

Prasenjit Chatterjee

M. Prod. Engg., M.I.S.T.E., A.M.I.S.S.M.O., Member (SCIEI, ORSI, IACSIT, IAENG, AIRCC, UACEE, IAEST)

Assistant Professor

Department of Mechanical Engineering

MCKV Institute of Engineering

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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 2012).
- Master of Production Engineering (Specialization in Production Management) from Jadavpur University in 2009 with 78.71%.
- Bachelor of Technology in Production Engineering in 2007, from Mallabhum Institute of Technology, under West Bengal University of Technology with a D.G.P.A. of 8.69.
- Diploma in Mechanical Engineering in 2003, from Sree Ramkrishna Shilpa Vidyapith, (Govt. Polytechnic), with 74.7% marks.

❖ Educational Qualifications:-

- Higher Secondary Examination in 1999 with from West Bengal Council of Higher Secondary Examination.
- Madhyamik Examination in 1997 with 1st division star marks from West Bengal Board of Secondary Education.

❖ Research Interest:-

- Operations Research, Industrial Management, Decision Sciences, Multi-Criteria Decision Making, Decision Support Systems, Multi-Objective Decision-Making, Data Envelopment

Analysis, Production Management, Inventory Management, Supply-Chain Management, Demand Forecasting, Regression Analysis, Statistical Modelling, Soft Computing.

❖ Professional Experience and Career Graph:-

Total Experience: 3.8 Years

Sl. No.	Designation	Name of the Institute	From	To
1	Assistant Professor	MCKV Institute of Engineering	July, 2010	Continuing
2	Guest Lecturer	Calcutta University	August, 2010	Continuing
3	Paper Setter and Evaluator	Calcutta University	August, 2010	Continuing
4	External Paper Setter and Evaluator	Ramakrishna Mission Vidyamandira, Belur Math	November, 2010	Continuing
5	Paper Setter	West Bengal State Council of Technical Education (W.B.S.C.T.E.)	October, 2011	Continuing
6	Lecturer	Mallabhum Institute of Technology	January, 2009	July, 2010

❖ Key Teaching Responsibilities:-

- Taught under graduate courses on Operations Research and Industrial Management, Production Management, Engineering Mechanics, Dynamics of Machines, Workshop Practice Theory, Manufacturing Process, Total Quality Management.
- Workshop Co-ordinator at MCKV Institute of Engineering
- In-Charge to set up Industrial Engineering Laboratory at MCKV Institute of Engineering and Mallabhum Institute of Technology.
- Worked as In-Charge of Manufacturing Process Laboratory at Mallabhum Institute of Technology.
- Worked as In-Charge of Industrial Engineering Laboratory at Mallabhum Institute of Technology.
- Guiding final year under graduate students for project work.

❖ Administrative / Extra-Curricular Responsibilities:-

- Editorial Board Member of 44 International Journals.
- Reviewer of 23 International Journals.
- Paper Setter and Evaluator of Mechanical Engineering- I and II papers of 1st and 3rd semester B.Tech courses in Chemical Engineering at the Department of Chemical Engineering, Calcutta University.

- Member, Programme and Review Committee of 25 international conferences.
- Member of Two International Research Associations
- Member, Academic Audit Cell, MCKVIE
- Member, TEQIP-II Academic Committee, MCKVIE
- Chairman, Publication Committee, MCKVIE
- Nominated Departmental Member for I.S.O. and N.B.A. Accreditation Process, MCKVIE
- Member, Departmental Academic Committee (DAC), MCKVIE
- 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

