

Electrical Engineering Department

Faculty Profile		
Name	Mr.Bajiara Bapu Rajigare	
Email id	brajigare@gmail.com	
Contact No.	7798805757	
Designation	HOD-Electrical department	
Highest Qualification	M.E(E&TC),PhD(Pursuing)	
Teaching Experience (in years)	22	
Area of specialization	Environmental Studies , Energy Conservation and Audit , Entrepreneurship Development, Power Electronics	
Industrial Experience	06 Months	
Additional information	1. Life Member of ISTE, MISTE-LM 60940, 2. Member of Curriculum Revision Project CRP for Electrical Engineering subjects for MSBTE. 3.M.I.E-MEMBER OF INSTITUTION OF ENGINEERS NO: 1435161-1 JUNE 2011 months	
Date of Appointment	28/01/2001	
Subjects Taught	1. Environmental Studies (Second-year Diploma) 2. Energy Conservation and Audit (Third-year Diploma) 3. Entrepreneurship Development. (Third-year Diploma) 4. Utilization of Electrical Engineering. (Third-year Diploma)	

Training attended Conference/ Seminars/Workshops attended:	Sr. No.	DURATION & DATE OF STTP	APPROVAL	TITLE OF TRAINING PROGRAMME	ORGANIZING INSTITUTE
	1	27 July 2020 to 23 Aug 2020 (four weeks-01 month)	ISTE	"Communication Skills and Personality Development"	Department of Electronics and Telecommunication engineering, Government polytechnic Hingoli.
	2	11 Sep 2020	ISTE	National Level One Day Awareness Workshop on" Outcome based education and accreditation	Raisoni Institute of Engineering & Technology, Nagpur
	3	19 Sep 2020	NIT	NEP 2020	NITTR Bhopal
	4	1(ONE) WEEK 21st to 25th September 2020	ISTE	"Condition Monitoring : Level 1"	Adani Dahanu Thermal Power Station (ADTPS), CEA Dahanu Technical Training Centre
	5	05 day (02 Nov to 07 Nov 2020)	-	Energy Management system-Level 01	Adani Electricity Management Institute
	6	01 (TWO) WEEK, 15th to 19th March, 2021	DTE MUMBAI/MSBTE	RECENT TRENDS IN GREEN ENERGY TECHNOLOGIES 15TH TO 19TH MARCH, 2021	Organized by Department of Electrical Engineering, Government Polytechnic, Bramhapuri
	7	01 (TWO) WEEK 23 TO 28 MARCH 2021	AICTE/ISTE	"Emerging Trends in Energy Management and Energy Audit"	Mechanical Engineering Department ,Government Polytechnic Amravati .

8	25 TO 31 AUG 2021(06 days)	AICTE/ISTE	“Advances in Renewable Energy Technologies” opportunities and challenges- III	Jodhpur Institute of technology Jodhpur
9	01 day 02 oct 2021	ADIT	Introduction to Practical Aspects of Power Distribution Organized	Adani Electricity Management Institute
10	20 TO 24 DEC 2021 (05 DAYS)	ISTE Approved STTP	“Quality Control”	Organized by Shri Sai Shikshan Sanstha’s NIT POLYTECHNIC, NAGPUR
11	29 March 2023 01 day	National Level	National Education Policy- 2020(NEP-2020)	Dr J J Magdum college of engineering Jayasingpur
12	27 feb to 03 march 2023	ISTE Methodology	Engineering Research	M H Saboo Sidik polytechnic Mumbai (Online mode)
13	19-23 Dec 2023	ISTE	Innovative Practices in Teaching Learning Process	Navsahydri Group of Institutions, Naigaon,Bhor,Pune (Online mode)
14	08 TO 12 Jan 2024	ISTE	Artificial Intelligence and Machine Learning-	Ashokrao Mane Polytechnic, Vadgaon, Kolhapur, (Online mode)


No. of NPTEL/SWAYAM/ATAL certification courses completed		--		
Papers published				
Sr. No	LEVEL	NAME OF RESEARCH PAPER	DURATION OF PRESENTATION	NAME OF INSTITUTE PRESENTATION
01	NATIONAL	"WIRELESS COMMUNICATION"	30 TH SEP TO 02 ND OCT 2000.	TERNA COLLEGE OF ENGG, NERUL MUMBAI.
02	NATIONAL ISTE APPROVED"TECHNO BUZZ 2007"	"SMART ANTENNAS SYSTEM"	16 TH -17 TH 2007	SOU. VENUTAI CHAVAN POLYTECHNIC, PUNE - 41
03	NATIONAL UGC –NSRASI-07 , POSTER PRESENTATION.	"SMART ANTENNAS SYSTEM"	15 TH &16 TH OCT 2007.	SHANKARAO MOHITE MAHAVIDYALYA, AKLUJ, MAHARASHTRA.
Research /Development Projects Undertaken		--		

