



JSS Mahavidyapeetha

**JSS Academy of Technical Education**


Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

www.jssateb.ac.in



## FACULTY PROFILE

### 1. Personal Details

NAME	Prof. Bhimasen Soragaon	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Principal	
PHONE	+91 9448234414, +91 7022765695	
EMAIL ID	principal@jssateb.ac.in	
Date of Joining (JSSATEB)	23-01-2012	

### 2. Experience

Total Experience in Years	Teaching: 22 Years	Industry: 5 Years	Research: 09 Years
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Mechanical	1991	Basaveshwar Engineering College, BAGALKOT, Karnataka, INDIA	Karnataka University, Dharwad, Karnataka
M.Tech	Production Management	2000	Basaveshwar Engineering College, BAGALKOT, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi, Karnataka
Ph.D.	Mechanical Engineering Sciences	2011	BVB College of Engineering & Technology, Hubballi, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi, Karnataka
Post Doc.	--			

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National: --
Papers Published in SCOPUS indexed Journals	International: 04	National: --
Papers Published in other Journals	International: 06	National: 01
Papers Presented in Conferences / Symposium	International: 09	National: 03

## 5. Research Guidance

PhD Guide? Give field & University	Yes, Operations Management; Total Productive Maintenance	University: Visvesvaraya Technological University, Belagavi,
PhDs / Projects Guided	Ph.D. Awarded: Guiding: 04	Projects at Master's Level: 04 Projects at Bachelor's Level: 21

## 6. Grants

### i. Funds Received (Projects)

Project Name	Grant Amount, Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Up-gradation of design laboratory to conduct research studies and industrial consultancy in mechanical vibrations (Coordinator: Dr. Anandkumar R Annigeri)	11,03,000/-	19 <sup>th</sup> Dec 2019	2 Years	AICTE, MODROBS
ATAL Sponsored FDP on 3D Printing & Design	93,000/-	17 <sup>th</sup> Dec. 2020	01-05 Feb 2021	AICTE Training & Learning Academy

### ii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Implementation of TQM Tools and Techniques	10,000/-	15.03.2019	3 months	M/s. Right Engineers & Equipment India Pvt. Ltd., Jigani Industrial Area, Bengaluru – 560105
Optimization of process parameters for heat treatment operation to enhance hardness of engineering components	25000/-	08.10.2020	4 months	M/s. Thermotech No.72, 1 <sup>st</sup> Main, Behind MEI, Industrial Suburb, Yeshwantpur, Bangalore - 560022

## 7. Awards Received

1	Best Teacher Award by the Dept. of Industrial Engineering & Management, May 2013
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## 8. Member of BOS/ BOE/ Board/ Governing Council/ Committees (University or State Level)

Sl. No.	Name of the Committee	Position	From Date	To Date	Name of the University/ Organization/ Board
1	LIC-VTU	Member	21.05.2015	23.05.2015	Visvesvaraya Technological University, Belagavi
2	BOE (IP Board)	Member	Aug. 2016	July 2017	Visvesvaraya Technological University, Belagavi
3	BOE (ME Board)	Member	Aug. 2020	July 2021	Visvesvaraya Technological University, Belagavi

## 9. Publications

### i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Design Optimization and Analysis of	B. G. Prashantha, <b>Bhimasen Soragaon</b> , and T. S.	<i>International Journal of Air-</i>	Vol. 28, No. 03, 2020 ISSN:	Both	2.50	World Scientific, USA

