

Profile of Dr. SAVITHA .M

Name : Dr. SAVITHA M

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1. Degrees Obtained, with field, Institutions and dates:

Period	Qualification	University / Institution	Subject / Field
2008-2016	Ph.D	VTU, Belgaum	Mechanical Engineering/ Composite Materials/ Nano Materials/ Materials Manufacturing and Management
2005-2007	M-Tech	NITK, SURTHKAL	Materials Science and Metallurgy
Aug '1993	B.E	University of Mysore	Industrial and Production Engineering

2. Employment record in Institution (in order starting from present position)

University / College	Designation	Period
Sri Jayachamarajendra College Engineering: S.J.C.E, Mysuru Dept. of I&P Engg	Associate Professor	April 2013 to April 2016
S.J.C.E, Mysuru Dept. of I&P Engg	Assistant Professor	April 2010 to April 2013
S.J.C.E, Mysuru Dept. of I&P Engg	Lecturer (Senior Scale)	April 2002 to April 2010
Mysore: S.J.C.E, Mysuru Dept. of I&P Engg.	Lecturer	April. 2000 to April. 2002

3. Membership in Scientific & Professional Societies with abbreviations

- ☐ FIE Life Member - Institution of Engineers (India).
- ☐ MISTE Life Member - Indian Society for Technical Education.

4. Membership of University / Institution Authorities

- ☐ Member, Board of Examinations, NIE, Mysuru.
- ☐ Alumni Advisory Member, Board of Studies, NIE, Mysuru.
- ☐ Member, Board of Examination PESCE, Mandya.
- ☐ Member, Board of Studies, PESCE (Autonomous), Mandya.
- ☐ Member, Board of Examinations, SJCE (Autonomous), Mysuru.
- ☐ Member, Board of Studies, SJCE (Autonomous), Mysuru.
- ☐ Member, Board of Examinations, JSS S&T University, Mysuru.
- ☐ Member, Board of Studies, JSS S&T University, Mysuru.

Other Assignments

- ☐ Coordinator and Organized Alumni Technical Talk Series in the department - 2014
- ☐ Coordinator for a 15 Days INDUCTION Program conducted for 1st year students of year 2018 -19 SJCE, JSSSTU , MYSURU 3.
- ☐ Coordinator for MODROB , AICTE project for year 2018,
- ☐ Coordinator for Induction program for 1st year students according to AICTE

Norms, New Delhi – 2019

- Chief Coordinator for Induction program for 1st year students according to AICTE Norms, New Delhi ,2020

ACADEMICS

1. Subjects Taught

- Mechanical Engineering Science
- Engineering Graphics
- μ p – Micro Processor 8085
- Computer Aided Machine Drawing [CAMD]
- NX software for computer lab
- Management Information System
- Computer Aided Manufacturing
- Hydraulics and Pneumatics
- Fluid Mechanics
- Industrial Metrology
- MECHATRONICS
- Additive Manufacturing
- Engineering Economics
- Production Technology-I
- Production Technology-II
- Production Technology-III
- Materials Management