Faculty Profile



Name	Mrs. Khot Shubhangi Prashant
Email id	khotshubha19@gmail.com
Contact No.	Mobile. 9922740459
Designation	Lecturer
Date of Birth	19/01/1978
Highest Qualification :	M.E.(E&TC)
Experience Teaching Years :	19 Yrs.
Area of specialization :	Basic Electronics, Digital Electronics, Power Electronics
Experience Industrial :	Nil
Additional information :	1.MSCIT course, Computer Hardware Course. 2.Working as a author for developing learning material for bilingual. 3.Life member of ISTE.
Date of Appointment :	1/07/2010
Subjects Taught :	1.Applied Electronics, 2.Electronic & Electrical Measurement, 3.Basic Electronics, 4.Linear Integrated circuits, 5.Instrumentation, 6.Industrial Measurement, 7.Microcontroller Applications, 8.Elements Of Electronics, 10.Digital Electronics & Microcontroller Applications, 11.Fundamentals of Power Electronics , 12.Power Electronics & Drives , Power Electronics , 13.Power Electronics And Applications, 14 Elements of Industrial Automation
Training attended :	1.ISTE approved one week National level online FDP on “Data analytics using Python, SQL and Power BI” 12 th to 17 th Feb -2024. 2.3 days online FDP on “Research methodology and Research Paper writing” on 15 th Nov 2022-17 th Nov 2022 3.One week FDP on “Technical Teachers Training” on 22 th -27 th May 2021.

	<p>4. ISTE approved One Week STTP (Complete Training on Quality Circle QC) (ONLINE), NIT, Nagpur-2021</p> <p>5." Recent Trends In Electronics And Computer Engineering,3 Days ONLINE FDP conducted by Asokrao Mane.</p>
Conference/ Seminars/Workshops attended:	--
No. of NPTEL/SWAYAM/ATAL certification courses completed :--	Nil
Papers published: -	<p>1. "Study of Diabetic Retinopathy using DRIVE & STARE Database with K-NN classifier" IJEECS ISSN :2348-2273 Vol 4, Issue Aug 2020</p> <p>2. Comparative Study Of Diabetic Retinopathy Using K-NN And Bayesian Classifier IJIERT ISSN:239-3696 Vol 4, Issue 5, May-2017.</p> <p>3. Blood Vessel Segmentation in Retinal Images By Using Gray-level and Moment Invariants-Based Features National Conference of Emerging Trends in Engineering & Technology ISSN:2231-5063 NCETET-2016,1st March 2016</p>
No. of NPTEL/SWAYAM/ATAL certification courses completed:--	Nil
Research /Development Projects Undertaken: -	Nil


Faculty Profile	
Name	Mr. Santosh Rudrappa Madiwal
Email id	Sant.madiwal@gmail.com
Contact No.	8482928258
Designation	Lecturer
Highest Qualification	M.E (Electrical Engineering)
Teaching Experience (in years)	13 year
Area of specialization	Electrical Machines, Industrial Automation
Industrial Experience	01 year
Additional information	--
Date of Appointment	15/01/2011
Subjects Taught	<ul style="list-style-type: none"> • DC Machines & Transformer. • AC Machines • Testing of Electrical Machines • Fundamentals of Electrical Engineering • Electrical & Electronics Measurements • Circuit Network • Transmission & distribution of Electrical Power • Instrumentation
Training attended	<ul style="list-style-type: none"> • Participated in Webinar on “Design of Analog Layout & Opportunities and Challenges in Semiconductor Domain” on 1st & 2nd June, 2020 organized by Department of Electronics & Communication Engineering, KLE College of Engineering & Technology, Chikodi. • Participated in one week national level online FDP on “Effective use of ICT tools in teaching learning process” organized by government polytechnic, Malvan from 8th June 2020 to 12 June 2020. • Participated in webinar on “Energy and Environment problems facing the third world and their probable solutions for sustainable development and poverty alleviation” organized

