



DAYANIDHI KRISHANA PATHAK
Assistant Professor (MAE)

Joined the institute in January 2016

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Education

- PhD (Production Engineering) pursuing, Indian Institute of Technology, Delhi
- M.Tech. Gold Medalist (Production Engineering), Motilal Nehru National Institute of Technology, Allahabad, 2012
- B.Tech. (Mechanical Engineering), UPTU, Lucknow, 2006

Experience

- Assistant Professor in Department of Mechanical Engineering at Institute of Engineering & Technology, GLA University, Mathura (Jul 2012 – Jul 2015).
- Lecturer in Department of Mechanical Engineering at BSA College of Engineering and Technology, Mathura (Aug 2007 – Jul 2010).
- Lecturer in Department of Mechanical Engineering at Sachdeva Institute of Technology, Mathura (Sept 2006 – Jul 2007).

Research Areas

Unconventional Machining Processes, Finite Element Analysis

International Journal

- **“Experimental Investigation of Vibration Assisted Cylindrical–Magnetic Abrasive Finishing of Aluminum Workpiece”**, Published in Materials and Manufacturing Processes, 28: pp. 1196–1202, 2013, Taylor & Francis, SCIE Impact factor 1.48.
- **“Study of vibration frequency and abrasive particle size during cylindrical Magnetic Abrasive Finishing”**, Published in Int. J. Precision Technology, Vol. 3, No. 2, 2013, pp. 117–130, Inderscience Publications.

International Conference

- **“Effect of Abrasive Particle Size during Magnetic Abrasive Machining of Aluminium Tube”**, Published in 25th AIMTDR and 4th IAIMTDR Conference held in December 14–16, 2012 at Jadavpur University, Kolkata.

Conference Attended

- National Conference on Advanced Manufacturing Technology (NCAMT – 2012) at NITTTR, Chandigarh held on March 15 – 16, 2012.
- National Conference on Recent Advances Mechanical Engineering (RAME – 2011) at BSACET, Mathura held on March 25 – 26, 2011.

Awards and Achievements

- Institute Gold Medal awarded for standing 1st Position in M.Tech. Mechanical Engineering (Production Engineering), MNNIT Allahabad for the session 2010–2012.
- Ratan Prakash Memorial Gold Medal awarded for standing 1st Position in M.Tech. Mechanical Engineering (Production Engineering), MNNIT Allahabad for the session 2010–2012.