	Thermoacoustic Refrigerators', International Journal of Air-Conditioning and Refrigeration	Nanjundeswaraswamy	<i>Conditioning and Refrigeration</i>	20101325, 20101333			
2	Reduction of Patient Wait Time at a Multi-Specialty Hospital using DMAIC Methodology and Factor Analysis	B P Mahesh, <b>Bhimasen Soragaon</b> , Anandkumar Annigeri	<i>International Journal of Engineering &amp; Technology</i> ,	7 (4.25), 2018, pp. 309-312	<b>Scopus</b>	NA	Science Publishing Corporation, UAE
3	Problems and challenges in Harvesting of biomass energy fuels	Radha Halagani and <b>Bhimasen Soragaon</b>	<i>International Journal of Creative Research Thoughts</i>	Volume 6, Issue 1, 2018, pp. 9-15.	--	--	IJ Publication, Delhi, India
4	Productivity Improvement of High-end CNC Machines Using DMAIC Methodology	Veeresh Bhusnur, <b>Bhimasen Soragaon</b> and Hemanth Kumar C.	<i>International Journal of Engineering Research And Advanced Technology</i>	Vol. 03, Issue 2, 2017, pp. 23-37. ISSN: <b>2454-9290</b> <b>Cross ref DOI Prefix:</b> 10.31695/IJERAT	--	--	SN Publishing Co., Jaipur, Rajasthan
5	Measuring Attainment of course Outcomes and Program Outcomes – A Simplified Approach as per Self – Assessment Report - June 2015	<b>Bhimasen Soragaon</b> and K S Mahesh	<i>IOSR Journal of Research &amp; Method in Education (IOSR-JRME)</i> ,	Volume 6, Issue, 4, 2016, pp. 13 -18.	Scopus	3.23	International Organization Of Scientific Research (IOSR), UK
6	Study of Mechanical Properties and Microstructure of Materials Used for the Manufacture of Ball-screws	Somesh Singh and <b>Bhimasen Soragaon</b>	<i>International Journal of Advances in Scientific Research and Engineering</i> ,	Vol. 2, Issue 6, 2016, pp. 1-6.	--	--	Sretechjournal Publications, Bengaluru, India
7	Different Aspects in Sugarcane Maturity Curve and Harvest Schedule – A Review	Radha Halagani and <b>Bhimasen Soragaon</b>	<i>International Journal of Engineering Research and Advanced Technology</i> ,	Vol. 2, Issue 1, 2016, pp. 445-452.	--	--	SN Publishing Co., Jaipur, Rajasthan
8	Fabrication and Evaluation of Multilayered Polyurethane Foam Core Sandwich Panels for Static Flexural Stiffness	M Vijay Kumar and <b>Bhimasen Soragaon</b>	<i>Procedia Engineering</i>	Vol. 97, 2014, pp. 1227–1236.	Both	--	<i>Elsevier</i>
9	Development of a	Bhimasen Soragaon, Hiregoudar, N. L. and	<i>International Journal of</i>	Vol.2, Issue 3, 2012, pp. 366 –	Scopus	0.765	Global Impact Factor, India

	Conceptual Model for the Measurement of Overall Worker Effectiveness (OWE) in Discrete Manufacturing SMEs	Mallur, S. B.	<i>Engineering and Innovative Technology</i>	373. ISSN: 2277-3754			
10	A Proposed Conceptual TQM Model for Implementation to Enhance Business Excellence for North Karnataka Manufacturing SMEs	Mallur, S. B., Hiregoudar, N. L. and <b>Soragaon, B</b>	<i>International Journal's Research Journal of Economics and Business Studies</i>	Vol. 1, No.3, 2012, pp. 30 – 50. ISSN: 2251-1555	--	--	TIJ Research Publication, Inc. (Pte. Ltd.) Singapore
11	A Comparative Study of Importance and Practices of CSFs of TQM and their Impact on Performance of North Karnataka SMEs Manufacturing Sectors: A Survey Result	Mallur, S. B., Hiregoudar, N. L. and <b>Soragaon, B.</b>	<i>International Journal of Engineering and Innovative Technology</i>	Vol. 2, Issue 3, 2012, pp. 97 – 108 ISSN: 2277-3754	Scopus	0.765	Global Impact Factor, India
12	On some aspects of developing an effective model for the implementation of Six Sigma concept in small and medium sized manufacturing enterprises in India	<b>Bhimasen Soragaon</b> and N L Hiregoudar	<i>International Journal of Management Science and Engineering Management</i>	6(1): 42-48, 2011.	Both	2.060	<i>Taylor &amp; Francis</i>
13	Development of a Conceptual Model for Implementation of Six Sigma Concept in Manufacturing SMEs: The Indian Scenario	<b>Bhimasen Soragaon</b> and N L Hiregoudar	<i>The West Indian Journal of Engineering</i>	Vol.32, Nos.1&2, January 2010, pp.12-19.	WoS	--	Faculty of Engineering at The University of the West Indies and the Council of Caribbean Engineering Organisations in Trinidad and Tobago.

