

Name:	Ms.Sowmya C
Designation:	Assistant Professor
EMP ID:	711
Department:	Industrial and Production Engineering
Institution:	SJCE, JSS S&TU, MYSURU

SUBJECTS TAUGHT

- Metrology and Measurements
- Manufacturing Process I
- Basic Workshop Practice
- Metrology Lab
- Quantitative Techniques Lab
- Engineering Thermodynamics
- Dynamics of Machines
- Engineering Graphics
- Mechanical Engineering Science
- Computer Aided Machine Drawing
- Computer Aided Manufacturing
- Management and Entrepreneurship
- Computer Aided Engineering Analysis
- Non Traditional Machining
- Lean Manufacturing
- Material Testing Lab
- Industrial Engineering Lab
- Mechanical Lab

LIST OF SHORT-TERM COURSES/FDP ATTENDED

FDP ATTENDED

SL. NO	PROGRAM TITLE	PROGRAM VENUE	DATE	DURATION
YEAR 2016				
1.	Pedagogy of Instructional	SJCE, MYSURU	30 th May to 4	1 week

	Design and Deliver System		June 2016	
2.	Computational Linear Algebra	SJCE, MYSURU	7 th -11 th December 2016	1 week
YEAR 2017				
3.	Strength Based Personality Development Programme	SJCE, MYSURU	30 th Dec 2016 to 3 rd Jan 2017	1 week
4.	Research Methodologies	JSS science and Technology University, Mysuru	18 th to 19 rd Nov 2017	2 days
YEAR 2018				
5.	Spectrum of Intellectual Property Rights with special emphasis on Patents	JSS science and Technology University, Mysuru.	28 Feb 2018	1 day
6.	Lean Innovation	NIE, Mysuru	16 th to 17 rd April 2018	2 days
7.	How to do a Good Ph.D and How to Write papers/thesis using Latex?	JSS science and Technology University, Mysuru.	17 th to 18 th May 2018	2 days
8.	Emerging Intelligent polymer Materials: From Science to Industrial Application	SJCE, MYSURU	16 th to 27 th July 2018	2 weeks GIAN
9.	Corporate wellness conference- Wellness and wellbeing for a happy workplace	Hotel Radisson Blu, Mysuru in association with (CII) confederation of Indian Industry	29 th Nov 2018	1 day
YEAR 2019				
10.	Composite materials and structures: Processing and Fabrication, Analysis and Design	SJCE, MYSURU	31 st Dec 2018 to 11 th Jan 2019	2 weeks GIAN
11.	Lean Manufacturing Techniques	MITM and QCFI, Mysuru	25 th Feb to 1 st March 2019	1 week
12.	Japanese Culture and Management	JSS science and Technology University, Mysuru.	23 March 2019	1 day
13.	Calibration of Advanced Metrology Instruments	SJCE, MYSURU in association with National Accreditation Board for Testing and Calibration Laboratories” (NABL)	24 th April 2019	1 day
14.	Avenues in Advanced manufacturing and Mechanical Engineering	The National Institute of Engineering, Mysuru	13 th to 17 th May 2019	1 week
15.	Envisioning the Faculty Role in Education” on held at	JSS science and Technology University, Mysuru	28 May 2019	1 day

16.	Engineering Graphics and Design-Teaching Methodology and Evaluation Procedure	SJCE, MYSURU	8 th - 12 th July 2019	1 week
17.	CNC Training and CAE	SJCE, MYSURU	1 st -05 th August 2019	1 week
18.	Work Study Professional	SJCE, MYSURU	6 th - 10 th August 2019	1 week
19.	Advanced Quality Approach For Industry 4.0	SJCE, MYSURU	19 th – 23 rd August 2019	1 week
20.	Value 1.0 & Lean Thinking Inventive Problem Solving Through TRIZ	SJCE, MYSURU	26 th – 31 st August 2019	1 week
YEAR 2020				
21.	Digital Transformation in Teaching Learning Process	TEQIP online Certification course. Funded by MHRD, govt. Of India.	14 th Feb to 6 th March 2020	2 week (Online)
22.	webinar on Online Tools For Researchers	Department Of Electrical and Electronics Engineering, Albertian Institute of Science and Technology, Kalamassery, Kochi-682022	July 7th 2020	1 day (online)
23.	webinar on Insights to INDUSTRY 4.0	Department Of Mechanical Engineering, S.A Engineering college (Autonomous), Chennai, India.	29 th MAY 2020	1 day (online)
24.	Embedding Research & Development In Academic Environment	Department of Electrical and Electronics Engineering , SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, Bangalore	1st June to 3rd June 2020	3 days (online)