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

From 2001 to till date workshop/ seminar /FDP/CONFERENCES attended

Sl.No.	Date	Course Name	Held at/ Organised by	Duration	Sponsored by
1	30th Oct -3rd Nov 2001	CAD/CAM Robotics	Dept of Mechanical, Ghousia College of Engg., Ramanagara	1 week	SJCE, Mysore
2	8th Oct -19th	Computer Applications	Dept of Civil	2 week	AICTE- ISTE
	Oct 2001	in Civil Engineering	Engg., SJCE, Mysore		
3	12th Nov - 24th Dec 2001	Pro/ENGINEER Level-1	Powermetric, SJCE campus,SJCE Mysore	4week(1month)	PTC certified training Centre
4	19th Nov - 23rd Nov 2001	Data Base Systems	ITPL, Bangalore	1 week	Iiit-b&BiTES
5	22nd Mar 2003	ISO 9000 standards for Educational institutions	Dept of Mechanical Engg., SJCE, Mysore	1 Day	SJCE, Mysore
6	7th July -19th July 2003	FDP on Entrepreneurship	SJCE-STEP	2 week	NSTEDB, Dept of Science & Technology, New Delhi
7	28th July -9th Aug 2003	Recent Trends in Material Science and Mathematical Modelling	Dept of Polymer Science & tech, Dept of Mathematics	2 week	AICTE-ISTE
8	22nd Nov - 03rd Dec 2004	Precision Manufacturing & Nano technology(PAN)	Dept of Mechanical Engg., PES college , Mandya	2 week	AICTE-ISTE
9	6th June 2005	Seminar on Intellectual property Rights & Patent	JSS Academy of Tech Education, Bangalore	1 day	JSS Academy , Bagalore

10	11th July – 23rd July 2005	Soft skills & Efficiency Enhancement	Dept of Electronics & Communications, SJCE, Mysore	2week	AICTE , New Dehli
11	1st June -15th July 2006	Industrial Training in Foundry & Forge Division	HAL, Bangalore-17	6week (1 ½ months)	HAL Bangalore
12	30th Mar 2007	Materials Characterization	Dept of Metallurgical & materials Engg, NITK Surathkal	1day	NITK Surathkal
13	23rd July to 25 th July 2007	Workshop on UGS – SOLID EDGE	SJCE, MYSURU	2 days	By VTU, Balgaum
14	31st May to 3rd June 2008	Rejuvenation CAMP, for Teaching, Non Teaching, Hostel Wardens	Sri Suttur Kshetra	4days	JSS Mahavidya Peeta, Mysore
15	16th June 21st June 2008	Recent Developments In Advanced materials	NITK, Surathkal	1week	AICTE7ISTE, NewDelhi
16	22nd June to 24th June 2008	Faculty Awareness Camp on Entrepreneurship(FACE)	NITK, Surathkal	3days	ISTE-NSTEDB, New Delhi
17	13th Aug to 14th Aug 2008	Novel Materials and their Applications	Dept of Physics , SJCE, Mysore	2days	TEQIP I
18	18th October 2008	Significance of 3D Modelling and Design Validation	SJCE, Mysore	1day	VTU Belgaum
19	28th June to 8th July 2011	Basic Electronics	Conducted by IIT Bombay	2 week	ISTE,ICT(MHRD)
20	18th July to 1st Aug 2011	Sensors and Robotics	Electronics and Communication Engineering,	2 week	ISTE, SJCE, Mysore
			Acharya Institute of Technology, Bangalore		
21	1st Aug to 03rd Aug 2011	Basic Hydraulics and Pneumatics	At SJCE, Mysore	2days	VTU- Bosch Rexorth Center of Competence in Automation Technology, Mysore
22	21st Nov to 22nd Nov 2011	Research Methodologies and Latex	At Vidyavardhaka College of engineering , Mysore	2 days	VTU e - Learning Centre, SJCE , Mysore