❖ International Journal Publications:-

1. “Flexible manufacturing system selection using Preferential ranking method: A comparative study”, **Communicated.**
2. “Advanced Manufacturing Systems Selection using ORESTE method”. **Communicated.**
3. “Materials Selection Using COPRAS and COPRAS-G Methods”, Prasenjit Chatterjee, Shankar Chakraborty, **Accepted Paper**, Special Issue of the *International Journal of Materials and Structural Integrity (IJMSI)* on **Materials Selection**, 2012, **INDERSCIENCE.**
4. “Supplier Evaluation in Manufacturing Environment using Compromise Ranking Method with Grey Interval Numbers”, Prasenjit Chatterjee, Rupsa Chatterjee, *International Journal of Industrial Engineering Computations*, Volume 3 (3), pp. 393-402. 2012
5. “Cutting Tool Material Selection using Grey Complex Proportional Assessment Method”, Saikat Ranjan Maity, Prasenjit Chatterjee, Shankar Chakraborty, *Materials and Design*, Volume 36, pp. 372–378, 2012. **Impact Factor- 2.20. ELSEVIER.**
6. “Material Selection using Preferential Ranking Methods”, Prasenjit Chatterjee, Shankar Chakraborty, *Materials and Design*, Volume 35, pp. 384–393, 2012. **Impact Factor- 2.20. ELSEVIER.**
7. “Selection of Industrial Robots using Compromise Ranking Method”, Vijay Manikrao Athawale, Prasenjit Chatterjee, Shankar Chakraborty, *International Journal of Industrial and Systems Engineering*, Vol. 11, No.1/2 pp. 3 - 15, 2012. **INDERSCIENCE.**

8. "Decision Making for Facility Location Selection using PROMETHEE II Method", Vijay Manikrao Athawale, Prasenjit Chatterjee, Shankar Chakraborty *International Journal of Industrial and Systems Engineering*, Vol. 11, No.1/2 pp. 16-30, 2012. **INDERSCIENCE**
9. "Supplier Selection Using Compromise Ranking and Outranking Methods", Prasenjit Chatterjee, Poulomi Mukherjee, Shankar Chakraborty, *Journal of Industrial Engineering International*, Vol.7(14), pp. 61-73, 2011.
10. "Materials Selection using Complex Proportional Assessment and Evaluation of Mixed Data Methods", Prasenjit Chatterjee, V.M Athawale, and Shankar Chakraborty, *Materials and Design*, Volume 32 (2), pp. 851-860, 2010. **Impact Factor- 2.20. ELSEVIER.**
11. "Selection of Flexible Manufacturing Systems Using Complex Proportional Assessment Method", Prasenjit Chatterjee, Shankar Chakraborty, *International Journal of Advanced Manufacturing Systems*, Volume 1 (2), pp.183-190, July-December 2010.
12. "Selection of Industrial Robots using Compromise Ranking and Outranking Methods", Prasenjit Chatterjee, V.M Athawale, and Shankar Chakraborty, *Robotics and Computer Integrated Manufacturing*, Volume 26 (5), pp. 483-489, 2010. **Impact Factor- 1.173. ELSEVIER.**
13. "Selection of Facility Layouts using ELECTRE II Method", Prasenjit Chatterjee, Vijay Manikrao Athawale and Shankar Chakraborty, *International Journal of Advanced Manufacturing Systems*, Volume 1 (1), pp. 41-53, January-June 2010.
14. "Supplier Selection Using PROMETHEE II Method", Vijay Manikrao Athawale, Prasenjit Chatterjee, Shankar Chakraborty, *International Journal of Manufacturing Technology and Industrial Engineering*, Volume 1(1), pp. 95-102, June 2010.
15. "Selection of Materials using Compromise Ranking and Outranking Methods", Prasenjit Chatterjee, V.M Athawale, and Shankar Chakraborty, *Materials and Design*, Volume 30 (10), pp. 4043-4053, 2009. **Impact Factor- 2.20. ELSEVIER.**

❖ National Journal Publications:-

1. "Materials Selection using Multi-Criteria Decision-Making (MCDM) Methods", V.M Athawale, Prasenjit Chatterjee, and Shankar Chakraborty, *Manufacturing Technology Today, Published by Central Manufacturing Technology Institute (CMTI), Bangalore*, Volume 8 (11), pp. 9-18, 2009.