## ii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Output level improvement in	<b>Bhimasen Soragaon,</b>	<i>International Conference on</i>	July 26-27, 2018, pp.	Scopus	--	IEOM Society, UK

	small and medium-sized manufacturing enterprises with regard to factors influencing production-workers	B P Mahesh, Anandkumar Annigeri (in absentia)	<i>Industrial Engineering and Operations Management (IEOM)</i> , Paris, France	3057-3068.			
2	On Some Aspects of Indirect Attainment of Course Outcomes and Program Outcomes in a Tier – II Engineering Institution	<b>Bhimasen Soragaon</b> , V Sivakumar and K S Mahesh	<i>World Summit on Accreditation (WOSA)</i> , New Delhi	7-9, Sept. 2018	--	--	NBA, New Delhi
3	A descriptive statistics analysis of workers' personal factors on Overall Worker Effectiveness (OWE) – A case of manufacturing SMEs	<b>Bhimasen Soragaon</b> , B P Mahesh and Anandkumar Annigeri	<i>National Conference on 'Industrial Innovative Management Practices (IIMP – 2018)</i> , Bengaluru	15 – 16, March 2018	--	--	Dr. Ambedkar Institute of Technology, Bengaluru
4	Production Process Planning and Scheduling in Manufacturing SMEs – A Preliminary Literature Review with Reference to Foundry Industries	<b>Bhimasen Soragaon</b> and S R Sattigeri	<i>International Conference on Operations Management and Research – Towards Operational Excellence</i> , Mysuru on 21-22 January 2016	21-22 January 2016	--	--	SDM Institute for Management Development, Mysuru
5	A proposed conceptual TQM model for implementation to enhance business excellence for north Karnataka manufacturing SMEs	S B Mallur, N L Hiregoudar, A H Sequeira, and <b>Bhimasen Soragaon</b>	<i>International Conference on Mechanical Engineering Technology (iCoMET '12)</i>	21-22 January 2012 pp. 123-137 (proceedings)	--	--	College of Engineering and Technology, Palai, Kerala
6	Analysis of factors influencing overall worker effectiveness (OWE) towards six sigma level output in	<b>Soragaon, B.</b> , Hiregoudar, N. L. and Mallur, S. B.	<i>Advances in Supply Chain &amp; Manufacturing Management (ASCMM) - 2011</i>	16-18, December 2011 (Paper # 150)	--	--	Dept. of IEM, IIT Kharagpur

