



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Approved by AICTE, New Delhi, Recognized by Government of Maharashtra
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU/PN/Engg./093 (1992))

Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes

Department of Robotics and Automation Engineering

Faculty Profile

Mr Mohan L Chanpur

MTech (Production Engineering)

Assistant Professor

✉ mlchanpur@aissmscoe.com

☎ (020) 26058587



Research Areas / Areas of Interest

Manufacturing Engineering and Ergonomics

Personal Details

Date of Birth : 10 / 01 /1982

Domicile: Maharashtra

Gender : Male

Blood Group: O+ve

Contact Details: F N 208, Sabar Apartment, 337 GunjPeth, Pune - 411042.

Academic Background

S. No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.Tech.	Manufacturing and Automation	Pune	I st	July 2012
2	B.E.	Production Engineering	Shivaji University	I st	June 2005
3	Diploma	Production Technology	MSBTE	I st	June 2002

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	17	08
2	Research	00	00
3	Industry	03	00
4.	Others	--	--
Total		20	08

Subjects / Courses Taught

S. No.	Subject	UG/ PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Field and Service Robots	UG	BE Robotics and Automation Engineering	01
2	Hydraulics and Pneumatics	UG	TE Robotics and Automation Engineering	01
3	Design of Machine and Mechanisms	UG	SE Robotics and Automation Engineering	01
4	Design of Machine Elements	UG	SE Robotics and Automation Engineering	02

Research Publications

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

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	Organised by
1.	Computer Vision – Based Robotic Arm for Object Color Sorting	Mr M L Chanpur	2026	2nd International Conference on Sustainable Industry 4.0: Innovations For a Greener Future (ICSI 2026)	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
2.	Robot Path Planning and Simulation Using RoboDK: A Study on Trajectory Optimization for Industrial Applications	Mr M L Chanpur	2026	6th National Conference on Innovation in Engineering and Technology (NCIET 2026)	AISSMSCOE Pune
3.	Enhancing Industrial Automation: Robot Motion Optimization With RoboDK	Mr M L Chanpur	2026	International Conference on Emerging Technologies And Integrated Research (ICETIR – 2026)	Methodist College Of Engineering And Technology, Hyderabad
4.	A Comprehensive Review of Cryogenic Treatment Effects on Tool Hardness, Wear Resistance and Microstructural Transformations	Mr M L Chanpur	2025	Recent Advancements in Manufacturing Technology & Management	Jadhavpur University
5.	Cryogenic Treatment to Enhance Tool Life for Environmental Sustainability	Mr M L Chanpur	2023	ICOGE - 2023	AISSMS College of Engineering, Pune
6.	Ergonomic Bed to Reduce Bed Sores of Bedridden Patient	Mr M L Chanpur	2011	International Conference on HWWE – 2011	HWWE

7.	Development of Material Strategy: A case study	Mr M L Chanpur	2015	International Conference on Advances in Mechanical Engineering	AVCOE Sangamner
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PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	80

Copy Rights / Patent

Sr No	Title	Date of Filing	Granted as on date	Patent file No.
1	A Study of Technical and Economical Feasibility on Cryogenic Treated Plug Gauge made of OHNS Material	16/09/2022	Granted L-134920/2023	19506/2022-CO/L

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
The Robotics Society	National	Life	R232813
Institute of Engineers	National	Life	M - 1597307
IAENG	International	Life	243041
ISTE	National	Life	LM 134172

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Industry Connect	Webinar	30/05/2020	National	AISSMS College of Engineering
02	Alumni Interaction	Online Interaction	30/05/2020	College level	AISSMS College of Engineering
03	Mechanics of	Online Quiz	24/05/2020	National	AISSMS

	Materials		to 26/05/2020		College of Engineering
04	Design of Machine Elements	Online Quiz	25/05/2020 to 27/05/2020	National	AISSMS College of Engineering
05	LATEX	FDP	23 rd to 26 th April 2020	National	IIT Bombay and AISSMS COE
06	Advanced Pedagogy For Empowering Teachers	FDP	11/03/2020 to 20/03/2020	National Level	AISSMS COE and SPPU under UGC-HRDC
07	Advanced Excel	FDP	19 th to 20 th Dec, 2019	Society level	AISSMS College of Engineering
08	CETL's One Week on Vision-Mission-Goals- PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10 th – 15 th June, 2019.	College level	AISSMS College of Engineering
09	Water Management and Energy Conservation	FDP	July 14, 2018.	College level	AISSMS College of Engineering
10	Pedagogy Practices	FDP	16 th and 17 th January, 2018.	College level	AISSMS College of Engineering

