

Dr. Jagadeesh P Ganjigatti

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Education

	Degree	Year	Institute	Specialization
1	B E	1988	Basaveshwar Engineering Collage Bagalkot	Industrial Production & Engineering
2	M. Tech	1996	BDT College of Engineering Davanagere	Production Engineering and System Technology
3	Ph D	2006	Indian Institute of Technology Kharagpur	Mechanical Engineering

Professional Experience

#	Date (from-to)	Designation	Organization
1.	2023 -Till date in absence of principal	Principal In charge	SIT- Tumkur
2.	2-2-2019 – Till date	Professor	SIT- Tumkur
3.	1.2.2017 –2.2.2019	Professor & Head	SIT- Tumkur
4.	20.9.2010 -01.02.2017	Professor	SIT- Tumkur
5.	20.9.2007 – 19.9.2010	Professor & Head	SIT- Tumkur
6.	23.3.2007 – 20.9.2007	Professor	SIT- Tumkur
7.	7.3.2005 – 22.3.2007	Assistant Professor	SIT- Tumkur
8.	19.9.1999 – 6.03.2005	Senior Lecturer	SIT- Tumkur
9.	19.8.1991 – 18.9.1999	Lecture	SIT- Tumkur
10.	1.9.1990 – 14.5.1991	Lecture	SIT- Tumkur

11.	1.9.1989 – 30.4.1990	Lecture (Temp)	SIT- Tumkur
12.	12.9.1988 – 29.4.1989	Lecture (Par-Time)	Basaveswar Engineering College Bagalkot

Positions held

(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)

1. Head Training and Placement 2007-2008 for six months.
2. Head of the Department of Industrial Engineering and Management 2007-2010.
3. Chairman BOS in Industrial Engineering and Management from 2007 -2010.
4. Chairman BOE in Industrial Engineering and Management from 2007-2010.
5. Chairman BOE in Industrial Engineering and Management 2013-2014.
6. Chairman BOS in industrial Engineering & Management 2016 -2019
7. Chairman BOE in Industrial Engineering and Management 2016-2019.
8. Principal in-charge [in the absence of principal]

Affiliations of Professional organizations

- Life Member Indian Society for Technical education (ISTE) -
- Life Member Administrative Staff College of India (ASCI) – Membership Number:30733
- Fellow Institutions of Engineers India (FIE)- Membership Number: F-1206555

Awards and Honors

- The certificate of **Citation of Honour** bestowed for the contribution to the field of Industrial Engineering and propagation of its concepts on the foundation day of the IIIE, on 27th January 2008.
- The **Recognition of Citation** for the outstanding leadership and commitment in organizing and conducting 54th National convention and International Conference IIIE from 29th -31st October 2012.

Courses Taught

Undergraduate Courses

- Mechanical Engineering Sciences [3]
- Engineering Drawing [3]
- Plant Layout and Materials Handling [1]
- Machine Drawing [3]
- Numerical control of Machine Tools [1]
- Engineering Mechanics [3]
- Thermodynamics & Heat Transfer [2]

- Value analysis & Product Development [5]
- Production Technology-I [1]
- Production Technology –IV [1]
- Computer Integrated Manufacturing [4]
- Product Drawing and CAD [2]
- Tool Engineering and Design [3]
- Operating system & software Development [2]
- Automation in Manufacturing [6]
- Machine Tools operations [2]
- Software Engineering and Management [3]
- Database Management System [3]
- Management Information Systems [2]
- Elements of Mechanical Engineering [1]
- Mechatronics [1]
- Quality Assurance and reliability [4]
- Technology Management [2]
- Statistics for Engineers [23]
- Basic Thermodynamics and Fluid Mechanics [12]
- Probability and Statistics for Engineers [5]
- Relational Database Management System [3]
- Project Management [1]
- Management and entrepreneurship [4]
- Research Methodology and IPR [1]

Postgraduate Courses

- Computer Control of Manufacturing systems [3]
- Applied statistics [8] (Transp Engg., & Mgt)
- Flexible Manufacturing Systems [3]
- Probability, statistics and Optimization [1] (M.Tech Struct)

