



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of First Year(Mechanical) Engineering

Faculty Profile

Prof. S T Gade

Ph.D(Pursuing),ME(Design Engineering)

Assistant Professor

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🔗 <https://scholar.google.com/citations?user=YOf0AKYAAAAJ&hl=en>

🔗 <https://www.linkedin.com/in/sagar-gade-72788a74/>



Research Areas / Areas of Interest

CFD, Finite Element Analysis, Wind Energy, Machine Learning, Deep Learning, NLP

Personal Details

Date of Birth : 20 / 09 / 1990

Domicile: Maharashtra

Gender : Male

Blood Group: A+ve

Contact Details: Plot No.40, Indrayani Vidya Mandir Colony, Mohan Nagar, Infront of Anandgiri Society, Behind E-kart Office, Talegaon Dabhade, Pune – 410507

Academic Background

S. No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Mechanical Engineering	KLU,AP India	Pursuing	Pursuing
2	M.E.	Mechanical – Design Engg.	SPPU,Pune	I st	May 2016
3	B.E.	Mechanical Engineering	Pune	Dinstinction	May 2013

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	09	09
2	Research	02	02
3	Industry	0	0
4.	Others	--	--
Total		11	11

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Basic Mechanical Engineering	UG	FE	03
2	Engineering Graphics-I	UG	FE	03
3	Engineering Graphics-II	UG	FE	03
4	Systems in Mechanical Engineering	UG	FE	04
5	Engineering Graphics	UG	FE	03
6	Turbo Machines	UG	TE(Mechanical)	02

7.	Computer Aided Machine Drawing	UG	SE (Mechanical)	01
8	Strength of Material	UG	SE (Mechanical)	01
9	Applied Mechanics	UG	FE	01
10	Manufacturing Processes	UG	SE (Mechanical)	01
11	Material Science	UG	SE (Mechanical)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	0	8	0	0	02
Conferences	1	1	0	0	0

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Experimental Transmissibility Investigation of Shock Absorber and Comparison with MATLAB Results for Two Wheeler	Sumant Patil S.S.Khasbage P.V.Deshmukh S.T.Gade	2019	International Research Journal of Engineering and Technology	ISSN 2395-0056	IRJET
2	Function and Behavior analysis of a Nanoparticle based bio-Lubricant used in	S.S.Khasbage P.V.Deshmukh S.T.Gade Sumant Patil	2019	Journal of Applied Science and Computations	ISSN 1076-5131	JASC

	hydrodynamic Bush Bearing					
3	CFD analysis of diffuser augmented wind turbine	S.T.Gade P.V.Deshmukh S.S.Khasbage Sumant Patil R R Deshmukh	2019	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY	ISSN: 2454- 132X	IJRIIT
4	Estimation of Mechanical Properties of a Composite Material for Medical Application	S.T.Gade P.V.Deshmukh S.S.Khasbage Sumant Patil R R Deshmukh	2019	INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT	ISSN 2395- 1052	IJSART
5	Finite Element Analysis of Horizontal Tube Sheet Filters: A Review	Sumant Patil R R Deshmukh S.T.Gade S.S.Khasbage	2017	INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT	ISSN 2395- 1052	IJSART
6	Design and Process Optimization of Fin-cage Component	M M Kute S T Gade	2016	INTERNATIONAL JOURNAL OF TREND IN RESEARCH AND DEVELOPMENT	ISSN 2394- 9333	IJTRD
7	Power Generation By Using Diffuser Augmented Wind Turbine	S T Gade Pakaj Chikhale	2016	INTERNATIONAL JOURNAL OF INNOVATIONS IN	ISSN 2394- 3696	IJIERT

				ENGINEERING RESEARCH AND TECHNOLOGY		
8	Experimental Analysis of Performance Characteristics of Waste Cooking Oil and Soybean Oil on CI Engine	S T Gade Pakaj Chikhale	2016	INTERNATIONAL JOURNAL OF INNOVATIONS IN ENGINEERING RESEARCH AND TECHNOLOGY	ISSN 2394- 3696	IJIERT

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	Fatigue Strength and Dynamic Vibrational Analysis of V8 Engine Crank Shaft Using FEM	Pankaj Chikhale R V Ghodke S T Gade	2015	Innovations & Technological Developments in Computer, Electronics & Mechanical Engg.	ISSN 2394- 3696	Vishwabharati Academy's COE ,Ahmednagar
2	Stress Distribution of The Chain Link By Means of Boundary Element & Finite Element Methods	S T Gade Pankaj Chikhale	2016	Innovations & Technological Developments in Civil, Computer, Electronics & Mechanical Engg.		Vishwabharati Academy's COE ,Ahmednagar

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	20

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society for Technical Education	National	Life Member	LM134179
Solar Energy Society India	National	Life Member	LM 2602/2021

