



Report on One Day Workshop on Hands-on Practice on IOT and Drone Technology

**Department of Electronics and Communication Engineering
School of Studies in Engineering and Technology
and
Technology Enabling Centre
Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.)**

Date of Event : March 28, 2024

Venue : E-Class Room New IT- Building, SoS E&T, GGV Bilaspur (Offline Mode)
and Zoom Platform (Online Mode)

The poster is for a workshop titled "Hands-on Practice on IOT and Drone Technology" organized by the Department of Electronics & Communication Engineering and the Technology Enabling Centre at Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The event is scheduled for 28 March, 2024, at 11:00 A.M onwards in the E-Classroom, New IT Building. The poster features a central graphic of a hand holding a drone. It lists several speakers, including Dr. Abhinav Rawat, Dr. Rajiv Dey, and Prof. Alok Kumar Chakrawal. It also mentions the Chief Parton, Parton, Co-Parton, and Co-Parton. The poster includes contact information for the coordinator, convener, and co-conveners. There are also logos for IEEE, the university, and the Ministry of Education, India.

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)
A CENTRAL UNIVERSITY ESTABLISHED BY THE CENTRAL UNIVERSITY ACT 2009 NO.25 OF 2009

Department of Electronics & Communication Engineering
&
Technology Enabling centre

Jointly Organizing
One Day Workshop
(in Hybrid mode)
on
Hands-on Practice on IOT and Drone Technology

28 March, 2024
11:00 A.M onwards
venue- E-Classroom, New IT Building

Speakers:-

- Dr. Abhinav Rawat
Associate Professor, ECS, IITMAM
Ahmedabad (Gujrat)
- Dr. Rajiv Dey
Associate Professor, ECE, GGV
Bilaspur (C.G.)
- Chief Parton
Prof. Alok Kumar Chakrawal
(Vice-Chancellor, GGV)
- Parton
Prof. Manish Shrivastava
(Registrar, GGV)
- Co-Parton
Prof. S.C. Shrivastava
(DEAN, Engineering & Technology)
- Co-Parton
Prof. Soma Das
(HOD, ECE)
- Coordinator
Prof. Alok Kumar Kushwaha
(Coordinator, TEC)
- Convener
Dr. Nikita Kashyap
(Assistant Professor, ECE)
- Co-Convenor
Mrs. Pragati Patharia
(Assistant Professor, ECE)

Mobile no :- 7828815656,
7000906389

Contacts:-
Email:- nikita2010k@gmail.com
pathariapragati@gmail.com

<Flayer of the Event: Workshop on Hands-on Practice on IoT and Drone Technology>



Details of Event Proceedings

Date	Details of the Session	Details of Resource Person	Number of Participants
28-03-2024 (Morning Session)	Talk and Hands-on Practice on IOT Technology	Dr. Rajiv Dey, Associate Professor (ECE), Guru Ghasidas Vishwavidyalaya Bilaspur, (C.G.), India	168 (84 Online, 84 Offline)
28-03-2024 (Evening Session)	Talk and Hands-on Practice on Drone Technology	Dr. Abhishek Rawat, Associate Professor (Electrical and Computer Science Engineering), Institute of Infrastructure Technology Research and Management, Ahmedabad, Gujarat, India	168 (84 Online, 84 Offline)

A Brief abstract of the event

In today's fast-paced digital era, the Internet of Things (IoT) and drone technology have emerged as transformative forces, reshaping industries, and everyday life. IoT refers to the network of interconnected devices that can communicate and exchange data, enabling seamless automation and connectivity. Drones, on the other hand, are unmanned aerial vehicles that have revolutionized industries such as agriculture, surveillance, and logistics by offering cost-effective and efficient solutions.

Objectives of the workshop were:

- To Provide hands-on experience with IoT devices and drones.
- Develop practical skills in operating IoT and drone technology.
- Understand the applications of IoT and drones across industries.
- Encourage innovation and creativity in technology use.
- Facilitate networking and collaboration among participants.



