

Dr. Sanjay Bokade

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Date of Birth: 25 – 06 -1969
Experience: 26 Years

- Employment** : **Principal In-Charge**, Rajiv Gandhi Institute of Technology, Mumbai
- Recognitions** : **Professor** in Mechanical Engineering, RGIT, Mumbai
- : **Member Board of Studies**– University of Mumbai
- : Approved teacher for Undergraduate and Post Graduate courses in Mechanical Engineering of University of Mumbai
- : Approved teacher for Ph.D. Degree in Mechanical Engineering of University of Mumbai
- : **National Council Member**, Indian Institution of Industrial Engineering, Mumbai
- : **Chairman**, Indian Institution of Industrial Engineering, Mumbai Chapter

Awards

- **IIIE Special Award–2017** in recognition of substantial contribution and promotion of Industrial Engineering as a professional at Chapter level and National level by Indian Institution of Industrial Engineering during its Diamond Jubilee Convention and International Conference on Industry 4.0 paradigm on 29th September 2018 at Institute of Technical Education & Research auditorium, Jagamara Khandagiri at Bhubaneswar.
- **Best paper award** at Veermata Jijabai Technological Institute Mumbai on National Science Day organized by VJTI, Mumbai on 29th Feb 2012.

Carrier Highlights

- Published more than 20 papers and delivered technical talks.
- Worked for NBA accreditation in 2014 (SAR submission) and 2016 (Submitted Pre-Visit Qualifier), July 2017 (Submitted Compliance) and February 2018 (Committee Visit)
- Visiting Faculty at Don Bosco Institute of Technology, Mumbai
- Worked for all India Examinations as Observer for center as Dy-Presiding Officer.
- Coordinated Conferences, Faculty Development Programs, Workshops.
- Convener for Alumni Association of RGIT for a period five years.
- Convener for Students affair Committee for a period of three years.
- Worked as Hostel Warden
- Worked as Examination Section In-charge.

Educational Background

Name of Course	Name of Institute/University	Year	Division
Ph.D. (Technology) Production Engg.	Veermata Jijabai Technological Institute, Mumbai An Autonomous Institute: University of Mumbai	2014	
M.E. (Production) Manufacturing Tech.	Fr. Conceicao Rodrigues College of Engineering University of Mumbai.	2002	First
B.E. (Production)	Prof. Ram Meghe Institute of Technology & Research Sant Gadge Baba University Amravati	1991	First
H.S.C.	Maharashtra State Board of Secondary and Higher Secondary, Nagpur Board.	1987	First

Work Experience: 26 Years		
Name of Institute	Period	Designation
Rajiv Gandhi Institute of Technology, Mumbai	July 2017 – Till Date	Professor & Head Mechanical Engineering
	July 2015 – June 2017	Associate Professor & Head Mechanical Engineering
	January 2010 – June 2015	Assistant Professor Mechanical Engineering
	July 2006 – January 2010	Senior Lecturer Mechanical Engineering
	July 1995 – July 2006	Lecturer Mechanical Engineering
Shri Sant Gadge Baba Polytechnic, Bhusawal.	Dec 1992 – June 1995	Lecturer Mechanical Engineering

PH D Thesis

- **Investigations of factors influencing return handling of products in a supply chain by the paradigm of Reverse Logistics** as topic of research during Ph.D.

ME Dissertation

- **Reengineering of the electrical contractors assembly line at its front assembly work station**, project work carried out at **Larsen and Toubro, Powai**, Mumbai, during Master's Degree in Engineering with specialization in Manufacturing Technology

NPTE: Online Courses

- **Sustainability through Green Manufacturing: An applied approach** August – October 2017 with **Elite score**

Research

- **Area of Interest:** Production, Planning and Control, Production Processes, Kinematics of Machinery, Productivity Improvement, Quality Control, Business Process Engineering, Logistics and Supply Chain Management.
- **Research in Progress:**
 - Tool Profile for Friction Stir Welding
 - Quality excellence in automobile industry
 - Bone Scaffolds using different biocompatible Materials
 - Automating the stock taking process of Library
- **Grants:** INR 5,30,000/- from All India Council of Technical Education, New Delhi, Letter Reference No 9-172/Rfid/ModRob/Policy – 1/2016 – 17 Under **MODROBS** for the year 2017/18 for the Modernization of Metrology Lab. Work completed successfully and Utilization submitted.
- **PG Guidance:** 05 Completed (03 in Progress)
- **Ph.D.:** 02 (In progress)

