

KLE Institute of Technology, Hubballi 580 027  
Faculty Profile



**Name: Sharanabasappa C.Sajjan**

<b>1.</b>	<b>Educational, professional qualifications, and trainings</b>				
<b>1.1.</b>	<b>Educational Qualification (from highest to basic)</b>				
<b>S.N.</b>	<b>Degree</b>	<b>University / College</b>	<b>Discipline</b>	<b>Year of Passing</b>	<b>Class obtained</b>
a)	Ph.D	I.I.T.Madras	Ocean Engg Fluid Structure Interaction	2014	---
b)	M.Tech	V.T.U, Belagavi	Design Engg	2002	First Class
c)	B.E	Karnataka University Dharwad	Mech Engg	1993	First Class
d)	D.B.M	S.N.Welingkar Institute, Mumbai	Business Management	1998	B grade
<b>1.2.</b>	<b>Training programmes attended</b>				
<b>S.N.</b>	<b>Subject Area of Training</b>	<b>Organization</b>	<b>Place</b>	<b>Period / Duration</b>	
a)	Applications of Thermodynamics	PESITM	Shivamogga	13 – 17 July 2020 / 1 week	
b)	Research Proposal Writing and Opportunities in the field of Science, Engineering and Management”	Bangalore Institute of Technology	Bangalore	6 - 11 <sup>th</sup> July 2020 / 1 week	
c)	National Programme on Technology Enhanced Learning	IIT Madras	Chennai	25/1/2020 1 day	
d)	Digitalizing Design Through Transformation and Innovation	Department of Mechanical Engg., KLEIT	Hubli	22 - 26 <sup>th</sup> July 2019 / 1 Week	
e)	Thermal Engineering and Its Applications	Department of Mechanical Engg., KLEIT	Hubli	21- 25th Jan., 2019 / 1 Week	
f)	Life Cycle Management Symposium	KLE Tech University	Hubli	9 <sup>th</sup> March 2019 / 1 day	
g)	National Programme on Technology Enhanced Learning	IIT Madras	Chennai	26/7/2019 / 1 day	
h)	Finite Element Analysis and Its Application Using Ansys Workbench	Department of Mechanical Engg., KLEIT	Hubli,	26 - 30th June 2018 / 1 Week	
i)	National Programme on Technology Enhanced Learning	SDMCET	Dharwad	19/7/2018 / 1 day	
j)	National Programme on	IIT Mumbai	Bombay	2/8/2018	

# KLE Institute of Technology, Hubballi 580 027

## Faculty Profile

	Technology Enhanced Learning			1 day
k)	Root Cause Analysis and Corrective Action	KLEIT	Hubli	7 – 8 Feb 2017 / 2 days
l)	International workshop Research and Application of Advanced Composites and Materials	SDM College of Engg & Tech	Dharwad	7 & 8th Dec 2016 / 2 days
m)	Technical Education Interventions ISTE For Make in INDIA and Digital India Initiatives	PES University	Bangalore	6 -7 Nov 2015 / 2 days
n)	Reliability of Offshore Structures (Dept of Ocean Engg)	IIT Madras	Chennai	22 – 26 Nov, 2010 / 1 week
o)	Teaching-Learning Methodologies Centre for Continuing Education	IIT Madras	Chennai	6 - 7 Aug 2010 / 2 days
p)	Safety of Ships & Offshore Structures AICTE	IIT Madras	Chennai	10 – 21 Dec., 2010 / 2 weeks
q)	National Programme on Technology Enhanced Learning	IIT Madras	Chennai	8 <sup>th</sup> July 2010 / 1 day
r)	Offshore Structures-Materials, Analysis, Design & Construction	IIT Madras	Chennai	14 – 18 Dec., 2009 / 1 week
s)	Fluid Power Circuits and Controls (AICTE Sponsored)	IIT Madras	Chennai	13 – 18 July 2009 / 1 week
t)	Significance of 3D Modelling and Design Validation	RYMEC	Bellary	15/10/2008
u)	Computer Aided Machine Drawing	VEC	Bellary	26 -29 July 2007 / 4 days
v)	Vibro-acoustic Seminar	ESI India Ltd	Bangalore	
w)	Advances in Engg Education	Institute of Engineers	Bangalore	6/12/2006 / 1 day
x)	Mechanical Vibrations	M.S.Ramaiah	Bangalore	5 – 6 May 2006 / 2 days
y)	CAE in Mechanical Design AICTE	IIT Madras	Chennai	5 – 16 June 2006 / 2 weeks
z)	Manufacturing Excellence UGC	BITS	Pilani	12 - 31 Dec., 2005 / 3 weeks
aa)	Recent Trends in Ergonomics (AICTE Sponsored)	PES	Mandya	22/8 to 3/9 2005 / 2 weeks
bb)	Instructional Design & Delivery (NITTR, Chennai)	PDIT	Hospet	3 – 8 <sup>th</sup> Oct., 2005 / 1 week
cc)	Part Programming	FANUC INDIA	Pune	11 – 14 Dec 1996 / 4 days
<b>1.3.</b>	<b>Membership of National and International Professional Bodies/Organisations</b>			
<b>S.N.</b>	<b>Name of Professional</b>	<b>Place</b>	<b>Membership</b>	