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1.	Irfan Gulbarga	Challenging changes in Engineering colleges and Technical Education Through Total Quality Management.	2009
2.	Anand Joshi (MSc Engg by Research)	Product Data Management (for effectively managing CAD/CAM Data)	2011
3.	Suneel R Joshi	A Statistical and Soft-Computing Based	2012

		Modeling, Optimization and Prediction of weld Bead Geometry in TIG Welding	
4.	Sameer Kulkarni	Modeling and Analysis of Effect of Welding Parameter on the Mechanical Properties of Aluminum Alloy-6061	2012
5.	Lohitesh Jaga Kumar	Experimental analysis and optimization of mechanical Tribological properties on aluminium metal matrix composites reinforced with graphene and coconut shell ash particulates	On-Going
6.	Thara R	Design Optimization of Multi-Stream Plate Fin Heat Exchanger With Enhance Evolutionary Multi-Objective Modelling	On-Going

Research Areas

1. Manufacturing Process Modelling and Simulation
2. CAD/CAM and Robotics
3. Product Life Cycle Management
4. Total Quality Management
5. Empirical and Soft Computing based approaches in Process Modelling and simulation

Sponsored Projects

Completed Projects:

1. Title: Modelling and analysis of Gas Turbine Blade Behaviour to Predict Resonance Amplitude.
Funding Agency: GTRE
Amount: 9,97,000/-
Duration: 2Yrs
Role: Principal Investigator
2. Title: Entrepreneur Development Cell
Funding Agency: AICTE
Amount: 8,00,000/-
Role: Chief Coordinators

Certification Courses

1. In-house faculty development programme Workshop Series -XLIII on "Project Management" from 23rd July – 28 July 2017, at S. I. T Tumkur-3
2. In-house faculty development programme on "Research Literacy: Academic writing, resources and research quality indicator", on 19th Feb 2017, at Siddaganga Institute of Technology, Tumkur-3.

3. In-house faculty development programme on “Lab View and 3D Modeling using Solid works in Mechanical Engineering”, 21st Dec – 25th Dec 2016, at department of Mechanical Engineering, Siddaganga Institute of Technology, Tumkur-3.

4. In-house faculty development programme on “ Data Analytics and Machine Learning”, 13th July – 19th July 2016, at Department of Computer Science and Engineering, Siddaganga Institute of Technology, Tumkur-3.

5. IUCEE-FootStep-IIDEA faculty development programme on “Students Centered Learning”, organised by TEQIP conducted at Civil Engineering Department Seminar Hall, Siddaganga Institute of Technology, Tumkur, from 28th Dec - 29th Dec 2016.

6. Engineering faculty programme, “Mission 10X”, Workshop organised by WIPRO, conducted at Siddaganga Institute of Technology, Tumkur, from 25th Nov- 27th Nov 2015.

7. TEQIP sponsored workshop on “Research Methodology – I”, workshop organised by Department of Industrial Engineering & Management and Post Graduate Department of Management Studies & research centre, conducted at PGDMS Siddaganga Institute of Technology, Tumakuru, from 25th May- 30th May 2015.

8. Management Development Programme on “Academic leadership Programme for TEQIP Institutions”, from 2nd – 7th February 2015, conducted at Indian Institute of Management, Kozhikode, Kerala.

9. Training programme on “Formulation of Research & Development Initiatives for Engineering Faculty”, from 26th – 27th June 2014, organised by Engineering Staff College of India, sponsored by TEQIP, conducted at Siddaganga Institute of Technology, Tumkur-572103.

10. Faculty Development programme on “Advanced Pedagogy: Innovative Teaching Methods”, Sponsored by TEQIP conducted at sit Tumkur, from 27, 28, and 29 Feb 2013.

11. Industry-Institute workshop on “Improvement in Culture Building Through People Involvement”, on 28th September 2013, at S.I.T organised by Department of Industrial Engineering & management and Mechanical Engineering.

12. Orientation and Training workshop on “Outcome Based Education and Accreditation for NBA Chairpersons and Evaluators” from 7th September – 8th September 2013, at SVKM’s Narsee Monjee Institute of Management Studies (NMIMIS), Bangalore Campus organised by NBA New Delhi.