Details of Workshop / STTP / FDP / Conferences Attended

S. No	Title	Type	Duration	Organizer	Sponsoring Agency
01	Green Hydrogen Technologies Production, Storage and Appl For Sustainable Future	FDP	23-28 March, 2026	AISSMS COE, Pune	Self
02	Smart Manufacturing with Industry 4.0: Robotics, AI and IoT	FDP	16-21 Feb, 2026	AISSMS COE, Pune	Self
03	Introduction to Industry 4.0 and Industrial Internet of Things	FDP	01/07/2025 to 31/10/2025 12 weeks	SWATAM	AISSMS COE
04	Recent Advancements In Manufacturing Technology Management	Conference	16/01/2025- 17/01/2025	Department of Production Engineering	Self
05	Advanced Materials for Defence and Aerospace	FDP	27/01/2025 – 01/02/2025	National	BITM, Ballari,

	Applications		(One Week)		Karnataka
06	Research and Publication Ethics	Course	16/05/2025 – 18/06/2025	SPPU	Self
07	HR Analytics	Course	12 weeks	NPTEL-AICTE	Self
09	HR Analytics	FDP	12 weeks	NPTEL-AICTE	Self
09	Employability skills	PDP	30/09/2024 – 05/10/2024	NITTTR, Chennai	Self
10	5 Days International Symposium on “Niche Areas of Sustainable Development”	FDP	02/09/2024 – 06/09/2024 5 Days	PVG College of Engineering	PVG College of Engineering
11	Design Thinking and Idea Lab	Workshop	20/08/2024 1 Day	PVG College of Engineering	SPPU
12	“INDUSTRY 4.0/5.0”	FDP	15/04/2024 – 27/04/2024 (2 Weeks)	Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada	Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada
13	Innovative Teaching Methodology-A creative Pedagogy	FDP	1 Week	D Y Patil College of Engineering, Akurdi	ISTE Approved
14	Advances and Application of Artificial Intelligence and Machine Learning	FDP	1 Week	SKN College of Engineering, Vadgaon	AICTE – ISTE Approved
15	Advance Tools for Research Writing	FDP	28/06/2022 to 02/07/2022	P. R. Pote (Patil) College of Engineering & Management, Amravati	ISTE Approved
16	Intellectual Property Rights	FDP	07/03/2022 to 12/03/2022	MKSSS's Cummins College of Engineering for Women, Nagpur	ISTE Approved
17	Advanced Materials Characterisation	Workshop	01/03/2022 to 03/03/2022	AnnaiVailankanni College of Engineering, Kanyakumari. Techniques	ICC Approved
18	Prototype/Process Design and Development Prototyping	Workshop	25/04/2022 to 26/04/2022	MES's College of Engineering, Pune	ICC Approved
19	Finite Element Method	FDP	17/08/2021 to	ATAL Academy	Govt of

	(with applications to solid mechanics, heat transfer and fluid mechanics)		21/08/2021	Online	India
20	Research Methodology	FDP	23/08/2021 to 27/08/2021	ATAL Academy Online	Govt of India
21	Software Based Case Studies for Development of Multidisciplinary Projects	FDP	22/11/2021 to 26/11/2021	AISSMS COE	AISSMS COE
22	Advancement in Manufacturing Technologies for Industrial Applications	FDP	24/08/2020 to 28/08/2020	Gyan Ganga Institute of Technology and Sciences	ATAL Academy
23	Smart Manufacturing – Opportunities and Challenges	STTP	17/08/2020 to 22/08/2020	St. Joseph's COE, Chennai	AICTE
24	ATAL online FDP on Blended Learning and Flipped Classroom	FDP	10/08/2020 to 14/08/2020	SVNIT, Surat	ATAL Academy
25	Online Certification on the Course Mechanics of Materials - I	Course	03/07/2020	Coursera	AISSMS COE
26	Introduction to Forensic Science and Digital & Cyber Security	FDP	15/05/2020 to 19/05/2020	NIT, Nagpur	NIT, Nagpur
27	NAAC Accreditation	FDP	10/05/2020 to 15/05/2020	Shri Chhatrapati Shivajiraje College of Engineering, Pune	Shri Chhatrapati Shivajiraje College of Engineering, Pune
28	Moodle	FDP	28/04/2020 to 04/05/2020	AISSMS COE	IIT Bombay and AISSMS COE
29	NPTEL – Online Certification on the Course of Innovation by Design	Course	Feb – March 2020	SWAYAM (IIT Bombay)	AISSMS COE and Self
30	Two weeks Pedagogical FDP	FDP	04 th – 15 th Nov 2019	D Y Patil College of Engineering and AICTE	AICTE
31	NPTEL – Online Certification on	Course	Jul - Oct – 2019 (12 week	Swayam	AISSMS COE and Self

