

Dr. Manoj Kumar Mondal

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Introduction Manoj K Mondal is a senior financial professional, an academician and an innovator with several patents to his credit. He has received several laurels for his innovations including gold medal for Best Innovation (2008) awarded jointly by Lockheed Martin, Stanford University, University of Texas at Austin USA and FICCI India. He has also received several other awards related to development of new technologies. Dr. Mondal is presently teaching entrepreneurship at IIT Kharagpur as Assistant Professor and mentoring aspiring entrepreneurs.

Education

- **PhD** (Financial Economics) Industrial & Systems Engineering department, IIT Kharagpur (2012)
 - **Post graduation (MBA in Finance)** Vinod Gupta School of Management, IIT Kharagpur (1995)
 - **Post graduation (M.Tech – Biotechnology)** IIT Kharagpur (1989)
 - **Graduation (B.Tech – Hons.)** Chemical Engineering department, IIT Kharagpur (1985)
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Present Initiatives for Technology Development

- Magnetic Levitation Based Transportation System
 - Development of process technology for converting various wastes into construction materials
 - Portable Low-energy Solar Air-Conditioner
 - Designing a thermo-forming machine for making Pluri Tubular Bags used as positive plate of Lead acid storage battery.
 - Development of cotton lap/cellulose pad substitute from jute
 - Design and prototype solar-driven paddy harvester
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Professional Experience

2014 – **Assistant Professor, Rajendra Mishra School of Engineering Entrepreneurship, IIT Kharagpur**

Teaching Undergraduates, Post-Graduates and Ph. D. Scholars
Mentoring start-up ventures

2010 – 2014 **Consultant, Materials Science Center, IIT Kharagpur**

Product development and technology transfer

2008 – 2010 **Consultant, Rural Development Center, IIT Kharagpur**

Social innovation: Developing technologies for rural artisans

2003 – 2008 **Senior Administrative Officer – Project and Fin. Management, IIT Kharagpur**

Management of R&D projects and related finances,
Management of IPR

1987 – 2003 **Senior Manager – Allahabad Bank**

Project appraisal and review
Credit monitoring
Credit rating
Fund management
Investment management

1985 – 1986 **Junior Manager, Steel Authority of India Ltd.**