Invited Talks Delivered

- **Bloom's Taxonomy:** RGIT Mumbai, 16th July 2018
- **Research Design and Factor Analysis:** VJTI Mumbai, 11th July 2018.
- **Recent trends in Mechanical Engineering:** Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati, 25th June 2018
- **Inventory Management :** Shivajirao Jondhale College of Engineering, Thane 27th Feb 2018
- **Inventory Control- An Asset ,** on 02nd August 2017 at A P Shah Institute of Technology, Ghoubandar road, Thane
- **Recent Trends in Supply Chain Management,** 04th March 2017 at SLRTCE Mira road Mumbai
- **Production Management,** 10th Oct 2016 at SLRTCE Mira road Mumbai
- **Electrical Discharge Machining at SPCOE Mumbai** on 10th March 2005

Roles And Responsibilities

Current Responsibilities at the Institute	Roles
Department of Mechanical Engineering	Head of the Department
Grievance Committee	Member
Anti-Ragging Committee	Member

Responsibilities at the Institute	Roles
Research and Development Committee	Convener- R & D
Alumni Association	Convener- Alumni Association
Projects of Final Year of Mechanical Engineering	Project Coordinator
Students affair Committee for three academic years	Convener- Students affair
Mechanical Engineering Students Association [MESA].	Faculty Convener- MESA
Society of Automobile Engineers. [SAE].	Faculty Convener- SAE

Conferences/Workshop/STTP- Organized	Roles
Faculty Development Program on, “Recent trends in Manufacturing Practices”. 29 June-3 July 2015	Program Coordinator
“Workshop On Robotics” Arranged by University of Mumbai & CSE, IIT Bombay on 14th & 15th July 2011	Coordinator Group V
STTP on Advances in Thermal Engineering in Association with Reliance Infrastructure Limited Dahanu TPS 2010.	Core Committee member
National Conference on Advances in Mechanical Engineering NCAME 2009	Core Committee member
Workshop on “First Aid Training” in October 2009	Program Coordinator

Interactions with other Institutions	Roles
Diamond Jubilee Convention of Indian Institution of Industrial Engineering (IIIE) and International Conference on Industry 4.0 paradigm – September 2018 in SOA Deemed to be University.	Award Recipient, Delegate
EQUINOX 2018, 4th International Conference on Engineering Confluence at Terna Engineering College, Nerul, Navi Mumbai – September 2018	Technical advisory Board Member
International Conference at SVNIT Surat, December- 2017	Session Chair
National Convention and ICMIE 2017 at JNEC Aurangabad 14-16 Sept 2017	Session Chair, Reviewer
International conference at SLRTCOE Mumbai on March 2017	Session Chair and Guest of Honor
Don Bosco Institute of Technology, Mumbai. Jan 15 to April 15	Visiting Faculty
National Science Exhibition 2016-2017 hosted by CBSE scheduled on 29th December to 31st December	Judge
International Conference ICTSD-2015, DBIT, Mumbai, India	Reviewer
International Journal of Cleaner Production an Elsevier Publication	Reviewer
National Conference NCETET-2011 at SLRTCOE, Mumbai	Session Chair
JEE MAINS 2015, GATE 2011, JEE 2011, ISAT 2011 , ICRB 2011	Observer, Deputy Preceding officer, Deputy Suptd.

