

## Dr. K V Manjunath

Affiliation: Assistant Professor, Dept. of IEM, SIT, Tumakuru

Contact: 9916308766

Email: kvmanju@sit.ac.in / manju.1224@gmail.com

Vidwan ID:91001

Scopus ID: 57203036522.

OrcID: 0000-0001-5091-8088.

Faculty ID: SIT0167.

Google Scholar ID: 4jXd7hAAAA.

Education				
	Degree	Year	Institute	Specialization
1	Ph.D.	March-2019	VTU,Belgavi,Karnataka	Ergonomics.
2	M.E.	March-2004	UVCE,Bangalore	Mnf.Sc.& Engg
3	B.E.	July/Aug-1999	SIT,Tumakuru	Mechanical Engg.

Professional Experience			
	Date (from-to)	Designation	Organization
1	14/02/2007 to till date	Asst.Professor	SIT,Tumakuru.
2	Aug 2005 to Jan 207	Sr.Lecturer	DBIT,Bnagalore
3	March 2004 to July 2005	Lecturer	DSCE,Bangalore
4	Spt 2000 to March 2002	Lecturer	SSSE,Tumakuru

### Positions held

Worked as time table and contineo co ordinator

Worked as dept. Project co ordintaor

Worked as Event co-ordinator in Halcyon & Spandana at Institute level.

Worked as dept. Technical seminar co ordintaor

Worked as dept.co ordinator of NAAC & ISO

BoE member for MCE Hassan.2023 & 2024.

BoS member at dept. level, 2023, 2024.2025.

BoE member at dept. level. 2023, 2024.2025.

### Affiliations of Professional organizations

- Life Member of ISTE from 2005

### Awards and Honors

- nil

### Courses Taught

#### Undergraduate Courses

Materials Management

Investment Management

Manufacturing Process

Work Study & Ergonomics

Project Management

Product Design & Development

Project Management & Finance

Mechanical Engineering Science

Foundry Technology

Management Information System & E-Commerce.

Operations Management.

Management & Entrepreneurship

Engineering Metrology & Measurement

Metrology and Measurement

Research Methodology & IPR

Lean Manufacturing system

Marketing Management

#### Postgraduate Courses

Research Methodology & IPR (common to all Branches)

#### Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
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#### Research Areas

- Manufacturing Science & Engg,
- Composite materials,
- Materials Management,
- Work-study, Role of Ergonomics on SMEs.

#### Sponsored Projects

- Ongoing Projects: Nil-
- Completed Projects:  
Title: "IOT Based Multispecialty Farm System"  
Funding Agency: VTU Belagavi.  
Amount: Rs 5000/-  
Duration: 2020 -2021  
Role: Guide.

#### Publications

##### Journals :

- **K.V. Manjunath**, Madhuvaishnavi Thyagaraj, N. Shivaraj Shreya, K. Sridahar Inchara, Seema B. Hegde. "Integration of customer relationship management in e-commerce" International Journal of Electronic Customer Relationship Management (IJECRM), Vol. 15, No. 1/2,pp 24-39, <https://doi.org/10.1504/IJECRM.2025.145713> INDERSCIENCE, **April -2025**,
- Seema B. Hegde, Tadigotla Narendra Reddy, Prasad Prasannan, **K.V. Manjunath**, Mervin A. Herbert, Shrikantha S. Rao "Open-source solutions for real-time data retrieval in industrial automation and IoT environments" Int. J. Internet Manufacturing and Services, Vol. 11, No. 1, 2025, Page no.73-92, DOI:10.1504/IJIMS.2025.144351. **Feb-2025**
- Anil K C, **K V Manjunath**, Kumarswamy J, Madeva reddy " Effect of Chill & BAC Particular on surface Roughness and metal Removal rate of Wire cut Aluminum Matrix Chilled Composites" Journal of Metallurgical Research & Technology. Page

no341-350, ISSN: 2423-7043. Semnan University Press.  
<https://doi.org/10.22075/MACS.2024.31090.1528> Volume 11, (2). **2024**