	small and medium-sized manufacturing enterprises						
7	Identification of factors affecting production-worker-effectiveness for six sigma output level in small and medium size manufacturing enterprises	<b>Soragaon, B.</b> and Hiregoudar, N. L.	<i>International Conference on Technology Management in the Energy Smart World (PICMET - 2011) Portland, Oregon, USA (in absentia)</i>	31 July – 4 <sup>th</sup> August, 2011 Paper ID # 11R0202, TB-12.3), pp. 2051-2059 <b>ISSN:</b> 2159-5100	WoS	--	© IEEE INSPEC Accession Number: 12229455 (Portland State University, Oregon, USA)
8	Analysis of Critical Success Factors (CSFs) of Total Quality Management (TQM) practices in North Karnataka Small and Medium Sized Manufacturing Enterprise (SMMEs): Empirical findings and evaluation	Mallur, S. B., Hiregoudar, N. L. and <b>Soragaon, B.</b>	<i>1<sup>st</sup> International Conference in South Asia on Global Manufacturing Systems and Management (ICGMSM-2011)</i>	1-3, August 2011	--	--	Coimbatore Institute of Technology, Coimbatore, TN
9	Overall Worker Effectiveness (OWE) Towards Six Sigma Level Output in Small and Medium-sized Manufacturing Enterprises – A Micro Analysis	<b>Soragaon, B.</b> and Hiregoudar, N. L.	<i>International Conference on Technology Management For Global Economic Growth (PICMET 2010) held at Phuket, Thailand</i>	18-22 July 2010. Print ISBN: 978-1-4244-8203-0, pp. 1809-1815. <b>ISSN:</b> 2159-5100	WoS	--	© IEEE INSPEC Accession Number: 11596093 (Portland State University, Oregon, USA)
10	A Literature Review for the Development of a Model for the Implementation of Six Sigma in Indian SMEs	<b>Soragaon, B.</b> and Hiregoudar	<i>First International Conference on Frontier Technologies-Need for the Industry, Business, and Education</i>	6-8 September 2006	--	--	Adhiyamaan College of Engineering, Hosur, TN
11	Using Quality Circles to Improve Students' Feedback System	<b>Soragaon, B.</b> and Bhupal, Y.	<i>National Conference on Mechanical Engineering Trends (COMET-2006)</i>	19-20, May 2006	--	--	Bellary Engineering College (now, BITM), Ballari, Karnataka
12	Few Aspects of Feasibility Studies on Implementing	<b>Soragaon, B.</b> and Hiregoudar, N.L.	<i>National Seminar on Emerging Issues in Management</i>	28-29, January, 2005	--	--	Rourkela Institute of Management Studies, Rourkela, Orissa

Six Sigma in Indian Organizations		<i>and Information Technology in the Changing Corporate World</i>				
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### iii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Research Proposal Writing and Opportunities in the field of Science, Engineering & Management (Online)	Bangalore Institute of Technology, Bengaluru	06-11, July 2020
2	NBA and NAAC Accreditation Process	MSRIT, Bengaluru	04-08, June 2020
3	Additive Manufacturing: Research Scopes & Future Trends (Online)	Santhiram Engineering College, Nandyal	22 – 28 May 2020
4	4 <sup>th</sup> World Summit on Accreditation (WOSA – International Conference; Paper presenter))	NBA, New Delhi	07-09, Sept. 2018
5	International Conference on Advances in Materials and Manufacturing Applications (participated as Session Chair)	Amrita University School of Engineering, Bengaluru	16-18, Aug 2018
	International Conference on Industrial Engineering and Operations Management (paper presenter in absentia)	Industrial Engineering & Operations Management Society, Paris, France	26-27, July 2018
6	Emerging Trends in Project management	Dr. AIT, Bengaluru	09-13, April 2018
	International Conference on Operations Management and Research (participated as a paper presenter)	SDM Institute for Management Development, Mysuru	21-22, Jan 2016
7	Quality Management Systems Auditor/Lead Auditor Training Course Based on ISO 9001:2008 Standard	BSCIC Certifications Pvt. Ltd., Faridabad, Bengaluru Branch	19-23, June 2014
8	Problem Solving Using Design of Experiments	ISI Bengaluru	16-18, July 2013
9	Teaching Operations Research & Its Applications	IIM Kozhikode	02-05, April 2013
10	Contemporary Management Practices & JUST Society (National Conference; Resource Person)	Vijayanagara Institute of Management Studies, Ballari	30-31 March 2012
11	PICMET' 11, Technology Management in the Energy-Smart World (participated as a paper presenter, in absentia)	Portland International Centre for Management of Engineering & Technology, Oregon, USA	31 July – 04 Aug, 2011
12	PICMET' 10, Technology Management for Global Economic Growth (participated as a paper presenter)	Portland International Centre for Management of Engineering & Technology, organized at Phuket, Thailand	18-22, July 2010
13	Six Sigma Green Belt Training	ESCI, Hyderabad	18-22, Oct. 2005
14	Total Quality Management	NMAM IT, Nitte	22-25, Aug. 2005
15	Instructional Design and Delivery	NITTTR, Chennai	21-26, Feb. 2005
16	National Conference on Mechanical Engineering Trends (participated as a paper presenter)	Bellary Engineering College (now, BITM), Ballari	19-20, May 2006
17	International Conference on 'Total Engineering, Analysis & Management Technologies'	TEAM TECH 2006, IISc, Bengaluru	28 <sup>th</sup> Feb – 2 <sup>nd</sup> March, 2006
18	National Conference on 'Emerging Issues in Management and Information Technology in the Changing Corporate World' (participated as a paper presenter)	Rourkela Institute of Management Studies, Rourkela	28-29, Jan 2005

