


## Faculty Profile

<b>Name of Faculty</b>	Shwethashree B	
<b>Department</b>	Mechanical Engineering	
<b>Qualification</b>	B.E., M.Tech., (Ph.D)	
<b>Designation</b>	Assistant Professor	
<b>Area of specialization</b>	Product Design and Manufacturing	
<b>Date of Joining BNMIT</b>	5/7/2019	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>e-mail</b>	shwetha.shree83@gmail.com	
<b>No. of years of Experience</b>	13.5 years	

### Academic Qualifications

- **Ph.D** ( Pursuing) : Department of Mechanical Engineering, R V College of Engineering – R and D centre, Bangalore, under VTU, Belgavi, India from 2019
- **M.Tech.** (2013), Product Design and Manufacturing, Visveswaraya Technological University, Belagavi, India (FCD)
- **B.E.**(2004), Mechanical Engineering, Visveswaraya Technological University, Belagavi, India (FCD)

### Working Experience Details

- Lecturer, Department of Mechanical Engineering, East West Institute of Technology, Bangalore from August 2005 till January 2013.
- Assistant Professor, Department of Mechanical Engineering, East West Institute of Technology from February 2013 till June 2019.

### Professional Membership

- Life member of the Indian society for technical education (LM 54219)
- Member of the institute of Engineers (M -153684-7)

### Subjects taught

Control Engineering, Kinematics of Machines, Metal Casting and Welding, Machine Tools and Operations, Mechatronics and Microprocessors, Computer Integrated Manufacturing, Engineering Graphics, Management and Entrepreneurship, Elements of Mechanical Engineering.

### **Research Experience Details:**

- **“Design and Fabrication of a Portable Cattle Dung Mixer for Biogas Plant”**- from January 2018 till May 2018(**Funded by KSCST**), also the project was selected for state level exhibition organized by KSCST at Davangere in August 2018.
- **“Design and Fabrication of a Low Cost Ragi De-husking Machine”** from January 2019 to May 2019(**Funded by KSCST**), also the project is selected for state level project exhibition organized by KSCST at Belgaum in July 2019

### **Ph.D:**

**About the work:** Research work is focused on optimization of thin film coatings for solar thermal applications.

**Guide:** Dr. Ravindra S Kulkarni, Professor and Head, Department of Aerospace and Engineering, R V College of Engineering, Bangalore

### **Software handled:**

- Solid Edge
- Pro-E
- Unigraphics NX2
- Edge Cam

### **Research Publications:**

#### **I. International Journals:**

1. Published a research paper entitled Design and Analysis of Hangers for Exhaust System in IJERT, volume 4, issue 06, June - 2015.

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

1. Presented paper on Gravity Power Generation System in international conference held on 18<sup>th</sup> May-2019, at East West Institute of Technology, Bangalore
2. Attended international conference on Smart Engineering Materials organized at RVCE, Bangalore from 20<sup>th</sup> - 22<sup>nd</sup> October- 2016.
3. Attended FDP on Advanced Manufacturing, Measurements and Non-Destructive Techniques used in industries from 26<sup>th</sup> - 30<sup>th</sup> July- 2016 organized at department of Industrial Engineering and Management, MSRIT, Bangalore.

4. Participated in 15<sup>th</sup> ISTE Karnataka Faculty Convention from 7<sup>th</sup> to 8<sup>th</sup> December- 2012 at EWIT, Bangalore.
5. Participated in Mission 10X Conclave on 19<sup>th</sup> August-2011 organized by Wipro technologies at Dayananda sagar College of engineering, Bangalore.
6. Participated in Mission 10X workshop from 14<sup>th</sup> to 18<sup>th</sup> June - 2011 organized by Wipro technologies at EWIT, Bangalore.
7. Attended workshop on International Virtual Laboratory on Mechatronics on 16<sup>th</sup> October 2006 at Dr. Ambedkar Institute of Technology, Bangalore.
8. Attended workshop on Micro electromechanical and Smart Systems from 16<sup>th</sup> to 21<sup>st</sup> January – 2006 organized by ISSS at IISC, Bangalore.

**Personal Details:**

- **Date of Birth:** 01/12/1982; **Sex:** Female.
- **Family Details:** Husband and a son  
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**12<sup>th</sup> July 2019**

**Shwethashree B**