

PROFILE OF DR. SKANDA M. G.

Associate Professor | Associate Dean – Quality Assurance & Accreditation |
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Department of Industrial & Production Engineering, SJCE
JSS Science and Technology University, Mysuru, Karnataka, India

Professional Profile

Dr. Skanda M. G. is an academic researcher, and academic administrator with over 16 years of experience in teaching, research, and higher-education administration. He currently serves as Associate Professor in the Department of Industrial & Production Engineering, Sri Jayachamarajendra College of Engineering (SJCE), JSS Science and Technology University, Mysuru, and as Associate Dean – Quality Assurance & Accreditation.

He holds a Ph.D. in Mechanical Engineering Sciences from Visvesvaraya Technological University (VTU), with specialization in Human Factors Engineering. His doctoral research examined the cognitive and behavioural factors affecting human reliability in safety-critical industries. His academic interests bridge Industrial Engineering, Organisational Psychology, Ergonomics, Industrial Safety, Human Reliability, and Human-Centred Design.

During a sabbatical assignment, he worked as a Project Research Scientist on an interdisciplinary defence research project associated with the Aeronautical Development Agency (ADA), DRDO; IDC School of Design, IIT Bombay; and the Aeronautics Research and Development Board (AR&DB), Ministry of Defence, Government of India. The project focused on information display design and Human Systems Integration for advanced fighter aircraft.

Alongside teaching and research, he has extensive experience in institutional quality assurance, accreditation, academic governance, examination administration, curriculum development, and quality management systems. In his current quality-assurance role, he contributes to institutional accreditation and the implementation of ISO 9001:2015 and ISO 21001:2018.

Areas of Expertise and Research Interest

- Human Factors Engineering and Ergonomics
- Human Reliability and Human Error
- Cognitive Psychology in Safety-Critical Systems
- Industrial and Organisational Psychology
- Industrial Safety
- Human-Centred Design and Usability Engineering
- Engineering Management
- Quality Management Systems
- Academic Quality Assurance and Accreditation
- Curriculum Design and Academic Administration

Educational Qualifications

Ph.D. – Mechanical Engineering Sciences	Visvesvaraya Technological University (VTU), Belagavi Awarded: 2020 Specialization: Human Factors Engineering Thesis: “A Comprehensive Study on the Cognitive and Behavioural Factors Affecting Human Reliability of the Workers in Safety-Critical Industries”
M.Tech – Engineering Management	Sri Jayachamarajendra College of

	Engineering, Mysuru, under VTU, Belagavi
B.E. – Mechanical Engineering	The National Institute of Engineering, Mysuru, under VTU, Belagavi

Employment Record at SJCE / JSS STU

Associate Professor	Department of Industrial & Production Engineering, SJCE, JSS STU 2025 – Present
Assistant Professor	Department of Industrial & Production Engineering, SJCE / JSS STU 2016 – 2025
Senior Teaching Fellow	Department of Industrial & Production Engineering, SJCE 2010 – 2016

Professional Membership

- MIE – Life Member, The Institution of Engineers (India)
- ISTE – Life Member, The Indian Society for Technical Education

Academic Governance and Scholarly Contributions

- Member, Board of Studies – Industrial & Production Engineering, JSS STU.
- Member, Board of Examinations – Industrial & Production Engineering, JSS STU.
- Member, Board of Examinations – The National Institute of Engineering, Mysuru.
- Co-author of the technical books Thermal Engineering Science (English) and Lean Manufacturing Principles (Kannada).
- Developed the Kannada version of the Prospective Memory Recall Questionnaire (PMRQ), made available through the University of Edinburgh.
- Reviewer for the international conference Humanizing Work and Work Environment (HWWE), organised by IIT Guwahati, and other academic conferences.