# KLE Institute of Technology, Hubballi 580 027

## Faculty Profile

	Body/Organization		Category
a)	Indian Society for Technical Education (ISTE)		Life Member (LM41014)
b)	American Society of Mechanical Engineers (ASME)		Member 2008 - 2009
c)	Royal Institute of Naval Architecture (RINA)		00308227
d)	International Association of Engineers (AIENG)		64443
e)	Indian Institute of Industrial Engineering (IIIE)	Mumbai	Senior Member - 11138
<b>1.4.</b>	<b>Technical Papers/Books Published in National / International Events / Journals</b>		
a)	<p><b>International Journals:</b></p> <p>Sharanabasappa C.Sajjan and S.Surendran, “Model tests on the moored vessel with different moonpool shapes”. <i>Ocean System Engineering</i>. Vol. 3, No. 2 (2013) 137-147. ISSN: 2093-6702. DOI:<a href="http://dx.doi.org/10.12989/ose.2013.3.2.137">http://dx.doi.org/10.12989/ose.2013.3.2.137</a></p> <p>Sharanabasappa C.Sajjan and S.Surendran, “Effect of pretension on moored ship response”. <i>International Journal of Ocean System Engineering</i>. Vol.3 No.4 (2013) 175-187. ISSN: 2233- 6478. <a href="http://dx.doi.org/10.5574/IJOSE.2012.3.4.175">http://dx.doi.org/10.5574/IJOSE.2012.3.4.175</a>.</p> <p>Sharanabasappa C. Sajjan , Naveen Srivatsa H.S, Dinesh Kumar P, “Design and Development of Pipe Inspection Robot” <i>International Journal of Current Engineering and Scientific Research (IJCESR)</i> ISSN (Print): 2393 8374 – ISSN Online: 2394 0697. Volume II, Issue XII in the year 2015.</p> <p>S.C. Sajjan, Narasimhan M Manohar, Vinay pharale, Preetham E “Design and Fabrication of Block Laying Robot” <i>International Journal of Current Engineering and Scientific Research (IJCESR)</i> ISSN (Print): 2393 8374 – ISSN Online: 2394 0697. Volume II, Issue XII in the year 2015.</p> <p>Rushabh Kathote, Shrihari Butti, Maqboolahmed A Hebballi, Zainulabdin F Shaikh,S C Sajjan, “Development of Bicycle with Treadmill” <i>MAT Journals, Journal of Mechanical Robotics Volume 2 Issue 2. Sept’2017</i>. pp 1-4.</p> <p>Manjunath Pattan, Bipin J, Sudarshan Shetty, Sajjan S.C “Experimental Study on Mechanical Properties of Hybrid Composite Material” <i>National Conference on Material Processing and Characterization. NCMPC – 2019 International Journal of Engineering Research &amp; Technology (IJERT)</i>, ISSN: 2278-0181. (VOLUME 7, ISSUE 07), May 2019.</p> <p>Shreyans S.C, Prajwal S.K, Siddarth R.P, Vinayak M.G, S.C.Sajjan, Hanumesh Pujar, “Development of Non-electric Washing Machine, Research and Reviews: <i>Journal of Mechanics and Machines</i>. Vol.2, Issue 1. PP 1-7. DOI:<a href="http://doi.org/10.5281/zenodo.3786210">http://doi.org/10.5281/zenodo.3786210</a>.</p> <p>Suhas S.D., Sharanabasappa C. Sajjan “Total Quality Management (TQM) – ZERO EFFECT ZERO DEFECT (ZED)” <i>Recent Trends in Automation and Automobile Engineering</i>, Volume 2 Issue 3. DOI: <a href="http://doi.org/10.5281/zenodo.3607008">http://doi.org/10.5281/zenodo.3607008</a>.</p>		

# KLE Institute of Technology, Hubballi 580 027

## Faculty Profile

Sharanabasappa C.Sajjan, S.Surendran. “Experimental Investigation of Moonpool Shapes on a Ship with Forward Speed. “ Annual of Navigation” 26/2019. pp 151-162.  
DOI: 10.1515/aon-2019-0015.

