



योग: कर्मसु कौशलम्
IN PURSUIT OF PERFECTION

Vivekananda Institute of Professional Studies Vivekananda School of Information Technology

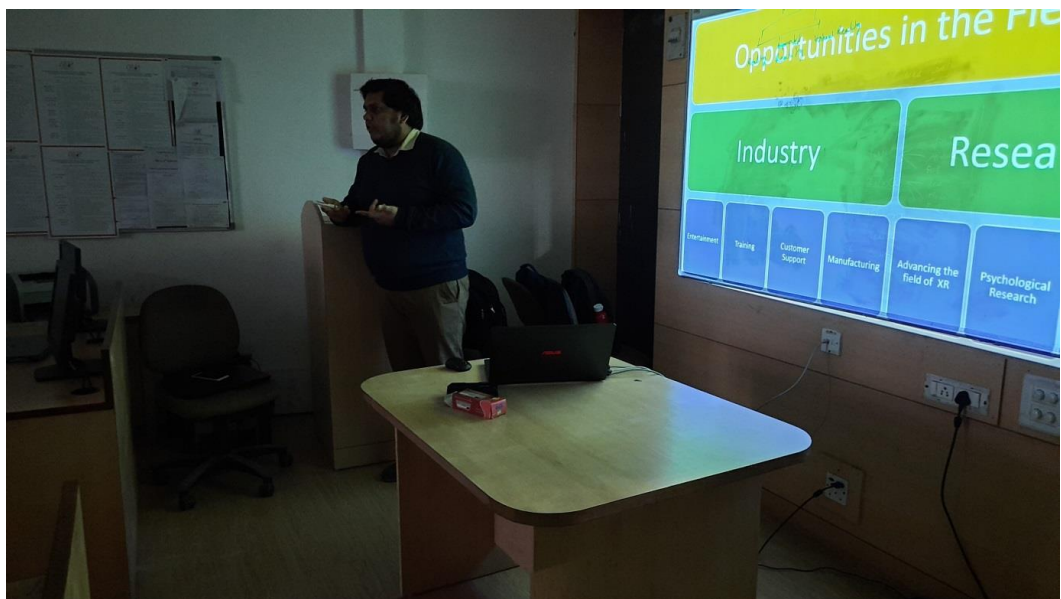
Interactive Session on Introduction to XR

The interactive session was conducted on 21st February 2020 by Mr. Vishal Pandey, a Senior Research Fellow at BME (Bio-Medical Engineering) Department, INMAS, DRDO. The session was attended by students of VR Skill enhancement course and faculty members of VSIT, VIPS.

Mr. Vishal started the session by explaining the frequently changing meaning of XR (Extended Reality) in the IT industry. He thoroughly explained the implementation of XR in games meant for entertainment as well as games for training purposes through XR. He also explained how XR is being used in defense personal training, industrial training and education. He told about the hardware and various game development engines that are used for implementing XR in the industry along with every game engine's advantages and disadvantages. He also discussed the future scope and job opportunities in XR. Mr. Vishal Pandey told students about the work he is doing at INMAS, DRDO in XR and how it is being used with other techniques and technologies such as artificial intelligence, reinforcement learning, Unity's ML-Agents. The faculty coordinator, i.e. Dr. Dheeraj Malhotra of VSIT, VIPS motivated the participants to take benefit of the opportunity and requested Mr. Vishal Pandey to discuss their projects, ideas, and implementation. Mr. Vishal Pandey concluded the session by reviewing the project work of students enrolled in the VR skill enhancement course. He gave suggestions to the students on how to improve their work and extend their projects ideas further

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to make their project better. He shared some project ideas with students, motivated them and gave them direction to think and work in XR development.





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