

WORKSHOP
on
“Arduino And Embedded Systems – Learn, Code And Create
+ Quiz Competition”
3rd workshop of robotics
Organized By

Department of Electronics and Communication Engineering
Faculty of Engineering and Technology

Gurukula Kangri (Deemed to be University), Haridwar, Uttarakhand



ARDUINO AND EMBEDDED SYSTEMS
Learn, Code and Create
+ Quiz Competition

Organized by Faculty of Engineering & Technology, Gurukul Kangri (Deemed to be University), Haridwar
Robo_Dynamics Club

Date: 10 Oct 2025(Friday) **Faculty coordinator:**
Time: 02:00 P.M **Mr. Anuj Kumar Sharma**
Venue: OSH **Mr. Sanjay Singh**

Student Coordinator:

Harsh Chourasia, Praveen Gupta, Rishabh Chaurasiya,
Vishwajeet Kharat, Bikram Singha, Pramod Singh

The Faculty of Engineering and Technology, Gurukul Kangri (Deemed to be University), Haridwar, organized a workshop titled “Arduino and Embedded Systems – Learn, Code and Create + Quiz Competition” on 10th October 2025 (Friday) under the Institution’s Innovation Council (IIC). The event was conducted by the Robo_Dynamics Club at the Mechanical Seminar Hall (OSH).

The objective of the workshop was to provide students with practical knowledge of Arduino programming, embedded system design, and real-time hardware interfacing. The session emphasized the importance of microcontroller-based automation and its wide applications in robotics, IoT, and smart devices. Students learned about the fundamental components of Arduino boards, sensors, actuators, and their integration through coding and circuit development. The hands-on session encouraged participants to learn by doing, where they implemented simple projects and participated in an engaging quiz competition to assess their conceptual understanding. This initiative aimed to enhance problem-solving skills and creativity among budding engineers in the field of embedded systems.

The workshop was coordinated by Mr. Anuj Kumar Sharma and Mr. Sanjay Singh (Faculty Coordinators), with Harsh Chourasia, Praveen Gupta, Rishabh Chaurasiya, Vishwajeet Kharat, Bikram Singha, and Pramod Singh serving as Student Coordinators.

The event was well-received and highly interactive, inspiring students to explore innovations in embedded technologies and microcontroller-based system design. The session concluded with an appreciation note for all coordinators and participants for their active involvement. The program was finally concluded with “Shanti Paath”.

Glimpse of Event:









Students Present In Workshop

Name	Reg no.	Branch
Rudra Pratap Singh	256330032	EE
Mahtab	256320058	ECE
Aman kumar singh	256320023	ECE
Arnav Chauhan	256330010	EE
Himanshu Yadav	256330044	EE

Srijan Bodh	246301202	CSE
Prem Hans	256330043	EE
Shashank Singh	256320086	ECE
Yash	256320105	ECE
Ojas Chaudhary	256330024	EE
Shubh Chandra	256320091	ECE
Shreeyansh Rai	256320090	ECE
Shorya pundir	256330034	EE
Chirag Singh patwal	256330014	EE
Gorishankar kumawat	256330015	EE
Ujjwal mishra	256330038	EE
Ankit kumar	256320027	ECE
Daksh	256320041	ECE
Nandkishor sahani	256320065	ECE
Gautam Thakur	256320108	ECE
Anmol Ratn	256330007	EE)
Anish Kumar	256320026	ECE
Dev Saini	256320043	ECE
Amulya Sharma	256320024	ECE
Ritesh Kumar	256320076	ECE
Mahato Alem	256320058	ECE
Ramratan Verma	256301168	CSE
Prabhu Ram	256301150	CSE
Karan Singh	256301120	CSE
Ravi Kumar	256301171	CSE
Raushant Kumar Mehta	256301170	CSE
Krishnakant Raj	256301123	CSE
Deepak Kumawat	2563010016	ME
Sameer	256310028	ME
Akash verma	256310006	ME
Pushpender Mehra	256301159	CSE
Ayush Tyagi	256320039	ECE
Saurabh Shukla	256320084	ECE
Amrit Ohori	256320029	ECE
Aarush	256301168	CSE
Agrim Gupta	256320009	ME
Kousik Mahato	256301121	CSE
Prashant Dixit	256301152	CSE
Priyanshu Soni	256301157	CSE
Harshit Kansal	246301091	CSE
Adarsh Kumar	256310004	CSE
Shubham Kumar	256301197	CSE

Vishal Salem	25630124	CSE
Sumit Kumar	256301204	CSE
Akshit Kumar	256310007	ME
Hariom Kumar	256320046	ECE
Ankit Kumar	256320027	ECE
Sarhok Singh Chowdhary	256320082	ECE
Anoop Patel	256330008	EE