



TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur-441108 Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University)



Department of Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name: **BEC3511: Biomedical Instrumentation**

| EC3511 | Course Outcome |
|---------------|--|
| CO1 | Relate the principles of biomedical instrumentation to the physiological systems of the body |
| CO2 | Illustrate the use of electrodes in capturing biopotential signals. |
| CO3 | Analyze the impact of cardiovascular conditions on the performance of biomedical devices |
| CO4 | Examine the use of diagnostic X-ray equipment in obtaining and interpreting medical images |
| CO5 | Analyze the data obtained from monitoring instruments to assess patient health status |