### iv. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	National Conference on Emerging Trends in Materials, Design and Manufacturing	Dept. of ME, JSSATE, Bengaluru	17-18, May 2019	Convener
2	One week FDP on Simulation Modeling and Analysis of Manufacturing Systems	Dept. of ME., JSSATEB, Bengaluru, in association with M/s. Commercial Consultancy Services (Indian Franchise of	08-12, Jan 2018	Coordinator

		'Flexsim Software Products, Inc. USA), Chennai / Bengaluru		
3	One week FDP on 'Enhancing Pedagogical Skills' for the faculty members of JSSATEB	Dept. of IEM, JSSATE, Bengaluru, in association with NITTTR, Bengaluru and Chennai.	17 – 21, Jan 2017	Coordinator
4	National Conference on Emerging Trends in Engineering Management – 2014	Dept. of IEM, JSSATE, Bengaluru	08-09, May 2014	One of the coordinators

**v. Workshops / Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)**

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	NAAC Accreditation Process (online)	BMS College for Women, Bengaluru, under UGC - PARAMARSH	23-30, Nov 2020
2	MATLAB for Mechanical Engineers (online)	ISTE – BMS College of Engineering, Bengaluru	20-24, July 2020
3	Outcome Based Education and NBA Accreditation, under VTU TEQIP 1.3 (participated as resource person on 25.01.2020)	RYM College of Engineering, Ballari	21-25, January 2020
4	Implementation of OBE in Higher Education Institutions, under TEQIP 1.3 (participated as a resource person on 11.07.2019)	SIT, Tumakuru	08-12, July 2019
5	Accreditation for Affiliated Institutions (participated as a resource person on 09.03.2018)	NITTTR, EO, Bengaluru	05-09, March 2018
6	AICTE Sponsored Two Weeks FDP on Recent Advances and Challenges for Quality Assurance and Accreditation in Higher Education for Modern World (participated as a resource person on 18.12.2017)	UBDT College of Engineering, Davanagere	11-23 Dec. 2017
7	First International Conference on 'Frontier Technologies – Need for the Industry, Business & Education' (participated as a paper presenter)	ISTE – Adhiyamaan College of Engineering, Hosur, TN	06-08, Sept. 2006

**10. Details of NPTEL / COURSERA courses completed**

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Accreditation and Outcome Based Learning	NPTEL-AICTE (IIT Madras)	22.12.2019	84%
2	NBA Accreditation and Teaching-Learning in Engineering	NPTEL-SWAYAM (IISc Bengaluru)	21.06.2020	93%
3	Programming for Everybody (Getting Started with Python)	Coursera, University of Michigan	9 <sup>th</sup> June 2020	--
4	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Coursera, AUTODESK	26 <sup>th</sup> July 2020	--

**11. Membership of Professional Bodies:**

1.	Life Membership in Indian Society for Technical Education (MISTE), LM38607
2.	Member of International Association of Engineers, (MIAENG), Member No.: 127750
3.	Member of Institution of Engineers (MIE), M1696550