

## **Curriculum Vitae**

**Suprakash Mondal** *M.E. (Mech.), M.I.S.T.E., A.M.I.E.*

Assistant Professor

Department of Mechanical Engineering

Mallabhum Institute of Technology

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**Career Objective:** Intend to build a career with leading institutes of hi-tech environment with committed & dedicated people, through constant learning, which will help me to explore myself and realize my potential. Willing to work as a key player in challenging & creative environment.

❖ **Professional Qualifications:-**

- Pursuing Doctorate of Philosophy in Production Engineering from Jadavpur University (Expecting to submit thesis in September 2013).
- Master of Engineering in Mechanical Engineering (Specialization in Production Engineering) in 2008 from Bengal Engineering and Science University, Shibpur with 70.07%
- Bachelor of Technology in Production Engineering in 2006, from Mallabhum Institute of Technology, under West Bengal University of Technology with a D.G.P.A. of 8.09

❖ **Educational Qualifications:-**

- Higher Secondary Examination in 2002 from West Bengal Council of Higher Secondary Examination
- Madhyamik Examination in 1999 with 1<sup>st</sup> division from West Bengal Board of Secondary Examination

❖ **Research Interest:-**

- Operational research, decision theory and optimization technique and Data Envelopment Analysis.

❖ **Working Experience:-**

- Working as an Assistant Professor of Mechanical Engineering Department at Mallabhum Institute of Technology, Bishnupur, approved by A.I.C.T.E. and affiliated to West Bengal University of Technology, since 14.03.2008

- Guest Lecturer, Department of Chemical Engineering of University College of Science and Technology from August 2010 to December 2011.

#### ❖ Key Teaching Responsibilities:-

- Taught theoretical papers on Engineering Mechanics, Engineering Thermodynamics and fluid mechanics, Manufacturing Technology, Metal Cutting Principles and Machining Technology, Production Management and Workshop Practice Theory
- Guided final year under graduate students for their project work.
- Taught laboratory paper on Workshop Practice II, Manufacturing Technology Laboratory, Workshop Practice Laboratory, and AutoCAD Laboratory.
- In-charge of Workshop Practice II and Manufacturing Laboratory of Mallabhum Institute of Technology

#### ❖ Administrative / Extra-Curricular Responsibilities:-

- Guided and mentored a group of 20 students for the betterment of their overall improvement including education and extracurricular activities at Mallabhum Institute of Technology.
- Vice President of Mallabhum Institute of Technology Alumni Association (MITAA).
- Departmental Strategic planning, load distribution, final year project work planning, BOS and NBA (coordination).
- Budget preparation for Production and Mechanical Engineering Department.
- Installation and commissioning of new equipment of Production and Mechanical Engineering Department.
- Laboratory status and up gradation and proposal for additional laboratory equipment with space requirement for Production and Mechanical Engineering Department.
- Second spokes man for workshop of Mallabhum Institute of Technology
- Laboratory In-charge of Workshop Practice II and Manufacturing Technology Laboratory

#### ❖ Post Graduate Thesis:-

- **Title of the thesis:** - "Preparation of metal toughened ceramic tool material".
- **Brief description:** - Preparation of Ceramic cutting tool material is a major research area in manufacturing environment my thesis work is aimed to develop metal toughened alumina composite which will be used as a cutting tool material, primarily by addition of silver, then micro structural characterization and property measurement of the developed composite.

### ❖ International Journal Publications:-

- “A solution to robot selection problems using data envelopment analysis”, Suprakash Mondal and Shankar Chakraborty, *International Journal of Industrial Engineering Computations*, 4( 3 ), 355-372 , 2013

### ❖ National Journal Publications:-

- “Selection of Flexible manufacturing systems using Data Envelopment Analysis”, Mondal Suprakash. and Chakraborty S., *The Institute of Engineers Journal (Production)*, Vol 91, March 2011, pp 31-39

