N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY:: VIDYANAGAR
Department of Electronics and Communication Engineering

ALTIUM PCB Design Workshop

Date: 08/11/2024

Report

One Day online Workshop on "ALTIUM PCB Design" was organized under the department of Electronics and Communication Engineering and Placements at N.B.K.R Institute of Science & Technology, Vidyanagar on 08-11-2024 in association with ALTIUM, Bangalore.

The resource person is Mr. Surendra Narasimha from ALTIUM. Total 101 students from IV B.Tech ECE are attended the Workshop. The day started with the inaugural address and the trainer mentioned demand of ALTIUM tool and the job opportunities. Dr.G.Harinatha reddy, HOD/ECE, M.Sivakrishna Placement Coordinator, Asst. Prof of ECE and other faculty members also took part in the workshop actively.

Altium Limited is an American multinational software company that provides electronic design automation software to engineers who design printed circuit boards. Founded as Protel Systems Pty Ltd in Australia in 1985, the company has regional headquarters in the United States, Australia, China, Europe, and Japan. Its products are designed for use in a Microsoft Windows environment and used in industries such as automotive, aerospace, defence and telecommunications. Its flagship product, Altium Designer, is a software for unified electronics design. Since August 2024, Altium is a subsidiary of Renesas Electronics.

Altium Designer is a **complete solution for PCB projects**, from basic circuits to full avionics systems. With tools for design rule management, advanced routing, and 3D surface design, you can efficiently navigate complexities and control costs.

In the session resource person have covered the installion of Altium 365 and introduction to the workspace.The demonstration clearly explained the design of sample circuit, routing the paths and 2D and 3D PCB circuit board design.

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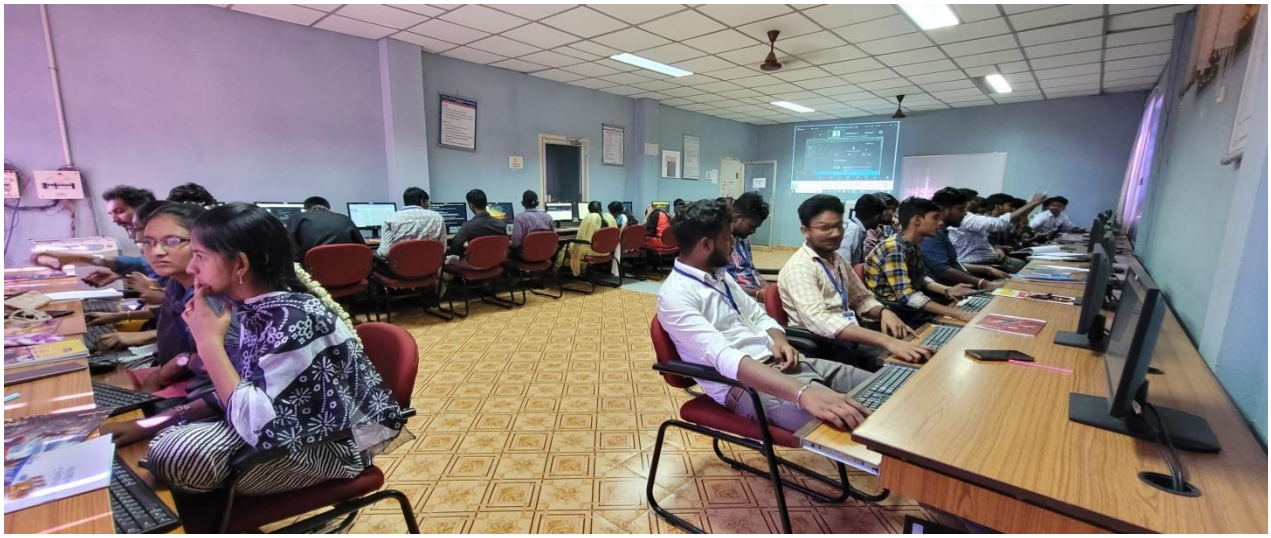
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