13. Workshop on “Six Sigma Black Belt”, from 22nd July – 27 July 2013, Sponsored by TEQIP, Organised by Department of Industrial Engineering and Management S.I.T Tumkur-3

14. Faculty Development programme on “ENTREPRENEURSHIP”, from 9th January – 21st January 2012, supported by Entrepreneurship Development Institute of India, Ahmadabad and funded by National Science and Technology Entrepreneurship development Board, Department of Science and Technology Government of India, New Delhi, conducted by Entrepreneurship development cell RVCE Bangalore.

15. In-house faculty development programme Workshop Series -XXXVI on “Curriculum Development” from 24th June – 30 June 2011, at S. I. T Tumkur-3

16. In-house faculty development programme Workshop Series -XXXIV on “Applied Probability and Statistics for Engineers”, from 25th June – 30th June 2010, at department of Industrial Engineering and Management, S.I.T Tumkur-3.

17. In-house faculty development programme Workshop Series -XXXIII on “Engineering Economy”, from 24th Jan – 30th Jan 2010, at Department of Industrial Engineering and management, S.I.T. Tumkur-3.

18. Workshop on “Development of Industry Driven and Project Based Curricula in Engineering Technology”, from 20th Aug – 21st Aug 2009, at S. I. T Tumkur, Conducted by National Institute of Technical Teacher Training and Research Chennai.

19. In-house Faculty Development Programme Workshop Series–XXXII on “Modeling Simulation and Analysis Using Arena”, from 19th Jan–24th Jany 2009, at Department of Industrial Engineering and Management, S.I.T Tumkur-3.

20. “Entrepreneurship Educator Development Course: Curriculum Design & Delivery”, From 5th Jan – 8th Jan 2009,

21. Participated in CII 15th Quality Summit on “People to Profit: Driving Performance through Organisational Excellence”, from 1st Nov– 2nd Nov 2007, sponsored by TEQIP, held at NIMHANS Convention Centre, Bangalore, organised by Chairman, CII Karnataka, Managing Director, NTTF Industries and Confederation of Indian Industry, Bangalore-38.

22. In-house Faculty Development Programme Workshop Series–XXXVI “Academic Autonomy”, from 6th Aug–11th Aug 2007, Sponsored, by TEQIP, conducted at S.I.T Tumkur-3.

23. International Programme on “Procurement procedure for the world Bank Aided Projects”, from 9th July – 20th July 2007, organised in association with the World Bank, Global Procurement Consultants limited and the department of Economic Affairs, Ministry of Finance, Government of India at Administrative staff college of India Bella Vista, Hyderabad.

24. In-house Faculty Development programme Workshop Series–XXVIII on “Professional Development Programme”, from 29th Jan–3rd Feb 2007, at S.I.T Tumkur-

3, Sponsored under World Bank supported Technical quality Improvement Programme (TEQIP).

25. Training programme on “Blue Print for Success”, from 27th Dec–29th Dec 2006 sponsored by TEQIP, conducted by Quality Learning systems Co. INC (USA) (Shiv Khera) at M.S. Ramaiah Institute of Technology, Bangalore.

26. State level Faculty development programme workshop on “Computer Aided Engineering Drawing”, from 7th Aug–12th Aug 2006, Sponsored by TEQIP, Jointly Organised by SIT Tumkur, SDM Dharwad, NITK Suratkal, and VTU Belgaum at Department of Mechanical Engineering S.I.T Tumkur.

27. Workshop on “Team Building and Leadership” from 4th Aug–5th Aug 2006, at Sree Sree Shivakumara Swamiji Centre for Management of Rural development, PGDMS, S.I.T Tumkur-3.

28. Training programme on “Software Engineering”, from 12th Feb 2001–25th Feb 2001 at Indian Institute of Information Technology (IIIT-B), Bangalore.

29. Training Programme on “Remote Sensing and GIS Applications” from 8th March – 12th March 1999, at Regional Remote Sensing Service Centre, Bangalore, under the aegis of the National Natural Resources Management.

30. Training programme on “Generation of Electricity through Biogas”, during the year 1996, organised by ASTRA I. I. Sc, Bangalore, at IISc Centre Ungra Village.

