

## **Brief biodata**

Name: **Dr. (Mrs.) Krishna Pramanik**

### **Professor & Dean (Student Welfare)**

National Institute of Technology, Rourkela  
Department of Biotechnology & Medical Engineering  
Rourkela-769008, Orissa, INDIA



### **Qualifications**

Ph.D. Doctor of Philosophy in Reaction Engineering from the University of Calcutta in 1995.

M.Tech in Petrochemicals & Petroleum Refinery Engineering from Calcutta University in 1987

B.Tech :Chemical Technology from Calcutta University in 1985

**Experience:** 20years of experience in teaching, research and industry. Her research work culminated in a large number of publications (about 50nos.) in journals and conferences at National and International level. Because of her research work she was recognized and honored by the Government of India by bestowing upon her the **prestigious Women Scientist award** by the Ministry of non-conventional Energy Resources, Government of India.

She was also awarded with the prestigious **The Sir Ganga Ram Memorial Award** by the Inst. of Engineers (I) and the **best paper award** by the Indian Institute of Chemical Engineers. She has been associated with a number of prestigious professional bodies.

**Overseas visit:** USA, Germany, Thailand, Singapore, Newzealand, Austria, Romania for various academic purposes

### **Title of BIOMEDD-2010 Lecture:**

“Bio-composite Materials for Tissue Engineering-  
Challenges & Prospects”

### **Contact Information**

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### **Research Interest :**

- Biomaterials for tissue Engg. scaffolds
- Cryopreservation of cells & cell-scaffold constructs
- Fermentation & Industrial pollution control
- Bone & cartilage regeneration–
- biomineralization induction,
- Biocompatibility testing & evaluation
- Biodegradable biomaterials: synthesis & stability testing
- Physical and chemical characterization of nanoparticles for biomedical application
- Stem cell culture & differentiation