Publications: - Journals

- Rahul D Pokale, K. V. Srinivasan, **Sanjay U Bokade**. (2017), Review on Hydraulic Resistance Parameters of Stirling Cryocooler Regenerator, International Journal for Scientific Research & Development| Vol. 5, Issue 06, pp 11 – 13.
- Limbasarkar Prajakta V and **Bokade Sanjay**, (2017), Study of effect on burning rate coefficient of coal Slurry fuel and factors affecting it - A Review, International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 04, Issue 9, pp 213-217
- Amruta R Gokhale , **Sanjay Bokade** , Mr. Shashank Shetty.(2016), Effect of particle-size and air flow rates on the ignition temperature of sub bituminous coal, International Journal of modern Trends in Engineering and Research, Volume 03, Issue 10 pp 89-97.
- Shashank Shetty, **Sanjay Bokade**. Ms. Amruta Gokhale (2016) Waste Heat Recovery on IC Engines Using Organic Rankine Cycle Volume 7, Issue 9, page 1630-1635.
- Humair A.Ansari, **Sanjay U. Bokade**, Chandrakant C.Jadav, (2015), “Optimizing Physical Dimension of Heat Exchanger Using Insert to Improve Its Portability.” International Journal of Science and Research (IJSR) Volume 4 Issue 6, pp 652-657
- Dileep Kanojia, Chinmay Rohekar, Shubhankar Gokhale, **Sanjay Bokade**,(2014),“Design of Automated Outriggers for self-propelled Hydraulic Scissor Lift – A Case Study at Air India, International Journal of Engineering Research and Technology Vol. 3 Issue 5 pp. 18-22
- **Bokade, S. U.** and. Raut, D. N. (2014), “Cost Effectiveness and Service of Reverse Logistics for Parts and Subassemblies: An Empirical Investigation”, International Journal of Engineering Research and Technology Vol. 3 Issue 2 pp 1268-1270.
- **Bokade, S. U.** and. Raut, D. N. (2014), “Flexibility and effectiveness in reverse logistics of product returns in the form of parts and sub-assemblies.”, International Journal of Development Research. March -Vol. 4(2) pp 491-495.
- **Bokade, S. U.** and Raut, D. N. (2013), “Cost effectiveness and Flexibility of Reverse Logistics for Consumables and Raw Material: An empirical investigation”, International Journal of Supply Chain Management. Vol. 2, No. 3, pp 41-46

Publications: - International Conferences

- V.G.Surange, **S.U.Bokade**, S.N.Teli, (2018), Framework for Lean Six Sigma and Knowledge Management to reduce Cost of Quality, International Conference on Industry 4.0 paradigm – September 2018 in SOA deemed to be university.27 – 30 September 2018
- Prajakta Limbasarkar, Amruta Gokhale, **Sanjay Bokade**,(2018), Influence of air flow temperature on Isolated Coal Water/Oil/Methanol Mixture Droplet, Equinox 2018: 4th International Conference on Engineering Confluence at Terna Engineering College, Nerul, Navi Mumbai – 27 – 30 September 2018.
- Limbasarkar Prajakta V and **Bokade Sanjay**, (2017), Study of Single Drop Coal Slurry Fuel Combustion Temperature and Effect on Burning Rate Coefficient, International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017). Veermata Jijabai Technological Institute, Mumbai, 21 -22 Dec 2017
- **Sanjay Bokade**, (2017), Investigations on Process Parameters for High Strength Weld Bead by Shielded Metal Arc Welding, International conference on manufacturing and Industrial engineering, In Association with Indian Institution of Industrial Engineering (IIIE) and MGM’S Jawaharlal Nehru College of Engineering, Aurangabad. 14 – 16 Sept 2017
- **Bokade, S. U.**, Raut, D. N. and Narkhede, B. E., (2013), “Investigations on service and effectiveness of reverse logistics of consumables and materials”, Proceedings of International Conference on Industrial Engineering, ICIE 2013, S.V. National Institute of Technology, Surat, Gujarat, India, pp- .94-98.