❖ Analysis of Research Impact :- (According to Harzing's Publish or Perish,)

Total Citations : 66	Cites/paper : 6.60	Hirsh-index : 3
Cites/year : 16.50	g-index : 8	hc-index : 4

❖ Editor-in-Chief of International Journals:-

1. International Journal of Decision Making in Manufacturing (IJDMM), published by Global Research Publications, India

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

1. Advances in Production Engineering and Management (APEM), Published by Production Engineering Institute, University of Maribor
2. International Journal of Production and Operations Management Research and Development (IJPOMRD)
3. International Journal of Computer Science and Artificial Intelligence (IJCSAI)
4. Journal of Mechanical and Production Engineering (JMPE)
5. ISST Journal of Mathematics & Computing System (IJMCS)
6. International Journal of Soft Computing and Engineering (IJSCE)
7. Journal of Mechanical Engineering (JME)
8. Mathematical Theory and Modelling (MTM)
9. International Journal of Industrial Engineering & Technology (IJIET)
10. International Journal of Engineering and Advanced Technology (IJEAT), India
11. Journal of Industrial Engineering and Research (JIER)
12. Industrial Engineering Letters (IEL)
13. Advances in Physics Theories and Applications (APTA)
14. International Journal of Latest Trends in Finance and Economic Sciences (IJLTFES), London, UK
15. International Journal of Mechanical Engineering and Development (IJMED)
16. Asian Transactions on Engineering (ATE)
17. Asian Transactions on Science & Technology (ATST)
18. Asian Transactions on Basic & Applied Sciences (ATBAS)
19. Asian Transactions on Computers (ATC)
20. International Journal of Latest Trends in Finance and Economic Sciences (IJLTFES), U.K.

21. International Journal of Electronics Communication and Computer Technology (IJECCT)
22. International Journal of Accounting and Financial Issues (IJAFI)
23. International Journal of Computer Science and Engineering Research (IJCSER)
24. International Journal of Mechanic Systems Engineering (IJMSE)
25. International Journal of Electronics Communication and Computer Engineering (IJECCE)
26. International Journal of Artificial Intelligence and Mechatronics (IJAIM)
27. International Journal of Technological Exploration and Learning (IJTEL)
28. International Journal of Engineering Innovations and Research (IJEIR)
29. Interested to join International Journal of Electronics and Computer Science Engineering (IJECSE)
30. International Journal of Innovative Technology and Exploring Engineering (IJITEE)
31. International Journal of Electronics Communication and Microelectronics Designing (IJECMD)
32. Civil and Environmental Research (CER)
33. International Journal on Computational Science & Applications (IJCSA)
34. International Journal of Scientific & Engineering Research (IJSER)
35. Network and Complex Systems (NCS)
36. International Journal of Computing and Corporate Research (IJCCR)
37. International Journal of Recent Technology and Engineering (IJRTE)
38. Control Theory and Informatics (CTI)
39. International Journal of Information Technology & Computer Science (IJITCS)
40. Research Volunteer of International Journal of Advances in Engineering and Technology (IJAET)
41. International Journal of Engineering and Innovative Technology (IJEIT), Florida,
42. International Journal of Engineering Trends and Technology (IJETT)
43. International Journal of Research and Reviews in Soft and Intelligent Computing (IJRRSIC)
44. International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)