25.	NBA and NAAC Accreditation Process	Internal quality Assurance cell (IQAC) M S Ramaiah institute of Technology, Bangaluru.	4 th to 8 th June 2020	1 week (online)
26.	“Effective Technical Report Writing Using Latex”	Department Of Electronics and communication Engineering, MGIT, Hyderabad	8 th to 9 th June 2020	2 days (online)
27.	Nanocomposites and Nanomaterials & it's Characterization	Department Of Mechanical Engineering, Vimal Jyothi Engineering College, chemperi, kannur, kerala.	8 th to 20 june 2020	2 week (online)
28.	webinar on Recent Advances in the Processing of Light Weight Metallic Materials	Department Of Mechanical Engineering, Bethlahem Institute of Engineering	15 th June 2020	1 day (online)
29.	Advances in Machining Process	Department of Mechanical Engineering, PES Institute of Technology and Management, Shivamogga	17 th to 19 june 2020	3 days (online)
30.	Fracture Mechanics	PESITM, Shivamogga	24 th to 26 th June 2020	3 days (online)
31.	Research Workshop	BIRDS (BELL INSTITUTE OF RESEARCH AND DEVELOPMENT STUDIES) A Division Of Bell Foods Group, Kochi, Kerala, India	25 th to 29 th June 2020	1 week (online)
32.	New Teaching Strategies and Techniques	Research Affairs Committee, Under SOP Cell, B.L.D.E.Association's Shree Sanganabasava Mahaswamiji Polytechnic, Vijayapur -03	29 th June to 3 rd July 2020	1 week (online)
33.	Design of Solar Systems for	Department of	22 nd July 2020	1 day

	Homes	Mechanical Engineering in association with Centre renewable Energy GM Institute of Technology Davangere, Karnataka		(online)
34.	Industry 4.0: Smart Manufacturing for Future.	Department of Industrial Engineering and Management, Siddaganga Institute of Technology, Tumakuru	27 th to 29 th July 2020	3 days (online)
35.	Quality Control and Safety in Polymer & Allied Industries	Department of Polymer Science and Technology, SJCE, MYSURU.	27 th to 31 st July 2020	1 week (online)
36.	Engineering Management and Entrepreneurship	Department of Mechanical Engineering, JSS STU, SJCE, MYSURU.	5 th to 7 th August 2020	3 days (online)
37.	Additive Manufacturing, 3D printing and its Applications	Department of Mechanical Engineering, JSS STU, SJCE, MYSURU.	8 th August 2020	1 day (online)
38.	Cryogenics And Its Applications	Department of Mechanical Engineering, JSS STU, SJCE, MYSURU.	12 th to 14 th August 2020	3 days (online)
39.	Research & Innovation	Department of Information Science and Engineering, VVCE, Mysuru.	17 th to 21 st August 2020	1 week (online)
40.	Technical Quiz on “Innovation in Product Design”	Department of Industrial & Production Engineering, JSS STU, SJCE, MYSURU.	02 nd to 06 th September 2020	Quiz
41.	Healthy Life Style Management During And After Covid Scenario	Dept of physical & education & COVID CELL, SJCE, JSS STU, MYSURU	19 th to 23 rd October 2020	1 week (online)
42.	Six Days Online Short Term Training Programme "Intellectual Property for Engineers & Scientists" -	AICTE, New Delhi under AQIS sponsored	23 rd to 28 th November 2020	1 week (online)

	Phase 2			
43.	Six Days Online Short Term Training Programme "Intellectual Property for Engineers & Scientists" - Phase 3	AICTE, NewDelhi under AQIS sponsored	14 th to 19 th December 2020	1 week (online)
YEAR 2021				
44.	Fundamental Concepts on Tribology – An Overview	Cauvery Institute of Technology, Mandya, Karnataka	9 th Jan 2021	1 day (online)
45.	Smart Manufacturing through machine Vision and Artificial Intelligence	Dr. Ambedkar Institute of Technology, Bangalore, Karnataka, India	12 th June 2021	1 day (online)
46.	Significance on Quality Management – An Overview	Dr. Ambedkar Institute of Technology, Bangalore, Karnataka, India	19 th June 2021	1 day (online)
47.	Workshop on Swyam-NPTEL and MOOCs	G H Raisonni Institute of Engineering and Technology, Nagpur in association with Rashtrasant Tukdoji Maharaj Nagpur University.	26 th June 2021	1 day (online)
48.	Lean Six Sigma Yellow Belt Training	Department of Industrial Engineering & Management, Siddaganga Institute of Technology, Tumakuru.	7 th July 2021	1 day (online)
49.	Art of Writing Research Article and IPR	Department of Information Science and Engineering in association with Technical	19 th July 2021 to 23 rd July 2021	1 week (online)
50	ATAL FDP on Lean Thinking for Sustainable Business Practices	AICTE Training And Learning (ATAL) Academy, SRM Institute of Management and Technology	16 th August 2021 to 20 th August 2021	1 week (online)

