

# CURRICULUM VITAE



**Name:** Dr. Balkrishna Eknath Narkhede

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**Designation:** Associate Professor, Industrial Engineering & Manufacturing Systems Group, Room No. ALB-310, National Institute of Industrial Engineering (NITIE), Near Vihar Lake, Powai, Mumbai-400 087 INDIA

## Record of the employment:

Sr. No.	Name of Post Held	Name of the Institution	Period	
			From	To
01	Associate Professor	National Institute of Industrial Engineering (NITIE) Mumbai	29.09.2017	Till Date
02.	Visiting Associate Professor (on Deputation)	Asian Institute of Technology, Bangkok	04.01.2016	29.04.2016
03.	Associate Professor	VJTI Mumbai	01.01.2011	28.09.2017
04.	Assistant Professor (5th Pay)	VJTI Mumbai	01.01.2008	31.12.2010
05.	Sr. Lecturer	VJTI Mumbai	13.11.2003	31.12.2007
06.	Lecturer	VJTI Mumbai	13.11.1998	12.11.2003

## Academic Qualifications:

Sr. No	Name of Degree/Diploma	Specialization	Year of passing	University/Board	% Marks/CGPA	Division/Distinction
01.	FDPM	General Management	2013	IIM Indore	-	-
02.	Ph.D.	Mechanical Engg.	2008	University of Mumbai	-	-
03.	M. Tech.	Metallurgical Engineering (Ferro Alloys Technology & Alloy Steel Making)	1997	Nagpur University	79.15 %	First Class with Distinction
04.	B.E.	Production Engg.	1995	Dr B. A. Marathwada University, Aurangabad	69.53 %	First Class with Distinction

**No. of Ph.Ds Guided:** 06 candidates completed, 02 candidates submitted their thesis

**Details of Research Paper Publications:**

<b>(i) International Journals (39 + 01 Under Review = 40)</b>				
<b>Sr. No.</b>	<b>Title of Research Paper</b>	<b>Name of Journal and Year/Issue No.</b>	<b>Publication as main author or co-author</b>	<b>Remarks, if any</b>
1.	Advance Manufacturing Strategy and Firm Performance: An empirical study in a developing environment of small and medium sized firms	Benchmarking: An International Journal, Vol.24, Issue.1, 2017, pp.62-101, Emerald Publishers. SCOPUS indexed and B category Journal as per ABDC Ranking.	Sole Author	
2.	To identify the Critical Success Factors of Sustainable Supply Chain Management Practices in the context of Oil and Gas Industries: ISM Approach	Renewable & Sustainable Energy Reviews, Vol.68, 2017, pp.33-47. Elsevier Publishers. SCOPUS, Web of Science indexed and 5-year Impact factor = 7.896	Co-Author alongwith Gardas B.B., Raut R.D.	
3.	A Novel Approach to determine Cell Formation using Hybrid Technique	Annals of Operations Research, Springer Publishers. SCOPUS indexed and A category Journal as per ABDC Ranking. UNDER REVIEW	Co-Author alongwith Shruti Shashikumar, R.D. Raut, V.S. Narwane	Submitted on 21.11.2016
4.	Interpretive framework for analyzing Lean Implementation using ISM and IRP Modeling	Benchmarking: An International Journal, Emerald Publishers. SCOPUS indexed and B category Journal as per ABDC Ranking.	Co-Author alongwith Anup P. Chaple, Milind M Akarte, Rakesh D Raut	Accepted for publication
5.	Evaluating lean manufacturing barriers: An interpretive process	Journal of Manufacturing Technology Management, Vol.28 No.8 Emerald Publishers. SCOPUS indexed	Co-Author alongwith Linda Zhang, A.P. Chaple	
6.	Benchmarking the Logistics Management Implementation Using Delphi and Fuzzy DEMATEL	Benchmarking: An International Journal, Emerald Publishers. SCOPUS indexed and B category Journal as per ABDC Ranking.	Co-Author alongwith Suresh Jakhar, Sachin Mangla, Sunil Luthra, Mohit Tyagi	Accepted for publication
7.	Modeling the Lean Barriers for Successful Lean Implementation: TISM Approach	International Journal of Lean Six Sigma, Emerald Publishers. SCOPUS indexed.	Co-Author alongwith A. P. Chaple, M.M. Akarte, R.D. Raut	Accepted for publication

8.	An ISM approach for the barrier analysis in implementing Sustainable Practices: An Indian Oil and Gas Sector	Benchmarking: An International Journal, Emerald Publishers. SCOPUS indexed and B category Journal as per ABDC Ranking.	Co-Author alongwith Raut R.D., Gardas B.B., Luong H.T.	Accepted for publication
9.	Value Stream Mapping in a Discrete Manufacturing: A Case Study	International Journal of Supply Chain Management, Vol.6, Issue.1, 2017, pp.55-67. SCOPUS indexed.	Co-Author alongwith Anup P. Chaple	
10.	Evaluating Factors Influencing Information Quality in Large Firms	International Journal of Social, Behavioural, Educational, Economic, Business and Industrial Engineering, Vol.11, Issue.1, 2017. World Academy of Science, Engineering and Technology	Main Author alongwith S.K. Mahajan, B.T. Patil, R.D. Raut	
11.	Selection and Evaluation of Third Party Logistics Service Provider (3PLSP) by using an Interpretive Ranking Process (IRP)	Benchmarking: An International Journal, Vol.24, Issue.6, 2017. Emerald Publishers. SCOPUS indexed and B category Journal as per ABDC Ranking.	Main Author alongwith RD Raut, BB Gardas & Huynh Trung Luong, MK Jha	
12.	Manufacturing Performance and Relevance of Operational Performance to small and medium scale enterprises: Literature Review	International Journal of Business Excellence, Vol.10, Issue.3, 2016 Inderscience Publishers. SCOPUS indexed and C category Journal as per ABDC Ranking.	Co-Author alongwith Rupendra Nehete and Rakesh Raut	
13.	A State-of-the-art survey of Interpretive Structural Modeling methodologies and applications	International Journal of Business Excellence, Vol.11, Issue.4, 2017, pp.505-560. Inderscience Publishers. SCOPUS indexed and C category Journal as per ABDC Ranking.	Co-Author alongwith Bhaskar Gardas and Rakesh Raut	
14.	Servant Leadership of the Teachers of Engineering Colleges: An empirical study from Engineering Students perceptive	International Journal of Business Excellence, Vol.11, Issue.4, 2017, pp.425-445. Inderscience Publishers. SCOPUS indexed and C category Journal as per ABDC Ranking.	Co-Author alongwith Bhaskar Bhandarkar and Manju Bhagat	
15.	A Flexible Clustering Approach for Virtual Cell Formation considering Real-Life	International Journal of Industrial & System Engineering ISSN:1748-5045	Co-Author alongwith Siba Sankar Mahapatra and D.P. Tambuskar	