❖ Reviewer of Research Papers in International Journals:-

1. International Journal of Production Research (IJPR), **Taylor and Francis**
2. Robotics and Computer Integrated Manufacturing (RCIM), **Elsevier**
3. American Journal of Operational Research (AJOR), USA
4. International Journal of Materials Engineering (IJME), USA
5. Global Journal of Computer Science and Technology (GJCST), USA
6. International Journal of the Academy of Organizational Behavior management (IAOBM)
7. International Journal of Trade, Economics and Finance (IJTEF), Singapore
8. International Journal of Artificial Intelligence and Expert Systems (IJAE), Malaysia
9. International Journal of Soft Computing and Engineering (IJSCE)
10. International Journal of Computer & Organization Trends (IJCOT)
11. International Journal of Scientific and Statistical Computing (IJSSC)
12. International Journal of Computational Engineering and Management (IJCEM)
13. International Journal of Engineering (IJE), Malaysia
14. International Journal for Science and Emerging Technologies with Latest Trends.
(IJSETT)
15. International Journal of Latest Trends in Computing (IJLTC)
16. International Journal of Computer Trends and Technology (IJCTT)
17. International Journal of Engineering Science and Technology (IJEST)
18. Intelligent Decision Technologies: an International Journal (IDT)
19. International Journal of Engineering Trends and Technology (IJETT)
20. International Journal of Management Science and Engineering Management
(IJMSEM), World Academic Press, World Academic Union, England, UK
21. International Journal of Computer Technology and Applications (IJCTA)
22. International Journal of Mechanical and Industrial Engineering (IJMIE)
23. Opinion: A bi annual International Journal of Business Management from CPMR

❖ Member of Programme Committee of International Conferences:-

1. Member of Young Researchers Committee of the World Federation on Soft Computing (WFSC), Co-chaired by **Prof. L. A. Zadeh.**
2. Advisory Board Member of World Academy of Research in Science and Engineering (WARSE)

3. Scientific Committee & Editorial Review Board on Engineering and Physical Sciences of World Academy of Science, Engineering and Technology (WASET)
4. 12th European Conference on Research Methodology for Business and Management Studies (ECRM 2013), 4th-5th July, 2013, Minho, Portugal.
5. 2nd International Conference on Human Computer Interaction & Learning Technologies (ICHCILT 2012), 1st-2nd December, 2012, Abu Dhabi, United Arab Emirates.
6. 2nd International Conference on Information Technology, System and Management, (ICITSM '2012), 28^h-29th November, 2012, Dubai, United Arab Emirates
7. 2nd International Conference on Internet & Cloud Computing Technology (ICICCT 2012), 10th-11th November, 2012, Singapore.
8. 2nd International Conference on Advanced in Computing and Emerging E-Learning Technologies (ICAC2ET 2012), 8th-9th November, 2012, Singapore.
9. 2nd International Conference of Advance Information System, E-Education & Development (ICAISED 2012), 5th -6th November, 2012, Kuala Lumpur, Malaysia
10. World Congress on E-Commerce and Business on the Web (WCEBW12), 27th-29th August, 2012, United Kingdom.
11. International Conference on Mechanical and Industrial Engineering (ICMIE), 19th August, 2012, Goa, India.
12. International Conference on Mechanical and Industrial Engineering (ICMIE), 4th August, 2012, Singapore.
13. International Conference on Mechanical and Industrial Engineering (ICMIE), 15th July, 2012, Pune, India.
14. International Conference on Electronics and Communication Engineering (ICECE), July 15th, 2012, Pune, India.
15. International workshop on Signal Image Processing and Multimedia (SIPM-2012), 14th-15th July 2012, organized by Academy & Industry Research Collaboration Center (AIRCC), Chennai, India.
16. International Conference of Advanced Computer Science & Information Technology (ACSIT-2012), 14th-15th July 2012, organized by Academy & Industry Research Collaboration Center (AIRCC), Chennai, India.

