


## Faculty Profile

<b>Name of Faculty</b>	Vishnu P	
<b>Department</b>	Mechanical Engineering	
<b>Qualification</b>	B.E., M.Tech., (Ph.D.)	
<b>Designation</b>	Assistant Professor	
<b>Area of specialization</b>	Machine Design	
<b>Date of Joining BNMIT</b>	23.07.2015	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>e-mail</b>	<a href="mailto:vishnup@bnmit.in">vishnup@bnmit.in</a> , <a href="mailto:Pvishnu084@gmail.com">Pvishnu084@gmail.com</a>	
<b>No. of years of Experience</b>	Teaching: 5.5 years	

### Academic Qualifications

- **Ph.D.**(2017), Pursuing in Department of Mechanical Engineering, Raja Reddy Institute of Technology, VTU Belagavi
- **M.Tech.**Design Engineering (2013), Don Bosco Institute of Technology, Bangalore (FCD)
- **B.E.**in Mechanical Engineering (2011), Rao Bahadur Y Mahabaleswarappa Engineering College, Bellary (FC)

### Working Experience Details

- Assistant professor, Dept. of Mechanical Engineering, BNMIT, Bangalore, India, (23-7-2015 to Till date).
- Asst. Professor, Dept. of Mechanical Engineering, The Oxford College of Engineering, Bangalore, India, (17-7-2014 to 20-07 2015).
- Asst. Professor, Dept. of Mechanical Engineering, Jnana Vikas Institute of Technology, Bidadi,(01-08-2013 to 15-7-2014).

### Subjects taught

**Topics Taught:**Design of Machine Elements II, Finite Element Method, Theory of Elasticity, Mechanics of Material, Material Science, Computer Aided Engineering Drawing, Elements of Mechanical Engineering,

### Research Experience Details:

#### Ph.D:

**Title:** Laser surface Modification of Aluminum (2017) VTU Belagavi

**Guide:** Dr. B N Sathyanarayana Reddy

#### Software handled:

- Solid Edge
- Hypermesh, Nastran, Ansys

## **Research Publications:**

### **I. In National & International Journals**

#### **International Journals:**

- **Vishnu P**, Manjunath A R, H S Kumaraswamy “Finite Element Analysis and Cost Effective Design for Roll Over Protection Structure (ROPS) of Soil Compactor, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) Vol 2, Issue 4, April 2017,ISSN (Online) 2456-1290
- Harish, D.Shivalingappa, **Vishnu.P**, Sampath kumaran “Impact of Ball burnishing process parameters on surface Integrity of an Aluminum 2024 Alloy” IOP Conf. Series: Materials Science and Engineering 376 (2018) 012099 doi:10.1088/1757-899X/376/1/012099

### **Participation in Training courses/Seminars/Workshops**

- Attended workshop on “Emerging trends in Materials and Thermal Engineering” held at Don Bosco Institute of Technology, Bangalore.
- Completed 100 hours Modular Training Program in Hypermesh at M.S. Ramaiah school of advance studies, Bangalore.
- Attended ANSYS CONVERGENCE CONFERENCE held by ANSYS Corp at Bangalore.
- Attended Regional NAFEMS Conference held at Chennai.
- Attended FDP on Research Avenue in Thermal Mechanical and Manufacturing Engineering organized by dept. of Mechanical Engineering, BNM Institute of technology Bangalore from 11<sup>th</sup> to 16<sup>th</sup> July 2016
- Attended FDP on Recent Advancements in Mechanical Engineering organized by Dept. of Mechanical Engineering, BNM Institute of Technology Bangalore from 16<sup>th</sup> to 21<sup>th</sup> January 2017
- Attended one-week workshop on Materials Tribology: Fundamentals and its Advancements held at Department of Mechanical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. March 23-29,2017
- Finite element analysis and cost-effective design of roll over protective structure of soil compactor, International conference on advances in mechanical engineering sciences ICAMES 2017, 21<sup>st</sup> and 22<sup>nd</sup> April 2017, PES Mandya.
- Attended FDP on Emerging research areas and trends in Mechanical Engineering organized by Dept. of Mechanical Engineering, BNM Institute of technology 31<sup>st</sup>July to 5<sup>th</sup> august 2017

- Presented poster in All India seminar on Residual Stress and Advanced NDE Techniques for Structural Integrity Assessment Key Challenges & Remedies title by “A Review of Different Techniques of Laser Hardening on Residual Stress”
- Faculty development program on Modern Materials and their Applications by Dept. of Physics, BNMIT. From 16th -20th January 2018
- FDP on Research Issues and Challenges in Mechanical Engineering by Dept. of Mechanical Engineering, BNMIT from 16th July to 20th July 2018

**Personal Details:**

- **Date of Birth:** 12-06-1990; **Sex:** Male.
- **Family Details:** Wife  
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**16<sup>th</sup> February 2019**

**VISHNU P**