31. In-house Faculty development Programme on “Oracle and Visual Basics”, from 3rd Sept.–18th Sept. 2001 conducted by SSI Tumkur, at Department of Industrial Engineering and Management, S. I. T, Tumkur-3.

32. In-house Faculty development Programme on “Simulation Modelling and Analysis”, from 13th Mar–16th Mar 2001, at Department of Industrial Engineering and Management, S. I. T, Tumkur-3.

33. In-house Faculty development Programme on “OOP using C++”, from 13th April–16th April 2001 at Department of Industrial Engineering and Management, S. I. T, Tumkur-3.

34. In-house Faculty development Programme on “Computer Aided Drafting”, from 14th Sept–19th Sept 1999 at Industrial Engineering and Management, S. I. T, Tumkur-3.

35. In-house Faculty development Programme on “C-Programming Part-II”, from 8th Feb–13th Feb 1999 at Industrial Engineering and Management, S. I. T, Tumkur-3.

36. In-house Faculty development Programme on “C-Programming Part-I”, from 17th Aug–22nd Aug 1998, at Mechanical Engineering Department, S. I. T, Tumkur-3.

37. In-house Faculty development Programme on “Database Management Systems”, from 9th March - 14th March 1998 at Mechanical Engineering Department, S. I. T, Tumkur-3.

38. In-house Faculty development Programme on “Materials science & Metallurgy”, from 3rd Oct - 9th Oct 1997 at Industrial Engineering and Management, S. I. T, Tumkur-3.

39. In-house Faculty development Programme on “Production/Operations Management”, from 6th Feb–11th Feb 1997 at Industrial Engineering and Management, S. I. T, Tumkur-3.

40. In-house Faculty development Programme on “Thermodynamics and Heat Transfer”, from 8th July–13th July 1996 at Mechanical Engineering Department, S. I. T, Tumkur-3.

41. In-house Faculty development Programme on “Operations Research”, from 4th March–9th March 1996 at Department of Industrial Engineering and Management, S.I.T, Tumkur-3.

42. In-house Faculty development Programme on “CAD/CAM and Robotics”, from 4th Sept.–9th Sept. 1995 at Department of Industrial Engineering and Management, S.I.T, Tumkur-3.

43. In-house Faculty development Programme on “Computer Oriented Numerical Techniques”, from 16th Aug–21st Aug 1993 at Department of Mechanical Engineering, S.I.T. Tumkur-3.

44. In-house Faculty development Programme on “Control Engineering”, from 14th June–19th June 1993 at Department of Mechanical Engineering, S.I.T, Tumkur-3.

45. In-house Faculty development Programme on “Engineering Graphics”, from 7th Sept.–12th Sept. 1992 at Department of Mechanical Engineering, S.I.T, Tumkur-3.

Publications

Journals

1. Lohitesh Jaga Kumar, Jagadeesh P Ganjigatti, G Irfan, R Thara, Preethi J Aradhya, Ranjeet Kumar Choudhary, Ganesh Devidas Shrigandhi, GR Gurunagendra, "Effect of graphene and coconut shell ash on mechanical properties of Al6061 metal matrix composites", Journal of The Institution of Engineers (India): Series D, Vol. 106, Issue- 2, Pp-143-1051, year 2025.

