

Prof. Shruthi M N

Assistant

Professor

Educational Qualification	M.Tech., Degree, Visvesvaraya Technological University (VTU), Belgaum (PhD) VTU Belagavi, Registered in 2015.
Experience	Teaching: 17 year
Area/s of Interest	Industrial Management, Computer Integrated Manufacturing, Robotics and automation
Email ID	shruthimn@rvce.edu.in

Project Guided: UG : 04

National & International Journal Publication: 08

Papers presented in National and International conferences : 14

List of Publications

National & International Journal Publication

Shodhan devadiga, Shruthi MN “Advances and Future Directions in Battery Chemistries: A Comprehensive Review” International Journal of Creative Research Thoughts(UGC Approval No:49023) Volume 12, Issue 6

Shruthi M N, Dr.N S Narahari, Sadath Ahmed, Mohammed Siraj, Rohan Pillai “Understanding Consumer Behaviour and Its Influence on Mobile Phone Re-manufacturing: A Comprehensive Review” International Journal of Interdisciplinary and Multidisciplinary Research Vol-9, Issue-6 389-394

Vishal R, InaKakal, KiranV, Anusha Y, Shruthi MN “Productivity Improvement of Shopfloor Process Through Lean Management” International Journal of Research in Engineering and Science (IJRES) Volume 10, Issue 9, PP. 557-565

Shruthi MN, NS Narahari, Bhaskar MG and Savita C Teli “Understanding Material Chemistry of Mobile Handset for Recycling Feasibility Analysis” IOP Science International journal Volume 107, Number-1

Nandini B, MN Shruthi “the effectiveness of employee welfare programmes and policies - an emperical study international journal for science and advance research in technology, volume-4 issue-10

Narahari N.S, Shruthi M.N, Varna,”Development of a two stage prediction model for material removal rate during CNC turning operations- An investigative study.”IJETSR, July 2017, ISSN-2394-3386.

Narahari N.S, Shruthi M.N, Varna, “Machinability Studies of Chrome Steel in Turning Operation: An Experimental Investigation” **Journal of Industrial Safety Engineering**(JoISE 2016), Volume 3, Issue 2, ISSN: 2395-6674(online).

M. Mahantesh M.Math, M.N Shruthi “Ergonomic Evaluation of Workstations in an IT Industry” published at a International Journal of Science Engineering

and Advance Technology ,IJSEAT, Vol 2, Issue 7, July – 2014, ISSN 2321-6905, Impact factor-1.25

International Journal Publication:

Nandini B, MN Shruthi published a paper on “The effectiveness of employee welfare programmes and policies - an empirical study” at International journal for science and advance research in technology, Vol. 4, Issue 10.

Dr. N S Narahari, Ms. Varna, Mrs. Shruthi M N "Development of a two stage prediction model for material removal rate during CNC turning operations – An investigation study " International Journal of Engineering Technology Science an & research Vol 04, Issue 07, 37 - 45.

M. Mahantesh M.Math, M.N Shruthi “Ergonomic Evaluation of Workstations in an IT Industry” published at aInternational Journal of Science Engineering and Advance Technology,IJSEAT, Vol 2, Issue 7, July – 2014, ISSN 2321-6905, Impact factor-1.25

Papers presented in National and International conferences

Dr. Mahantesh MM, Shruthi MN, “Modelling and Computational Fluid Dynamics Analysis of Alternator Internal Fan” 14th International conference on material Processing and characterization on 24th- 26th March 2023
Vivekanand S Gogi, Mahantesh M Math, Shruthi M N, Ravishankar V” Design & Optimization of A Platform For Workflows In Industries – A Case Study Eighth International Conference on Business Analytics and Intelligence (ICBAI-2021) 20-22 December, 2021

M N Shruthi, N S Narahari , Bhaskar M G, Savita C Teli “Understanding material chemistry of mobile handset for recycling feasibility analysis” First International Conference on Technologies for Smart Green Connected Society 2021 on 29th and 30th Nov 2021

Shruthi MN, Dr NS Narahari “Feasibility for re-manufacturing of mobile handsets - A Case study” 5th International conference on Industrial Engineering (ICIE-2019)” at SVNIT College Surat from 12th -14th December 2019. ISBN No-978-93-86238-81-8

Dr NS Narahari, Varna, Vikram NB, Shruthi MN “Investigative study on the development f a two stage Machinability Prediction Model for chrome steel Machining operations using CNC turning at ICBAI-2018” N Tata Auditorium. IISC, Bangalore 20th- 22nd Dec 2018

Savitha teli, Bhaskar MG, MN Shruthi “FEASIBILITY STUDY ON RECYCLABILITY OF MOBILE PARTS THROUGH MATERIAL CHARACTERIZATION” in the National Conference on Emerging Trends in Engineering and Management 2018 on organised by Department of Industrial Engineering and management. JSS Academy of Technical Education, Bangalore. 12th Dec 2018

Narahari N.S, Shruthi M.N, Varna, “Development of a two stage prediction model for material removal rate during CNC turning operations- An investigative study.” 2ns International conference on advancement in Engineering, Applied Science and Management on 2nd July 2017.