	<p>Hirasugar Institute of Technology, Nidasoshi, Belgaum on 27 July 2020.</p> <ul style="list-style-type: none"> • Participated in online webinar on “Power quality issues and mitigation methods with RES integration” organized by department of Electrical Engineering, Ashokrao Mane Polytechnic, Vathar • Participated in online webinar on ”Smart Administrative Work” during 11th May 2020 to 16th May 2020 conducted by Latthe Education Society’s Polytechnic, Sangli
Conference/ Seminars/Workshops attended:	--
No. of NPTEL/SWAYAM/ATAL certification courses completed	--
Papers published	<ol style="list-style-type: none"> 1) Design and development of solar tree for domestic applications, International journal of engineering sciences & research technology, August-2016 2) Design Of Fault Tolerant Control System Of VSI-Fed Induction Motor Drives, International Journal of creative research thoughts, 2021/1/25.
Research /Development Projects Undertaken	<ul style="list-style-type: none"> • Design and development of Autotransformer starter for Electrical Machines laboratory. • Design and development of Study of starter panel for Electrical Machines laboratory. • Design and development of three phase variable inductive load bank for Electrical Machines laboratory. • Development of trainer kits- Charging & discharging of capacitor, Thevenin’s Theorem Kit, Maximum power transfer theorem kit, Star Delta Kit...etc

Faculty Profile



Name	Mr. Umesh Kalgonda Patil
Email id	upatil25@gmail.com
Contact No.	8999449699
Designation	Lecturer
Highest Qualification	B.E. (Electrical & Electronics), M.E (Pursuing)
Teaching Experience (in years)	13 years
Area of specialization	Fundamentals of Electrical Engg, Electric Motors & Transformers, Industrial AC Machines, Maintenance of Electrical Equipments
Industrial Experience	Nil
Additional information	MSCIT course, Computer Hardware Course
Date of Appointment	15/06/2011
Subjects Taught	FEE, CNE, IAM, MEE, ECI, SAP, EEM
Training attended	--
Conference/ Seminars/Workshops attended:	Artificial Intelligence and Machine Learning (ISTE) at Ashokrao Mane Polytechnic, Vadgaon, Kolhapur, Artificial Intelligence and Generative Models at Vishwakarma Institute of Technology, Pune.
No. of NPTEL/SWAYAM/ATAL certification courses completed	---
Papers published	---
Research /Development Projects Undertaken	---

Faculty Profile		
Name	Mr. Prashant Siddappa Gurupadagol	
Email id	Prashnatgol28@gmail.com	
Contact No.	7350319660	
Designation	Lecturer	
Highest Qualification	B.E.(Electrical &Electronics), M.E (Pursuing)	
Teaching Experience (in years)	13	
Area of specialization	Electrical And Electronics	
Industrial Experience	Nil	
Additional information	--	
Date of Appointment	05/07/2011	
Subjects Taught	ILLUMINATION ENGINEERING ELECTRICAL DRAWING AND CAD ELECTRICAL MATERIAL & WIRING PRACTICE ELECTRICAL ESTIMATION AND CONTRACTING	
Training attended	<ol style="list-style-type: none"> 1) Challenges in Evolving Power Systems (FDP) –FINOLEX 22-11-2021 to 27-11-2021 2) IoT and its Application -GP Kolhapur 13-12-2021 to 18-12-2021 3) Quality Circle (QC) -NIT Poly. Nagpur 20-12-2021 to 24-12-2021 4) Problem base learning - NPK 01 to 05 Jan 2021 5) Renewable energy Systems NPK 08n to 12 Jan 2023 6) Artificial Intelligence and machine learning AMP, Kop. 08 to 12 Jan 2024 7) Artificial Intelligence and Generative models VIT, Pune 15 to 19 Jan 2024 	
Conference/ Seminars/Workshops attended:	Advanced Technologies in Electrical and Electronic Systems (ATEES-2022) - KLS Gogate, Belagavi 03-01-2022 to 07-01-2022 (International Workshop)	
No. of NPTEL/SWAYAM/ATAL certification courses completed	--	