	Production factors using Kohonen Self-organizing Map	Inderscience Publishers <b>Scopus indexed</b> (Accepted for publication)		
16.	Manufacturing strategy implementation and performance benchmarking in Indian packaging product manufacturing companies	International Journal of Competitiveness, Vol.1 No.1, 2016, pp.33-52 ISSN:2056-9440 Inderscience Publishers <b>Listed in Cabell's Directory of publishing opportunities</b>	Co-Author alongwith P.P. Patil and M.M. Akarte	
17.	Linkages in Advanced Manufacturing Strategy: A Literature Review	International Journal of Applied Management Sciences and Engineering, Vol.3 No.1, 2016, pp.30-55. [IGI-Global Publishing] ISSN:2327-7483 INSPEC indexed & listed in Ulrich's Periodicals Directory	Sole Author	
18.	Pattern of manufacturing strategy implementation and implications on manufacturing levers and manufacturing outputs and business performance	International Journal of Indian Culture and Business Management (IJICBM), Vol. 10, No. 2, 2015, pp.157-177. Inderscience Publishers. C category Journal as per ABDC Ranking.	Co-Author alongwith P.P. Patil and M.M. Akarte	
19.	“Impact of entrepreneurial skills on the firm's performance: evidence from manufacturing SMEs in India”	International Journal of Indian Culture and Business Management (IJICBM), Vol. 8, No. 2, 2014, pp.216-236 Inderscience Publishers. C category Journal as per ABDC Ranking.	Main author alongwith Rupendra Nehete, Rakesh Raut and S.K. Mahajan	--
20.	Minimization of Shrinkage Porosity in A Sand Casting Process by Simulation in AUTOCAD-X Software with Experimental Validation by Destructive Testing	International Journal of Modern Engineering Research, Vol.4, Issue.5, May 2014. ISSN: 2249-6645	Co-Author alongwith A.K. Gajbhiye, C.M. Choudhari, D.N. Raut and B.M. Bhandarkar	
21.	Performance Improvement in small and medium sized enterprises due to	Performance Improvement, vol. 52, no. 9, October 2013, pp.24-32	Main author alongwith B.T.Patil, Rakesh Raut and S.K. Mahajan	--

	Information Systems Implementation	International Society for Performance Improvement, USA ISSN:1930-8272		
22.	Methoding and Simulation of LM 6 Sand Casting for Defect Minimization with its Experimental Validation	Procedia Engineering, Vol.97, 2014, pp.1145 – 1154 ELSEVIER publishers ISSN:1877-7058 <b>Scopus Indexed</b>	Co-Author alongwith C.M. Choudhari and S.K. Mahajan	
23.	Casting Design and Simulation of cover plate using AUTOCAST-X Software for Defect Minimization with Experimental Validation	Procedia Materials Science, Vol.6, 2014, pp.786-797 ISSN: 2211-8128 ELSEVIER Publishers <b>Scopus Indexed</b>	Co-Author alongwith C.M. Choudhari and S.K. Mahajan	
24.	Modelling and Simulation for Optimum Design and Analysis of Riser in Sand Casting with Experimental Validation	<i>Applied Mechanics and Materials Vols. 465-466 (2014) pp 657-661</i> <i>Trans Tech Publications, Switzerland</i> ISSN:1662-7482 Thomson Reuters (WoS) indexed	Co-Author alongwith C.M. Choudhari and S.K. Mahajan	
25.	Achieving Operational Excellence through Integrated Approach of Lean Manufacturing and TPM Methodology in Mechanical Cluster Line: A Case Study	<i>International Journal of Global Business and Competitiveness</i> 2014, Vol.9 , No 1, pp 15-31.  C category Journal as per ABDC Ranking.	Co-Author alongwith S.D. Kulkarni, Rajesh Dhake, Rakesh Raut	
26.	Conceptual Approach for Design, Fabrication and Testing of Indoor Remotely Controlled Airship	Advanced Materials Research, Vol.690-693, 2013, pp.3390-3395 <i>Trans Tech Publications, Switzerland</i> ISSN:1662-8985 Thomson Reuters (WoS) indexed	Co-Author alongwith Nawaz I. Motiwala, Irshad Ahmed Khan, Nitesh P. Yelve, Rajkumar S. Pant	
27.	Modeling and Simulation with Experimental Validation of Temperature Distribution during Solidification process in Sand Casting	International Journal of Computer Applications, Vol.78, No.16, 2013, pp.23-29 ISSN:0975-8887	Co-Author alongwith C.M. Choudhari and S.K. Mahajan	

28.	Defect Free Casting by using Simulation Software	Applied Mechanics and Materials, Vol.313-314, 2013, pp.1130-1134 <b>Thomson Reuters (WoS) indexed</b>	Co-Author alongwith C.M. Choudhari and S.K. Mahajan	
29.	Exploring Linkages Between Manufacturing Functions, Operations Priorities And Plant Performance In Manufacturing SME's In Mumbai	International Journal for Quality Research, Vol.6, No.1, 2012, pp.9-22 <i>International Association for Quality and Quality of Life Research</i> ISSN:1800-7473 <b>Scopus indexed</b>	Main author R.S. Nehete and S.K. Mahajan	
30.	Investigation of Entrepreneurial Skills for Better Performance of Manufacturing SMEs	International Journal of Engineering Science & Technology, Vol.3 No.7, July 2011, pp.5515-5525 ISSN : 0975-5462 DOAJ indexed	Co-Author alongwith Rupendra Nehete and S.K. Mahajan	--
31.	A discrete particle swarm optimization approach for manufacturing cell formation	<i>Int. J. Procurement Management</i> , Vol. 7, No. 3, 2014, pp.343–358 Inderscience Publishers ISSN:1753-8440 <b>Scopus indexed</b>	Co-Author alongwith Siba Sankar Mahapatra and D.P. Tambuskar	
32.	Built In Quality- New Trend in Automobile Industry For Quality Improvement	International Journal for Scientific Research & Development  Vol. 2, Issue 04, 2014, pp.441-445. ISSN (online): 2321-0613 Google Scholar indexed	Co-Author alongwith Anil Shinde	
33.	Exploring the Green Supply Chain Management: A Technical Review	International Journal of Applications or Innovations in Engineering & Management, Vol.2 Issue.5, May 2013, pp.441-450	Co-Author alongwith Bhaskar Gardas	
34.	Supplier Selection in Supply Chain using Analytical Hierarchy Process (AHP)	Int. J. Productivity and Quality Management, Vol. 11, No. 3, 2013. Inderscience Publishers ISSN:1746-6482 <b>Scopus indexed &amp; C category Journal as per ABDC Ranking.</b>	Co-Author alongwith Anilkumar H. Maurya, Rakesh D. Raut, Akshay S. Shrawge	
35.	Interpretive Structural Modelling for Challenging Issues in JIT Supply Chain: Product Variety Perspective	International Journal of Supply Chain Management, Vol. 2, No. 4, 2013, pp.50-63 ISSN: 2050-7399 <b>Scopus indexed</b>	Co-Author alongwith V.B. Mahajan, J.R. Jadhav, V.R. Kalamkar	
36.	Success Factors Enhancing Business Performance of	International Journal of Mechanical Engineering and Technology, Vol.4	Co-Author alongwith M.D. Nadar, D.N.	