2. Lohitesh Jaga Kumar, Jagadeesh P Ganjigatti, G Irfan, R Thara, "Optimizing wear performance: comprehensive analysis of Aluminium 6061 metal matrix composites reinforced with coconut shell ash and graphene", Journal of The Institution of Engineers (India): Series D, Vol-106, Issue-1, PP.245-261, april 2025.
3. Antima Sharma, Jagadeesh P Ganjigatti," A Hybrid Workplace: Is a New Normal.", Journal of Mines, Metals & Fuels, Vol. 71, Issue 6, year 2023.
4. Lohitesh Jaga Kumar, Jagadeesh P Ganjigatti," Mechanical and Micro Structural Properties of Aluminum Metal Matrix Composites (MMC) Reinforced with Coconut Shell Ash Particulates and Graphene.", Journal of Mines, Metals & Fuels, Vol. 71, Issue-2, year 2023.
5. Lohitesh Jaga Kumar, Jagadeesh P Ganjigatti," Multi-Objective Optimization of Plate-Fin Heat Exchanger Using Taguchi-based Grey Relational Analysis.", Journal of Mines, Metals & Fuels, Vol-70, issue-1, year-2022.
6. Sameer S Kulkarni, Virupakshappa S Konnur, Jagadeesh P Ganjigatti," Optimization of MIG welding process parameters with grey relational analysis for AL 6061 alloy, Taylor and Francis, Welding International, Volume 36, 2022 - Issue 7, Pages 387-393.
7. Suneel Ramachandra Joshi, Jagadeesh P Ganjigatti ,"Prediction of weldbead geometry Using Artificial Neural Network of AL 6061 Alloy", International Journal of Mechanical and Production Engineering Research and Development, Vol: 09, Issue: 06, Dec 2019, PP: 1143-1154.
8. Suneel Ramachandra Joshi, Jagadeesh P Ganjigatti," Application of General Regression Neural Networks for Forward and Reverse Modeling of Aluminum Alloy AA5083; H111 TIG Welding Process and Comparison with Feed Forward Back Propagation network", year 2017, issue -2
9. Suneel Ramachandra Joshi, Jagadeesh P Ganjigatti,"Comprehensive Development and Comparison of two Feed Forward Back Propagation Neural Networks for Forward and Reverse Modeling of Aluminum Alloy AA5083; H111 TIG Welding Process", International Journal of Engineering Research and Application, Vol-6, Issue-5, PP.98-111. Year-2016.
10. Suneel R Joshi, Jagadeesh P Ganjigatti," Simultaneous Optimization of Multiple Quality Characteristics in TIG welding of AA5083; H111 Aluminum Alloy Using Response Surface Methodology Coupled with Composite ", International Journal of Applied Engineering Research, Vol-11, Issue-9, PP:6525-6541, yera-2016

11. Md. Dastageer, P. Prashanth, J.P. Ganjigatti, "Optimizing Cutting Parameters of Al₂O₃ Particle Reinforced 6061 Aluminum Alloys Composite in Turning Using Taguchi Method", International Journal of Aided Manufacturing, Volume 1, Issue 2, 2016 Pages. 28-37.
12. Brish Ketu, Jagadeesh. P. Ganjigatti, M.A. Jayaprakash, "Design and Simulation of Double Deep ASRS for Engine Storage Line", Journal of Material Science and Mechanical Engineering (JMSME), Volume 1, Number 1; October, 2014, Pages. 23-27.
13. Sameer Kulakrni, Dr.J.P.Ganjigatti, Suneel. R. Joshi, "A review on "Effect of Welding Parameters on Mechanical Properties of Aliminum Alloys Using MIG Welding", International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 4, Issue 1, May 2014 Pages. 224-227.
14. S. R. Joshi, Dr. J. P.Ganjigatti, Sameer Kulkarni, "Application of statistical and soft computing based modeling and optimization techniques for various welding processes" a review", International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume. 3 Issue 4, March 2014 Pages. 375-384.
15. Irfan Gulbarga, S. V. Chetty, Dr. J. P. Ganjigatti, "Explicit Study on the Implication of Total Quality Management on Higher Technical Studies," International Journal of Mechanical Engineering applications Research – IJMEAR, Vol 03, Issue 03; July 2012, PP. 163-169.
16. Irfan A Gulbarga, Dr.Soma.V.Chetty, Dr. J. P. Ganjigatti, Suniel Prakash, "Assessing Technical Institutions through the Principles of Total Quality Management: The Empirical Study-2," International Journal of Scientific and Research Publications, Volume 2, Issue 8, August 2012, PP. 1-9.
17. Irfan Gulbarga, Dr. Soam. V. Chetty, Dr. J. P. Ganjigatti, "NN/BRT Based Model For Evaluating Impact Of TQM On Higher Technical Education," International Journal of Mechanical Engineering and Technology (IJMET), Volume 3, Issue 2, May-August (2012), PP. 518 -530.
18. Irfan Gulbarga¹, Dr. Soma. V. Chetty, Dr. J. P. Ganjigatti, "Multiple Intelligence Enhancement Approach for Examination System of Technical Education: The Empirical Study-4", International Forum Researchers, Students and Academician (IFRSA) Business Review, Vol: 1, Issue: 1, September 2011, PP.97-100.
19. J. P. Ganjigatti, Dilip Kumar Pratihar, "Forward And Reverse Modeling In MIG Welding Process Using Fuzzy Logic-Based Approaches," Journal of Intelligent and Fuzzy Systems, Volume 19, Number 2 / 2008. PP. 115-130.
20. J. P. Ganjigatti, Dilip Kumar Pratihar and A. Roy Choudhury, "Global Versus Cluster-Wise Regression Analyses For Prediction Of Bead Geometry In MIG Welding

