A Report on Expert Talk on 'Job Opportunities in the field of Arduino, Robotics and IoT'	
Day & Date of Conduction	Friday, 02nd Feb. 2024
Faculty Coordinators	Mr. Dipak S. Yeole, Assistant Professor, Electrical Engineering Department, VPKBIET, Baramati, Dist. Pune
Chief Guest/Resource Person	Mr. Narendra Nath Banarjee, CEO and founder of Botics Edutech Pvt ltd, Pune
Sponsored By	Electrical Engineering Department, VPKBIET, Baramati organised program in association with Electrical Engineering Students Association (ELESA)
Number of Participants	110

A Expert talk on "Job Opportunities in the field of Arduino, Robotics and IoT" was organized by Electrical Engineering Department, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati in association with Electrical Engineering Students Association (ELESA), on 2nd Feb. 2024.

The main objective of the expert talk was to develop awareness of Arduino, Robot and IoT use in different field, skill required amongst the students.

Introduction: The session on "Job Opportunities in the field of Robotics and IoT" conducted by Mr. Narendra Nath Banarjee provided valuable insights into the burgeoning fields of robotics and Internet of Things (IoT), highlighting the career prospects, requisite skills, and application areas within these domains.

Key Points Covered:

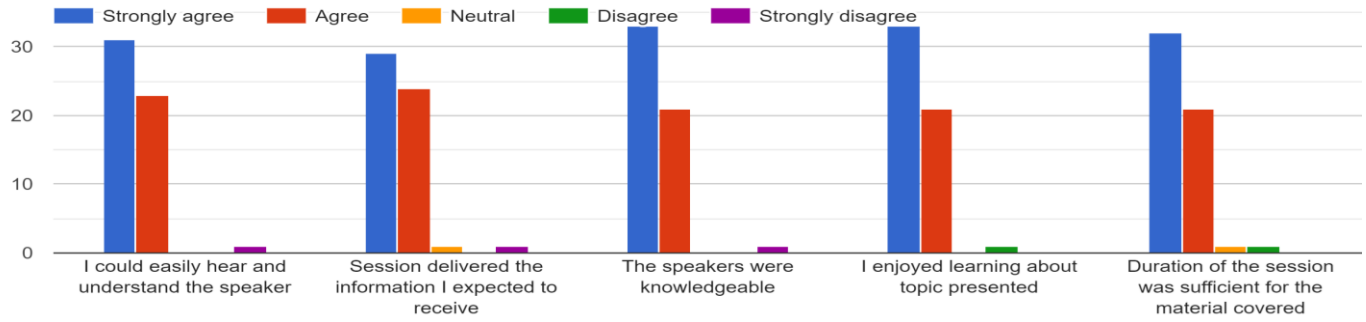
1. **Understanding Robotics, Arduino, and IoT:** Mr. Banarjee commenced the session by elucidating the concepts of robotics, Arduino, and IoT. He explained how robotics involves the design, construction, and operation of robots to perform various tasks autonomously or under remote control. Additionally, he discussed Arduino as an open-source electronics platform that facilitates the creation of interactive projects, and IoT as the network of interconnected devices capable of exchanging data.
2. **Job Sectors Utilizing Robotics, Arduino, and IoT:** The speaker delved into the diverse sectors where robotics, Arduino, and IoT find applications. He highlighted industries such as manufacturing, healthcare, agriculture, transportation, and home automation as prominent areas leveraging these technologies. Mr. Banarjee provided examples of how robots are utilized in assembly lines, IoT devices monitor environmental conditions in agriculture, and Arduino-based projects enhance home security and convenience.
3. **Skills Required in the Field:** A significant portion of the session was dedicated to discussing the skills required to excel in the field of robotics and IoT. Mr. Banarjee emphasized the importance of a multidisciplinary skill set encompassing programming, electronics, mechanical engineering, and data analysis. He underscored the need for continuous learning and adaptability to keep pace with the rapidly evolving technology landscape.

4. **Exploration of Career Opportunities:** The session concluded with an exploration of career opportunities available in robotics and IoT. Mr. Banarjee highlighted roles such as robotics engineer, IoT developer, automation specialist, data scientist, and system integrator as promising career paths within these domains. He encouraged participants to pursue internships, hands-on projects, and certifications to gain practical experience and enhance their employability.

Conclusion: In conclusion, the session on "Job Opportunities in the field of Robotics and IoT" led by Mr. Narendra Nath Banarjee provided attendees with valuable insights into the dynamic and promising career prospects within these emerging technologies. Participants gained a deeper understanding of the application areas, requisite skills, and avenues for professional growth in the fields of robotics and IoT.

Feedback

On the scale below, please rate your level of agreement on the following statement about the session.



Event Photographs

Felicitation of Mr. Narendra Nath Banarjee

Mr. Narendra Nath Banerjee Delivering the Session

Mr. Dipak Yeole
Co-ordinator

Mrs. Pooja Jaiswal
HoD, EED, VPKBIET