Sumant Balli, Prajwal Shetty, S.C.Sajjan, “Design and Development of Tractor Operated Plastic Mulch Laying Machine, *Journal of Mechanical Robotics*, Vol. 5, Issue 1, PP 16-19, <http://doi.org/10.5281/zenodo.3773814>.

Sumant Balli, Prajwal Shetty, S.C.Sajjan, “Design, Analysis and Comparison of Various Materials for Connecting Rod” *EPRA International Journal of Research & Development (IJRD)* Vol: 5, Issue: 7.PP 53-61. DOI: 10.36713/epra2016. ISSN: 2455-7838(Online).

### **International Conferences:**

B.Rajesh Reguram, Sajjan S.C, S.Surendran.” RESPONSE OF A CONTAINERSHIP AT OUTER ANCHORAGE”. Proceedings of MARTEC 2010. The International Conference on Marine Technology.11-12 December 2010, BUET, Dhaka, Bangladesh.

Sajjan.S.C and S.Surendran. Piston mode effects of moonpool on moored vessel response. *The 8th International Conference on Marine Technology (MARTEC-2012)* Kuala Terengganu, Malaysia, 20-22 October 2012.

Manjunath Pattan, Bipin J, Sudarshan Shetty, Sajjan S.C “Experimental Study on Mechanical Properties of Hybrid Composite Material” National Conference on Material Processing and Characterization. International Journal of Engineering Research & Technology, NCMPC – 2019 (VOLUME 7, ISSUE 07), May 2019.

Suhas Deshpande, Sharanabasappa C.Sajjan, Hanumesha Pujar “System to Transform Sound Energy into Electricity” International Conference on Non Conventional Energy -Nanotechnology & Nanomaterials for Energy and Environment (ICNNEE2019), JIS College of Engineering, Kalyani, India, October 18-19, 2019.

Hanumesha Pujar, Sharanabasappa C. Sajjan, Design and Fabrication of Solar Paraboloid Concentrator”, International Conference on Non Conventional Energy - Nanotechnology & Nanomaterials for Energy and Environment (ICNNEE2019), JIS College of Engineering, Kalyani, India, October 18-19, 2019.

### **National Conference:**

Vipul kumar ,Himanshu Agarwal, S.C.Sajjan. Interpolation model for beam analysis. 2nd National Conference on “Recent Trends in Science and Engineering (RISE-2016)”, at PES Institute of Technology, Bangalore South Campus, Bangalore-560 100, INDIA. 30th April 2016.

1.5.	<b>Language skills (ability to)</b>	<b>Speak:</b>	<b>Read / Write</b>
		Kannada	Read / Write
		English	Read / Write
		Hindi	Read / Write
		Marathi	Read / Write

# KLE Institute of Technology, Hubballi 580 027

## Faculty Profile

		Tamil	No
<b>2.</b>	<b>Employment Information and Professional Experience till date</b> (provide latest to first).		
<b>2.1.</b>	<b>Employment Information</b> (Provide information in the following order: Job title, Employer, Dates (from – to), Responsibilities, highlight the work undertaken that best illustrates capability to handle the tasks assigned).		
a)	Job title	Professor, Head	
	Employer	KLE Institute of Technology	
	Dates (from – to)	18 <sup>th</sup> July 2016 to till date	
	Responsibilities	Teaching- Learning, Heading the Department. VTU recognised research supervisor and research centre head, College Level SPOC for NPTEL.	
b)	Job title	Associate Professor	
	Employer	PES Institute of Technology, Bangalore,	
	Dates (from – to)	11 <sup>th</sup> August 2014 to 13 <sup>th</sup> July 2016	
	Responsibilities	Teaching- Learning, Domain Head in the Department. VTU recognised research supervisor and research centre co-ordinator.	
c)	Job title	Lecturer and Promoted to Senior Lecturer	
	Employer	PDIT Hospet and VNEC Bellary	
	Dates (from – to)	29/9/2003 to 17/12/2008	
	Responsibilities	Teaching- Learning, Department activities.	
d)	Job title	Part time Lecturer	
	Employer	Vidyanand Gurukul Polytechnic, Kukanoor, Dist: Koppal. Sanganna Karadi BCA College, Koppal	
	Dates (from – to)	July 2000 to Sept 2000	
	Responsibilities	Teaching – Learning.	
e)	Job title	Junior Executive (Design and Development)	
	Employer	Tushar Auto Parts Pvt. Ltd. Pune	
	Dates (from – to)	1/3/1999 to 20/2/2020	
	Responsibilities	Development of new components on Machining Centre (AMS), Selection of tools, design of jigs and fixtures, cutting time reduction etc.	
f)	Job title	S-6 Engineer, Design and Development	
	Employer	Patheja Brothers Forgings and Stampings Ltd., Chakan, Pune	
	Dates (from – to)	6/9/1995 to 22/3/1999	
	Responsibilities	Hands on experience on CNC machining center (VMC-40) and conventional machines. Know part programming for controls FANUC, SINUMERIK and HINUMERIK. Development of new components for Auto ancillaries supplying to Telco, Mahindra and Mahindra, Eicher, Kinetic Engg, Greaves Garuda, John Deer etc., Selection of tools, Design of Jigs and Fixtures, Cutting Time (Cycle time) Reduction etc.,	
g)	Job title	Junior Maintenance Engineer	
	Employer	Grant Apparels Pvt. Ltd., Pune	

