

T R VEENA

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Education

	Degree	Year	Institute	Specialization
1	B E	1997	Siddaganga Institute of Technology	Industrial Engineering & Management
2	M Sc Engg By Research	2008	Siddaganga Institute of Technology	Materials-Mechanical
3	Ph D	2020	Siddaganga Institute of Technology	Quality Management and Process Improvement

Professional Experience

	Date (from-to)	Designation	Organization
1	1.1.2011	Assistant Professor	Siddaganga Institute of Technology
2	1.9.2008	Senior Lecturer	Siddaganga Institute of Technology
3	1.9.2003	Lecturer (Permanent)	Siddaganga Institute of Technology

(Please fill in reverse order. Current designation should be at the top)

Positions held

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

Institution Level

1. Coordinator for ISO internal Audit
2. Coordinator for COE

Department Level

1. Coordinator For Department BoE

2. Coordinator for Department BoS
3. Test Coordinator
4. Coordinator for Simulation Laboratory
5. Coordinator for ERP Lab
6. Coordinator for Mini Project (2019-20)
7. IEMage Coordinator (2023)

Affiliations of Professional organizations

- ISTE Membership
- **Quality Circle Forum of India (Life Member)**

Awards and Honors

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Courses Taught

Undergraduate Courses

- Operations Management
- Simulation Modelling & Analysis/ Modelling Simulation & Analysis
- Introduction to Industrial Engineering
- Work System Engineering & Ergonomics
- Operations Research
- Management & Entrepreneurship
- World Class Management Practices
- Enterprise Resource Planning
- Financial Management & Costing
- Statistics For Engineers
- Computational Methods In Engineering
- Engineering Economics
- Materials Management
- Database Management System
- CAD/ CAM
- Automation In Manufacturing
- Industrial Management
- Industrial Engineering
- Process and Layout Drawing

Postgraduate Courses

- Simulation of Manufacturing Systems

- Operations Management (MBA)

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1	Chandrika S	Development and Optimization of Lightweight Sustainable Bio sandwich composite for Low Velocity Impact applications using Experimental Design Approach.	Pursuing

Research Areas

- Lean Six Sigma
- Quality Management System
- Process Improvement

Sponsored Projects

Ongoing Projects:

1. Title:
Funding Agency:
Amount:
Duration:
Role:
2. Title:
Funding Agency:
Amount:
Duration:
Role:

Completed Projects:

1. Title:
Funding Agency:
Amount:
Duration:
Role:

2. Title:
Funding Agency:
Amount:
Duration:
Role:

Certification Courses

1. Lean Expert, MIJSC, IIM Bangalore. March 2026
2. ISO 9001:2015 Lead Auditor Quality Management System [IR CLASS Systems and Solutions Private Limited, Mumbai; [08/03/2020 -12/03/2020]
3. ISO 14001:2015 Lead Auditor Environmental Management System [IR CLASS Systems and Solutions Private Limited, Mumbai
15/03/2020 -19/03/2020]
4. National Intellectual Property Literacy Week [Kalam Program for IP and Literacy Cell, Ministry of education, Government of India. [15th -23rd October 2020]
5. PMI® Authorized PMP® Exam Prep (40 hours) [AMITABH SAXENA CEO - Anexas Europe PMI Authorized Training Partner Instructor July - September 2021]
6. Lean Practitioner; Benchmark Six Sigma ,13 september 2021; License No: 38442726.
7. Lean Guide; Benchmark Six Sigma ,13 september 2021; License No: 38442861.
8. ECIL (Excellence in Continuous Leadership) Practitioner , Benchmark Six Sigma ,03 October 2021; License No: 39596140.
9. Lean Six Sigma Black Belt , Benchmark Six Sigma ,Sept 2021; License No: 38975649.
10. Work System Design, NPTEL, Jul-Oct 2022.
11. Principles of Industrial Engineering, NPTEL, Jan –April 2022.
12. Operations Management, NPTEL, Jan-April 2023.
13. Problem Solving Through C Programming, NPTEL, Jan-April 2023.
14. Total Quality Management-I, NPTEL, Feb-April 2023.
15. Project Management for Managers ,NPTEL, July-Oct 2023.
16. Toyota Production System, NPTEL, Aug- Oct 2023.
17. Total Productive Maintenance, Quality Council of India, Swayam Online Course Certification, July 2023.
18. Product Design & Development, NPTEL, Aug-Sept 2025.