	Engineering Procurement Construction (EPC) Industries	Issue.1, February 2013, pp.30-43 ISSN:0976-6340 (print) ISSN:0976-6359(online)	Raut and S.K. Mahajan	
37.	Performance Evaluation of Enterprise Resource Planning (ERP) Systems in Indian Manufacturing Industries	IRACST- International Journal of Research in Management & Technology (IJRMT), ISSN: 2249-9563 Vol. 2, No. 1, 2012, pp.72-75 International Research Association of Computer Science, and Technologies. DOAJ, Google Scholar indexed	Co-Author alongwith B.T. Patil, S.K. Mahajan and A.P. Joshi	
38.	Impact of Process Technology on Manufacturing Outputs in an Indian Packaging product Manufacturing Company: A Case Study	Performance Improvement, vol. 51, no. 7, August 2012, pp.14-20. International Society for Performance Improvement, USA ISSN:1930-8272	Co-Author alongwith P.P. Patil and M.M. Akarte	
39.	An Exploratory Study of Manufacturing Strategy of Packaging Product Manufacturing Companies in India	International Journal of Quality Research, Vol.6, No.3, 2012, pp.233-249 International Association for Quality and Quality of Life Research ISSN:1800-7473 <b>Scopus indexed</b>	Co-Author alongwith P.P. Patil and M.M. Akarte	
40.	A Novel Algorithm for Virtual Cellular Manufacturing considering real life Production factors	International Journal of Services and Operations Management, Vol.20, No.2, 2015, pp.246-269 Inderscience Publishers. Scopus indexed & C category Journal as per ABDC Ranking	Co-Author alongwith Siba Sankar Mahapatra and D.P. Tambuskar	
<b>(ii) National Journal (27)</b>				
Sr. No.	Title of Research Papers	Name of Journal and Year/Issue No.	Publication as main author or co-author	Remarks, if any
01.	Implementation of Sustainable Practices in Indian Oil & Gas Industries	Industrial Engineering Journal, Vol. VIII & Issue No. 9 Sept – 2015, pp.13-18. <b>ICI Indexed</b>	Co-Author alongwith Bhaskar Gardas, Rakesh Raut and V.B. Mahajan	
02.	The Implications of Manufacturing Strategy practices on Manufacturing and Business Performance	Industrial Engineering Journal, Vol. VII & Issue No. 3 March – 2014, pp.23-33.	Sole Author	Published by Indian Institution of Industrial Engineering

		ICI Indexed		
03.	Precincts of Lean Six Sigma: An Academic Perspective”	Udyog Pragati, Vol.36, No.4, Oct-Dec 2012, pp.12-18 ISSN 0970-3365	Co-Author alongwith Ashok Patole, K. Maddulety and S.P. Deshmukh	Published by NITIE
04.	Servant Leadership for Promoting Innovation Culture	Udyog Pragati Journal, Vol.35, No.4, Oct-Dec 2011, pp.26-28 ISSN:0970-3365	Co-Author alongwith B.M. Bhandarkar and Manju Bhagat	Published by NITIE
05.	“Productivity Improvement of Spline Cutting using Six Sigma Methodologies– A Case Study”	Industrial Engineering Journal, Vol. V & Issue No.11, November 2012, pp.23-27 ICI Indexed	Co-Author alongwith Kishor B. Khankar & D.P. Tambuskar	
06.	Lean Six Sigma: A Synergistic Approach	SIBACA Management Review, Vol.1, Issue-2, December 2011, pp.21-32 ISSN: 2231-5861	Co-Author alongwith Ashok Patole, K. Maddulety and S.P. Deshmukh	Published by Sinhgad Institute of Management Studies
07.	Small and Medium Scale Entrepreneurs – CSR Perceptions and CSR Initiatives	EXPRESSIONS, Issue.2, Apr-Oct 2011, pp.6-7	Main Author alongwith S.K. Mahajan and R.S. Nehete	
08.	Analyze Effect of Machining Parameters for Enhancement of Surface Quality: A Case Study	Industrial Engineering Journal, Vol.II No.22, April 2011, pp.37-41. ICI Indexed	Co-Author alongwith D.M. Shinde and S.S. Bhamare	
09.	Promoting Positive Safety Culture – A Modern Approach for Achieving Excellence in Safety & Health Performance	aweshkar Research Journal, Vol.X. Issue 2, September 2010, pp.173-190 ISSN:0974-1119 EBSCO Database	Co-Author alongwith E. Laxminarayan and G. Vaidyanathan	WE School Mumbai
10.	Retail landscape in India	aweshkar Research Journal, Vol.IX. Issue 1, March 2010, pp.51-61 ISSN:0974-1119 EBSCO Database	Co-Author alongwith S.K. Mahajan and S.S. Mantha	WE School Mumbai
11.	Importance of Reverse Logistics in SCM	Industrial Engineering Journal, Vol.II No.4, October 2009, pp.22-26. ICI Indexed	Co-Author alongwith Anup Chaple	
12.	Application of Lean Manufacturing Principles in Precious Metal Alloys Machine Cast Jewellery Manufacturing	Udyog Pragati Journal, NITIE April-June 2009.	Main Author alongwith S.S. Mantha	



13.	Technology as the Driving Force of Global Industrial Competition: Critical Review and Case Study	Industrial Engineering Journal, Vol.I, Issue No.11, May 2009. ICI Indexed	Main Author alongwith S.S. Mantha and Vijay Gopani	
14.	An Empirical Investigation of the Impact of Industry-Institute-Interaction on Performance of the Organization: A Case Study	CURIE Journal, Vol.1, Issue.3, October 2008, pp.18-25. ISSN: 0974-1305	Main Author alongwith S.S. Mantha	Published by BITS Pilani
15.	Quality In Jewellery Manufacturing : A Critical Review And Future Directions From Industrial Engineering Angle	Industrial Engineering Journal, Vol.I No.02, August 2008, pp.30-36.	Main Author alongwith S.S. Mantha	
16.	Design For Manufacturability: An Overview	Industrial Engineering Journal, Vol.I, Issue No.4, October 2008, pp.24-26	Main-Author alongwith Harsha Haridas	
17.	A Case Study on Material Handling In A Manufacturing Assembly	Industrial Engineering Journal, Vol.XXXVI No.11, November 2007, pp.3-7.	Main-Author alongwith Sanket Bhat	
18.	Improving Engine Despatch Process Through Method Study	Industrial Engineering Journal, Vol.XXXVI No.07, July 2007, pp.30-37	Main-Author alongwith Amol Chumble	
19.	Technology Fusion And The Cross R & D Through Linkages Between Academia And Industry: Some Strategic Directions	Industrial Engineering Journal, Special Issue 2006	Main Author alongwith S.S. Mantha and Vijay Gopani	
20.	Supply Chain Management: A Critical Review	Industrial Engineering Journal, December 2006	Main Author alongwith Akshay Gupte	
21.	Quality and Productivity: The passwords To Industrial Survival	Industrial Engineering Journal, November 2006, pp.19-21	Main Author alongwith Dawood S.	
22.	Critical Review of Plant Layout – A Case Study”,	Industrial Engineering Journal, Vol.XXXV No.7, July 2006, pp.24-29	Co-Author alongwith Meghana R. Malik	
23.	Lean Thinking: A Critical Review	Industrial Engineering Journal, Vol.XXXV No.5, May 2006, pp.37-41.	Co-Author alongwith Parag Katira	
24.	Jewellery Manufacturing in India: A	Industrial Engineering Journal, Vol. XXXIV	Main Author alongwith S.S. Mantha	

