



Department of Electrical Engineering


Faculty Profile

Prof.S.M.Chaudhari

ME (Electrical Engineering)

Assistant Professor

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 [Google Scholar https://www.linkedin.com/in/xxxx-xxxxxx-93b335b5/](https://www.linkedin.com/in/xxxx-xxxxxx-93b335b5/)



ResearchAreas/ Areas of Interest

Electrical Machines, Solar Energy

Personal Details

Date of Birth : 23 / 08 / 1974

Domicile: Maharashtra

Gender : Male

Blood Group: ARh- ve

Contact Details: 13/75,Apte Colony,Vithhal Rakhumai Society,Hingane (Khurda)
Sinhagadh Road, Pune 411051

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Electrical Engg-Control Sysytem	Pune	I st	May 2004
2	B.E.	Electrical Engineering	Pune	I st	June 1997
3	DEE	Electrical	DTE Mumbai	I st	June 1993

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	23	10
2	Research	-	-
3	Industry	-	-
4.	Others	--	--
Total		23	10

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Electrical Machines-I	UG	SE (Electrical)	10
2	Electrical Machines-II	UG	TE (Electrical)	08
3	Electrical Measurements And Instrumentation	UG	SE (Electrical)	08
4	Utilization of Electrical Energy	UG	TE (Electrical)	08

5	Switchgear And Protection	UG	BE (Electrical)	02
6	Electrical Installation, Testing And Maintenance	UG	TE (Electrical)	02

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	--	10	--	--	01
Conferences	01	--		--	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Speed Control of 3 phase of Induction Motor by Using Multilevel Inverter	CHAUDHARI SANDEEP MOTILAL, SHELAR ABHIJIT R	2014	IJIRAE	2349-2163	IJIRAE
2	Parameter identification and Modeling of Separately Excited DC Motor	Chaudhari Sandeep Motilal, Asarkar Sanket A	2015	IJIERT	2394-3696	IJIERT
3	DC Motor Control using Fuzzy Logic Controller for Input to Five Bar Planar Mechanism	Abhyankar Aditi A, Chaudhari Sandeep M	2016	IJLTEMAS	2278-2540	IJLTEMAS
4	Identification and Compensation of Resonance in Hybrid Stepper Motor	CHAUDHARI SANDEEP MOTILAL, JAIN NIKHIL	2016	IERJ	2395-1621	IERJ
5	Current frequency based identification scheme for resonance detection in Hybrid Stepper Motor.	CHAUDHARI SANDEEP MOTILAL, JAIN NIKHIL	2016	IJARIE	2395-4396	IJARIE
6	Design and implementation of LED	CHAUDHARI SANDEEP	2017	IJRASET	2321-9653	IJRASET

	driver for illumination and Visual light positioning	MOTILAL,Athavale Ajit				
7	Harmonic Mitigation Techniques for synchronous alternator	Pranali Bagal CHAUDHARI SANDEEP MOTILAL	2017	IJSART	2395-1052	IJSART
8	Design of Revised Illumination Scheme for Educational Institute To Achieve Energy Saving	SAMRUDHHI KUCHIK VITTHAL DEOKAR CHAUDHARI SANDEEP MOTILAL	2018	IJSART	2395-1052	IJSART
9	Speed Control of 3 phase of Induction Motor by Using Multilevel Inverter	CHAUDHARI SANDEEP MOTILAL,SHELAR ABHIJIT R	2018	IJERT	2278-0181	IJERT
10	A Case Study of Design and Development of Harmonic Filter for Computer laboratory in an Engineering College	CHAUDHARI SANDEEP MOTILAL	2011	IJCAES	2231-4946	IJCAES

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	PID and Fuzzy Control of BLDC Motor	Yogesh GArge S.M.Chaudhari	2017	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING	2320 - 9798	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN COMPUTER AND COMMUNICATION ENGINEERING

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	08	35

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	National	Life	LM29688
ISLE	National	Life	--

Patents/IPR Filed/Granted

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

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1	Electrical Machines II	Techknowledge Publication	978-93-89889-20-8
2	Electrical and Electronic Measurements	Techknowledge Publication	978-93-89233-35-3
3	High voltage Engineering	Techknowledge Publication	978-93-89424-07-2
4	Switchgear And Protection	Nirali Publication	978-93-89299-30-4
5	Electric Power Transmission And Distribution	Techknowledge Publication	978-93-89684-13-1
6	Utilization of Electrical Energy	Techknowledge Publication	978-93-89684-67-4
7	Illumination Engineering	Techknowledge Publication	978-93-89503-33-3
8	Measurement-I	Nirali Publication	978-93-88293-35-8
9	Electrical Installation And Estimation	Tech Max Publications	978-93-88723-57-2
10			

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	Institution Building And Staff Development	FDP	One week	State	AISSMS IOIT

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
	Dipex Project Competition	Judging of Projects	(Satte Level Competition)	2018
	Dipex Project Competition	Judging of Projects	(Satte Level Competition)	2019
	Rajarshi Shahu COE	Electrical Measurements And Instrumentation	Expert Lecture	2019
	Shriyash COE, Chhatrapati Sambhaji Nagar	Electrical MACines	Expert Lecture Series	2018

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	New Challenges And Issues of Indian Electricity market for Upcoming decade 2030	National	11/5/20to 16/5/20	Sandip Institute of Tech & Research + MSCDCL	Sandip Institute of Tech & Research + MSCDCL
2	FDP-Emerging Technologies in Robotics	National	26/5/20 to 30/05/20	Malla Reddy Engg College ,Telangana	Malla Reddy Engg College ,Telangana
3	FDP-Innovation to Academics	National	11/5/20to 16/5/20	Ramchandra COE,Delhi	Ramchandra COE,Delhi
4	NAAC Awareness Programme	National	8/5/20 to 14/5/20	Marathwada Mitramandal	Marathwada Mitramandal
5	NBA Accreditation	National	17/5/20	Process SNJB COE,Chandwad ,Nashik	Process SNJB COE,Chandwad ,Nashik
6	E-Learning Course-Induction Motor		27/04/2020 to 30/04/2020	TATA Steel Elearning-Capability Development Program	TATA Steel Elearning-Capability Development Program
7	E-Learning Course-Transformer		27/04/2020 to 30/04/2020	TATA Steel Elearning-Capability Development Program	TATA Steel Elearning-Capability Development Program

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	HOD-Head of the Electrical Engineering Department
2	NBA Criteria-IV Incharge
3	AISSMS RTO Campus-Solar Rooftop System Staff Coordinator
4	Convener for FDP, Workshops

5	Subject Chairman for few subjects at UG,PG Level
6	ESSA –Cultural Staff coordinator

Awards Received

S. No.	Awards
1	Best Teacher Award of AISSMS IOIT (3rd Rank) fro 03 Years
2	NASCON-Best Camper Award

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

DrX Y Zxy

(Name with Signature)