



Department of Mechanical Engineering

Faculty Profile

Dr Chaitanya S V

PhD (Mechanical Engineering)

Associate Professor

✉ svchaitanya@aissmscoe.com

svcaissms@gmail.com

☎ (020) 26058587; Extn: 1814



Research Areas / Areas of Interest

1. Manufacturing Engineering 2. Automobile Engineering 3. Selective Assembly
4. Tolerance Design 5. Optimization Techniques

Personal Details

Date of Birth : 03 / 07 / 1967

Domicile: Maharashtra

Gender : Male

Blood Group: B+ve

Contact Details: AISSMS Collage of Engineering, Kennedy Road Near RTO, Pune
411001

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
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1	Ph.D.	Mechanical Engineering	VIT Vellore	Awarded	Sept 2019
2	M.E.	Mechanical – Design Engg.	Shivaji Kolhapur	I st class Distinction	May 1996
3	B.E.	Mechanical Engineering	Shivaji Kolhapur	I st class Distinction	May 1989

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	28	--
2	Research	--	--
3	Industry	2	--
4.	Others	--	--
Total		30	-

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Design of Machine Elements	UG	TE (Mechanical)	02
2	Theory of Machine	UG	TE (Mechanical)	03
3	Operations Research	UG	BE (Mechanical)	04
4	Industrial Engineering	UG	BE (Mechanical)	04
5	Auto safety regulations	PG	Automotive Engineering	06
6	Auto Chassis Design	PG	Automotive Engineering	05
7.	Automobile Engineering	UG	BE (Mechanical)	06

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	03	21	03	03	
Conferences	04	05			

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	Tolerance Analysis in Selective Assembly of Multiple Component Features to Control Assembly Variation Using Matrix Model and Genetic Algorithm. International Journal of Precision Engineering and Manufacturing	Chaitanya S V Jeevanantham A K	2019	IJPEM- Springer Int. Journal of Precision Engineering and Manufacturing	ISSN 2005-4602 Print ISSN 2234-7593 https://doi.org/10.1007/s12541-019-00194-x	Springer

2	Use of Analytical Hierarchy Process for the Selection of Optimum Parameter of IC Engine	Chaitanya S V Sudeshana Sarawate	2020	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056 p-ISSN: 2395-0072 Volume: 07 Issue: 06 2020	IRJET
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Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	EGR Strategies for BSVI Norms to Reduce NOx in Heavy Duty Natural Gas Engine	Chaitanya S V Divyanil Katkoria	2020	International Conference on Mechanical Engineering for Sustainable Development ICMESD-2020		AISSMS College of Engineering

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	08 +	100+

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society of Technical Education ISTE	National	Life	LM 21748

Patents / IPR Filed / Granted

	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	Chaitanya S V Vivek Doulatani	Variable stiffness passive suspension system with adjustable suspension Mount	2015	Filed	Application No: 68/MUM/2015
2	Chaitanya S V Vivek Doulatani	Variable stiffness passive suspension system	2015	Filed	Application No: 69/MUM/2015

Books Published

sl	Book Details	Springer Publication Book
1	ICRRM-2019 System Reliability, Quality Control safety maintenance and Management Springer Publication.	Published on 14 June 2019. Book Chapter published pp 123-222

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Awareness on Open Recourse Platform for Online Learning, Research and Self Study	FDP	1 Day	National	AISSMS
	Health Awareness at Workplace	FDP	1 Day	National	AISSMS
	Hands on Workshop on Advanced Excel For Nonteaching staff	FDP	2 Day	National	AISSMS and IHHI Pune
	Workshop on Steam Engineering	Workshop	2 Day	National	Forbes Marshall Pune
	Advanced pedagogical skills for empowering teachers	FDP	3 Day	National	UGC-HRD under PMMMNMT T, Savitribai Phule University, Pune

	R Programming , Arduino,Latex,MOODLE, DWSIM, Python Sci LAb	FDP	5 Day	National	IIT Spoken tutorial Bombay
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Contribution as Resource Person

Sl no	Topic	Details
1	Appreciation for working in Organising of National Symposium on Forefronts of Engineering: theme Durability of Concrete.	1 March 2006
2	Selection Committee Member as Vice-Chancellor's Nominee for staff Interview at SND College of Engineering and Research Center, Babhulgaon, Yeola, Dist Nasik.	SNDCOE/73.23/07-08/ dt 1-oct-2007
3	LIC committee member for Pune university	Letter 23.5.2008 Ref CA/3026
4	Local Inquiry Committee visit as Member at Vidya Partisan's college of Engineering, Baramati	Vp COE/PU/LIC/448/2008 dt 13 June 2008
5	Subject Expert in Mechanical Engineering at AG awate College of Engineering, Hadapasar.	COEH/Estt/Interview/2008-19/1842 dt 16-June- 2008
6	Selection committee member as Subject expert In Interview panel of Pune university at PVG COET, Pune	COET/EST/211/2010-11 17-July-2010
7	Member Board of Studies in Mechanical Engineering	2005 to 2010
8	Resource person to deliver Expert Lecture at Sinhgad College of Engineering, Pune for ME automotive student on the topic of Automotive Safety	S COE/Mech/2014-15 Date: 5 Nov 2011
9	Best Teacher Award by Rotary Club of Pune up town	Sept 2014
10	Reviewer at Mech PGCON at MIT College of Engineering	10-June- 2016
11	Recognised as PG Teacher of SPPU-	BUTR Engg dt 24.3.2017

	Mechanical Engineering	
12	Session Chair at Mech-PGCON, at PVPIT ,Bavdhan Pune	16-17 June 2017
13	Session Chair and Reviewer at Mech-PGCON, at AISSMS COE, Pune	13-14 June 2018
14	Certificate of Excellence awarded in appreciation as organising committee member in Best Department award at ET-2018, at AISSMS, Pune.	10-12 Sept 2018 ET 2018.