	Comprehensive Review	No.10, October 2005, pp34-37.		
25.	Implementation of Group Layout And Capacity Planning In A Jewellery Industry – A Case Study	Industrial Engineering Journal, Vol.XXXIV No.2, February 2005, pp.19-25.	Main Author alongwith A.R. Shinde and S.S. Mantha	
26.	Productivity Improvement Through Systematic Re-Layout Planning: A Case Study	Industrial Engineering Journal, Vol.XXXII No.7, July 2003, pp.7-13.	Main Author alongwith Salil Sansare	
27.	Productivity Improvement Through Defect Analysis of Wire Rod Mill – A Case Study	Industrial Engineering Journal, Vol.XXXII No.11, November 2003, pp.21-23.	Co-Author alongwith Shaheen Zainuddin	

#### Details of Scientific Conference Participation:

International Conferences (15)					
Sr. No.	Title of Paper	Name of Conference	Place/Date	Organizing Society/ Institute	Remarks, if any
01.	Modelling the critical risk factors causing accidents at the construction sites of oil and gas projects	17 <sup>th</sup> APIEMS Conference	Howard Plaza Hotel, Taipei, Taiwan December 7-10, 2016	APIEMS National Taiwan University of Science & Technology (Taiwan Tech),	
02.	Adoption of Manufacturing Strategy Practices	The 5th Institute of Industrial Engineers Asian Conference (IIEAsia2016)	University of Hongkong July 21-22, 2016	City University of Hong Kong, Hong Kong University of Science and Technology, Lingnan University, The Chinese University of Hong Kong, The Hong Kong Polytechnic University, The University of Hong Kong	
03.	Qualitative Risk Analysis in Product Development	8 <sup>th</sup> International Conference on progress in Production, Mechanical and	Goa July 5, 2015		

		Automobile Engineering			
04.	Status of implementation of Lean manufacturing principles in the context of Indian industry: A Literature Review	5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014)	IIT Guwahati, Assam, India. December 12–14, 2014	IIT Guwahati, Assam, India	
05.	Investigations on Service and Effectiveness of Reverse Logistics of Consumables and Materials	2 <sup>nd</sup> International Conference on Industrial Engineering-2013	SVNIT Surat. November 20-22, 2013	SVNIT Surat in association with Indian Institution of Industrial Engineering	Co-Author alongwith S.U. Bokade and D.N. Raut
06.	Optimum Design and Analysis of Riser for Sand Casting	2013 IEEE International Conference on Industrial Engineering and Engineering Management	Bangkok, Thailand. December 10-13, 2013	IEEE	Also published on IEEEXplore
07.	Identification of Critical Risk Factors for Nuclear Power Projects in India using Risk FMEA	4 <sup>th</sup> IIMA International Conference on “Advanced Data Analysis, Business Analytics and Intelligence”	Indian Institution of Management, Ahmedabad April 11-12, 2015	Indian Institution of Management, Ahmedabad	--
08.	Cloud Computing: Emerging Enterprise Resource Planning Solution for Small and Medium Enterprises	1 <sup>st</sup> International Conference on Best Practices in SCM (BPSCM-2012)	Shiksha ‘O’ Anusandhan University Bhubaneswar. November 22-23, 2012	Shiksha ‘O’ Anusandhan University Bhubaneswar in association with Indian Institution of Industrial Engineering.	--
09.	A Framework for Strategic Sourcing and Supply Chain Performance	1 <sup>st</sup> International Conference on Best Practices in SCM (BPSCM-2012)	Shiksha ‘O’ Anusandhan University Bhubaneswar. November 22-23, 2012	Shiksha ‘O’ Anusandhan University Bhubaneswar in association with Indian Institution of Industrial Engineering.	--

10.	A Novel Algorithm for Machine Cell Formation to Enhance Agility of Manufacturing Supply Chain	1 <sup>st</sup> International Conference on Best Practices in SCM (BPSCM-2012)	Shiksha 'O' Anusandhan University Bhubaneswar. November 22-23, 2012	Shiksha 'O' Anusandhan University Bhubaneswar in association with Indian Institution of Industrial Engineering.	--
11.	Multivariate Statistical Techniques: An advanced tool in Statistical Decision Making	1 <sup>st</sup> International Conference on Best Practices in SCM (BPSCM-2012)	Shiksha 'O' Anusandhan University Bhubaneswar. November 22-23, 2012	Shiksha 'O' Anusandhan University Bhubaneswar in association with Indian Institution of Industrial Engineering.	--
12.	Paradigm for education Leadership in changing World	International Conference on Paradigm for Global Challenges and Opportunities: Vision-2025	NIMHANS Convention Centre, Bangalore during 30 <sup>th</sup> -31 <sup>st</sup> October 2012.	Indian Institution of Industrial Engineering	
13.	Integration of assembly operation with system Poka-Yoke through data base management System	International Conference on Agile Manufacturing	IIT(BHU), Varanasi. December 16-19, 2012.	IIT(BHU), Varanasi in association with International Society of Agile Manufacturing (USA) and International Society for Productivity Enhancement (USA)	--
14.	Finite Element Simulation of Temperature Distribution during Solidification in Cylindrical sand Casting with Experimental Validation	4th International & 25th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2012)	Jadavpur University, Kolkata December 14-16, 2012	Jadavpur University, Kolkata	Co-Author alongwith C.M. Choudhari and S.K. Mahajan
15.	An Empirical Investigation Of The Impact Of It-Enabled Supply Chain On Performance Of The	International Conference On Issues & Challenges In	Institute of Technology, Banaras Hindu University,	Institute of Technology, Banaras Hindu University,	Main Author alongwith S.S. Mantha

	Organization: A Case Study	Supply Chain Management	Varanasi (INDIA). March 28 <sup>th</sup> -30 <sup>th</sup> ,2008	Varanasi (INDIA).	
(i) <b>National Conferences</b> (10)					
Sr. No.	Title	Name of Conference	Place/Date	Organizing Society/Institute	Remarks, if any
01.	A hybrid approach for casting process simulation by combining FEM and VEM for defect minimization with experimental validation	62nd Indian Foundry Congress	Ahmedabad, India February 7-9, 2014	The Institute of Indian Foundrymen	
02.	Paradigm for education Leadership in changing World	International Conference on Paradigm for Global Challenges and Opportunities: Vision-2025	NIMHANS Convention Centre, Bangalore October 30-31, 2012	Indian Institution of Industrial Engineering	Co-Author alongwith Bhaskar Bhandarkar
03.	Key Skills for Business Performance of SMEs	National Conference on Business Strategies for Emerging Market (DIMENSIONS-2011) organized by, pp.300-307	Sinhgad Institute of Business Administration and Computer Application, Lonavala, Pune January 25-27, 2011	Sinhgad Institute of Business Administration and Computer Application, Lonavala, Pune	Co-Author alongwith R.S. Nehete and S.K. Mahajan
04.	Industrial Sickness: Concept, Causes, Consequences and Remedial Measures	12th CEOs Conference of Indian Institution of Industrial Engineering	Manali, May 22-25, 2009	Indian Institution of Industrial Engineering	
05.	Socio-Economic Development Of India Through Science And Technology Entrepreneur's Park	XXXI Indian Social Science Congress, SNDDT Women's University, Mumbai	SNDDT Women's University, Mumbai, December 27 <sup>th</sup> - 31 <sup>st</sup> , 2007	SNDDT Women's University, Mumbai and Dr Ambedkar Institute for Social and Economic Change	