By considering this theme, Department of Electronics & Communication Engineering and Technology Enabling Centre, Guru Ghasidas Vishwavidyalaya Bilaspur organized a one-day workshop on “Hands-on Practice on IoT and Drone Technology” on 28 March 2024. The workshop was conducted in a hybrid mode, accommodating both online and offline participants. It is worth noting that some participants joined us online from outside the state, indicating the workshop's reach and impact beyond geographical boundaries

The morning session of the workshop began with the registration of participants, both offline and online, followed by the distribution of workshop materials. The convener, Dr. Nikita Kashyap, then welcomed the guests and participants, officially commencing the workshop. In her opening remarks, she highlighted the objectives of the workshop and emphasized the significance of IoT and drone technology in today's world. Following the welcome address, she introduced the resource person, Dr. Rajiv Dey, recognizing his expertise in the field. Dr. Dey proceeded to deliver an insightful thematic talk on IoT technology, covering its fundamental principles, applications across industries, and future trends. Participants found the talk informative and engaging, gaining valuable insights into the potential of IoT technology. After the talk, participants were invited to participate in hands-on practice sessions on IoT technology. Under the guidance of Dr. Rajiv Dey and workshop facilitators, participants had the opportunity to experiment with IoT devices and systems, gaining practical experience in their operation and applications.

The evening session of the workshop commenced with a warm welcome extended to the guests and participants by the convener, Dr. Nikita Kashyap. She then introduced the resource person for the session, Dr. Abhishek Rawat, highlighting his expertise in the field of drone technology. Dr. Rawat proceeded to deliver an insightful thematic talk on drone technology, covering its evolution, types, applications, and future trends. The talk was well-received by participants, who appreciated the depth of knowledge and practical insights shared by Dr. Rawat. Following the thematic talk, participants engaged in hands-on practice sessions on drone technology. The hands-on practice sessions were informative and engaging, providing participants with practical experience and valuable insights into drone technology. After the hands-on practice sessions, participants were treated to refreshments, allowing them to network and unwind after the engaging sessions. Certificates were then distributed to participants to acknowledge their participation and successful completion of the workshop. The workshop concluded with a vote of thanks delivered by the convener, Dr. Nikita Kashyap, expressing gratitude to all participants, speakers, and organizers for their contributions to making the workshop a success. During the valedictory ceremony, the faculties of the Department of Electronics and Communication Engineering were also present.

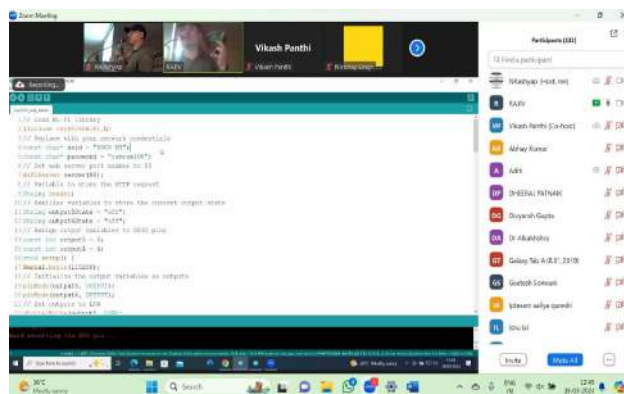


What is Internet of Things

The Internet of Things is the network of physical objects ("things") that are embedded with sensors, software, and other technologies, which enable them to exchange data with other devices and systems.

GPS Map Camera

Bilaspur, Chhattisgarh, India
 Unnamed Road, Koni, Bilaspur, Chhattisgarh, 495009, India
 Lat 22.070639°
 Long 82.127213°
 28/03/24 12:25 PM GMT +05:30



<Thematic Talk by Resource Person- Dr. Rawat>



<Participants Attending the workshop on Hands-on Practice on IoT and Drone Technology>



<Valedictory Ceremony>



<Felicitation Ceremony>