- Shanthala Kollur, **K. V. Manjunath**, C. Durga Prasad, B. Byra Reddy, K. S. Rudra, Prakash Kumar C.R. Aprameya “Evaluation of Microstructural and Mechanical Properties of Triballoy based Composite Cladding by Microwave Heating” Journal of Intuition of Engineers. (India) Series-D <https://doi.org/10.1007/s40033-024-00670-3>, Springer. **March- 2024.**
- M. Nagamadhu, S. Sathishkumar, G. Veerasha, **K. V. Manjunath**, Sachinkumar Patil, Rajesh Baitha, Md. Saeb Sufyan, Mohd Hamid Hussain, S. B. Kivade “Assessing the Von Mises Impact of HSS Twist- Drilled Holes on Pretreated Sandwich Composites Through FE Analysis” Journal of Intuition of Engineers. (India) Series-D, <https://doi.org/10.1007/s40033-024-00654-3>, Springer. **Feb - 2024.**
- Gireesh Y.M, Nandessh V Hiremath, **K.V. Manjunath**, Nagaraj V Bevinamarad, Sunilkumar R Hiremath. Titled: “Multi-dimensional assessment of risk to business continuity plans of Indian SME’s in wake of pandemic induced business risks” International Journal of Business and Systems Research. (INDERSCIENCE) Volume 18 (4), **July-2024**, Pages 360-377, DOI: 10.1504/IJBSR.2024.139523.
- **Manjunath K.V.** Siddesh, B.Chitwadgi, R.Manoj, M.Tejashwini, H.N. Titled:” “Study and Analysis of the Shop Floor Management Information System to Optimize Productivity in the Metal Process Industry” Journal of Mines, Metals and Fuels, 2023, 71(12), pp.112–118, INFORMATICS JOURNAL. Print ISSN: 0022-2755, 71(12A) Page no. 112-118, **Dec-2023**; DOI: 10.18311/jmmf/2023/43191.
- Gireesh Y M, Nandessh V Hiremath, Nagaraj V Bevinamarad, Sunilkumar R Hiremath, **K V Manjunath**. Titled: “A novel job stress scale for employees in the midst of post covid work environment: Empirical evidence from Indian IT sector” In Journal of Mines, Metals and Fuels. ISSN: 0022-2755, Volume: 71(2), **Feb-2023**, No.223-229, <https://doi.org/10.18311/jmmf/2023/33385>.
- Sudheer D Kulkarni, Manjunatha, Chandrasekhar, **K V Manjunath**, C Durga Prasad, Hitesh Vasudev. Titled: “Design and Optimization of Polyvinyl-Nitride Rubber for

Tensile Strength Analysis” International Journal on Interactive Design and Manufacturing. **June-2023**. <http://dx.doi.org/10.1007/s12008-023-01405-6>.

- K V Manjunath, Ananth Jain D, Sagar S N, Sujana D M. Titled:” IOT Based Multispecialty Farm System” Journal of Huazhong University of Science and Technology, ISSN-1671-4512 Volume: 50, Issue: 03. Page no.1-8. **March-2021**.
- **Manjunath K.V**, Thirtha Prasad, H.P. Titled:” Development and characterization of Aluminum 2214 alloy with using reinforcement of silicon carbide “International Journal of Mechanical and Production Engineering Research and Development, **2020**, 10(2), pp. 453–468, IJMPERDAPR 202041.
- **K. V Manjunath**, Beekam Chandrasekhar Singh, Harshitha. Nayana.G.M, Abhilash.A. Titled: “Study and Analysis of Waste Management in Tumakuru City “Journal of Advanced Research in Industrial Engineering. Volume 02, Issue 02, DOI: <http://doi.org/10.5281/zenodo.3958617>. **July/Aug-2020**, Page no.1-5.
- K V Manjunath, Titled: “Analysis of work-related muscular-skeletal disorders among employees in Garment Industry” In International Journal of Engineering sciences and Technology. A multidisciplinary Publication of VTU- **2019**, P-ISSN: 0975-5462, Vol: 01, No.02, Page no: 60-64.
- **K V Manjunath**, Dr. B Ravi Shankar, Titled:” A Statistical optimization in Ergonomics parameters influencing musculoskeletal disorder in work environment using RCR-WOA method” International Journal of Mechanical and Production Engineering and Development. Volume 08, Issue 04, ISSN (E) 2249-8001, Page No.83-98, **Jun-2018**. DOI: 10.24247/ijmperdaug 201810.
- **K V Manjunath**, Dr. B Ravishankar, Titled:” Analysis of stress and strain leading to musculoskeletal disorders of work related activities using Finite Element Method” In International Journal of Science and Research, Volume 06, Issue 07, ISSN (online) 2319- 7064, Page No.785- 790, **July -2017**.

#### Conference Proceedings:

- “Design, Analysis of a Turning Fixture for Nozzle Guide Vanes and Optimization of Production Time”, Shrinivasa D, **K V Manjunath**,conference proceedings Proc.of

Journal of Mechanical Engineering Research and Technology, Volume 02, 2013,  
Pages 283-293.

#### Book Chapters:

- **K.V.Manjunath**, Nagraj Patil,C.R.Aprameya,S.K.Sunil,Sangamesh Sirsgi. V.Sandeep, Mohan Poojari, “Zero-Energy Buildings- A New Advancement on Energy Saving” Book Chapter: **Advances in Science, Technology & Innovation (ASTI)** Page No. 271–276,: Springer Cham, [https://doi.org/10.1007/978-3-031-63909-8\\_37](https://doi.org/10.1007/978-3-031-63909-8_37), ISBN:978-3-031-63909-8 (online) ISBN:978- 3-031-63908-1 (Print) **Oct-2024**
- Durga Prasad. **K.V Manjunath**,Premkumar Naik, Nagabhushana, N.Praksha “Development of Mo CoCrSi/Flyash Composite cladding on Stainless-steel substrate through Microwave Irradiation” **Thermal Claddings for Engineering Applications**. ISBN: 9781032460543- 2023 By CRC Press: Routeledge Taylor & Francis Group- **2023**,

#### Editor/ Reviewer of Journal

- Nil

#### Patents

- Nil

#### Invited Lectures, talks and workshops

- Nil