17. 13th WSEAS International Conference on Fuzzy Systems (FS '12), June 13th-15th, 2012, G. Enescu University, Iasi, Romania.
18. Conference Reviewer Committee Member of 11th European Conference on Research Methodology for Business and Management Studies (ECRM 2012), 28th-29th June 2012, University of Bolton, UK.
19. Member of Reviewer Committee of International Conference on Informatics & Applications (ICIA12), June 3rd-5th, 2012, Malaysia.
20. International Conference on Mechanical and Industrial Engineering (ICMIE), 8th April, 2012, Goa, India.
21. The IAENG International Conference on Operations Research (ICOR'12), 14th-16th March, 2012, Hong Kong.
22. Member of the Reviewer Board of the IAENG International Conference on Industrial Engineering (ICINDE'12), 14th-16th March, 2012, Hong Kong.
23. International Conference on Mechanical and Industrial Engineering (ICMIE), Aurangabad, 31st January, 2012, Delhi, India.
24. International Conference on Mechanical and Industrial Engineering (ICMIE), Organized by I.I.M.T., Bhubaneswar, 15th January, 2012, Guahati, India.
25. International Conference on Mechanical and Industrial Engineering (ICMIE), Organized by I.I.M.T., Bhubaneswar, 23rd December, 2011, Chennai, India.
26. International Conference on Mechanical and Industrial Engineering (ICMIE 2011), Organized by I.I.M.T., Bhubaneswar, 20th November, 2011, Bangalore, India.
27. International Conference on Mechanical and Industrial Engineering (ICMIE), Organized by I.I.M.T. Bhubaneswar, 7th November 2011, Delhi, India.

❖ International Conference Publications:-

1. “VIKORRUG an Improved Compromise Ranking Tool for Decision Making in Manufacturing Environment”, Prasenjit Chatterjee, Suprakash Mondal, 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.
2. “Decision Making in Product Assembly Sequence Design: An Integrated Range of Value Method Approach”, Prasenjit Chatterjee, Suprakash Mondal, Sourav Bandopadhyaya, *Proc. of International Conference on Operations and Management*

Sciences 2011 (ICOMS11), held at the IMT, Nagpur, during 28th-29th January, 2011.

3. “Selection of Automated Inspection Device Using EVAMIX Method”, Prasenjit Chatterjee, Shankar Chakraborty, *Proc. of 3rd International and 24th All India Manufacturing Technology, Design and Research (AIMTDR), Conference, December 13th-15th, 2010 at Andhra University, Chennai, India.*
4. “Selection of Flexible Manufacturing System using Complex Proportional Assessment Method:”, Prasenjit Chatterjee, Shankar Chakraborty, *Proceedings of the International Conference on Advances in Mechanical Engineering (ICAME), SVNIT, Surat, September 23-25, 2010, pp- 449-453.*
5. “Selection of Materials Using Multiplicative PROMETHEE Method”, Prasenjit Chatterjee, Sandip Kumar, *Proceedings of the International Conference on Operations and Management Sciences (ICOMS)*, held at Institute of Management Technology, Nagpur, 12-13th February, 2010, pp. 172-178.
6. “Multi-criteria equipment selection using Grey Relational Analysis and MOORA Method”, Prasenjit Chatterjee, Suprakash Mandol, Sandip Kumar, Sima Rai, *Proceedings of the International Conference on Operations and Management Sciences (ICOMS)*, held at Institute of Management Technology, Nagpur, 12-13th February, 2010, pp. 179-185.
7. “Selection of Industrial Robots using Compromise Ranking Method”, V.M Athawale, Prasenjit Chatterjee, and Shankar Chakraborty, *Proceedings of the 2010 International Conference on Industrial Engineering and Operations Management (ICIEOM)*, Dhaka, Bangladesh, 9 – 10th January.
8. “Selection of Facility Layouts using ELECTRE II Method”, Prasenjit Chatterjee, Shankar Chakraborty., *Proceedings of the International Conference on Advances in Mechanical Engineering (ICAME), 2009, at SVNIT, Surat, 3-5th August, pp. 1014-1018.*
9. “Supplier Selection using PROMETHEE Method”, V.M Athawale, Prasenjit Chatterjee, and Shankar Chakraborty, *Proceedings of the International Conference on Advances in Mechanical Engineering (ICAME), 2009, held at SVNIT, Surat, 3-5th August 2009, pp. 1009-1013.*

❖ National Conference Publications:-

1. “Selection of automated inspection device using Compromise Ranking Method”, Prasenjit Chatterjee, Sandip Kumar, *Proceedings of National Conference on Recent Advances in Manufacturing Technology and Management (RAMTM-2010)*, held at the Department of Production Engineering, Jadavpur University, 19-20th February, 2010, pp. 320-323.