23	16th March 17th march 2012	Role of nano composites in Die electric and Devices	Dept of Electronics and Communication of Engineering,	2 days	TEQIP II, SJCE Mysore
24	26th March to 30th March 2012	Quantitative Research Techniques	Dept of Mechanical Engineering, BBDT College of Engg., Davengere	1 week	TEQIP II SJCE Mysore
25	25th June to 4th July 2012	Introduction to Research Methodologies	SJCE, Mysuru	2 week	ISTE, ICT (MHRD)
26	31st July to 1st Aug 2012	Role of Science & Technology in Rural Development	Jointly Organised by KSCST , VGS&T, (DST- GOK) and SJCE	2 days	SJCE, Mysore
27	25th Aug 2012	Mission 10x conclave 2012	Vidhya Vikas institute of Technology	1 day	WIPRO, Bangalore
28	11th Dec to 21st Dec 2012	Engineering Thermodynamics	ISTE Workshop	2 week	ISTE, ICT (MHARD)
29	1st July to 5th July 2013	Teaching the Teachers on CNC Technology	Dept of Mechanical Engineering, SJCE , Mysuru	1 week	JSS Academy of technical Education Bengaluru and Micromatic machine Tools Pvt .Ltd
30	24th Aug 25th Aug 2013	Examination & Evaluation, Academic Auditing & Quality Assurance	Dept of Environmental Engineering, SJCE Mysuru	2 days	TEQIP phase II, SJCE, Mysuru
31	30th Aug 31st Aug 2013	POLYMER COMPOSITES	DEPT OF POLYMER Science and Technology	2 days	TEQIP phase II, SJCE, Mysuru
32	30th June 2014	Guidance and Counselling workshop for women faculty to Improve the Performance of Girl Students in Engineering Programmes	SJCE , Mysuru	1 day	TEQIP II SJCE, Mysuru
33	30th July to 31st July 2014	FINANCIAL MANAGEMENT	SJCE , Mysuru	2 days	TEQIP II SJCE, Mysuru
34	21st Aug to	National Level	Dept of	3 days	TEQIP II
	23rd Aug 2014	Workshop on mathematics behind machine Learning	Information Science & Technology		SJCE, Mysuru

35	5th Sep to 6th Sep 2014	Essentials of La Tex	Dept of Electronics and Communication, SJCE, Mysuru	2 days	TEQIP II SJCE, Mysuru
36	15th Sep to 20th Sep 2014	Testing and Characterization of polymeric materials	Dept. of Polymer Science and Technology	1 week	TEQIP II SJCE, Mysuru
37	3rd Sep to 4th Sep 2014	HUMAN RELATIONS AT WORK	SJCE, Mysuru	2 days	TEQIP II SJCE, Mysuru
38	29th may to 30th May 2015	Modelling and Fabrication of Smart Materials and Nano devices for sensor applications	Dept of Electronics and Communication Engineering, SJCE, Mysuru	2 days	TEQIP II SJCE, Mysuru
39	29th May to 4th June 2016	Pedagogy of instructional Design and Delivery System	SJCE, Mysuru	6 days -1 week	TEQIP II SJCE, Mysuru
40A	29th May to 4th June 2016	UNESCO –Bangkok e –Learning Series on Information communication Technology in Education Module 1 – Essentials Module 2 – Decision Making	SJCE, Mysuru	6 days -1 week	TEQIP II SJCE, Mysuru
40	24th June to 25th June 2016	Research Avenues in biometrics and Forensic Science	Dept of Instrumentation Technology & Department of master of Computer Applications	2 days	TEQIP II SJCE, Mysuru
41	17th July to 22nd July 2016	Basic & Intermediate NX Design including assemblies with NX 10.0	PACE Annual pre – Forum training	1 week	Self Sponsored
42	31st Aug 2016 to 4th Sep 2016	Advances in Pattern Recognition : An Approach through MATLAB	Dept of E&CE and Dept of E&E Engg., SJCE Mysuru	1 week	TEQIP II SJCE, Mysuru
43	7th Dec to 11th Dec 2016	Computational Linear Algebra	Dept of E&CE, SJCE, Mysuru	1 week	TEQIP II SJCE, Mysuru
44	23rd March to 28th Mar 2017	COMPOSITES: Design and Manufacturing	Dept.of I&PE, PES, Mandya	1 week	Self Sponsored TEQIP II And in association with Metallurgicals, Bengaluru