06.	Factors Affecting Total Productivity & Quality Management: A Primary Study of Precious Metal Alloys Machine Cast Jewellery Manufacturing Units in India	National Conference on Business Optimization Research Wave	NITIE Mumbai February 15-17,2007	NITIE Mumbai and IIT Mumbai	--
07.	Business Process Reengineering: A Strategic Tool for Total Productivity and Quality Management (TPQM) and its relevance with Jewellery manufacturing	National Conference on 'Management of Emerging Sectors-New Paradigms & Perspectives'	BIET, Davangere, April 15-16,2005	BIET, Davangere, India	--
08.	Investment Casting: An Advanced Manufacturing Technology For Diamond Studded Yellow-Gold Jewellery	16 <sup>th</sup> National Conference of Mechanical Engineers and All India Seminar on Future Trends in Mechanical Engineering, Research & Development	University of Roorkee, September 29-30, 2000	University of Roorkee	--
09.	Solid Particle Erosion of Thermal Sprayed Wear Resistant WC-12% Co Coatings	16 <sup>th</sup> National Conference of Mechanical Engineers and All India Seminar on Future Trends in Mechanical Engineering, Research & Development	University of Roorkee, September 29-30, 2000	University of Roorkee	--
10.	HVOF Deposited WC-12% Co Coating on Ti-Alloy for Improved Erosion Resistance	2 <sup>nd</sup> International Conference on Industrial Tribology	Hyderabad, India Dec.1-4,1999	Tribology Society of India	--

**Details of Research Project Awards:**

Sr. No.	Title of Research Project	Principal investigator/ Co investigator	Funding Agency	Amount Sanctioned	Present Status	Remarks, if any
01.	Modernization of the Metrology & Quality Control Laboratory	Principal Investigator	AICTE	Rs 19,50,000	Completed	UC submitted to AICTE
02.	National Conference on Challenges and opportunities for Production and Industrial Engineering	Coordinator	AICTE	Rs 2,00,000	Completed	UC submitted to AICTE
03.	Research Promotion Scheme on Modelling and Simulation of Metal Castings	Principal Investigator	AICTE	Rs 15,93,334	Completed	UC submitted to AICTE

**Details of Patents or IPR (02):**

Sr. No.	Brief Description of Patents/IPR	Patent Registration No.	Remarks, if any
01.	Image Acquisition Device for Spur Gears	267711 vide Certificate No.39811 dated 21.07.2015 issued by Controller General of Patents, Designs and Trade Marks, Govt of India	Design registered for 10 years from the date of registration (26.11.2014), can be extended for further period of 5 years
02	Helmet	286362	Published on 02.12.2016

**Details of Summer/Winter Schools Attended (33)**

Sr. No.	Details of Course	Duration		Organized by
		From	To	
01.	AICTE approved STC on "Big Data Analytics"	10.05.2017	19.05.2017	VJTI Mumbai
02.	AICTE approved STC on "Research Methodology"	04.03.2017	09.03.2017	VJTI Mumbai
03.	AICTE approved one week Short Term Course on "Industrial Tribology"	07.12.2015	11.12.2015	VJTI Mumbai
04.	5-Day Faculty Development Program on "Project Management"	11.02.2015	15.02.2015	National Institute of Industrial Engineering, Mumbai

05.	AICTE approved one week Short Term Course on “Fault Diagnosis of Rotating Machines and Finite Element Analysis”	05.01.2015	09.01.2015	VJTI Mumbai
06.	One day workshop on “Best Practices in Outcome Based Design of Curriculum-Production Engineering”	21.08.2014	21.08.2014	SPFU Maharashtra State, TEQIP Office and SGGS IE&T Nanded
07.	Workshop on “NBA’s Outcome Based Accreditation”	07.06.2014 & 25.06.2014	27.06.2014	NMIMS Mumbai, NBA Nodal Center at KJ Somaiya College of Engg Mumbai
08.	Two day workshop on “Success at Work through Emotional Intelligence”	21.05.2014	22.05.2014	Confederation of Indian Industry (CII)
09.	CEP Workshop on “Industrial Engineering for National Development”	05.04.2014	06.04.2014	Indian Institute of Technology, Bhubaneswar
10.	Management Development Program on “Value Creation Through Operations Strategy”	12.03.2014	15.03.2014	Indian Institute of Management, Calcutta
11.	Two days “Practice Leaders Forum”	23.12.2013	24.12.2013	NITIE Mumbai & POMS USA
12.	AICTE sponsored one week Short Term Course on “Advanced Machine Design”	02.12.2013	06.12.2013	VJTI Mumbai
13.	Management Development Program on “Project Management”	16.09.2013	20.09.2013	Indian Institute of Management, Indore
14.	TEQIP sponsored one week Faculty Development Program on “Project Management Tools & Techniques”	22.08.2013	26.08.2013	VJTI Mumbai in association with PMI
15.	10 week Faculty Development Program in Management	22.04.2013	28.06.2013	Indian Institute of Management, Indore
16.	TEQIP sponsored one week Faculty Development Program on “Recent Trends in Finite Element Method & Introduction to Boundary Element & Mesh-free Method”	18.02.2013	22.02.2013	VJTI Mumbai



17.	CEP Course (under QIP) on “Rapid Prototyping & Manufacturing”	26.02.2013	28.02.2013	Indian Institute of Technology, Bombay
18.	One day Orientation Workshop on “Outcome Based Accreditation Process and Parameters”	04.11.2012	04.11.2012	NBA at VJTI Mumbai
19.	AICTE sponsored one week QIP Short Term Course on “TRIZ and Taguchi methods using Innovation and Optimization”	11.08.2012	16.08.2012	Indian Institute of Technology, Bombay
20.	TEQIP sponsored one week Staff Development Program on “Industrial Engineering Tools & Techniques”	12.03.2012	16.03.2012	VJTI Mumbai
21.	Two week ISTE Workshop on “Introduction to Research Methodologies”	25.06.2012	04.07.2012	Indian Institute of Technology, Bombay under National Mission on Education through ICT (MHRD)
22.	TEQIP sponsored one week Short Term Training Program on “Performance Based Design of Structures”	22.03.2012	26.03.2012	VJTI Mumbai
23.	Two week ISTE Workshop on “Heat Transfer”	29.11.2011	10.12.2011	Indian Institute of Technology, Bombay under National Mission on Education through ICT (MHRD)
24.	AICTE sponsored one week Staff Development Program on “Advances in the Manufacturing and Micromachining Techniques”	14.11.2011	18.11.2011	VJTI Mumbai
25.	MHRD/AICTE sponsored Short Term Course “Planning & Managing Human Resources: Tools & Techniques”	24.10.2011	07.11.2011	Indian Institute of Technology, Kharagpur
26.	ISTE approved one week Short Term Training on “Computer Aided Design and Drafting Tools”	15.02.2011	19.02.2011	Agnel Polytechnic, Vashi
27	Executive Education Program on “Creativity	17.11.2008	21.11.2008	Indian Institute of Management, Bangalore

