

ACADEMICS

I. Subjects Taught

- Engineering Systems Design.
- Operations Research.
- Operations Management
- Engineering Economics
- Organizational Behavior.
- Intellectual Property Rights.
- World Class Manufacturing.
- Database Management Systems.
- Power Plant Engineering.
- Marketing Management.
- Mechanical Engineering Science.
- Computer Aided Design
- Finite Element Analysis
- Computer Aided Engineering Analysis using ANSYS
- Software Applications Laboratory

II. Fellowship:

Successfully completed Summer Faculty Research Fellowship Program, 2015 (SFRF, 2015) under the guidance of Dr. Varsha Singh in Indian Institute of Technology, New Delhi from 28/05/2015 to 16/7/2015.

III. By invitation

1. Invited to deliver a talk in interaction session held in IIT Indore on the topic "*Application of Pointing and Calling Method in industries to reduce human errors*" in Applied Cognition and Human Factors Laboratory, IIT Indore on 26.04.2019.
2. Invited to be a judge for Paper Presentation "PRATIBIMB 2019", A National Conference Organized in the Dept. of I&PE the NIE, Mysore, April 2019.
3. Invited to be a judge for Paper Presentation "PRATIBIMB 2018", A National Conference Organized in the Dept. of I&PE the NIE, Mysore, April 2018.
4. Invited to deliver a talk in Symposium jointly organized by IIT-Gandhinagar and National Frontiers of Engineering on the theme

‘Cognition and Safety’. Talk delivered on the topic: *Human Error – ‘Just Human, Not Just an Error’* during September 2014.

IV. Doctoral Colloquium

Selected to present research work in ‘Vishleshan, 2019’ a Doctoral Colloquium held in the Department of Industrial and Systems Engineering, IIT Kharagpur. Title of the presentation ‘Understanding the Role of Cognitive and Behavioral Factors in Accident Causation: A Case Approach on Industrial Workers’. Event dates 15.02.2019 to 16.02.2019

V. List of Short-term courses / National level technical symposia Attended / Organized

Training Programs Organized

- Worked as a Subject Matter Expert in National Level Quiz Organized by Dr. Manjunatha B on **“Innovation in Product Design”**, September 2020.
- Worked as an Organizing coordinator in conducting one-week workshop under TEQIP III, NPIU initiative titled **“Work Study Professional”** in the Department of Industrial and Production Engineering from 6.08.2019 to 10.08.2019.
- Worked as an Organizing coordinator in conducting one-week workshop under TEQIP III, NPIU initiative titled **“Value 1.0 & Lean Thinking Inventive Problem Solving Through TRIZ”** in the Department of Industrial and Production Engineering from 6.08.2019 to 10.08.2019
- Worked as a Startup Cell Coordinator to in organizing an **inaugural workshop** to students and faculty members of the institution on 06.04.2018.
- Worked as a Coordinator for **“Startup India – Karnataka Yatra”** Boot Camp and Trainer workshop on 13.12.2018-15.12.2018.
- Organized a talk by our distinguished alumnus Lt. Sharath Mano. Title of the talk **“On becoming Lieutenant: My transitional journey from Corporate to Kargil”** on 27.1.2017

VI. Prominent Trainings/Workshops/Seminar Attended

- Two Weeks FDP on **“Digital Transformation in Teaching Learning Process”** Conducted by IIT Bombay in association with NPIU TEQIP III, 14.02.2020 to 06.03.2020
- FDP (SWAYAM) course on **“Theory and Practice of Non-Destructive Testing”**, Conducted by IIT-Madras, January to April 2020.
- FDP (SWAYAM) course on “Work System Design”, Conducted by IIT-Roorkee July to October 2018.
- FDP on **“Quality Control and Safety in Polymer in Polymer Industries”** organized by Department of Polymer Science and Technology, SJCE, Mysore under NPIU TEQIP III initiative from 27.07.2020 to 31.07.2020.
- FDP on **“Disaster Risk, Vulnerability Assessment and Management”** jointly organized by National Institute of Disaster Management, Delhi and Department of Civil Engineering, Delhi Technological University, Delhi during June 29th - July 3rd, 2020.
- Successful completed Short term course on **‘3D Printing (A Disruptive Technology of this era)’** conducted by Dr. Karunakaran, Chair Professor, Department of Mechanical Engineering, IIT Bombay from August 20-21, 2018.
- Successfully completed GIAN program on **‘Emerging Intelligent Polymer Materials: From Science to Industrial Application’** conducted by Department of Polymer Science and Technology, SJCE, Mysuru from 15.08.2018 to 27.08.2018
- Participated in a workshop on **“Spectrum of Intellectual Property Rights with special emphasis on patents”** on 28 Feb 2018 at JSS science and Technology University, Mysuru
- Participated in a one-week Faculty Development Program on “Strength Based Personality Development Programme” organized by SJCE, Mysore under TEQIP-II from 30th Dec 2016 to 3rd Jan 2017.

- Participated in a 3 days Short term course on '**Industrial Safety Engineering**' conducted by Indian Institute of Technology, Kharagpur from 16.2.2015 to 18.2.2015
- Participated in a workshop on '**Design Innovation**' conducted by CPDM, Indian Institute of Science (Centre for Product Design and Manufacturing, IISc) in Bangalore from 21.07.2014 to 2.8.2014
- Participated in a workshop on '**Ergonomics and Design issues**' held as a part of International Ergonomics Conference conducted by Indian Institute of Technology, Guwahati, in Guwahati from 1.12.2014 to 5.12.2014
- Participated in three days' workshop on '**Research Methodologies & Latex**' held at VVIET, Mysuru from 29.12.2014 to 31.12.2014 organized by VTU, Belagavi.

VII. International Certifications:

1. "**The 3D Printing Revolution**" course offered by University of Illinois at Urbana-Champaign, completed on 08.05.2020.
2. "**Material Science: 10 Things Every Engineer Should Know**", course offered by University of California, Davis. Completed on 19.05.2020
3. "**Intelligent Machining**" course offered by State University of New York, Completed on 28.06.2020
4. "**Advanced Manufacturing Process Analysis**", course offered by State University of New York, Completed on 28.06.2020.
5. "**Safety in the Utility Industry**", course offered by State University of New York, Completed on 06.09.2020

VIII. Other Prominent Training and Courses Attended

1. Attended the Online training programme on **TRIZ: Shortcut to Innovative Solutions**, organized by Indian Machine Tool Manufacturers Association on 27.04.2020.
2. Nominated to attend a National Conference on "**Combat Depression for Professional and Public**" organized by Department of Pharmacology and Psychiatry, JSS Medical College on 22.10.2018 to 23.10.2018.

3. Deputed under TEQIP-III to attend a training on **'3D Printing (A Disruptive Technology of this Era)'** in IIT-Bombay from August 20-21st, 2018.
4. Attended **'Autodesk Thought Leadership Meet 2018'** in Association with ICT Academy in Hotel Le Meridian, Bengaluru on 25.09.2018.
5. Deputed to attend the meeting **"3DS Experience Forum 2018"** in Leela Palace, Bengaluru organized by Dassault Systems on 04.09.2018.
6. Deputed under TEQIP-III to participate in one day National Symposium on **"Emerging Trends in Industrial Safety & Health"** in JSS ATE, Bengaluru on 04.07.2018.
7. Participated in workshop on **"Spectrum of Intellectual Property Rights with Special Emphasis on Patents"** on 28 Feb 2018 at JSS Science and Technology University, Mysuru.