	the Course of Strength Of Materials		course)		
32	NPTEL – Online Certification on the Course of Ergonomics Workplace Analysis.	Course	July – August 2019.	SWAYAM (IIT Bombay)	AISSMS COE and Self
33	NPTEL - AICTE FDP on Ergonomics Workplace Analysis	FDP	Half one-week (July- August 2019)	SWAYAM (IIT Bombay)	AISSMS COE and Self
34	CETL's One Week on Vision-Mission-Goals-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10 th – 15 th June, 2019.	AISSMS COE	AISSMS College of Engineering
35	NBA Accreditation	STTP	22/04/2019 to 26/04/2019	NITTTR, Kolkata	NITTTR, Kolkata
36	Successfully completed One month Orientation Programme with Grade "A"	"52 nd Orientation Programme	26/11/2018 to 22/12/2018	JNTU, Hyderabad under HRDC and RCCB.	UGC Sponsored
37	Water Management and Energy Conservation	FDP	July 14, 2018	AISSMS COE	AISSMS College of Engineering
38	Analysis of Sheet Metal Forming Processes	STC	May 07 – 11, 2018	IIT Bombay	QIP
39	Project Based and Student Centric Learning Activities	FDP	23 rd February, 2018	AISSMS COE	AISSMS College of Engineering
40	PEDAGOGY PRACTICES	FDP	January 16-17, 2018	AISSMS COE	AISSMS College of Engineering
41	Virtual Labs	Workshop	4 th August, 2017	AISSMS COE	MHRD and National Mission on Education
42	Laboratory and Ergonomic Safety for Engineers	STC	June 12 – 16, 2017	IIT Bombay	QIP
43	Advances in Micro-manufacturing	STC	09 th – 13 th March 2017	COEP, under QIP	AICTE
44	Micro-manufacturing Technologies	STC	23 rd – 27 th March 2015	IIT Guwahati, under QIP	AICTE
45	Engineering Mechanics	Two-Week	26 th Nov to 06 th	IIT Bombay under	MHRD

		ISTE Workshop	Dec, 2013	the National Mission on Education	
46	Undergraduate teaching of Materials Science and Engineering	STC	11 th to 17 th July, 2013	IIT Delhi	QIP AICTE, Govt. of India
47	Faculty Development Programme	Industry	5 th – 6 th July, 2013	CII, Pune and Vishay Components India Pvt. Ltd., Loni	Vishay Components India Pvt Ltd, Loni
48	Faculty Development Programme	FDP	17 th – 19 th April, 2013	Faculty Training Cell	AISSMS College of Engineering
49	Micromachining	Workshop	22/01/2011	P.E.S. Modern College of Engineering	University of Pune

Industrial Training & Certifications

Sr. No.	Details	Certification Body	Duration
01	Industrail Training at Speciality Sintered Products Pvt Ltd, Shirwal	Speciality Sintered Products Pvt Ltd, Shirwal	05 days
02	CertifiedTrainerof Robot Technology and Operations	Indo German Chember of Commerce (Germany)	45 days
03	CertifiedTrainerAutomotive Robotics and Automation Sumulation Engineer (QP No – ASC/Q8304)	Government of India (ASDC)	45 days
04	CertifiedTrainerof Robot Technology and Operations	Government of India (ASDC)	45 days

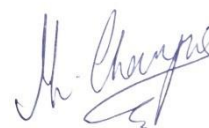
Major Professional Responsibilities Handled

Sr No	Role and Responsibilities
1	Associate Dean Student Affairs
2	Institute level NAAC Criteria V coordinator
3	Training and Sandwich Placement of Students in Industries
4	Institute level FDP committee member
5	Coordinator for the BOAT at Institute level.

Awards Received

S. No.	Awards
01	Certificate of Appreciation for mentoring 35 students of NPTEL online course Innovation by Design during January to April 2025.
02	Appreciation letter for conducting session and visit of AISSMS IOM students in Production Engineering Workshop on 05th and 06th March 2019
03	Actively participated the Microsoft Technology Enriched Instruction FPW at COEP on 20 th March 2015 and is recognized as Microsoft Faculty Fellow.
04	Appreciation letter from Principal of AISSMS College of Engineering for conducting more number of lectures on DME subject of SE Production Engineering Sandwich on dated 16.01.2013.

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



Mr Mohan L Chanpur