Process,” Journal of Materials Processing Technology, Volume 189, Issues 1-3, 6 July 2007, Pages 352-366.

21. J. P. Ganjigatti, D. K. Pratihari and A. RoyChoudhury, “Modelling Of The MIG Welding Process Using Statistical Approaches,” The International Journal of Advanced Manufacturing Technology, Volume 35, Numbers 11-12 / February, 2008, PP. 1166-1190.

Conference Proceedings

1. Lohitesh Jaga Kumar, JS Vishwanatha, Jagadeesh P Ganjigatti, G Irfan, R Thara," Investigation of mechanical properties of Al6061 with reinforcement of coconut shell ash and graphene metal matrix composites", Materials Today: Proceedings, Vol. 92, PP. 413-417, year 2022

2. Sameer S Kulkarni, Jagadeesh P Ganjigatti," Application of fuzzy logic for predication of depth of penetration in MIG welding, AIP Conference Proceedings 2615, 040012 (2022); <https://doi.org/10.1063/5.0116403>.

3. Mechanical And Micro Structural Properties Of Aluminum Metal Matrix Composites (Mmc) Reinforced With Coconut Shell Ash Particulates And Graphene, ICSMMIE22 Proceeding. 1st and 2ns July 2022, SIT Tumkur.

4. Antima Sharma, Jagadeesh P Ganjigatti, “ A Hybrid Workplace: Is A New Normal, ICSMMIE22 Proceeding. 1st and 2ns July 2022, SIT Tumkur.

5. Lohitesh Jaga Kumar, JS Vishwanatha, Jagadeesh P Ganjigatti, G Irfan, R Thara,"Modeling And Optimization Of Process Parameters In Dry-Turning Of Al₂O₃ Particle Reinforced 2024 Aluminum Alloy Using Taguchi Techniques, ICSMMIE22 Proceeding. 1st and 2ns July 2022, SIT Tumkur.

6. S. R. Joshi, Dr. J. P.Ganjigatti ,”Application of General Regression Neural Networks for Forward and Reverse Modeling of Aluminum Alloy AA5083; H111 TIG Welding Process and Comparison with Feed Forward Back Propagation, Elman Back Propagation Neural Networks”, International Conference on Latest Concepts in Science, Technology and Management (ICLCSTM-2017) on 5th February 2017 at National Institute of Technical Teachers Training & Research (NITTTR), MHRD, Govt of India, Chandigarh, India. ISBN: 978-81-932712-4-7.

7. S. R. Joshi, Dr. J. P.Ganjigatti, “Assessment of superiority of different Neural Networks in Forward and Reverse Modeling of Tungsten Inert Gas Welding of Aluminum Alloy AA5083; H111”, International Conference on Recent Development in Engineering, Science, Management and Humanities (ICRESMH-16) on 11th December 2016, At IFUNA, Qutub Institutional Area, Delhi, India. [Ref:6.b.2]

