



CURRICULUM VITAE

Varun Shekhar Bhandari

PHD (Pursuing)

M.TECH. Manufacturing Technology

Vellore Institute of Technology Vellore, Tamil Nadu

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Permanent Address

45-A Express View

Apartment Sector-

93

District - Gautama Buddha

Nagar State-Uttar Pradesh,

Pin code-201301

Fields of Research Interest

Production engineering: Traditional and Nontraditional manufacturing process, Advanced Manufacturing Process

Power Plant Engineering's: Thermal power plant, hydraulic power plant, solar power plant

Thermal Engineering: Conduction, Convection and radiation

Educational Degrees

PhD (Pursuing) Department of Mechanical Engineering, Sangam University, Bhilwara,
Thesis: Development and Validation of Lean Manufacturing Frame Work for Textile Industry

M.TECH Department of Mechanical Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, 2014, 8.36 CGPA

BE College of Technology and Engineering Government College, Udaipur, 2011, 60.6 %

Higher Secondary Kendriya Vidyalaya, NTPC Anta, 2007, 75.6

Secondary Kendriya Vidyalaya, NTPC Anta, 2005, 77%

Present Position

Assistant Professor School of Engineering and Technology, Sangam University, Bhilwara, Rajasthan 311001 (September 2016 -Present)

Professional Experience

Assistant Professor Department of Mechanical Engineering, AITS, Udaipur, Rajasthan 313001
(August 2015 – August 2016)

Experience in Industry

Quality Engineer Department of Quality Engineering, Emson Gear LTD Ludhiana, Punjab 141010
(July 2014-July 2015)

Member of Professional / Technical Committees

1. Quality Circle Forum of India

Member of Professional / Technical Committees

1. Member, Training and Placement Committee Sangam University Bhilwara, Rajasthan
2. Member, Research Committee Sangam University Bhilwara, Rajasthan

Industry Training

1. Industry Training at Gas Power Station NTPC Anta for 45 days
2. Industry Training at Kota Thermal Power Station for 45 days

List of Publications

Journal Papers

Varun Shekhar and Manthan Jadhav. (2020). “Optimization of Vacuum Impregnation Plant Using Taguchi Methodology” Proceedings of International Conference in Mechanical and Energy Technology, SIST, Vol. 174, Springer, pp.493-502.

Varun Shekhar and Dr Rakesh Bhandari (2021). “Application of Lean tools in Textile industry to increase productivity and Quality.” Wesleyan Journal of Research, Volume 13 No 69 (March 2021), pp.41-49.

Varun Shekhar and Aditya Kulshrestha(2016).“ Optimization of Wire Cut Edm Process Parameters for Copper and Aluminium part: a review.” International Journal of Engineering Research, Vol. 5, No. 3, pp. 209-222.

Varun Shekhar and Pankaj Patidar., and Sarkar, A. (2016). “Optimization of Wire Cut Edm Process Parameters for Copper and Aluminum Part: a review.” International Journal of Engineering Applied Sciences and Technology, Vol. 1, pp. 260-262.

Keynote Lecture Delivered

Short Term Course on “Application of Design Software”, Sangam University Bhilwara 2013.

Faculty Development Programme on “Course on Solid works software”, AITS, Udaipur, 2016

Workshop Organized

“Power Plant Operations: Electrical and Mechanical Aspects”, School of Engineering and

Technology, Sangam University Bhilwara, 24th-25th May, 2021

“Workshop on Welding technology”, School of Engineering and Technology, Sangam University Bhilwara, 22th-23th June, 2018

“Workshop on Working of CNC Machine”, School of Engineering and Technology, Sangam University Bhilwara, 21th-22th may, 2017

Workshop Attended

“National Conference on Advancement in Mechanical, Electronics and Electrical Engineering ”, Organized by MANIT Bhopal, India on 15th-16th March, 2021

“International Conference on Technological Innovations in Mechanical Engineering”, Organized by Sharda University Noida, India on 17th-18th March, 2021

“International Conference on Analytical and Interdisciplinary Research ”, Organized by Sangam University Bhilwara ", India on 05th-06th February, 2021

“International Conference on Environmental & Climatic Consequences ", Organized by Sangam University Bhilwara, India on 21th-22th December, 2019

“International Conference on Mechanical and Energy Technology”, Organized by at Galgotias College of Engineering and Technologies on 7th-8th November, 2019

“Annual International Conference Coping Change through Innovation and value creation for Society “, Organized by Sangam University Bhilwara, India on 22th-23th December, 2017

“5th Set Conferences conducted by School of Electric Engineering ", Organized by VIT University Vellore, India on 7th-8th May, 2013

“6th Set Conferences conducted by School of Mechanical Engineering ", Organized by VIT University Vellore, India on 8th-9th May, 2012

Course Attended

“Attended Three Days Faculty Development Program on Teaching Skills and Research Methodology” organized on 5-7 January, 2017 at Sangam University, Bhilwara

Research Projects

“Optimization of production time for Crank and Z gear”, Emson Gear Ludhiana. (Completed)

“Design and Process planning of micro gear manufacturing”, VIT University Vellore.

“Experiment Investigation on hot turning of Material” VIT University Vellore. (Completed)

Personal

Date of birth: August 7, 1990

Place of birth: Delhi, India