



CURRICULUM VITAE

Dr. Umesh Khandey
Assistant Professor
Department of Manufacturing Engineering
NIIFFT, Hatia, Ranchi, Jharkhand
Pin-834003, India

E-mail: -umesh.khandey@iitdalumni.com

Phone : +919990923260

Academic Details:

S. No.	Examination	Board/university	Year of passing
1.	Ph.D.	IIT Delhi, New Delhi India	Awarded (2013-2018)
2.	M. Tech	NIT Rourkela, Orissa, India	2009
3.	B.E.	G.G.U., Bilaspur, Chhattisgarh, India	2007

Work Experience:-

S. No.	Organization	Designation	Period
1.	National Institute of Foundry and Forge Technology	Assistant Professor	Jun 2019- continuing
2.	Indian Institute of Foreign Trade, New Delhi, India	Post-doctoral Researcher	Nov. 2018 – Jun 2019
3.	O. P. Jindal Institute of Technology, Raigarh (C.G.) , India	Assistant Professor	July 2012 - Dec. 2012
4.	Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur (C.G.), India	Assistant Professor	Jan 2010 - May 2012.
5.	Chouksey Engineering College, Bilaspur (C.G.), India	Lecturer	July 2009 - Dec. 2009

Research Interest:-

Conventional and non-conventional Machining, Optimization, Production and Operations Management.

List of Publications and Conferences:

Publications in Journals:

1. **U. Khandey** and Sudarsan Ghosh, Krishnaswamy Hariharan, Machining parameters optimization for satisfying the multiple objectives in machining of MMCs, Materials and Manufacturing Processes; 2017, Volume 32, Issue 10, pp. 1082-1093.
2. **U. Khandey** and Sudarsan Ghosh, "Optimization of turning process parameters for Al/SiC-MMC using Response Surface Methodology, ISME Journal of Manufacturing Sciences, 2017, Volume 6, Issue 2; pp. 8-18.
3. **U. Khandey** and Sudarsan Ghosh, Optimization of Process Parameters for Multi- Objective Quality Characteristics in Turning of Al-MMCs, Journal of Material Science and Mechanical Engineering (JMSME), ISSN: 2393-9095; Volume 1, Issue 2; October- December, 2014 pp. 78-83.
4. **U. Khandey**, S. Datta, S. S. Mahapatra and A. Bandyopadhyay, "Optimization of surface roughness, material removal rate and cutting tool flank wear in turning using extended Taguchi method", For International Journal of Manufacturing Technology and Industrial Engineering, Serials Publication. 2010, Volume 1, Issue 1, pp. 85-94.

National and International Conferences:

1. **U. Khandey** and Sudarsan Ghosh, Krishnaswamy Hariharan, Extended abstract accepted and presented the paper entitled "Optimization of Machining Parameters in Turning of MMCs using GA with PCA coupled GRA" in an International Conference KomPlas Tech 2017, the 24th Conference on Computer Methods in Materials, held during 15th Jan 2017 to 18th Jan 2017 at Zakopane, Poland.
2. **U. Khandey** and Sudarsan Ghosh, Machining of Al SiC MMCs and Optimization of Major Turning Process Parameters, International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-9), held at Victor Menezes Convention Centre IIT-Bombay, December 10-12, 2015.
3. **U. Khandey** and Sudarsan Ghosh, Study and Optimization of Process Parameters during Turning of MMCs. "Proceedings of Society of Operations Management 2014, held at Department of Management Studies, IIT Roorkee, December 12-14 (2014) pp.199-204.
4. **U. Khandey**, S. D. Mohanty, S. Datta and S. S. Mahapatra, "Optimization of Multiple Surface Roughness Characteristics of Mild Steel Turned Product using Weighted Principal Component and Taguchi Method", For National Conference on Advances in Mechanical Engineering, AME-09, held on 5th October 2009, organized by Department of Mechanical Engineering, Vidya Vikas Institute of Engineering and Technology, Mysore, Bannur Road, Mysore-570 010
5. **U. Khandey**, S. Datta, S. S. Mahapatra and A. Bandyopadhyay, "Optimization of surface roughness, material removal rate and cutting tool flank wear in turning using extended Taguchi method", Proceedings of International Conference on Advances in Mechanical Engineering (ICAME 2009) pp. 1034-1038, held on August 3-5, 2009, organized by

Department of Mechanical Engineering at Sardar Vallabhbhai National Institute of Technology, Surat-395007, Gujarat.

I hereby declare that the information furnished above is true to the best of my knowledge.

(Dr. Umesh Khandey)