

Job Description – Associate Professor (EF3)

Faculty Code

EF3

Department

School of Medical Technology

Position

Associate Professor

No. of Positions

01

Qualification

- *M.Tech and Ph.D*
- *Specialization in Biomedical Engineering / Electrical Engineering / Mechatronics / Robotics / Instrumentation Engineering / Material Science / Metallurgy*

Key Responsibilities

- *Deliver postgraduate-level teaching in core and advanced subjects related to medical technology*
- *Design and update curriculum aligned with industry and regulatory requirements*
- *Lead and mentor student research projects and dissertations*
- *Publish research papers and contribute to funded research projects*
- *Support laboratory development and advanced experimentation*
- *Collaborate with industry and research institutions*
- *Participate in academic administration and quality assurance activities*

Technical Expertise Required

- *3D Printing & Biofabrication*
- *Biomechanics / Sports Mechanics*
- *Computer Aided Design (CAD)*
- *Microfluidics*
- *Control Systems*

Software Skills

- *AutoCAD*
- *ANSYS*
- *CATIA*
- *Robot Operating System (ROS – Humble / ROS – Iron)*