45	20th May 2017	National Seminar on- Advanced materials for better Future	Dept. Mechanical Engg., Vidhya Vikas Institute of Engg and Tech., Mysuru	1 day	Self Sponsored
46	19th Dec to 30th Dec 2017	Interactive machine Translation	Dept of Computer Science & Engg., SJCE Mysuru	2 week	MHRD, NPIU, New Delhi
47	4th to June 8th June 2018	SAM national workshop - Capacity building for Women managers in higher Education	Dept of Computer Science & Engg., SJCE Mysuru	1 week	TEQIP III - NPIU
48	16TH - 27TH JULY 2018	GIAN PROGRAMME ON - EMERGING INTELLIGENT POLYMER MATERIAL FROM SCIENCE TO INDUSTRIAL APPLICATION	DEPT OF POLYMER SCIENCE AND TECHNOLOGY, SJCE, JSSTU, MYSURU	15 DAYS (2 WEEKS)	TEQIP III - NPIU
49	13 TH TO 17TH NOV 2018	FDP ON - RECENT TRENDS IN SMART MATERIALS AND THEIR APPLICATIONS	DEPT OF POLYMER SCIENCE AND TECHNOLOGY JOINTLY WITH PHYSICS DEPT, SJCE, JSSTU, MYSURU	ONE WEEK	TEQIP III - NPIU
50	29TH DECEMBER 2018	NATIONAL MATHEMATICS DAY	DEPT OF MATHEMATICS, SJCE, JSSTU MYSURU	1 DAY	TEQIP III - NPIU
51	31ST DEC – 11TH JAN 2019	TWO WEEK GIAN COURSE ON “ COMPOSITE MATERIALS & STRUCTURES: PROCESSING AND FABRICATION, ANALYSIS AND DESIGN	DEPT OF POLYMER SCIENCE AND TECHNOLOGY, SJCE, JSSTU, MYSURU	TWO WEEK	TEQIP III - NPIU

CONFERENCES/(National/International)

Sl.No.	Date	Course Name	Held at/ Organised by	Duration	Sponsored by
1	5th oct to 6th oct 2007	AMMP2007 ADVANCES IN MATERIALS AND MANUFACTURING PROCESSES	University BDT college of Engineering, Davanegere	2 days	TEQIP 1 Oral presentation
2	8th oct to 13 th oct 2007	IUMRS-ICAM 2007	IISC, Banagalore ASOKA Hotel, Banagalore	5days	SJCE Mysuru Poster presentation
Tribiological properties of GV Composites with and without Sic Fillers					
3	24th oct to 25th oct 2007	ICAMC -2007 Advanced Materials And Composites	National Institute for Interdisciplinary science & technology(NIIST)CSIR, Thiruvananthpuram	2days	SJCE Mysuru, Poster Presentation
4	15th November to 16th November 2007	61th Annual Technical Meeting of the Institute	Mumbai	2days	SJCE Mysuru, Poster Presentation
5	I st Paper -19th May 20th may 2008	Macro'08 NCEPRS	Polymer Science & TechnologySJCE, Mysuru	2days	SJCE Mysuru, Oral Presentation
6	2nd Paper -19th	Macro'08	Polymer Science &	2days	SJCE Mysuru,
	May 20th may 2008	NCEPRS	TechnologySJC E, Mysuru		Oral Presentation
7	2nd July to 4th July 2008	IC-ICAME International Conference on Advances in Mechanical Engineering	IISc , Bangalore	3days	SJCE Mysuru, Oral Presentation
8	14th Nov to 16th nov 2008	62nd Annual Technical Meeting	Greater Noida / New Delhi	3 days	SJCE Mysuru
9	Paper 1-5th Oct to 9th Oct 2008	MS&T'08 Polymer matrix composites Session 1	Pittsburgh, Pennsylvania, USA	1week	TEQIP 1, SJCE, Mysuru Poster presentation
Experimental Study on Tensile and Flexural Behaviour of Glass Vinyl ester					