- **Bokade, S. U, D N Raut**, Investigations on Product Returns and Return Handling as a Reverse Logistics System for an Enterprise Supply Chain Management, Proc. of International Conference on Agile Manufacturing Systems-2012, Indian Institution Technology, Varanasi, U.P. 16-19 Dec. 2012 pp 186-191.
- **Bokade, S. U, D.N.Raut**, Investigating the factors affecting Reverse Logistics in the domain of Supply Chain Management, Proc. of the first international conference on Best Practices in Supply Chain Management, 22-23 November 2012, Institution of technical education and research Shiksha O Anusandhan University, Bhubneshwar , Odhisa. pp-328-331
- **Bokade, S. U, D.N.Raut**. The Strategic Framework for Improved Reverse Logistics Practices: Literature Review, Proc. of the 4th International Conference on Advances in Mechanical Engineering, September 23-25, 2010, S.V. National Institute of Technology, Surat, Gujarat, India, pp- 564-568.
- **Bokade, S. U, D.N.Raut**. Reverse Logistics: Models For Handling The Returns In Supply Chain. Proceedings of the 4th International congress of Environmental Research, December 15-17, 2012, S.V. National Institute of Technology, Surat, Gujarat, India, pp- 326.
- **Bokade, S. U, Kartik Thakkar, D.N.Raut**. Reverse Logistics: Recapturing the value through proper close looping of supply chain. An exploratory study. The Proceedings of National Conference on “Emerging Trends in Engineering & Technology (NCETET 2011)” 11 March 2011. Shree L.R. Tiwari College of Engineering, Mira Road, Mumbai.
- **Bokade, S. U, Lalita Nayagam, D.N.Raut**. The Role of Forecasting and Inventory Management in Reverse Logistics. The Proceedings of National Conference on “Emerging Trends in Engineering & Technology (NCETET 2011)” 11 March 2011. Shree L.R. Tiwari College Of Engineering, Mira Road, Mumbai
- Lalita Nayagam, Padma Nayagam, **Bokade, S. U.**, Retail Supply chain Management: A Literature Review. The Proceedings of National Conference on “Emerging Trends in Engineering & Technology (NCETET 2011)” 11 March 2011. Shree L.R. Tiwari College Of Engineering, Mira Road, Mumbai
- **Bokade, S. U, N. K. Deshmukh** Technical paper titled, “Environmental Product Design And Manufacture ” in ZENITH 2009 30th and 31st of October 2009 a National Conference on Recent Trends In Engineering And Technology at Agnel Polytechnic ,Vashi, Navi Mumbai.
- **Bokade, S. U**, “Optimizing The Supply Chain For Manufacturing Management ” in ZENITH 2009 30th and 31st of October 2009 a National Conference on Recent Trends In Engineering And Technology at Agnel Polytechnic ,Vashi, Navi Mumbai.
- **Bokade, S. U, R.V.Kale, S.N.Takalika**r, “Impact of Globalization and IT Revolution on technical Education.” at 9th ISTE State convention on 4th & 5th Feb, 2005 at Government College of Engineering, Amravati (M.S).

Countries Visited

- **ITALY** :- To represent **TEAM_RGIT** in 6th edition of **Formula SAE Italy** which took place in **Riccardo Palette Circuit – Varano De’Malegari (PR), Italy** from 3rd to 6th **September 2010** event organized by **ATA, The Italian Automotive Engineers Technical Association**. Tour sponsored by **Rajiv Gandhi Institute of Technology, Mumbai**.

Memberships of the Professional Bodies

- **INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING: Life Member 9629-21.**
 - **Chairman**, Mumbai Chapter (September 2018)
 - **Vice-Chairman**, Mumbai Chapter (August 2016 – August 2018)
 - **Project evaluator and Paper setter/Examiner for IIIE courses.**
- **AMERICAN SOCIETY FOR MECHANICAL ENGINEERS (ASME) : 102076513**
- **ISTE [LM-42422]**

References

- **Dr. Udhav V. Bhosle, Vice-Chancellor**, Swami Ramanand Teerth Marathwada University – Nanded, Maharashtra
- **Commander (Dr.) B M Bhandarkar (Retd. Indian Navy), Director General**, Indian Institution Of Industrial Engineering, IIE NHQ, Navi Mumbai.
- **Dr. B. E. Narkhede, Editor-In-Chief Industrial Engineering Journal, Associate Professor** National Institute of Industrial Engineering, NITIE, Mumbai – 400 019
- **Dr. K. P. Karunakaran**, Professor in Mechanical Engineering at Indian Institute of Technology Bombay. Powai, Mumbai.

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