Papers published	--
Research /Development Projects Undertaken	--

Faculty Profile




Name	Mr. Nitin Shivaji Sawant				
Email id	nitin.sawant44@gmail.com				
Contact No.	+917020004600				
Designation	Lecturer-Electrical department				
Highest Qualification	B.E. (Electronics)				
Teaching Experience (in years)	13				
Area of specialization	Fundamentals of Electrical Engineering, Elements of Industrial Automation, Electrical Circuits, Electrical & Electronics Measurement				
Industrial Experience	00				
Additional information	1. Moderation officer at Regional Assessment Centre of MSBTE. 2. Departmental NBA coordinator				
Date of Appointment	21/12/2010				
Subjects Taught	1. Fundamentals of Electrical Engineering 2. Elements of Industrial Automation 3. Electrical Circuits 4. Electrical & Electronics Measurement				
Training attended	Sr. No.	DURATION & DATE OF STTP	APPROVAL	TITLE OF TRAINING PROGRAMME	ORGANIZING INSTITUTE
Conference/ Seminars/Workshops attended:	1	13th and 18th December 2021	ISTE	" IoT and It's Applications "	Government Polytechnic, Kolhapur.
	2	25th and 27th November 2021	ISTE	Workshop on Raspberry Pi and It's Programming	D.K.T.E.'s Yashavantrao Chavan Polytechnic, Ichalkaranji.
	3	31 st August 2022	Ministry of Education (MoE) and IIC	Entrepreneurship Awareness	Siddheshwar Women's College of Engineering, Solapur

	4	08 TO 12 Jan 2024	ISTE	Artificial Intelligence and Machine Learning-	Ashokrao Mane Polytechnic, Vadgaon, Kolhapur,	
	5	12 th to 17 th February 2024	ISTE	Data Analytics using Python, SQL and Power BI	Bapuji Salunkhe Institute of Engineering and Technology, Kolhapur	
	6	15 th to 19 th January 2024	VIT	Artificial Intelligence and Generative Models	Vishwakarma Institute of Technology, Pune	
	7	12 th to 17 th February 2024	VIT	“Empowering Educators: Advancements in Computing Pedagogy ”	Vishwakarma Institute of Technology, Pune	
No. of NPTEL/SWAYAM /ATAL certification courses completed	---					
Papers published	---					
Research /Development Projects Undertaken	---					

Faculty Profile



Name	Ms.Nayan Vijay Patil
Email id	nynpatil2015@gmail.com
Contact No.	8975434758 Mobile.8975434758
Designation	Lecturer
Highest Qualification	BE Electrical
Teaching Experience (in years)	3 Yrs.
Area of specialization	Electrical Power Transmission and Distribution Engg, Electrical power generation, Industrial AC Machines
Industrial Experience	Nil
Additional information	---
Date of Appointment	5 th Oct 2021
Subjects Taught	Electrical Power Transmission and Distribution Engg, Electrical powergeneration, Industrial AC
Training attended	<p>:1. Participated in the 3 days FDP on "Efficient Electrical installations and managing electricity bills "from 27th April,2022 to 29th April,2022</p> <p>2. Attended one day national level workshop on "Impact of NBA process in quality and capacity buildingof polytechnics" on 26th March,202</p> <p>3. Attended two days FDP on "Online teaching &E-content" on 3rd &4th of June,2020.</p> <p>4.Participated in the "Retailer Programme of Standards &Labelling Program of BEE "on 25th Jan,2020</p>
Conference/ Seminars/Workshops attended:	
No. of NPTEL/SWAYAM/ATAL certification courses completed	---
Papers published	---"Design and implementation of Full bridge non isolated DC-DC Bidirectional converterusing fuzzy Logic" Journals of Embedded Systems and Processing.
Research /Development Projects Undertaken	---

Faculty Profile	
	
Name	Mr. Chandrashekhar Vishwashrao Karavade
Email id	Shekarkarvde26@gmail.com
Contact No.	9420
Designation	Lab
Date of Birth	26/06/1965
Department	Electrical Engineering
Highest Qualification	B.A.Ldc.
Experience (in years)	23 years
Date of Appointment	14/08/2000

Faculty Profile



Name	Mr. Omkar Shirish Khot
Email id	Khotomkar09@gmail.com
Contact No.	9765509070
Designation	Lab Assistant
Date of Birth	22/02/1994
Department	Electrical Engineering
Highest Qualification	Diploma in Electrical Engineering
Experience (in years)	7 years
Date of Appointment	1/04/2016

Faculty Profile



Name	Mr. Aniket Sanjay Tibile
Email id	atibile0@gmail.com
Contact No.	9763783078
Designation	Lab Assistant
Date of Birth	23/04/2000
Department	Electrical Engineering
Highest Qualification	I.T.I.(Wireman)
Experience (in years)	1 years in MSEB
Date of Appointment	01/04/2023

Faculty Profile



Name	Mr. Nitin Hindurao Gaikwad
Email id	Nitingaikwad17061969
Contact No.	9420779134
Designation	Lab Attendant
Date of Birth	17/06/1969
Department	Electrical Engineering
Highest Qualification	11 th Arts
Experience (in years)	30
Date of Appointment	23/08/1991