

## **SSES Amt's Science College, Congress Nagar, Nagpur**

### **One Day Workshop on On Job Training (OJT)**

#### **Session 2023-2024**

**13/02/2024:** The Department of Physics, Shri Shivaji Education Society Amravati's SCIENCE COLLEGE, Nagpur recently organized a one-day workshop on ***On Job Training*** (OJT) in collaboration with **V S Informatics Pvt Ltd, Nagpur**. The workshop aimed to introduce postgraduate students of M.Sc. Physics, B Sc IIIrd year students, and Physics Society Members to the company's profile and the opportunities available in the fields of PCB designing, Embedded Systems, and IoT (Internet of Things). Mr. Sandeep Sonskar, Director, and Mr. Kunal Khawashi, R&D Engineer, represented the company and delivered insightful talks.

The interaction commenced with a warm welcome address by Dr. S W Anwane, who provided an overview of the workshop's purpose, significance, and expected outcomes for both the company personnel and students. Dr. Anwane also highlighted the importance of industry exposure in empowering students with employability, aligning with the objectives of the National Education Policy (NEP) 2020. He elaborated on the NEP expectations, Maharashtra Government's impositions, and the operating procedures of RTMN University, Nagpur, related to OJT.

**Mr. Kunal Khawshi** then presented an overview of V S Informatics, emphasizing its role in offering industry-relevant training programs. He emphasized the significance of hands-on experience and practical skills development in today's competitive job market, particularly in ***PCB Designing and Fabrication***. Mr. Khawshi discussed the curriculum, duration, and practical aspects of the training programs, underscoring their relevance in the industry and the potential for high salary packages.

Subsequently, **Mr. Sandeep Sonaskar** elaborated on ***Embedded System & IoT*** and their significance across various industries, including automotive, healthcare, and consumer electronics. He discussed the hardware and software components comprising embedded systems and explained the important considerations in their design, such as power consumption, real-time constraints, reliability, and security. Mr. Sonaskar also explored the tools and technologies commonly used in embedded systems development, including VHDL (Very High-Speed Integrated Circuit Hardware Description Language).

The interaction concluded with an engaging Q&A session, allowing students to seek clarification on various aspects of OJT opportunities and industry-institute interactions. The Physics Society's student office bearers managed the entire program, with Miss Anushka Palandurkar, Vice President, Ms. Aishwarya Mendawade, Secretary, and Ms. Sneha Sharma, Joint Secretary, playing key roles in coordinating

the event. Mr. Pavan Lakhe, Secretary, introduced the guest speakers, while Ms. Mendawade proposed the vote of thanks.

Dr. R N Pathare, Mentor (OJT), and Dr. S V Khangar, Convener (Physics Society), played instrumental roles in coordinating and ensuring the success of the program. The active participation of all Physics faculty members and UG/PG students contributed to the program's effectiveness and value.





