

CURRICULUM VITAE



Mr. Himanshu Prasad Raturi

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H.No.82, Bhatt Bhawan,
Tiloth, Uttarkashi
(Uttarakhand) Pin: 249193

CAREER OBJECTIVE

To work in a challenging environment this provides the best opportunity for learning and growth and to reach the height of my profession by enhancing my technical and interpersonal skills.

EDUCATIONAL QUALIFICATION

Pursuing PhD (Mechanical Engineering), from National Institute of Technology Silchar Assam.

M.Tech (Production Engineering), from Govind Ballabh Pant Engineering College, Pauri (2015) (Affiliated to Uttarakhand Technical University, Dehradun).

B.Tech (Mechanical Engineering), from Panchkula Engineering College, Panchkula, Haryana (2012) (Affiliated to Kurukshetra University, Kurukshetra).

ACADEMIC CREDENTIALS

HSC (10+2) from Kendriya Vidyalaya, Uttarkashi (2007) C.B.S.E Board.

SSC (10th) from Kendriya Vidyalaya, Uttarkashi (2005) C.B.S.E Board.

TEACHING EXPERIENCE

Govind Ballabh Pant Institute of Engineering & Technology, Ghurdauri, Pauri Garhwal (Uttarakhand).

Assistant Professor as a Guest Faculty (Sep 2015- 24 Dec 2018)

- Taught UG & PG Courses, Topic Included :
Engineering Drawing, Machine Drawing, Material Science, Composite Material, Mechanical Measurement & Control, Product Design & Development, Mechanical System Design, Energy Conservation,

PROFESSIONAL EXPERIENCE

COMPANY: Global Medikit Ltd, Dehradun (UK)

DESIGNATION: Production Associate

DURATION: Nov 2012 to July 2013

WORKING PROFILE

Global Medikit Ltd, Dehradun (UK)

- Inspection of incoming material & finished product, coordination with production department for improvement in finished products.

- Study of scope of work, specification and technical parameters based on which production has to execute.
- Random inspection of finished products on various standard parameters.

PROJECT WORK

M.Tech Project in “Fabrication and Parametric Study of Metal Matrix Composite and Hybrid Metal Matrix Composite (Al6063/SiC/Al₂O₃) machining through Wire-Electric discharge machining (WEDM) Using Taguchi Method.

EDUCATIONAL TRAINING

- 40 Days Training From Tiloth Power House (Uttarkashi), During July- Aug 2010
- 35 Days Training From Pritika Industries Private Limited (Mohali) During July- Aug 2011
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COMPUTER SKILL

Operating System: Windows 7, Windows XP, MS Office 2007 (Word, PowerPoint, Advance Excel) computer basics.

PUBLICATIONS

- **Himanshu Prasad Raturi**, Subrata Kushari, Pradeep Kumar Karsh, Sudip Dey “Evaluating Stochastic Fundamental Natural Frequencies of Porous Functionally Graded Material Plate with Even Porosity Effect: A Multi-Machine Learning Approach”, Journal of Vibration Engineering & Technologies Journal of Vibration Engineering and Technologies (SCI: 2.333 IF), 2023, DOI:10.1007/s42417-023-00954-0.
- **Himanshu Prasad Raturi**, Pradeep Kumar Karsh, Sudip Dey “Random free vibration analysis of porous functionally graded material cantilever plates” Journal of the Brazilian Society of Mechanical sciences and Engineering (2022) 44:598 (SCI: 2.361 IF)
- **Himanshu Prasad Raturi**, Lalta Prasad, Mayank Pokhriyal, Vinnet Trith (2017). An Estimating the Effect of Process Parameters on Metal Removal Rate and Surface Roughness in WEDM of Composite Al6063/SiC/Al₂O₃ by Taguchi Method. Strojnický časopis – Journal of Mechanical Engineering 67 (2), 25–36.
- Mayank Pokhriyal, Lalta Prasad, **Himanshu Prasad Raturi** (2017). An experimental investigation on mechanical and tribological properties of Himalayan nettle fiber composite. Journal of Natural Fibers. 15(5), 1-10
- Mayank Pokhriyal, Lalta Prasad, Pawan Kumar Rakesh, K.K.S Mer, **Himanshu Prasad Raturi**, Influence of fiber loading on physic mechanical properties of Himalayan nettle fabric reinforced polyester composite, Materials Today Proceedings Volume 5, Issue 9, Part 1, 2018, Pages 16973-16982. AMPCO-2017, IIT Roorkee, India.

