



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI BHAGWATI COLLEGE OF ENGINEERING, NAGPUR**

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An Autonomous Institution Affiliated to R.T.M. Nagpur University, Nagpur

Accredited with Grade 'A' by NAAC

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**Department of Electronics & Communication Engineering**  
Academic session 2024-25

**Innovation in Teaching Learning Process**

**Name of Course:** - Biomedical Engineering

**Course code :** BEETC-703PE

**ICT-Enabled Pedagogical Activity :** *Expert lecture on "Collaborative Approaches for Environmentally Safe Biomedical Engineering Practices in Healthcare Systems"*

1. Event Title : *Expert lecture on "Collaborative Approaches for Environmentally Safe Biomedical Engineering Practices in Healthcare Systems"*
2. Event Date : 04/09/2024
3. Event conduction duration : 1 Day
4. Event venue : Second Floor , EC Class Room
5. ICT tools used : Projector & Computer System
6. Sem/Branch : 7<sup>th</sup> Semester
7. Event resource person : Mr. Kuldeep Pande, Assitant Proffesor Yeshwantrao Chavan College of Engineering Nagpur
8. Name of Event Coordinator : Dr. D.M. Kate Associate Prof. EC Department, PBCOE Nagpur
9. Objective : The major objectives were:
  - To provide awareness about environmentally safe practices in biomedical engineering.
  - To understand the importance of waste management and sustainability in hospitals.
  - To highlight the role of interdisciplinary teamwork in ensuring patient and equipment safety.
  - To emphasize the importance of communication between biomedical engineers and healthcare professionals.
  - To supplement the **attainment of POs 7, 9, and 10** of the Biomedical Engineering course.
10. Outcome : After attending the webinar, students were able to:
  - Understand environmental sustainability in healthcare settings
  - Describe collaborative roles of various healthcare professionals
  - Recognize the importance of safety measures in medical equipment handling

Demonstrate improved awareness of communication in biomedical environments

Connect theoretical concepts of the Biomedical Engineering subject with practical hospital scenarios