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	NA	NA	NA	NA	NA

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1	NA	NA	NA

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	NA	NA	NA	NA

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

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01	FDP on "Induction Program For 1st Year Engineering"	FDP	1Day	State	AISSMS COE,Pune
02	Syllabus implementation workshop of Subject SME	Workshop	½ Day	State	SPPU
03	E-certification on RPA	Course	1 Days	National	AISSMS
04	Faculty Guidance seminar on 'PBL'	Seminar	½ Day	State	COE,Pune

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/State/Regional)	Date
1	NA	NA	NA	NA

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	R- Language	FDP	1 WEEK	AISSMSCOE, Pune	Spoken Tutorial IIT
2	Python 3.4.3	FDP	1 WEEK	Parikrama COE,Kashti	Spoken Tutorial IIT
3	Moodle Test for Teachers	FDP	1 WEEK	AISSMSCOE, Pune	Spoken Tutorial IIT
4	Drupal	FDP	1 WEEK	AISSMS IOIT	Spoken Tutorial IIT
5	Project Based Learning	FDP	1 Day	AISSMSCOE, Pune	AISSMSCOE, Pune
6	Outcome Based Education: A step towards excellence	FDP	1 WEEK	Government COE,Karad	AICTE
7	Spoken Tutorial Technology	FDP	1 WEEK	SKN COE Wadgaon	IIT Bombay

8	Promoting Quality Culture in Technical Institutions	FDP	1 WEEK	AISSMSCOE PUNE	AICTE
9	Patenting For Innovation	FDP	1 WEEK	Sanjivani College of Engineering, Kopargaon	Sanjivani College of Engineering, Kopargaon
10	Preparing for NBA Accreditation with a Case Study of Course and Program Outcomes Attainment	FDP	1 WEEK	AISSMS's IOIT ,PUNE	AISSMS's IOIT ,PUNE
11	Product Design and Novelty	FDP	1 WEEK	Dr. Vithalrao vikhe Patil College of engineering	Dr. Vithalrao vikhe Patil College of engineering
12	Advanced Teaching Tools, Techniques and Methodologies For Outcome Based Education	FDP	1 WEEK	AISSMSCOE PUNE	AISSMSCOE PUNE
13	Recent Trends and Career Opportunities in HVAC	FDP	1 WEEK	DYPIT, Pimpri	DYPIT, Pimpri
14	Research Opportunities and Challenges in Manufacturing Sector	FDP	1 WEEK	SVVERI's College of Engineering, Pandharpur	SVVERI's College of Engineering, Pandharpur
15	FUTURISTIC TECHNOLOGIES IN MECHANICAL INDUSTRY	FDP	1 WEEK	DYPIEMR ,AKURDI	DYPIEMR ,AKURDI
16	NBA Preparation & Co-Po Mapping	FDP	1 WEEK	SVPM's COE, Malegaon, Baramati	SVPM's COE, Malegaon, Baramati
17	Solar Energy & it's Applications, Economical Implications in Indian scenario after Covid-19	FDP	1 WEEK	Prof. Ram Meghe IT& R, Amaravati	Prof. Ram Meghe IT& R, Amaravati
18	NDT & its application	Workshop	½ Day	AISSMSCOE, Pune	AISSMSCOE, Pune
19	Research Methodogy	Workshop	3 Days	K L E F Deemed to be University, AP	K L E F Deemed to be University, AP
20	Virtual Laboratory Workshop with IIT, Mumbai in AISSMSCOE, PUNE	Workshop	1 Day	AISSMSCOE, Pune	AISSMSCOE, Pune
21	Distance Ready Engineer Program By TTL Pune	Workshop	2 Days	Orchid COE, Solapur	TTL
22	Corrosion and its Control	Workshop	3 DAYS	DYPIEMR, Akurdi	DYPIEMR, Akurdi

23	LaTeX for Beginners	Workshop	2 DAYS	PCCOE, Nigdi	PCCOE, Nigdi
24	ITDCEME International Conference	Conference	1 Day	VACOE Ahmednagar	VACOE Ahmednagar
25	ITDCEME National Conference	Conference	1 Day	VACOE Ahmednagar	VACOE Ahmednagar
26	Outcome Based Education and NBA Accreditation	STTP	1 DAY	Sinhgad Institute of Technology and Science Narhe	Sinhgad Institute of Technology and Science Narhe
27	NAAC Awareness Programme for Faculty	STTP	1 WEEK	MMIT, Lohgaon	MMIT, Lohgaon
28	Training on Indutry 4.0	FDP	1 WEEK	College of Engineering Roorkee	Uttarakhand Technical University, Dehradun

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	NBA Criteria 8 Co-ordinators
2	Departmental Result Analysis Co-ordinator

Awards Received

S. No.	Awards
-	-

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



Mr S T Gade

(Name with Signature)