SWAYAM COURSES DETAILS OF SWAYAM COURSES COMPLETED

SL. No.	Course Name	Duration	Certification	Course Offered by
YEAR 2020				
1.	Automation in manufacturing	Sep – Dec 2020	Elite	IIT, Guwahati
2.	Entrepreneurship & IP Strategy	Sep – Nov 2020	Elite	IIT, Kharagapur
3.	Six sigma	Jan – April 2020 (12 Weeks)	78%	IIT, Kharagapur
4.	Operation Management	Jan – April 2020 (12 Weeks)	100%	IIT, Roorkee
5.	ARPIT Course for Career Advancement Scheme (CAS) Promotion on “Skills for New Education Architecture”	Feb 2020	C GRADE	Sant Gadge Baba Amaravti University
YEAR 2019				
1.	Toyota Production System	Aug-Oct 2019 (8 Weeks)	Elite	IIT, Roorkee
2.	Engineering Metrology	July-Oct 2019 (12 Weeks)	Elite	IIT, Kanpur
3.	Introduction to Research	Feb- April 2019 (8 Weeks)	Elite	IIT, Madras
4.	ARPIT Course for Career Advancement Scheme (CAS) Promotion on “Pedagogical Innovations and Research Methodology”	March 2019	B GRADE	Guru Jambheshwar University of Science & Technology Hisar

COORDINATED FOR FOLLOWING ACTIVITIES

- Worked as one of the coordinator for SwacchtaPakhwada programme held from 1st September to 15th September 2017.
- Coordinated as volunteer for the event “NATIONAL CONVENTION OF QUALITY CIRCLES” (NCQC) organized by JSS Science and Technology University in association with Quality Circle Forum of India from 1st to 3rd December 2017 at JSS TI Campus, Mysuru.
- Worked as volunteer in felicitation committee under the guidance of Dr. Savitha M for 8th Graduation day
- Participated in International Yoga Day representing SJCE held in Mysore Racecourse for Guinness record.

- Coordinator for one day Seminar on “Renewable Energy” by Mr. Dinesh Kumar, KREDL, Mysuru Organized by Department of Industrial and Production Engineering, S.J.C.E, Mysuru in association with KREDL, MYSURU on 16th August 2019.
- Coordinator for one week Faculty Development Program on “Advanced Quality Approach for Industry 4.0” sponsored by TEQIP-III and organized by the Department of Industrial and Production Engineering, S.J.C.E. Mysuru from 19th – 23rd August 2019.
- Coordinator for Invited Talk on “Management of memory and concentration – challenges and opportunities” by Dr. Hanumanthachar Joshi, Professor and Principal, Sarada Vilas College of Pharmacy, Mysuru sponsored by TEQIP-III and organized by the Department of Industrial and Production Engineering, S.J.C.E. Mysuru on 17th September 2019.
- Delivered lecture (Twinning Program) in one week Faculty Development Program on “CNC Training and CAE” sponsored by TEQIP-III and organized by the department of Mechanical Engineering and Department of Industrial and Production Engineering, S.J.C.E. Mysuru from 1st - 05th August 2019.
- Attended Final Project Viva voce Examination as an External Examiner for UG students in the department of Industrial and Production Engineering, NIE, Mysuru on 6th June 2019.
- Member of Departmental Academic Integrity Panel (DAIP).
- Departmental NBA and ERP coordinator.
- Departmental co-ordinator of COVID CELL.
- MIE Life Member - Institution of Engineers (India).

INDUSTRIAL VISITS

- Accompanied students for Industrial visit “The Indian Machine Tool Exhibition”, 2017 in Bengaluru on 28.1.2017
- Accompanied students for Industrial visit “Nandini Hi-Tech product plant” on 13-04-2017. Channarayana tq. Hassan Dist.
- Accompanied students of Industrial and Production Engineering and Electronics and Communication Engineering for Industrial visit to “Automotive Axles Limited”, Mysuru on 22nd August 2019.

ACADEMIC EXPERIENCE

- From August 2014 to October 2016 (**2 year 2months**) , worked as Senior Teaching Fellow (Visiting) in the Department of Industrial & Production Engineering, Sri Jayachamarajendra College of Engineering (SJCE), Mysore.

INDUSTRIAL EXPERIENCE

- Apprentice Training in BEML, Mysuru during 2006 – 2007.
- Four Year experience as **Quality Supervisor** at Unilog Content Solutions, Mysuru from August 2007- July2011.