### ❖ International Conference Publications:-

- “VIKORRUG an Improved Compromise Ranking Tool for Decision Making in Manufacturing Environment”, Prasenjit Chatterjee, Suprakash Mondal and Md. Mirazul Islam, *Proc. of International Congress on Productivity, Quality, Reliability, Optimization and Modelling (ICPQROM 2011)*, 7-8 February 2011, held at Indian Statistical Institute, New Delhi.
- “Decision Making in Product Assembly Sequence Design: An Integrated Range of Value Method Approach”, Prasenjit Chatterjee, Suprakash Mondal and Sourav Bandopadhyaya, paper published in the proceedings of *International Conference on operation and Management Science 2011 (ICOMS 2011) held at the IMT, Nagpur, during 28<sup>th</sup> -29<sup>th</sup> January, 2011*
- “Flexible manufacturing system selection using Data Envelopment Analysis”, Mondal Suprakash, Chakraborty Shankar, *International Conference on Advances in Mechanical Engineering, January 4-6, 2010, S.V. National Institute of Technology, Surat, Gujarat, India*
- “Multi-criteria equipment selection using Grey Relational Analysis and MOORA Method”, Chatterjee Prasenjit, Mondal Suprakash, Kunar Sandip, Rai Sima, published in the *Proceedings of the International Conference on Operations and Management Sciences (ICOMS), to be held at Institute of Management Technology, Nagpur, during 12-13<sup>th</sup> February, 2010*

### ❖ National Conference Publications:-

- Equipment Selection using Data Envelopment Analysis, Suprakash Mondal, Vijay M. Athawale, Shankar Chakraborty, *Proceedings of National Conference on Industrial Engineering (NCIE 2011), held at West Bengal University of Technology , Salt lake, during 17-18 February 2011.*

❖ Member as International Expert / Editorial Board of International Journals:-

- Editor Review Committee of International Journal of Scientific and Engineering Research
- Scientific Committee and Editorial Review Board member of World Academy of Science, Engineering and Technology
- Editorial Board member of Open Research Journal of Engineering and Technology
- Editorial Board member of Open Research Journal of Engineering and Computer Innovations
- Editorial Board member of Research Open Journal of Mechanical Engineering
- Editorial Board member of Open Research Journal of Industrial & Production Engineering
- Editorial Board member of World Open Journal of Advanced Mechanical Engineering

❖ Refresher course Attended:-

- Participated in the UGC sponsored refresher course in the subject of “soft computing application in decision technology” from 28-06-2010 to 17-07-2010, Organized by Production Engineering Department, Jadavpur University

❖ Workshops Attended:-

- Participated in one day national workshop on ‘Nanotechnology’ on 12th March, 2010, Organized by Production Engineering Department, Jadavpur University, under Centre of Advanced Study (CAS, Phase - III) Programme, University Grants Commission, New Delhi
- Participated in one day CSIR sponsored National workshop on “Recent Trends on Mathematics in Interdisciplinary Research” on 31<sup>st</sup> January 2012, Organized by Department of Basic Science, MCKV Institute of Engineering in collaboration with Central Glass & Ceramic Research Institute (CSIR)
- Participated in two days National workshop on “CFD and its application in Bio fluid dynamics ” on 4<sup>th</sup> to 6<sup>th</sup> February 2012, Organized by Department of Mechanical Engineering , College of Engineering and Management, Kolaghat, W.B.
- Participated in two days NPTEL workshop for “Teachers of Engineering Colleges” on 19<sup>th</sup> to 20<sup>th</sup> April 2012, Organized by Center for Educational Technology, IIT Kharagpur.

❖ Professional Membership:-

- Life member of The Indian Society for Technical Education (**LM 68913**)
- Associate Member of Institute of Engineers (India). Membership No: **AM100182-8**
- Member of International Society on Multiple Criteria Decision Making.
- Member of International Association of Engineers, Hong Kong.  
Membership Number- **122850**

- Member of International Association of Computer Science and Information Technology (IACSIT). Membership Number- 80345869
- Member of Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES), Hong Kong. Member number-**200981**
- Member of SCience and Engineering Institute (SCIEI), Membership number- 20130624005

.Computer Skills:-

Operating System Known : Windows family

Software Known : AutoCAD, MS-Office, LINDO, LINGO.

❖ Personal profile:-

Father's Name : Sri Gour Chandra Mondal

Date of Birth : 28<sup>th</sup> April, 1984

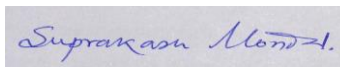
Permanent Address : Link Road, Rabindrapally, Arambagh, 712601,  
Hooghly, west Bengal, India

**Declaration:**

The above statements are true to the best of my knowledge and belief

Date : 02-07-2013

Place : Kolkata, India



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(Suprakash Mondal)