MN Shruthi, Dr N.S narahari “Feasibility For Re-Manufacturing Of Mobile HandsetsThrough Product Analysis And A Customer Perceptions Survey” International Conference on Recent Trends in Engineering & Sciences (ICRTES) at Daba Gardens, Visakhapatnam, Andrapradesh, on 20th-21st Feb 2018.

Shruthi MN, Nandini B “Effect of Cutting Fluid on Surface Roughness of Aluminium and AISI 1040 Steel” International Conference on “International Value Engineering Academic Summit – 2017” Organized by Dept of IEM, Dayananda Sagar College of Engineering, Bengaluru -78 during 3rd-5th March 2017.

Shruthi MN, Prasanna Rao “IMPROVEMENT OF MATERIAL VISIBILITY SYSTEM FOR POLYPROPYLENE MATERIAL IN SUBCONTRACTING PROCESS” Fourth International Conference on Best Practices in Supply Chain Management **during December 22, 23 2016 at Trivandrum**

Ms. Shruthi M N, MN Vijaykumar, Dr.KN Subramanya “Productivity studies of Ultra high Density(UHD) Stitching process” presented at Fourth International joint conference on Advances in Engineering and Technology during Dec 13th-14th 2013.

Ms. Shruthi M N & Dr. K V S Rajeswara Rao: “Capacity Enhancement Studies in an Automotive Industry – A Case Study” presented at “International conference on Paradigms for Global Challenges and Opportunities : Vision – 2025 during 30th-31st October 2012.

Ms. Shruthi M.N and Mrs. Chitra B.T: “Prevention of Child Labour in India” Poster presented at National conference on “Media and human Rights: the Global scenario” organized by Karnataka State Higher Educational Council, Bangalore and Centre for Communication Programmes, Tumkur University, during 23 November 2011.

Ms. Shruthi M.N, Dr. A.V Suresh, Dr. H.N Narasimha Murthy: “Process study of D-SST Fused Deposition Modeling Machine By Experimental and FEA”, presented at “International conference on Operational Excellence For Global Competitiveness” (ICOEGC - 2011) organized by Dept. of IEM, RVCE in association with ABCON Information Systems, Bangalore, during 3-5 February 2011.

Ms. Shruthi M.N, Dr. A.V Suresh, and Mr. Sunil R. Yallemalle: “Comparative study of Anisotropic Mechanical properties of FDM ABS with Injection molded ABS”, presented at Knowledge Utsav, jointly organized by Tumkur University and Jain Group of Institutions at SBMJCE, Bangalore. This paper was adjudged as the **best paper** in Advanced Product Quality Planning Category.

Funded Projects:

- Worked as a project coordinator for research study entitled, "A study of effectiveness of Women Welfare schemes implemented at IT/ITes sector – Karnataka" sanctioned by National Commission for Women Research & Studies Cell for Rs. 2,55,150/-.

Invited Talks:

- Mrs. Shruthi M N addressed students on "Career Guidance for Employees Children" at of M/s. LM Glass Fiber on 6th May 2016

Mrs. Shruthi M N delivered a talk on “CNC Programming” at Five days “Online Orientation of Laboratory Courses for Technical Staff” organised by Department of Industrial Engineering and Management during, RVCE on 10th June 2021

MN Shruthi delivered a talk on “Orientation on Center of excellence in Robotics and Automation” as part of first year orientation program at IEM seminar hall on 14.12.2021.

Delivered a talk on “CNC Milling programming theory and hands on experience” as part of 3 week International certificate course on Smart Manufacturing in association with Dortmund university, Germany during 19th February to 9th march 2024 for both German and RVCE students on 21st Feb 2025.

“CNC Turning & Milling programming theory and hands on experience” as part of 3 week International certificate course on “Smart Manufacturing systems” Offered Jointly by RV College of Engineering, India and Fachhochschule Dortmund-Germany. 17th Feb to 7th March 2025 on 19th Feb 2025.

Professional body membership

Life member of Indian Society for Technical Education - LM 71660

Life member of Indian Institute of Industrial Engineering- MIIIE 9990

Certification Courses:

- Shruthi MN Completed a 1month certification course on Industrial Automation organized by Skilldzire in collaboration with AICTE from 4th Sept – 4th Oct 2024