	Reinvention of Self Development”			
28.	07- Saturdays Faculty Development Program on “Build People to Build the Institute”	01.09.2008	03.11.2008	VJTI Mumbai in association with Lifeskill Education Academy
29.	Staff Development Program on “Student Counselling & Evaluation” and “Administrative & Managerial Skills”	16.04.2007	21.04.2007	National Institute of Technical Teachers’ Training and Research Bhopal
30.	ISTE approved Short Term Training Program on “Eco Friendly”	18.12.2006	30.12.2006	M.H. Saboo Siddik College of Engg, Mumbai
31.	One day Workshop on “Quality Management Tools & Systems for meeting Customer requirements”	25.02.2005	25.02.2005	PSG College of Technology, Coimbatore
32.	04 weeks winter school program (QIP) on “E-Commerce & Industrial Finance”	14.11.2003	12.12.2003	VJTI Mumbai
33.	04 weeks winter school program (QIP) on “Internet Technology”	02.12.2002	28.12.2002	VJTI Mumbai

**Details of Books/Journals Published:**

Sr. No.	Title of Book/Journal	Publisher	Main Author or co-author	Remarks, if any
01.	Industrial Engineering Journal ISSN: 0970-2555 (Monthly Publication)	Indian Institution of Industrial Engineering	Chief Editor	Editing from 2009 to till date
02.	Proceedings of the 57 <sup>th</sup> National Convention of Indian Institution of Industrial Engineering & 3 <sup>rd</sup> International Conference on Industrial Engineering (ICIE-2015) ISBN:978-93-84935-56-6	Excellent Publishing House, New Delhi	Editor alongwith Dr Ravi Kant (SVNIT), Dr T.N. Desai(SVNIT) & B.M. Bhandarkar(IIIE)	November 26-28, 2015

**Details of Awards and Honours conferred:**

Sr. No.	Name of Award	Awarding Organization	Year	Description of Work Recognized	Remarks, if any
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01.	Prof. Ramaswamy Cup	Indian Institution of Industrial Engineering	Oct 2016	In recognition of substantial contribution in Industrial engineering research	Second highest award of IIE at National Level. This award has been constituted in honour of Prof . N.S. Ramaswamy (Former Director NITIE, IIM Bangalore)
02.	Secondment of Indian Faculty to Asian Institute of Technology Bangkok for one semester starting from January 4, 2016	MHRD Govt of India	July 28,2015	For teaching the subject of “Inventory and Logistics Management”	
03.	IBC’s Top 100 Engineers 2014	International Biographical Centre, Cambridge, England	28.11.2014	Significant enough contribution in the field of engineering to engender influence on a local, national or international basis.	
04.	Coal-India Productivity award (2012-13)	Indian Institution of Industrial Engineering	25.10.2013	Outstanding performance in productivity through application of industrial engineering techniques.	
05.	Fellowship award	Indian Institution of Industrial Engineering	16.12.2011	In recognition of outstanding contribution to the promotion of Industrial Engineering Profession	
06.	Excellence in Teaching award	VJTI Mumbai	07.09.2011	For excellence in teaching as per students feedback during the academic year 2010-11	
07.	Dr S.R. Gollapudi award (2009-10)	Indian Institution of Industrial Engineering	26.11.2010	Dynamic & Service oriented leadership, Academic Excellence in Industrial Engineering.	

08.	Best Paper Award	Indian Institution of Industrial Engineering	25.09.2004	Research paper entitled "Productivity Improvement Through Systematic Re-layout Planning: A Case Study" published in Industrial Engineering Journal, Vol.XXXII No.7	
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**Details of Conference/Seminar/Winter Summer Schools/Training Organized (13)**

Sr. No.	Title of Course	Organizing Institute	Duration Period of Course	Capacity in which involved
01.	AICTE sponsored one week STC on "Project Management for National Development"	VJTI Mumbai	05.02.2017 to 10.02.2017	Course Coordinator
02.	Profestia-2015 (started Annual event for Project Management students)	VJTI Mumbai	November 20-21, 2015	Convener
03.	National Level PhD Colloquium for Research Scholars	VJTI Mumbai	17-18 <sup>th</sup> March 2015	Convener
04.	AICTE sponsored one week Faculty Development Program on "Fundamentals of Project Management"	VJTI Mumbai	24.02.2015 to 28.02.2015	Course Coordinator
05.	One week AICTE sponsored Faculty Development Program on "Foundry Technology"	VJTI Mumbai in association with IIIE	22.12.2014 to 26.12.2014	Course Coordinator
06.	TEQIP sponsored one week Faculty Development Program on "Research Methodology"	VJTI Mumbai	03.02.2014 to 07.02.2014	Course Coordinator
07.	AICTE sponsored National Conference on Challenges & Opportunities for Production & Industrial Engg	VJTI Mumbai in association with PMI, NITIE, IIIE, MANIT Bhopal, SVNIT Surat, SOA University & NMIMS Mumbai	16.01.2014	Conference Coordinator
08.	TEQIP sponsored one week Staff Development Program on "Project Management for IT & ITeS Industry"	VJTI Mumbai in association with PMI, NITIE, IIIE & NMIMS	12.01.2014 to 16.01.2014	Course Coordinator

09.	AICTE sponsored one week Short Term Course on “Emerging Trends in Project Management”	VJTI in association with IIIE	21.10.2013 to 25.10.2013	Course Coordinator
10.	TEQIP sponsored one week Faculty Development Program on “Project Management Tools & Techniques”	VJTI in association with PMI	22.08.2013 to 26.08.2013	Course Coordinator
11.	National Level Doctoral Consortium for Research Scholars	VJTI Mumbai in association with Indian Institution of Industrial Engg, Shiksha ‘O’ Anusandhan University Bhubaneswar & Educ-Asia Ltd	11.01.2013	Convener
12.	National Level Doctoral Consortium for Research Scholars	VJTI Mumbai	16.03.2012	Convener
13.	TEQIP sponsored one week Staff Development Program on “Industrial Engineering Tools & Techniques”	VJTI Mumbai	12.03.2012 to 16.03.2012	Course Coordinator

**Details of contribution in Industrial/ Institutional testing and consultancy:**

- Study in respect of Form Fill Seal machine (M/s New Kamath Tobacco Co. Pvt. Ltd, Mumbai dated 17.12.2015)
- Consultancy on estimation of cost of furniture items (Maharashtra Small Scale Industries Development Corporation Ltd Mumbai dated 20.05.2015)
- Study in respect of Packaging machines used by the manufacturers of demerit goods (K.S. Nautiyal Additional Commissioner central Excise, Thane-II dated 17.07.2014)
- Technical Checking of Design and Drawing of Trailers (M/s Mittal Ispal dated 16.10.2012, M/s Tejas Polymers & Engg dated 22.10.2012, m/s Motor & General Sales Ltd dated 20.11.2012, M/s Excel Engfab (India) Pvt Ltd dated 22.11.2012, M/s Reshamsingh & Co. Pvt Ltd dated 21.12.2012, M/s Reshamsingh & Co. Pvt Ltd dated 07.01.2013, M/s Sonu Infrastructures Pvt Ltd dated 18.02.2013, M/s Namakkal Transport carriers Pvt Ltd dated 18.02.2013, M/s Vijay Laxmi Engineering Works dated 25.02.2013)
- Industrial Engineering Expert on High Power Advisory Committee on Continuous/Non-continuous process industries in “Directorate of Industries, Mantralaya, Government of Maharashtra, Mumbai” vide Letter No.DI/Power policy/20/meeting/2007 dated 30th April 2007.
- Expert for establishment of Centre of Excellence under Skill Education Ministry, Govt of Maharashtra vide their letter dated October 19, 2015

