

Name: Anmol Bhatia

Designation: Assistant Professor (Sr. Scale)

Specialization: Production Engineering

Research Interest: Welding Technology, Advance Manufacturing Processes, Operations Management

Email:anmolbhatia@ncuindia.edu

Qualifications:

- PhD (Pursing from Delhi Technological University, Delhi)
- M.Tech.(Manufacturing Technology & Automation) MDU, Rohtak
- B.Tech.(Mechanical Engineering) MDU, Rohtak

Professional Experience (In descending order)

Duration	Designation	Nature of work
04 th August, 2016 to till date.	Assistant Professor (Sr.Scale), The NorthCap University, Gurgaon	Academic, Research and Administration
02 nd Jan, 2014 to 03 rd August, 2016.	Assistant Professor, The NorthCap University, Gurgaon	Academic, Research and Administration
24 th Aug, 2012 to 30 th December, 2013.	Assistant Professor, Echelon Institute of Technology, Faridabad	Academic, Research and Administration

List of Publications in International Journals (SCI/SCIE/SCOPUS):

[1] Vibhor Kakkar, Vijay Singh Dalal & **Anmol Bhatia**, *Risk Management and Assessment by Failure Mode and Effect Analysis of Vertical Balancing Machines*, International Journal of Applied Engineering Research, Vol. 10, Issue 78, p.p.174-181. (Scopus Indexed)

[2] Vibhor Kakkar, Vijay Singh Dalal & **Anmol Bhatia**, *The Bullwhip Effect Phenomenon In Indian Automotive Supply Chains*, International Journal of Applied Engineering Research, Vol. 10, Issue 78, p.p. 194-198. (Scopus Indexed)

[3] **Anmol Bhatia** , Sanjay Kumar & Parveen Kumar“ *A Study to achieve minimum surface roughness in WEDM*” **Procedia Engineering journal of Science direct, Elsevier** vol 5 , pp 2560-2566.(Scopus Indexed)

List of Publications in Peer Reviewed International/National Journals:

[1] Akansha Bhatia, Jyoti Rani, Rohit Singh Lather and **Anmol Bhatia**, Development of Lab scale Pyrolysis setup to convert waste plastic into oil, *International Journal of Advanced Engineering Research and Applications*, Vol. 2 Issue 8, pp 537-543. (Google Scholar Indexed)

[2] **Anmol Bhatia**, Vishal Sanghwan, Tushar Kaistha, Vismit Varshney and Sumit Dalal Energy harvesting through Footsteps, *International Journal of Advanced Engineering research and Applications*,1(10),405-412.(Google Scholar Indexed)

[3] **Anmol Bhatia**, Deepa Manani, Anubhav Grover, Jatin Kumar, Eshan Gupta,Design of Multi Spindle Drilling Machine, *International Journal of Advanced Research and Innovation*, Vol. 4 Issue 1,pp 420-423.(Google Scholar Indexed)

[4] Vibhor Kakkar, Vijay Singh Dalal, Vineet Choraria, Ashish S. Pareta & **Anmol Bhatia** “*Implementation of 5S Quality tool in Manufacturing Company: A Case Study*”, *International Journal Of Scientific & Technology Research* Volume 4, Issue 02, February 2015,pp. 208-213. (Google Scholar Indexed)

[5] Khushal Khera, **Anmol Bhatia**, Sanjay Kumar & Mehul Bhatia,“*Investigation of the Effects of Various Heat Treatment Processes on Microstructure & Hardness with Respect to Corrosion Behavior for Carbon Steels*”, *International Journal of Engineering and Advanced Technology*, Volume-3 Issue-6, August 2014,pp.72-75. (Google Scholar Indexed)

[6] Khushal Khera, **Anmol Bhatia**, Sanjay Kumar and Shailesh Mahawal,” *Design & Manufacturing of a Simple Catapult*, *International Journal of Current Engineering and Technology* Vol.4, No.6 (Dec 2014) , pp 3810-3813. (Google Scholar Indexed)

[7] Rajeev Kumar, **Anmol Bhatia**, Somnath Chattopadhyaya, Sanjeev Kumar & G.K.Singh”*Multi-objective Optimization of Wire Electric Discharge Machining of EN31 Tool Steel using Orthogonal array with Principal Component Analysis*” *International Journal of Current Engineering and Technology*,Vol.4, April 2014, pp.1027-1033.(Google Scholar Indexed)

List of Publications in International Conferences:

[1] R Kumar, V Kumar and **A Bhatia**, Investigation Of The Effect Of Process Parameters On Cutting Speed In Wire Electric Discharge Machining Of En31 Tool Steel, 6th International Conference on Recent Innovations in Science, engineering and Management at IIMT College of Engineering, Greater Noida, Uttar Pradesh held on 20th August, 2016.

[2] **Anmol Bhatia** and Rajeev Kumar,” Investigation of the Effects of process Parameters on Cutting Speed in Wire Electric Discharge machining of En31 Tool steel, *Proceedings of International Conference on Agile Manufacturing at IIT, BHU, held on 16-19th Dec,2012.*

[3] Rajeev Kumar and **Anmol Bhatia**,”Current Emerging trends in Wire EDM:A Review”, *Proceedings of the Indian Oil sponsored international Conference on Manufacturing Excellence at Amity University Noida ,held on 29-30th March ,2012.*

List of Publications in National Conferences:

[1] Sandeep yadav, Saurabh sharma, Shiv ohri, Saurabh Poddar & **Anmol Bhatia** , "*Current Emerging Trends in Wire EDM: A Review*", Proceedings of National conference on advances in material sciences held at Amritsar college of Engineering, Amritsar on 5th-6th April 2014 pp.42-45.

[2] Khushal Khera and **Anmol Bhatia** ,"*5S Methodology: A powerful tool for improving the organization*", Proceedings of National Conference on Emerging technologies in Mechanical Engineering on 24th-25th January,2014 at Echelon Institute of Technology, Faridabad, pp.26-29.

[3] **Anmol Bhatia**, Sanjay Kumar and Rajeev Kumar,” *Process Parameters Optimization Techniques for Unconventional Machining Processes: a Review*” Proceedings of the National Conference on Excellence in new Technology at IIMT College of Engineering, Greater Noida, on 31st August,2013, pp.175-185.

[4] **Anmol Bhatia** and Monika Gupta, ”*Computer Integrated Manufacturing: A Powerful Tool for Productivity Enhancement*”, Proceedings of the National Conference on Excellence in new Technology at IIMT College of Engineering, Greater Noida, on 31st August,2013, pp.186-191.

[5] **Anmol Bhatia**, Rajeev Kumar and Dharmender,”Investigation of the Effects of process Parameters on Surface Roughness in Wire Electric Discharge machining of En31 Tool steel,

E-Proceedings of the National conference on Technological Advancement in Mechanical Engineering at YMCAUST, Faridabad, held on 19-20th October ,2012

List of Books/ Book Chapters Published:

[1] Industrial Engineering and Operations Management, **KATSON Publishers**, April 2014, ISBN -9789350145401

Conferences/Seminars organized/participated: Organizing Member of International Conference on Mechanical Engineering at NCU, Gurugram.

Details of Short Term/Refresher Courses organized/participated: Organized Short term course on Yellow belt lean six Sigma certification for final year ME students jointly with six sigma institute on Dec 2018

Member of Societies Life Member of Indian Society of Technical Education