Details of Workshop / STTP / FDP / Conferences Attended

SN	Type	Duration	Title	Sponsoring Agency	Organizer
1	Online FDP	20 April to 24 April 2020	Internet of Things (IoT)	AICTE Training and learning Academy (ATAL), Jaipur	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh
2	Online FDP	11 May to 15 May 2020	Outcome based Education: A Step Towards Excellence	Margadarshan Scheme of AICTE, New Delhi	Govt College of Engineering, Karad, Maharashtra
3	National Level Webinar and Quiz	19 May to 20 May 2020	CFD for Centrifugal Pump	Mechanical Engineering	Imperial College of Engineering and Research, Wagholi, Maharashtra
4	National Level Quiz	17-May-20	Internet of Things (IoT)	Electrical Engineering	AISSMS College of Engineering, Pune 411001
5	National Level Quiz	15-May-20	Automotive Awareness Programme	MMCOE SAE India Collegiate Club	Marathwada Mitra Mandal College of Engineering, Karvenagar, Pune

6	National Level Webinar	23-May-20	Energy Conservation Tips for Engineers	Mechanical Engineering Department	AISSMS College of Engineering, Pune 411001
7	National Level Webinar	16-May-20	Scope of Mechanical Engineers In Industry	Department of Mechanical Engineering and Platica Sarl, West Africa	Shankersinh Vaghela Bapu Institute of Technology, Neral
8	3 Day Online Workshop	28 April to 30 April 2020	Education 4.0	IQAC	Athrva College of Engineering, Malad, Mumbai, Maharashtra
9	National Level Webinar	19-May-20	Smart Manufacturing by Leveraging Industry 4.0	BIZM	BIZM Counselling Pvt Ltd.
10	National Level Quiz	May 2020	Covid Awareness Programme	NSS Shivaji university	Sivaji University, Kolhapur, Maharashtra
11	National Level Quiz	25-May-20	Introduction to IC Engine	Mechanical Engineering Department	AISSMS College of Engineering, Pune 411001
12	National Level Quiz	26-May-20	IC Engines and Gas Turbines	Mechanical Engineering Department	AISSMS College of Engineering, Pune 411001
13	National Level Webinar	31-May-20	Research Methodology Including Experimental Research	Mechanical Engineering Department	AISSMS College of Engineering, Pune 411001

14	National Level Webinar	31-May-20	Advanced Digital content creation Tools and Techniques for Education	ENTC Engineering Department	AISSMS College of Engineering, Pune 411001
15	National Level Webinar	02-Jun-20	Office Etiquettes during and post COVID 19	Chemical Engineering Department	AISSMS College of Engineering, Pune 411001

16	National Level Webinar	02-Jun-20	Office Etiquettes during and post COVID 19	Chemical Engineering Department	AISSMS College of Engineering, Pune 411001
17	Expert Lecture	09-Jun-20	Skills to get you Interview ready	In association with Orgment Talent Consulting Services, ISTE and First year Engineering department	AISSMS College of Engineering, Pune 411001
18	National Webinar	10-Jun-20	simulation Driven Innovation for e-Mobility	KLE Technological University	Altair-India
19	National Quiz	12-Jun-20	Soft skills	Civil Engineering Department	DY Patil Institute of Technology. Pimpri Pune
20	National Level One Week Online	15 to 19 June 2020	Introduction to Outcome Based Education and	INTERNAL QUALITY ASSURANCE CELL	in association with GWCET, POLYTECHNIC , NAGPUR

	Faculty Development Programme		Enhancing Quality of Teaching Learning Process		
21	Webinar	21-Jun-20	Motivation-Its right inside you	Department of Mechanical Engineering	SITRC-Nasik
22	Virtual Event	21-Jun-20	International Yoga Day	Heartfulness Institute	AISSMS College of Engineering, Pune 411001
23	How to write and Publish Paper	22-Jun-20	How to write and Publish Paper	Central Library	RIT Institute of Technology, Sakharale

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Member-Grievance Redressal Cell
2	Incharge-Institute level committee- Student counseling cell, Faculty development cell
3	Faculty Advisor- SAE Formula bharatt competition
4	Former –HOD Mechanical Engineering Department
5	Former- Board of Studies Mechanical Engineering – Member- Pune university

Awards Received

S. No.	Awards
1	Best Teacher award by Rotary club of Pune.

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.


Dr S V Chaitanya
(Name with Signature)