# KLE Institute of Technology, Hubballi 580 027

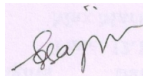
## Faculty Profile

	Dates (from – to)	12/7/1994 to 4/9/1995
	Responsibilities	Maintenance of Embroidery Looms, Generator and worked with Swiss erector for 3 months Otto Housar for erection of 10 and 15 Yard embroidery looms.
<b>2.2.</b>	Public Service & Volunteer Work	
a)	Keynote Speaker “International conference on Chip, circuitry, current, coding, combustion & composites (i7c-2016), held on 10-11th nov'16 at Sri Sairam College of Engineering, Anekal, Bengaluru, India.	
b)	Session chair for National Conference on Progresses and research in Mechanical Engineering (PRIME-2016), held at SDM College of Engg and Tech, Dharwad, Karnataka.	
c)	Mentor for Ekokart series 2017.	
d)	Technical Talk at Institute of Engineers Dharwad on 22nd Aug 2017.	
e)	Ph.D Thesis Evaluation and Examinar at Bharathi Vidyapeeth Deemed University Pune in Sept 2017.	
f)	Judge for National Level Students Technical Symposium Illuminati -2018, held at Smt Kamala & Sri Venkappa M Agadi College of Engineering & Technology, Laxmeshwar, Karnataka. on 5/4/2018.	
g)	Session chair for National Conference on Progresses and research in Mechanical Engineering (PRIME-2018), held at SDM College of Engg and Tech, Dharwad, Karnataka.	
h)	Board of Examiners (BoE) member and Local Inspection Committee (LIC) Member for VTU Belagavi.	
i)	Judge for final year project at SDM College of Engineering and Tech Dharwad on 21st May 2019.	
j)	Resource person for AICTE-VTU joint Training Programme for Teachers in AICTE approved and VTU Affiliated Colleges on "An Overview of Teaching Techniques in Strength of Materials/Mechanics" between 26 – 30th August 2019 at VTU Centre of PG Studies, Muddenhalli, Chikkaballapur -562101, date 30/08/2019.	
k)	Attended National Education Policy (NEP) Regional Conclave Meeting held by IIIT Dharwad, on 25th Sept 2019 at Denisson's Hotel Hubli.	
l)	Delivered Technical Talk on “Zero Defect Zero Effect” at Institute of Engineers Dharwad Local Chapter on 3rd Dec 2019.	
<b>2.3.</b>	Other professional achievements such as any awards, special skills, etc.	
a)	Research Scholar Travel Grant from IIT Madras to present a paper at <i>MARTEC-2012</i>	
b)	Scholarship from IIT Madras during Ph.D. from 2009 to 2013.	
c)	CNC Expert in Vertical Machining Centre and conventional machines.	
d)	Convener and judge for Mechanical Design Competition-2015, and 2016 in PES Institute of Technology- BSC, Bangalore.	
e)	Editorial Board members of Technical Research Organization India (TROI), selected as Reviewer for International Conference on Computational Methods in Engineering and Health Sciences (ICCMEH- 2015) December 19 - 20, 2015.	
f)	Editorial board member of IJATCSE journals, MAT journals, journal of mechanical and mechanics engineering, Journal of Recent Trends In Mechanics.	
<b>3.</b>	Any other information	
3.1.	Strengths	Sincere and hard working, Applying Engineering

# KLE Institute of Technology, Hubballi 580 027

## Faculty Profile

		Knowledge. Good in explanation.
4.2		
<b>4.</b>	General information	
4.1.	Name	Sharanabasappa C.Sajjan
4.2.	Gender	Male
4.3.	Nationality	Indian
4.4.	Date of birth	11 <sup>th</sup> October 1970
4.5.	Contact address	# 18, Raghavendra Colony, Lingaraj Nagar, Vidya Nagar, Hubli – 580 031.
4.6.	Phone / mobile number	9611021801/9003294490
4.7.	Email	sajjansc@gmail.com, hod_mech@kleit.ac.in, scsajjan@kleit.ac.in

22/7/2020	Sharanabasappa Channappa Sajjan	
Date	Full name	Signature