8. Brish Ketu, Dr. J. P. Ganjigatti, M. A. Jayaprakash, "Disign and Simulation of Double Deep ASRS for Engine Storage Line," Fifth International Conference on Innovative Trends in Mechanical, Materials, Manufacturing, Automobile, Aeronautical Engineering and Applied Physics (ITMAEAP-20014), 23rd – 24th August 2014, organised by Krishi Sanskriti, Jawaharlal Nehru University (JNU), New Delhi.
9. Prathap G N, K. K. Dattatreya, M S Ravikumar, J. P. Ganjigatti, "Optimization of composition of Self Compacting Concrete Mixes with Ternary Binders", National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E -2012), 04th -05th, October, 2012, Hyderabad, India, PP. 293-302.
10. Revanasiddappa, Dr. K.P. Shivanand, Dr. J. K. Dattatreya, Dr. J. P. Ganjigatti, "Optimization of concrete mix containing alternate binder replacement materials," National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E -2012), 04th -05th, October, 2012, Hyderabad, India, PP. 293-302.
11. Parathap G. N, M. S. Ravikumar, Dr. J. K. Dattatreya, Dr. J. P. Ganjigatti, "Application of Taguchi Experimental Technique for Optimal design of Self Compacting Concrete", proceedings of 54th International conference on paradigms for Global Challenges and opportunities (Vision-2025), Indian institute of Industrial Engineers, 29th-31st Oct 2012. Nimhans convension center Bangalore.
12. Revanasiddappa, Dr. K.P. Shivanand, Dr. J. K. Dattatreya, Dr. J. P. Ganjigatti, "Optimization of pumpable concrete mix containing alternative binders using Taguchi's Approach", proceedings of 54th International conference on paradigms for Global Challenges and opportunities (Vision-2025, Indian institute of Industrial Engineers, 29th -31st October 2012. Nimhans convention center Bangalore.
13. Irfan. Gulbarga, Dr. Soma. V. Chetty, Dr. J. P. Ganjigattii, "Connecting Campus to Corporate (c3) : "The Quality Lever –1", Proceedings of the national conferences on advances in mechanical Engg, PP. 262-265, Jan,15-16, 2009, Rajiv Gandhi institute of technology , Bombay in association with BARC, Bombay.
14. Irfan. Gulbarga, Soma. V. Chetty, J. P. Ganjigatti, "TQM Approach in Planning and Restructuring of Technical Institutions by way of Corporate Co-operation – "The Quality Lever–3", National conference on TQM in Engg Education , Pimpri Chinchwad college of Engg-Pune.; March 2009

Book Chapters

- Ganjigatti J. P., Pratihar D.K., "Design And Development Of Knowledge Bases For Forward And Reverse Mappings Of TIG Welding Process," Intelligent Data

Analysis: Developing New Methodologies Through Pattern Discovery and Recovery, IGI Global Publishers-ISBN- 978-1-59904-982-3, May 2008. USA

Editor/ Reviewer of Journal

- Journal of Industrial and Safety Engineering. (JISE)
- International Journal of Production Engineering (IJPE)
- International Journal of Industrial Engineering and Product Design (IJIEP)
- International Journal of Computer Aided Manufacturing (IJCM)

Invited Lectures, talks and workshops

- Guest speaker in 1st International Conference on Emerging Scientific Applications in the Field of Engineering and Technology held on 23-24 September 2021 organised by Karnataka Law Society (KLS) Vishwanatharao Deshpande Institute of Technology, Haliyal, India.
- Delivered lecture “Statistical Analysis in Pavement Evaluation and Decision Making” in Two-Days Workshop on Pavement Evaluation And Rehabilitation organized by KLE DR M S Sheshgiri College of Engineering and Technology Udyambag, Belagavi-590008 from 6th-7th September 2017 in association with institution of engenderers India.
- Delivered talk on “ Tools and Techniques of Design o Experiments” in two days faculty development programme on Design of Experiments and Optimization Techniques,” Conducted by Department of Mechanical Engineering, Sir MVIT Bangalore, India, 3rd – 4th March 2016.
- Delivered Expert Lecture on, “MATLAB Application in Probability Distribution of CIVIL Engineering Problems”, in six Days faculty development workshop condusted by Department of CIVIL Engineering, S J B Institute of Technology, Bangalore-60, from 25th – 30th July 2016.
- Delivered lecture on “Role of research Tools and Techniques”, CSIR sponsored two days workshop on “Problem Identification and Research Methodologies”, Department of Electronics and Communications, MVJ College of Engineering, Bangalore, India, 24-25 June 2013.