Publications

Journals

- **Influence of particulates on microstructure, Mechanical and Fractured behaviour on Al-7075 alloy composite by FEA.** Kumaraswamy J.;Anil K.C.;Veena T.R.;Reddy M.;Sunil Kumar K.; Australian Journal of Mechanical Engineering, **Volume 23, Year 2025, Pages 248-262.**
[DOI:10.1080/14484846.2023.2276987](https://doi.org/10.1080/14484846.2023.2276987)
- **A study on value chain of mushroom for value addition: challenges, opportunities and prospects of cultivation of mushroom.** Shankar B.L.;Veena T.R.;Pawar S.;Gowda A.;Kadadevaramath A.R.; International Journal of Business and Systems Research, **Volume 18, Year 2024, Pages 539-554.**
[DOI:10.1504/IJBSR.2024.142079](https://doi.org/10.1504/IJBSR.2024.142079)
- **Value Chain Analysis of Mushroom and Identification of Defies and Prospects of Cultivation of Mushroom.** Anusha A.S.;Latha Shankar B.;Kadadevra Math R.S.; Karegowda A.G.;Veena T.R.;Pawar S.; Journal of Mines, Metals and Fuels, **Volume 71, Year 2023, Pages 277-285.** [DOI:10.18311/jmmf/2023/33393](https://doi.org/10.18311/jmmf/2023/33393)
- **Investigating the Mechanical Properties of Al 7075 Alloy for Automotive Applications: Synthesis and Analysis.** Kumaraswamy J.; Anil K.C. ; Veena T.R.;Purushotham G.;Sunil Kumar K.; Evergreen, **Volume 10, Year 2023, Pages 1286-1295;** [DOI:10.5109/7151674](https://doi.org/10.5109/7151674)
- **Identification of critical success factors for implementing Six Sigma methodology and grouping the factors based on ISO 9001:2015 QMS.** Veena T.R.;Prabhushankar G.V.; International Journal of Six Sigma and Competitive Advantage, **Volume 12, Year 2020, Pages 1-19;**
[DOI:10.1504/IJSSCA.2020.107463](https://doi.org/10.1504/IJSSCA.2020.107463)
- **Roadmap for integration of Lean Six Sigma methodology with ISO 9001:2015 QMS standard;** Veena T.R.;Prabhushankar G.V.; International Journal of Advanced Operations Management, **Volume 12, Year 2020, Pages 303-329;**
[DOI:10.1504/IJAOM.2020.112724](https://doi.org/10.1504/IJAOM.2020.112724)

- **A literature review on lean, Six Sigma and ISO 9001:2015 in manufacturing industry to improve process performance;** Veena, T. R.;Prabhushankar, G. V.; International Journal of Business and Systems Research, Volume 13, Year 2019, **Pages** 162-180; [DOI:10.1504/IJBSR.2019.098652](https://doi.org/10.1504/IJBSR.2019.098652)
- **Experimental investigation of CFRP strengthened I-shaped cold formed steel beams;** Chakravarthy Nahushananda; Naganathan Sivakumar; Aun Jonathan, Tan Hsien; Kalavagunta, Sreedhar; *Musta Jurnal Teknologi*, Volume 79, Year 2017, **Pages** 83-89; [DOI:10.11113/jt.v79.10255](https://doi.org/10.11113/jt.v79.10255)

Conference Proceedings

- Design and Fabrication of Automatic Glass Cutting Machine, Veena, T. R.; Kadadevaramath, R. S.;Nagaraj, P. M.;Madhusudhan, S. V, IOP Conference Series: Materials Science and Engineering, **Volume** 149, **Year** 2016
- A study Study on mechanical properties of recycled Acrylonitrile Butadiene Styrene (ABS) blended with virgin Acrylonitrile Butadiene Styrene (ABS) using Taguchi method, Goutham, R.;Veena, T. R.;Babagowda, ;Prasad, K. R.Srinivasa, *Materials Today:Proceedings*, Volume 5, Year 2018, Pages 24836-24845; DOI:10.1016/j.matpr.2018.10.282

Book Chapters

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Books

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Editorial

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Reviewer of Journals

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(Please give details in IEEE format)

Editor/ Reviewer of Journal

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Patents

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Invited Lectures, talks and workshops

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