

**Event Name : Student-Centric Workshop on MATLAB**

**From Date : 27. 11. 2025**

**To Date : 27. 11. 2025**

**Organised by : PG Departments of Mathematics and Physics**

**Academic Year : 2025 – 2026**

**Report:**

The PG Departments of Mathematics and Physics of Auxilium College (Autonomous), Vellore jointly organized a Student-Centric Workshop on MATLAB on 27<sup>th</sup> November 2025 from 9:30 a.m. to 12:00 noon at the Muriel Block (Room No. 2) under the DST-FIST funded programme. The session was led by Dr. M. Yamuna, Professor Grade 1, Department of Mathematics, School of Advanced Sciences, VIT, Vellore, who introduced MATLAB as a powerful high-level programming environment for numerical computation, algorithm development, data analysis, simulation, and visualization. She explained the significance of MATLAB in engineering, applied sciences, and research while demonstrating practical examples and graphical outputs. The workshop covered important topics such as basics of MATLAB, line plots, surface plots, graph theory, and solving physics-related problems, providing students with hands-on exposure and enhancing their computational skills. A total of 30 participants, including PG students and research scholars, attended on a first-come, first-served basis, and all were provided with e-certificates. The workshop was highly beneficial, offering an engaging and interactive learning experience that strengthened students' understanding of computational tools essential for academic and research activities.