**Contribution in Institutional administration and development works:**

1. Served as “**Associate Dean (Infrastructure Maintenance)**” from 03.05.2017 to 25.09.2017.
2. Started M.Tech.(Project Management) program at VJTI from 2013-14 and Served as “**Program Coordinator**” for M.Tech.(Project Management) from 2013-14 to 28.09.2017.
3. Served as Member, PhD affairs committee from 2011 to 28.09.2017.
4. Served as PhD Coordinator, Production Engg Dept since 2009 to 2017
5. Served as Member, VJTI Library Committee from April 2013 to Sept 2017.
6. Served as Member, VJTI Hostel Advisory Committee from May 2017 to August 2017.
7. Served as Member, Institute Level Committee for scrutinizing proposals for deputing faculty for attending International & National Conferences from 08.06.2012 to 28.09.2017.
8. Served as “**Associate Dean (Resource Mobilization & Finance)**” from 05.05.2015 to 03.01.2016.
9. Assisted Dean(AP) for all preparations of NBA Expert Committee visit during September 11-12, 2015
10. Organized Technical Lecture Series under Campus Outreach Program of L & T during February 20-21, 2015 for students of Electrical, Computer and IT
11. Served as an “**Academic Activities Coordinator**” in the office of Dean (Academic Programs) from 14.08.2014 to 04.05.2015
12. Served as **HoD, Production Engineering** w.e.f. 1<sup>st</sup> August 2012 to 31<sup>st</sup> July 2014.
13. Introduced awards for topper students in the subject of Industrial Engg for BTech(Production Engg) from the academic year 2011-12 through the financial grant from Indian Institution of Industrial Engineering
14. Introduced awards for topper students in the subject of World Class Manufacturing for MTech(Production Engg) from the academic year 2011-12 through the financial grant from Indian Institution of Industrial Engineering
15. Served as Institute Level Coordinator for B.Tech. Admissions during 2012-13
16. Served as Institute Level Coordinator for M.Tech. Admissions during 2013-14
17. Served as Institute Level Coordinator for PhD Admissions during 2015-16
18. Served as an “Officer on Special Duty” at Directorate of Technical Education, Government of Maharashtra, Mumbai (on Deputation) from 04/12/2008 to 31.05.2011. He was solely responsible for policy making and effective implementation of it for admission to professional courses like Engineering, MBA, MCA, M.Pharm., Architecture, Pharmacy, HMCT courses in the entire state of Maharashtra.
19. Served as Additional Controller of Examinations at VJTI Mumbai from 10<sup>th</sup> April 2008 to 14<sup>th</sup> July 2008.
20. Has been a part of committee for the recruitment of Assistant Professor (contract) in the department since 2011-12 to 2016-17.
21. Served as a Member of Academic Council of the Institute from 2012 to 2014
22. Developed Casting Simulation Laboratory under RPS Grants of AICTE
23. Developed Industrial Engineering Laboratory under Institute/TEQIP Grants
24. Modernized Metrology Laboratory under MODROB Grants of AICTE/TEQIP Grants
25. Served as a Convener, Sixth Pay Fixation Committee at VJTI (Ref.No. Dir/6<sup>th</sup> Pay/12 dated May 7, 2012
26. Served/Serving as Member, RPC for following PhD candidates in Production/Mechanical Engg Dept: (M.D. Nadar, Ramesh Lekurwale, Sanjay Bokade, H.P. Khairnar, A.S. Rao, R.O. Bhagwat, Atul Meshram, Keshav Valase, Ankush Gajbhiye, Sangita Bansode, etc)

### **Extension and Field Out-reach Activities:**

#### **Invited Lectures delivered:**

1. Delivered an Expert Lecture on, ‘Importance of Industrial Safety Management’, during 51<sup>st</sup> National Convention of Indian Institution of Industrial Engineering, December 4-5, 2009, Shri Ramdeobaba Kamla Nehru Engineering College, Nagpur, India.

2. Delivered a Lecture on “Sankalp Harit Paryavaranacha 2012” at Jalgaon Janata Sahakari Bank Ltd, Fort Mumbai on January 17, 2012.
3. Delivered a Special lecture on “Fundamentals of Industrial Engineering” at Techno India NJR Institute of Technology, Udaipur on 27<sup>th</sup> September 2014
4. Delivered an invited talk on “World Class Manufacturing” in the TEQIP-II sponsored STTP on “Advanced Quality Engineering Techniques” organized by SVNIT Surat during August 4-8, 2014

**Conference Chair/ Member Expert Panel:**

1. Session Chairman during 17<sup>th</sup> APIEMS International Conference at Howard Plaza Hotel, Taipei, Taiwan during December 7-10, 2016.
2. RRC Member, General Engineering, ICT Mumbai from 2016 vide their letter No. Ref.ICT/ACAD/THR/551 dated 26.04.2016
3. External Member, Board of Studies Industrial & Production Engineering at SGSITS, Indore (Autonomous Institute of Govt of Madhya Pradesh) w.e.f. 01.01.2016 to 31.12.2017 (Ref. Letter No.Regr./BO2016/3661-7 dated 01.01.2016)
4. Advisory Board Member, International Conference on “TRANSFORMATION FOR BUSINESS SUSTAINABILITY: ISSUES AND STRATEGIES” organized by School of Management Studies, Kongu Engineering College, Erode, Tamilnadu during 26<sup>th</sup> and 27<sup>th</sup> February, 2016
5. Jury Member, PACMACHINE AWARDS 2014-15 organized by Indian Institute of Packaging Mumbai (An Autonomous Body under the Aegis of Ministry of Commerce and Industry, Govt of India) on April 21, 2015
6. Co-Convener, 3<sup>rd</sup> International Conference on Industrial Engineering & 57<sup>th</sup> National Convention of Indian Institution of Industrial Engineering(IIIE) organized by SVNIT Surat in association with IIIE during November 26-28, 2015
7. Session Chairman, Product and Process Innovations, 3<sup>rd</sup> International Conference on Industrial Engineering & 57<sup>th</sup> National Convention of Indian Institution of Industrial Engineering(IIIE) organized by SVNIT Surat in association with IIIE on November 26, 2015
8. Session Chairman, The 19<sup>th</sup> CEOs Conference organized by Indian Institution of Industrial Engineering in association with Production & Operations Management Society (POMS) and IIM Shillong at Hotel Holiday Inn, Dubai during October 8-11, 2015
9. Co-Chairman, The 19<sup>th</sup> CEOs Conference organized by Indian Institution of Industrial Engineering in association with Production & Operations Management Society (POMS) and IIM Shillong at Hotel Holiday Inn, Dubai during October 8-11, 2015
10. Expert for Subject Audit, Production Engg, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai (Ref. CRCE/2015/283 dated May 16, 2015)
11. Expert for Selection of candidates for admission to PhD in Mechanical Engg at Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai (Ref. Letter dated 19.09.2015)