❖ Membership of Professional Bodies:-

1. Life Member of Indian Society for Technical Education (ISTE). Life Membership Number- LM 68916.
2. Associate Member of the International Society for Structural and Multidisciplinary Optimization (ISSMO), Denmark. Member Code- 1823.
3. Member of Operational Research Society of India (ORSI). Membership Number- 1934/P/10/MO.
4. Member of International Association of Engineers, Hong Kong. Membership Number- 113567.
5. Senior Member of International Association of Computer Science and Information Technology (IACSIT), Singapore. Membership Number- 80343578.
6. Senior Member of Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEES), Hong Kong. Member NO.: 100610.
7. Senior Member, Science and Engineering Institute (SCIEI), Hong Kong. Membership Number- 009120111219002.
8. Senior Member, International Association of Engineers and Scientists (IAEST). Membership Number- 011084267.
9. Member of International Association of Hydrological Sciences (IAHS), Membership Number: 12061.
10. Member of Universal Association of Computer and Electronics Engineers (UACEE), India. Membership ID- A7800735.
11. Member of International Association for Bridge Maintenance and Safety (IABMAS). Membership Number: IMC50
12. Member of International Society of Management Engineers
13. Member of International Society for Environmental Information Sciences (ISEIS)

14. Member of International Society on Multiple Criteria Decision Making
15. Member of Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST), Belgium.
16. Member of Engineering and Scientific Research for Innovation Association (ESRIInnov), France.
17. Member of European Alliance of Innovation (EAI).
18. Member of Computer Science Teachers Association (CSTA).
19. Member of IAENG Society of Industrial Engineering.
20. Member of EURO Working Group Multicriteria Decision Aiding (EWG-MCDA).
21. Member of IAENG Society of Mechanical Engineering.
22. Member of IAENG Society of Operations Research.

❖ Workshops Attended:-

1. Participated in one-day workshop on “Advancement in Welding Technology”, jointly organized by Indian Institute of Welding and Department of Metallurgical and Materials Engineering, Jadavpur University, held at Gandhi Bhaban, Jadavpur University Campus, on 25th February, 2012
2. Participated in National Workshop on “Recent Trends of Mathematics in Interdisciplinary Research”, in collaboration with Central Glass & Ceramic Research Institute (Council of Scientific & Industrial Research), 31st January, 2012, held at MCKV Institute of Engineering
3. Participated in 4th SERC School on "MICRO Fabrication and Micro machining Processes", at the Department of Production Engineering, Jadavpur University, during 5th-10th April, 2010, sponsored by DST, New Delhi.
4. Participated in two days national workshop on ‘Micro Machining and Nano Fabrication’, organized by Department of Production Engineering, Jadavpur University.
5. Participated in One day national workshop on ‘Nanotechnology’ on 12th March, 2010, Organized by Production Engineering Department, Jadavpur University, Sponsored by Centre of Advanced Study (CAS, Phase - III) Programme, University Grants Commission, New Delhi.

❖ Achievements:-

1. Awarded **University Gold Medal** for securing 1st Rank in Production Engineering Examinations of West Bengal University of Technology, 2007.
2. Secured **2nd position** in Production Engineering Examinations of Jadavpur University, 2009.

❖ Computer Skills:-

1. 3 months certificate course on AUTO CAD from Jadavpur University Cad Centre.
2. 6 months Advanced Certificate in P.C. Applications from NIIT.

❖ Personal Dossier:-

Father's Name	: Sri Dipak Kumar Chatterjee
Date of Birth	: 18 th May, 1982
Permanent Address	: Village & P.O. - Karidhya (Pathsalpara) Dist- Birbhum, P.S. – Suri, Pin Code-731126 West Bengal, India
Passport Details	: Valid till 06.04.2016