



Department of Robotics and Automation Engineering

Faculty Profile

Prof. S S Kallurkar

PhD Pursuing

ME(Industrial Engineering),

MBA(Operations and Materials Management)

Assistant Professor



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<https://scholar.google.com/citations?user=2RY4TcgAAAAJ&hl=en>

https://www.linkedin.com/public-profile/settings?trk=d_flagship3_profile_self_view_public_profile



Research Areas/Areas of Interest

CAD/CAM, UX, Entrepreneurship Development

Personal Details

Date of Birth: 17/ 08/1980

Domicile: Maharashtra

Gender: Male

Blood Group: B+ve

Contact Details: Flat No 4, Dodke Towers, Opp Church, Near Fly Over, Warje
Malwadi, Pune 411058

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D. Pursuing	Mechanical Engineering	SPPU	--	--
2	MBA	Operations And Materials Management	SPPU	HSC	May 2016
3	M.E.	Industrial Engineering.	SPPU	HSC	May 2010
4	B.E.	Production Engineering	SRTMU	Distinction	May 2001

Work Experience

S.No.	Type of Experience	Years	Months
1	Teaching	21	06
2	Research	00	00
3	Industry	2	0
4.	Others	--	--
Total		23	06

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Sensor Technology	UG	TE	02
1	Computer Graphics for Robotics	UG	SE	03

2	Statistics and Numerical Optimization Methods	UG	TE	05
3	Numerical Techniques and Databases	UG	TE	07
3	Product Development	UG	BE	03
4	Computer Applications in Production Engineering Lab	UG	BE	09
5	Machine Drawing and Computer Graphics Lab	UG	SE	04
6	Computer Graphics Lab	UG	SE	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	00	02	00	01	00
Conferences	05	05	00	00	00

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
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1.	Development Of A Model For Recognition Of Ergonomic Considerations Required For Structuring Of CAD Packages To Improve Usability And User Productivity	SS Kallurkar, Dr D N Raut	2016	IJERT		IJERT
2	Enhancing User Experience for Computer Aided Design packages through Artificial Intelligence	Sachin S Kallurkar, Prasad R Baviskar, Sandeep H Wankhade	2021	Design Engineering	0011-9342	Design Engineering
3	Identifying User Experience Issues For Computer Aided Design (CAD) Software: A Survey and Exploratory Factor Analysis To Identify The Issues To Implement Artificial Intelligence For Improving User Experience	Sachin S Kallurkar, Prasad R Baviskar, Vishnu D Wakchaure, Sandeep H Wankhade	2023	Journal of Data Acquisition and Processing	1004-9037	Journal of Data Acquisition and Processing

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	"Implementation of JIT in Indian Industries", , Gramin polytechnic, Nanded	Kallurkar S.S, Kabra S. O., Nilekar R. N.	2000	national conference on Technology Management Beyond 2000		Gramin Polytechnic Nanded
2	Nanotechnology– Definition and Concepts	Kallurkar S.S., Jahagirdar R. S	2005	national conference on Recent Advances in Chemical Engineering (RACE)2005		Jawaharlal Darda Institute of Engineering and Technology, Yawatmal
3	, "Factors Responsible for Development of Technical Entrepreneurship in selected SSI.	Kia Parsa, Kallurkar S.S., Kallurkar S.P.	2008	" National Conference on "Central India Management Conclave2008",		CIBMRD Institute, Nagpur
4	Underlying Factors Responsible for Development of Technical Entrepreneurship In Selected SSI in Maharashtra	Kallurkar S.S., Kuber S. S.,	2010	national conference on "Central India Management Conclave2010"		CIBMRD Institute, Nagpur

5	Evaluation of Underlying Factors Responsible for Development of Technical Entrepreneurship in SSI and development of counseling software for aspiring and sick entrepreneurs	Kallurkar S.S.,	2010	International Conference on Entrepreneurship Retention		Interscience Institute of Management and Technology, Bhubaneswar
6	“Redesign and Development of Tool for Counseling of Aspiring and Sick Entrepreneurs”	Kallurkar S.S., Shekapure N. G., Hundekar M.L.,	2011	International Conference “ELIXIR2011”		DTMRD, Nagpur
7	“Development Of A Model For Recognition Of Ergonomic Considerations Required For Structuring Of CAD Packages To Improve Usability And User Productivity”	Kallurkar S.S., Raut D. N	2016	National Conference on Technological Advancement and Automatization in Engineering		Atharva College of Engineering, Mumbai

8	The Potentials to reach goal of Make in India, in Global perspective, Entrepreneurial Competency Development.	Kallurkar S S, Sonawane V Y	2017	International Conference ICIATE2017		Atharva College of Engineering, Malad, Mumbai
9	A review on guidelines for user experience design for CAD packages with effect of eye fatigue on user productivity	Kallurkar S S, Dr Baviskar P R, Dr Wankhade S H	2021	ICIMSI2021		G H Raison College of Engineering and Management, Wagholi, Pune
10	Enhancing user experiences for Computer Aided Design Packages Through Artificial Intelligence	Kallurkar S S, Dr Baviskar P R, Dr Wankhade S H	2021	ICMMSE:IR 2021		Sandip Institute of Technology and Research Center, Nashik

