



Report on “3D Printing Lecture”

PSG iTech, in association with the Indian Society for Technical Education (ISTE) Student Chapter organized a guest lecture on **3D Printing** for the first year students as part of **Technological Advancements- Lecture Series** on 12th Dec. 2020. Mr.Vignesh Hari, an alumnus of KTH Royal Institute of Technology, Sweden, addressed the students on various aspects of 3D Printing Technology. Dr.P.V.Mohanram, Principal, welcomed the students and faculty participants. During the welcome address, students were explained about the importance of ISTE and were requested to identify and explore some of the latest state-of-the-art technologies like Artificial Intelligence, 3D Printing and expand their horizon of knowledge. Also, students were motivated to utilize the 3D Printing Technology available in the campus.

Mr. Vignesh Hari, in his detailed presentation, defined 3D Printing, differentiated subtractive and additive manufacturing, and explained in detail about the working of 3D Printing and its industrial applications with interesting videos and pictures. Students were elaborated on the materials that could be employed for 3D printing technology like plastics, ceramics, and metal. The resource person also highlighted on Metal 3D Printing and discussed the advantages of Power Bed Fusion (PBF) process. In addition, he explained about the application of PBF process in various fields like medical, aerospace, and automation. Also, the future of 3D Printing and its impact were discussed.

Finally, Dr M I Abdul Aleem, Secretary (ISTE PSG iTech), Professor and Head, Dept of Civil Engineering, proposed the vote of thanks and invited all the interested students to explore various avenues of knowledge in 3D printing. Mr.D.Venkatesh, Asst. Professor, Dept. of ECE, coordinated the session.



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
(Approved by AICTE and Affiliated to Anna University)
Neelambur, Coimbatore - 641062



From Left: Dr. I Abdul Aleem, Secretary (PSG iTech- ISTE), Dr PV Mohanram, Principal, Mr.Vignesh Hari, , KTH Royal Institute of Technology, Sweden, Dr.G.Chandramohan, Vice-Principal and Dr.P.Vetrivelan, Associate Professor and Head (i/c), Dept of ECE, during the lecture on 3D Printing, held on 12th Nov. 2020.



Mr. Vignesh Hari, KTH Royal Institute of Technology, Sweden addressing the students on 3D Printing on 12th December 2020.