

**Gupta A.**

**Ashutosh Gupta**

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**Areas Of Interest**

- Manufacturing Systems, FMS, CMS, RMS
- Modelling and Simulation, Operations Management,
- Industrial Engineering , Planning and Optimization techniques

**Honors and Award**

- Awarded as **Best Faculty** in **Year 2009** and honored by the Chairman Board of Governor, the then **Honorable Chief Minister of Uttarakhand.**

**Professional background**

<b>From</b>	<b>To</b>	<b>Designation</b>	<b>Organisation</b>
2009	On Going	Associate Professor	G.B Pant Engineering College, Pauri
2005	2009	Assistant professor	G.B Pant Engineering College, Pauri
2004	2005	Assistant Professor(Selection grade)	Anand Engineering College Agra
1999	2005	Assistant Professor	Anand Engineering College, Agra
1994	1999	Senior Engineer (Production)	CIMMCO Birla Limited, Bharatpur

## Educational Details

Degree	Subject	University	Year
B.Sc. Engg.	Mech. Engg.	D. E. I Dayalbagh Agra	1994
PGDIM	Finance Management	IGNOU, New Delhi	2000
M.Tech.	Engineering System	D. E. I Dayalbagh Agra	2002
Ph..D.(On going)	Industrial Engg.	IIT, Roorkee	2014

## Administrative background

From	To	Designation	Organisation
2003	2005	Dy. Centre Superintendent (Exam)	Anand Engineering College Agra
2006	2009	Chief Warden	Neelkanth boys Hostel, GBPEC Pauri
2009	2010	Chief Warden	Visvaisariya Girls Hostel, GBPEC Pauri
2009	2010	Registrar	G.B. Pant Engineering College Pauri
2009	2010	Public Information Officer	G.B. Pant Engineering College Pauri
2005	2010	OiC Stores	G.B. Pant Engineering College Pauri
2005	2009	OiC College Time table	G.B. Pant Engineering College Pauri
2008	2010	OiC Civil Maintenance & water supply	G.B. Pant Engineering College Pauri

## Memberships

- Fellow member DAAAM International, Vienna, Austria
- Fellow member International Society on Agile Manufacturing , Virginia, USA

## Book Chapter

- Gupta, A., Jain, P.K. and **Kumar, D.** Availability Modelling of Reconfigurable Manufacturing System, DAAAM International Scientific Book 2012, Chapter 21, 241-254. Published by DAAAM International, Vienna, Austria , ISBN 978-3- 901509-86-5.

## Referred Journal Papers

- Gupta, A., Jain, P.K. and Kumar, D., (2012)A Novel Methodology for Part Family Formation for Reconfigurable Manufacturing System. OPSEARCH, Springer Verlag. Vol.51, No.1, pp.76-97, (SCI: 0.531) , H Index: 06 ISSN: 00303887.
- Gupta, A., Jain, P.K. and Kumar, D., (2013), A novel approach for part family formation using K means algorithm, Advances in Manufacturing, Springer, Vol. 1 No 3, pp. 241-250, ISSN: 2195-3597, SCOPUS Cited
- Gupta, A., Jain, P.K. and Kumar, D., Configuration Selection of Reconfigurable Manufacturing System Based on Performance, International Journal of Industrial and System Engineering,2013 (SCI:1.21) H Index: 14 ISSN: 17485045.
- Gupta, A., Jain, P.K. and Kumar, D., Part family formation for Reconfigurable Manufacturing System International Journal of Internet Manufacturing and Services,2014, Vol.3, No.3, pp244-262, SCI:0.296 H index: 05 ISSN: 17516056
- Gupta, A., Jain P. K. and Kumar D., A Performance Evaluation Model for Manufacturing System with Reconfigurable Configuration, International Journal of Advanced Manufacturing system 2015, Vol. 15 , No. 2, pp 59-66, ISSN : 2229-5860 SCOPUS cited

## International Conference Papers

- Gupta, A., Jain P. K. and Kumar D., Ranking manufacturing system configuration alternative using AHP with Shannon entropy, International Conference on Agile Manufacturing Systems, ISBN 978-

81-8487-200-2, pp 279-286, Dayalbagh Educational Institute, Agra, India, 2011.

- Gupta, A., Jain, P.K. and Kumar, D., An Approach for Availability Assessment of Reconfigurable Manufacturing System, The 7th International congress on Logistics and SCM systems, June 7-9, 2012, Seoul, South Korea.
- Gupta, A.; Jain, P. K. and Kumar, D., Formation of Part Family in Reconfigurable Manufacturing System using Principle Component Analysis and K-Means Algorithm, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, ISBN 978-3-901509-91-9, ISSN 2304-1382, pp 0887 - 0892, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2012.
- Gupta, A., Jain P. K. and Kumar D., A Performance Evaluation Model for Manufacturing System with Reconfigurable Configuration, International Conference on Agile Manufacturing Systems, ISBN 978-93-5087-8668, pp 448-452, IIT –BHU, Varanasi, India, 2012
- Gupta, A., Jain P. K. and Kumar D., Part Family Formation for Reconfigurable Manufacturing System using K-Means Algorithm, 4th International and 25th All India Manufacturing Technology and Research conference (AIMTDR 2012), ISBN 978-93-8206-2929, pp. 848-853, 14-16 December, Jadavpur University, Kolkatta, India.
- Gupta, A., Bhadauria H.S., Fuzzy Analytical Hierarchy Process for optimal selection of a professional, Proceeding of International conference on Information and Communication Technology (IICT) 2007, pp. 77-78, July 26-28, 2007.
- Bhadauris, N.S., Gupta, A. and Bhadauria H.S., A new fingerprint based signature verification system, Proceeding of International conference on Information and Communication Technology (IICT) 2007, pp. 450-453, July 26-28, 2007.

### **National Conference Papers**

- Gupta, A., Jain P. K. and Kumar D., An approach for System Development suitable for Reconfigurable Manufacturing System, NCRAME 2013, 28-29 June, GBPEC, Pauri, India, 2013.
- Gourav Gupta, Ashutosh Gupta, Bhanu Pratap, A Review on BANANA FIBRE COMPOSITES, NCRAME 2014, 26-27 Sep, GBPEC, Pauri, India, 2014.

### **Course Taught at UG /PG Level**

- Operations research
  - Engineering Thermodynamics.
  - Refrigeration and Air conditioning
  - Total Quality Management
  - Applied Thermodynamics
  - Automobile Engineering
  - Industrial Engineering and Management
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