12. Expert, Research Symposium for PhD Scholars organized by SGGGS Institute of Engg & Tech Nanded during 30.01.2015 (Ref No. SGGSIET/PhD symposium/Prod/2014-15/3963 dated 20.01.2015)
13. Conference Co-Chair, National Conference on Industrial Engineering and Technology Management organized by NITIE Mumbai in association with Indian Institution of Industrial Engineering during October 29-31, 2014
14. Member, Steering Committee, The 18<sup>th</sup> CEOs Conference organized by Indian Institution of Industrial Engineering at Fariyas Resort, Lonawala during July 4-6, 2014
15. Session Chairman during 3<sup>rd</sup> International Conference on Supply Chain Management (BPSCM-2014) organized by Indian Institution of Industrial Engineering Udaipur Chapter on 28.09.2014
16. Session Chairman during International Conference on 'Ecofriendly Technologies for Sustainable Growth' organized by M.H. Saboo Siddik College of Engg, Mumbai on 28.03.2014
17. Session Chairman during 2013 IEEE International Conference on Industrial Engineering and Engineering Management at Bangkok, Thailand, December 11-13, 2013.
18. Organizing Secretary, The 17<sup>th</sup> CEOs Conference organized by Indian Institution of Industrial Engineering at Radisson Blu Hotel, Amritsar during June 21-23, 2013
19. Session Chairman, Decision Analysis, Systems Modeling and Simulation Methods, during 2<sup>nd</sup> International Conference on Industrial Engineering organized by SVNIT Surat on 20.11.2013
20. Member, International Advisory Committee, 2<sup>nd</sup> International Conference on Industrial Engineering organized by SVNIT Surat during November 20-22, 2013.
21. Session Chairperson during 55<sup>th</sup> National Convention of IIIE & International Conference on 'Managing Supply Chain for global competitiveness' organized at Shri Ramdeobaba College of Engineering & Management, Nagpur on 25.10.2013
22. Session Chair during 1<sup>st</sup> International Conference on Supply Chain Management organized by SOA University, Bhubaneswar on 22.11.2012
23. Session Chair in International Conference SPICON 2012, at Sardar Patel College of Engineering Mumbai on 02.06.2012
24. Subject Expert on All India Board of Management Studies under AICTE vide F.No.453-1/AIB-MGT/2009 dated 17.12.2009
25. Member, Board of Studies Industrial Engineering at Shri Ramdeobaba College of Engineering & Management Nagpur for 2015-16 & 2016-17 (Ref. Letter dated 09.05.2015)
26. Member, Board of Studies Industrial & Production Engineering at Vishwakarma Institute of Technology (VIT), Pune w.e.f. 01.07.2013 (Ref. Letter No.VI/DA/12-13/64 dated 01.07.2013)
27. Expert on the Research & Recognition Committee in Production Engineering at Sant Gadge Baba Amravati University (Ref. No. SGBAU/PhD/64/2013 dated 01.04.2013)



28. Member, Committee to scrutinize Bogus Institutes as per AICTE in the State of Maharashtra (Ref. No.2/NGC/2013/822 dated 4<sup>th</sup> July 2013)
29. Member, Committee for issues related to Centralized Admission Process constituted by DTE (Ref.No.2A/ADM/2012/1520 dated 12.07.2012)
30. Member, Committee for approval of ARCs for Centralized Admission Process for Engineering, Pharmacy under Directorate of Technical Education for 2012-13 (Ref No.2A/ADM/2012/979 dated 17.05.2012)
31. External Referee for evaluation of posters based on research in engineering field and models prepared by M.E./Ph.D. students in University Level Research Festival (Avishkar 2011) at North Maharashtra University, Jalgaon on 28<sup>th</sup> & 29<sup>th</sup> December 2011.
32. Member, Committee for preparation of rules for Centralized Admission Process for Engineering, Pharmacy under Directorate of Technical Education for 2009-10 (Ref No.2A/ADM/Meeting/2008/2991 dated 20.11.2008)

**Member Editorial Board:**

1. Presently serving as Chief Editor for Industrial Engineering Journal from 2009 to till date (Ref. No. IIIE/NC/2009 dated 20.01.2009)
2. Engineering Management Research Journal published by Canadian Center of Science and Education
3. International Journal of Applied Industrial Engineering published by IGI-Global Publishers USA

**Research Articles Reviewed for :**

1. Benchmarking-An International Journal (Emerald Publishers)
2. Journal of Engineering Manufacture (SAGE Publications)
3. International Journal of Sustainable Economy (Inderscience Publishers)
4. Journal of Entrepreneurship in Emerging Economies (Emerald Publishers)
5. International Journal of Operational Research (Inderscience publishers)
6. Industrial Engineering Journal (Indian Institution of Industrial Engineering)
7. International Journal of Applied Industrial Engineering (IGI-Global)
8. International Journal of Business and Information (International Business Academics Consortium (IBAC), Taiwan)
9. Advanced Mechanical Engineering Journal (SAGE Publishers)
10. AICTE sponsored National Conference on Challenges & Opportunities for Production & Industrial Engg at VJTI Mumbai on 16.01.2014
11. International Conference on 'Ecofriendly Technologies for Sustainable Growth' organized by M.H. Saboo Siddik College of Engg, Mumbai during March 27-28, 2014
12. National Conference on Emerging Trends in Engineering organized by M.H. Saboo Siddik College of Engineering Mumbai during 04.01.2013 to 05.01.2013

**Foreign Universities visited:**

- Asian Institute of Technology, Bangkok
- Thammasat University, Bangkok
- Chulalongkorn University, Bangkok
- University of Hongkong
- Hongkong University of Science & Technology, Hongkong
- University of Macau, Macau
- National Tsing Hua University, Taipei
- National Taiwan University of Science & Technology, Taipei
- Manchester University U.K.
- Liverpool University, U.K.
- Cardiff University, U.K.
- Nottingham University, U.K.
- London School of Social Science, U.K.

**Membership of Professional Societies:**

<b>Sr. No.</b>	<b>Name of Society</b>	<b>Membership No.</b>	<b>Current Status of Membership</b>	<b>Year of Commencement</b>	<b>Remarks, if any</b>
01.	Indian Institution of Industrial Engineering	LF 8717	Life Fellow Member	2004	Vice-Chairman National Council (2015-16, 2011-12, 2010-11) and Hon. Secretary National Council (2013-14), Chairman, Mumbai Chapter (2009 to 2016) and Chief Editor Industrial Engineering Journal (2009 to till date)
02.	Indian Society for Technical Education	LM 32600	Life Member	2000	-
03.	Society of Operations Management	LM 089	Life Member	11.10.2004	
04.	Tribology Society of India	LM 3484	Life Member	1999	
05.	Indian Society for Non Destructive Testing	LM 6439	Life Member	26.06.2003	
06.	Higher Education Forum	HEF/LM/658	Life Member	13.03.2015	