Report of Workshop on 'MERN Stack Development'

The Internal Quality Assurance Cell (IQAC), in association with the Department of Information Technology, organized a Workshop on **'MERN Stack Development'** on **31st July 2026**. The workshop was organized with the objective of providing students with practical knowledge of modern web application development using the MERN technology stack.

The workshop was inaugurated in the presence of the Principal Dr. S. L. Gaikwad ,I.Q.A.C Coordinator Dr.S. S. Waghmode, Course Coordinator Prof.Leena U.Karan, Resource person from *Mr. Vivek Sharma from Quastech Development Pvt. Ltd, Thane*, Faculty members, and B.Sc. IT students. In the introductory speech, Course Coordinator Prof. Leena U.Karan emphasized the importance of emerging technologies and the growing demand for full-stack developers in the IT industry were highlighted in her motivated students to actively participate in this workshop.

Principal Dr. S.L Gaikwad sir explained that Such workshops are useful in bridging the gap between academic learning and current industry requirements. It contributed towards enhancing their technical skills, programming abilities, and industry readiness.

Inaugural session ends with vote of thanks proposed by Prof. Archana Ghangav.

During second session the resource person introduced the students to the MERN Stack and explained working of four technologies together to develop complete web applications. The sessions included conceptual explanations as well as practical demonstrations. Students were introduced to the development environment and were guided through the basic process of creating a web application. Practical examples helped students understand frontend development using React.js, backend development using Node.js and Express.js, and database management using MongoDB. Workshop ends with expressing its sincere appreciation to the IQAC, resource person, faculty members, and students for their valuable contribution and active participation in making the workshop successful.