Composites with and without graphite fillers and FEA					
10	Paper 2 - 5th Oct to 9th Oct 2008	MS&T'08 Polymer matrix composites Session 1	Pittsburgh, Pennsylvania, USA	1week	TEQIP 1, SJCE, Mysuru Oral presentation
11	15th Nov to 16th Nov 2011	IIm, 65th Annual Technical Meeting	Hyderabad	2days	TEQIP 1 SJCE, Mysuru Oral presentation
12	7th Jan to 9th Jan 2013	3rd International Conference on Recent advances in Material Processing technology	Dept of Mechanical Engineering, National Engineering College, K.R Nagar, Kovilpatti	3 days	TEQIP II SJCE, Mysuru Oral presentation
Experimental Investigation on Impact Behavior by Varying Percentage Addition of Sic particulate Fillers in Glass Vinyl Ester Composites					
13	25th April to 26th April 2014	6th National Conference on Advances in polymeric Materials POLYCON 2014	Jointly organised by Dept of PS&T and Indian Rubber Institute, SJCE, Mysuru	2 days	Self Sponsored permission by SJCE, Mysore
14	25th July to 26th July 2016	2015-2016 PACE Project Competition	2016 PACE Global Annual Forum , Cincinnati, Ohio USA	1 week	Self Sponsored permission by SJCE, Mysore
Reconfigurable Shared – Use Mobility Systems RSMS Team #6					
15	21st April to 22nd April 2017	ICAMES-17/International Conference on Advances in Mechanical Engineering	PES College , Mandya, Karnataka, INDIA	2 days	Oral presentation

Product – Innovative Axle Design for Multi Purpose Vehicle					
16	21st April to 22nd April 2017	ICAMES-17/International Conference on Advances in Mechanical Engineering	PES College , Mandya, Karnataka, INDIA	2 days	Oral presentation
Product - Intelligent And Integrated Solar Street Light					
17	21st April to 22nd April 2017	ICAMES-17/International Conference on Advances in Mechanical Engineering	PES College , Mandya, Karnataka, INDIA	2 days	Oral presentation
Product – Electric Power Generation From Hybrid Parabolic Solar Cooker					

Journal Papers published

Sl.No.	Date	Conference Name	Title of the paper
1	Oct 2016	IRJET- International Refereed Journal of Engineering & Technology	Vol-1, Issue – 1 im Factor 4.45 Three –body Abrasive wear behaviour of particulate –filled Glass – Vinyl ester composites using taguchi method & Fuzzy logic
2	Feb 2018	International journal of mechanical and Production Engineering Research and Development - IJMPERD	Scoopus Indexed ICV impact Factor 6 Synthesis and Characterization of Mechanical properties of Nano TiO ₂ particulate reinforced Al- MMC

In Year -2019 -2020

1. Conducted a one day workshop /quiz on Awareness Programme on Energy Conservation for Engineering Students , by Karnataka Renewable Energy Development Limited (KREDL) Solar Energy, in association with JSS Mahavidyapeetha ,Dept of Industrial and Production Engg. SJCE, Mysore on 16th august 2019
2. Conducted a One week FDP- faculty Development Program on “ Advanced Quality Approach for Industry 4.0” under TEQIP III from 19th to 23rd , August 2019
3. Speaker for the 5-day faculty Development program on “ A Paradigm Shift in Management” on MIS – Management Information System, held from 16-06-2020 to 20-06-2020 at BITM Bellary, Karnataka
4. Invited as Chair person for the Technical Session for 2nd International Conference (ICAMES - 2K20) - International Conference on Advances in Mechanical Sciences, Organised by Department of Mechanical Automobile, Industrial and Production Engg., under TEQIP III , from 28th & 29th February 2020, in association with State University of New York (SUNY), Binghamton, New York, USA and in collaboration with IFERP
5. **International conference:** TRENDS IN MECHANICAL SCIENCES (ICTMES 2020) 06 – 07 August 2020, Malnad College of Engineering, Hassan, India
“Preparation and characterisation of temperature regulating silk cocoon extract (SERICIN)/PVA based smart fabric”

3. Ph.D Guided/Guiding:

Sl. No	Name of the Candidate	Year of Registration	Year of Completion	Remarks
1	Bhavya , Mechanical Dept	2021	Registered under SJCE, JSSSTU, MYSORE	-
2				
3				