PhD/ME/BE Student Guided for Project

Level	Ph.D.	M.E.(PG)	B.E.(UG)
No. of Student guided	-	--	70

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society For Technical Education	National	Life	LM132950

The Robotics Society	National	Life	R232810
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Patents/IPR Filed/Granted

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

Books Published

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

Research Grants Received

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

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

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01	Entrepreneurship Awareness Camp	Workshop	31 st Jan 2014-2 nd Feb 2014	National	DSTNIMAT
01	Entrepreneurship Awareness Camp	Workshop	09 Oct 2014-11 Oct 2014	National	DSTNIMAT
02	Entrepreneurship Awareness Camp	Workshop	25 Dec 2014-27 Dec 2014	National	DSTNIMAT

02	Entrepreneurship AwarenessCamp	Worksh op	25Dec 2014-27Dec 2014	National	DSTNIMAT
03	Entrepreneurship AwarenessCamp	Worksh op	06Jan 2015-08Jan 2015	National	DSTNIMAT
04	Entrepreneurship AwarenessCamp	Worksh op	06Jan 2015-08Jan 2015	National	DSTNIMAT
05	Entrepreneurship AwarenessCamp	Worksh op	24Dec 2015-26Dec 2015	National	DSTNIMAT
06	Entrepreneurship AwarenessCamp	Worksh op	22June 2017-24June 2017	National	DSTNIMAT
	Entrepreneurship AwarenessCamp	Worksh op	06July 2017-08July 2017	National	DSTNIMAT
07	Entrepreneurship DevelopmentProgram	Worksh op	17July2017 –14Aug 2017	National	DSTNIMAT
08	IIPS(Phase1)	STTP	22June2021 – 27June 2021	International	AICTEQIP
09	IIPS(Phase2)	STTP	29June2021 –04July 2021	International	AICTEQIP
10	IIPS(Phase3)	STTP	06July2021 – 11July 2021	International	AICTEQIP
11	IIPS(Phase4)	STTP	13July2021	International	AICTEQIP

			– 18 July 2021		
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Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	AISSMSCOE, Pune	User Experience for Computer Aided Design Packages – A Multidisciplinary Approach	Regional	24/11/2021

Details of Workshop /STTP/FDP/ Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	“Nanotechnology– Opportunities and Challenges”	FDP	Dec.19-31, 2005	BATULonere	AICTE
2	Workshop on Mission 10X	Work shop	21 Oct-25 Oct 2008	PES Modern College of Engineering, Pune	WIPRO ISTE
3	FDP in Entrepreneurship at MITCON, Pune.	FDP	26 Oct. to 06 Nov. 2009	MITCON Pune	Department of Science and Technology
4	Conference on Roadmap for Engineering Education for Next Five Years organized by	Conference	16th July 2010	D Y Patil College of Engineering, Akurdi, Pune	University of Pune
5	Training program on Finite Element Analysis using Hyperworks Suite of Solutions	Work shop	28th July to 30th July 2010	Sihgad College of Engineering, Pune	
6	SERVICESCENCE	QIP	8 July to 12 July, 2013	IIT Kharagpur	AICTE
7	Entrepreneurship Competency Development	QIP	13 June to 17 June, 2016	IIT Roorkee	AICTE

	Program				
8	Design Thinking: Aspirations for Innovations	ATAL FDP	29Nov2021 –03Dec 2021	AISSMSCOE	AICTE
9	INDUSTRY4.0with EMPHASIS on ROBOTICS AND AUTOMATION	FDP	21Feb 2022-25Feb 2022	DYPCOE, Akurdi	ISTE
10	Recent Advances in Industrial Robotics & Applications	STTP	23Nov2020 -28Nov 2020	SRES'sShree Ramchandra College of Engineering, Pune	AICTE
11	Research Methodology Tools and Techniques III	STTP	8March2021 -12March 2021	SVNITSurat	TEQIP
12	Active Teaching Learning Process	Orien tation / Refre sher Progr am	05April2021 –10April 2021	MGICOE, Shegaon	ISTE, AICTE
13	Excel Skills for Business: Essentials (Coursera Course)	Cour se	09Jan2020	Macquarie University, Sydney, Australia	Coursera
14	Electric Vehicles	ATAL FDP	05Oct2020 –09Oct 2020	AISSMSCOE	AICTE
15	Futuristic Technologies in Mechanical Industries	FDP	5thJune 2020 to 9thJune 2020.	DYPIEMR, Akurdi,Pune-44	ISTE,IWS
16	Quality Content Creation Using Graphics and Animation	FDP	8/06/2026 to 12/06/2026	NITTR Chandigarh	NITTR
17	Smart Manufacturing With Industry 4.0: Robotics, AI and IoT	FDP	16/02/2026 to 21/02/2026	AISSMS COE	ISTE

Major Professional Responsibilities Handled

S.No.	Role and Responsibilities
1	CADCAM Lab Incharge
2	ERP Department Coordinator
3	Department Media Coordinator

Awards Received

S.No.	Awards
	Awarded consolation prize for special recognition to the paper presented and Published at national conference in Jan 2016

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

Prof S S Kallurkar

(Name with Signature)