. Karthiyayini J**

Associate Professor  
Department of ISE

**Dr. B Nithya Ramesh**

Associate Professor  
Department of MCA

**Dr. Vinoth Kumar K**

Professor and Associate  
Head-R&D

**Dr. Revathi V**

Dean - R&D

## Convenors

**Dr. Vandana C P**

Associate Professor & HoD  
Department of ISE

**Dr. V. Asha**

Professor and Head  
Department of MCA

**Dr. R J Anandhi**

Dean - Academics

**Dr. Manjunatha**

Principal

Organised by

Department of ISE | Department of MCA | Department of R&D

# **NEW HORIZON COLLEGE OF ENGINEERING**

**Department of R&D, Department of ISE and Department of MCA**

**in association with**

**Institution's Innovation Council**

**Date :04.06.2026**

**Time : 10 AM to 1 PM**

## **Prototype Development and Validation Clinic**

### **POST EVENT REPORT**

The **Prototype Development & Validation Clinic** was successfully organized on **4th June 2026** at the **IoT Lab, Chhatrapati Shivaji Block**, by the **Department of Information Science and Engineering (ISE), Department of MCA, and Department of R&D** in association with the **Institution's Innovation Council (IIC)**. The event was conducted exclusively for **second-year students** with the objective of fostering innovation, creativity, and hands-on learning through prototype development.

The program commenced with an introductory session on **Internet of Things (IoT)** concepts delivered by the deputed faculty members. Students were introduced to the fundamentals of IoT, including sensors, actuators, embedded systems, wireless communication, real-time monitoring, and smart applications. The faculty members highlighted the significance of IoT in solving real-world problems and encouraged students to identify societal and industrial challenges that could be addressed through innovative technological solutions.

Following the technical briefing, students were guided through the process of **idea generation, problem identification, prototype design, and validation techniques**. Various examples of successful IoT-based projects were demonstrated to inspire students and help them understand the practical implementation of theoretical concepts. The participants were encouraged to brainstorm innovative ideas and transform them into working prototypes using available hardware and software resources.

The students actively participated in the clinic and worked in teams to conceptualize and develop their prototype models. After the development phase, each team presented and demonstrated their prototypes before the faculty panel. The students explained the objectives, working principles, implementation methodology, challenges faced, and potential applications of their projects. The interactive presentation sessions enabled students to receive constructive feedback and suggestions for further improvement and validation of their ideas.

The event served as an excellent platform for experiential learning and innovation-driven education. It enhanced students' technical knowledge, problem-solving abilities, teamwork, communication skills, and confidence in transforming ideas into practical solutions. The Prototype Development & Validation Clinic successfully motivated students to pursue research, innovation, and entrepreneurship, aligning with the objectives of the Institution's Innovation Council and promoting a culture of creativity and technological advancement within the institution.

### **Photographs / Screenshots**









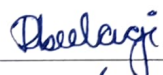
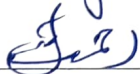





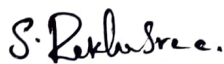
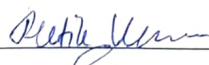
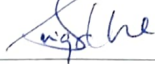
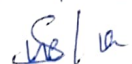
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**Prototype Development and Validation Clinic****ATTENDANCE SHEET**

Sl.No	USN	Name	Signature
1	1NZ24CS222	Svettha Prasanth	
2	1NZ24CS224	Taluyya Firdous Irfan	
3	1NZ24CS228	T.S Adithya	
4	1NZ24CS212	Spoorthi.T.J	
5	1NZ24CS213	Srimathi R	
6	1NZ24CS182	Shruthi S	
7	1NH25CS425	Radhika	
8	1NH25CS426	Rahmatha Raiyan	
9	1NZ24CS184	Saanvi Singh	
10	1NH24CS262	Ujjwal Khanna	
11	1NZ24CS194	Sashank Ravirat	
12	1NZ24CS198	Shahroz Fakki Ahamed	
13	1NH25CSHH1	Svettha A	
14	1NZ24CS191	Sarabanna Gani Rekha Sree	
15	1NZ24CS161	Reetika Verma	
16	1NZ24CS211	Smidha Yadav	
17	1NZ24CS210	Smeha S	

18	INH24MC032	Bhavya M	<del>Rita</del>
19	INH24MC036	Chintha Jayanth	<del>C. Jay</del>
20	INH24MC040	Daashanov	<del>Dh</del>
21	INH24MC046	Ganesh R	<del>Ganesh</del>
22	INH24MC022	Ashish Padukone	<del>Ashish</del>
23	INH24MC139	Seemini Kalgetkar	<del>Seemini</del>
24	INH24MC044	Dikshant	<del>Dikshant</del>
25	INH24MC048	Harisovind J.P	<del>Harisovind</del>
26	INH24MC009	Agney . E . R	<del>Agney</del>
26	INH24MC067	Madhu. Gur.	<del>Madhu</del>
28	INH24MC106	Ranjita. Nigale	<del>Ranjita</del>
29	INH24MC031	Bharavi Shukla.	<del>Bharavi</del>
30	INH24MC055	KARISHITA Y.M	<del>Karishita</del>
31	INH24MC041	Deekshika	<del>Deekshika</del>
32	INH24MC158	Vinayak V Patgar	<del>Vinayak</del>
33	INH24MC123	Shailparaj	<del>Shailparaj</del>
34	INH24MC138	Suyash Trivedi	<del>Suyash Trivedi</del>
35	INH24MC130	JRUTAN	<del>Jrutan</del>
36	INH24MC149	UDA-UDM	<del>UDA-UDM</del>
37	INH24MC144	Pooja Gowda	<del>Pooja</del>
38	INH24MC142	Tannay Parna	<del>Tannay Parna</del>
39	INH24MC152	Vaishnavi Bengale	<del>Vaishnavi</del>
40	INH24MC034	Chandree	<del>Chandree</del>