BOOK CHAPTER

- **Himanshu Prasad Raturi**, Lalta Prasad, Mayank Pokhriyal, A. Kumar Study on Wear Behavior of Al-Based Hybrid Metal Matrix Composites Reinforced with Al₂O₃/SiC Particles: Volume 1 January 2019 DOI: 10.1007/978-981-13-2697-4_2 In book: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD 2018)
- Lalta Prasad, Lalit Mohan, **Himanshu Prasad Raturi**, Virendra Kumar. A Comparative Study on Mechanical and Dry Sliding Wear Behaviour of Al 7075-T6 Welded Joints Fabricated by FSW, TIG and MIG: Volume 2 January 2019 DOI: 10.1007/978-981-13-2718-6_48 In book: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD 2018)

SHORT TERM COURSES

- Faculty development program on Computer Based Product Design and Manufacturing during February 09-13 2018, organized by electronics & ICT academy, **IIT Roorkee** in association with **NIT Uttarakhand**, India.
- Centre for Development of Technical Education, sponsored STC on CNC and Reverse Engineering during December 22-26, 2015, organized by 4i-lab, **IIT Kanpur**, India
- TEQIP-III sponsored STC on Advanced Manufacturing Technology during June 08-12, 2015, organized by Department of Mechanical Engineering, **GBPIET, Pauri**, and Uttarakhand, India.
- TEQIP Sponsored STC on “Advanced in Materials & Manufacturing” December 24-28, 2018, organized by Department of Mechanical Engineering, **GBPIET, Pauri**, and Uttarakhand, India.

CONFERENCE PAPER AND PRESENTATIONS

- **Himanshu Prasad Raturi**, Mayank Pokhriyal, Lalta Prasad. Parametric effects on metal matrix composite and hybrid metal matrix composite machining through WEDM- A review, proceeding of the 1st National Conference on Recent Advances in Sciences & Technology (NCRAS-2015), SIT Pithoragarh, August 22-23, 2015 (ISBN: 978-93-85437-03-8)
- **Himanshu Prasad raturi**, Lalta Prasad and Mayank Pokhriyal, Optimization of sand abrasion wear of aluminium based MMC reinforced with Al₂O₃ & SiC particles, national conference on advances in Mechanical Engineering, B. S. Anangpuria Institute Of Technology & Management, Faridabad, Haryana, March 12, 2016
- **Himanshu Prasad raturi**, Lalta Prasad and Mayank Pokhriyal, Investigation of cutting parameters on turning operation- A review, the 2nd National Conference on Recent Advances in Sciences & Technology (NCRAS-2016), SIT Pithoragarh, August 29-30, 2016 (ISBN: 978-93-85777-96-7)
- Mayank Pokhriyal **Himanshu Prasad Raturi**, and Lalta Prasad, Tensile behaviour and potential of natural bast fiber composites- A Review, Proceeding of the 1st National Conference on Recent Advances in Science & Technology (NCRAS- 2015) SIT Pithoragarh, August 22-23, 2015 (ISBN: 978-93-85437-03-8) August 22-23, 2015
- Mayank Pokhriyal **Himanshu Prasad Raturi**, and Lalta Prasad, A review on influence of fiber loading and orientation on the mechanical properties of natural fiber reinforced composites 2nd National Conference on Recent Advances in Science & Technology (NCRAS- 2016) SIT Pithoragarh, August 29-30, 2016 (ISBN: 978-93-85777-96-7) August 29-30, 2016
- Mayank Pokhriyal **Himanshu Prasad Raturi**, and Lalta Prasad, Coir natural fiber composite National conference on science & technology for national development November 20-22, 2016

PROFESSIONAL DEVELOPMENT

- Participated as an organizing committee member acted as Student Volunteer in the 2nd National Conference on “Recent Advances in Mechanical Engineering (NCRAME-2014)” organized by Department of Mechanical Engineering at Govind Ballabh Pant Engineering college, Pauri Garhwal, Uttarakhand (INDIA) held during 26-27 September, 2014.
- Participated as an organizing committee member in “Induction Program” Sponsored by TEQIP-III, held by G. B. Pant Institute of Engineering & Technology Pauri Garhwal from 14-31 August 2018.
- Participated as two days works shop Sponsored by TEQIP-III on “Materials Characterization by SEM, TEM, XRD & EBSD” organized by Department of Mechanical Engineering at G.B. Pant Institute of Engineering & Technology, Pauri Garhwal from 27-28 October 2017.
- Participated in Poster Session as a delegate in the International Conference on Advance in Materials & Processing: Challenges & Opportunities (AMPCO’17) held during 30th Nov- 2nd Dec, 2017 at Indian Institute of Technology Roorkee, India.
- Worked as a branch coordinator in Cultural Fest activities “GOONJ” in Govind Ballabh Pant Institute of

Engineering & Technology, Pauri Garhwal, Uttarakhand (INDIA) during the Academic year of 2017-18

- Worked as a branch coordinator in Sports Fest activities "JOSH" in Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal, Uttarakhand (INDIA) during the Academic year of 2018-19.

PERSONAL PROFILE

Name: Himanshu Prasad Raturi
Father's Name: Mr. Ramesh Prasad Raturi
Date of Birth: 10 March 1990
Marital Status: Married
Languages: English and Hindi
Permanent Address: H.No.32, Village & Post Office: Saura
Tehsil: Bhatwari District: Uttarkashi
(Uttarakhand) Pin: 249194

Key Attributes

- Ability to work hard with skilful measures.
- Competency to perform work individually as well as in a team.

DECLARATION

I consider myself as a hard working person with smartness & I believe in quick learning. My better communication, quick decision making, help me to get high level. I hereby certify that the above statement is true to the best of my knowledge and believe.

Place:

Himanshu Prasad Raturi

Date:

