



*Shri Shamrao Patil (Yadavkar) Educational & Charitable Trust's*  
**Sharad Institute of Technology College of Engineering**  
**Yadav (Ichalkaranji)-416121**

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated to Shivaji University, Kolhapur & DBATU, Lonere)  
DEPARTMENT OF ELECTRICAL ENGINEERING



**(A) Personal Data:**

**Mr./Ms./Mrs./Dr./Prof. :** Mr.

**Name :** Gundhar Arun Chougule

**Programme (UG/PG) :** UG

**Course / Department :** Electrical Engineering

**Area of Specialization :** Electrical Power System.

**Exact Designation :** Assistant Professor

**Address (Residential) (with PIN code) :** A/P-Tilawani, Tal-Hatkanangle, Dist- Kolhapur, Pincode-416116

**E-mail ID :** gchougule518@gmail.com

**Mobile No. :** 9665805714

**(B) Project Under Taken:**

Sr. No.	Name of the Project	Academic Year
1	Power Theft Indicator	2013-2014
2	Automatic capacitor switching using power factor controller	2015-2016
3	Automatic energy meter reading through GPS	2015-2016
4	Arduino-GSM based Generator Parameter Monitoring	2016-2017
5	Automatic Toll Collection System	2016-2017
6	Vibration analysis for mechanical fault detection for electric motor	2017-2018
7	Recyclo Bike	2017-2018
8	Implementation and Analysis of Smart Helmet	2018-2019
9	Smart Automation By Using Zigbee and GSM	2018-2019



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**(C) Academic Qualifications:**

Exam Passed	Name of the Institute
BE	Government College of Engineering , Karad
ME	G.H.Raisoni Institute of Engineering & Technology, Pune

**(D) Experience:**

Teaching Experience (In Years)
9.3

**(E) Conferences, seminars, symposia, training, workshop, STTP, FDP attended**

1. Participated 5-Days workshop on “**Pedagogy Initiatives**” conducted by SITCOE, Yadav from 13<sup>th</sup> to 17<sup>th</sup> Nov 2018.
2. Attended one week approved faculty development program on “**Outcome Based Technical Education**” Organized by SITCOE, Yadav On 21<sup>st</sup> -26<sup>th</sup> May 2018.
3. Attended 1-week faculty development program on “**Research Opportunities** “under lead college Shivaji University during 1<sup>st</sup> to 6<sup>th</sup> December 2016 organized by SITCOE, Yadav.
4. Attended one day workshop on “**New Dimensions of Leadership & communication**”. On 24<sup>th</sup> July 2016.
5. Attended 1-week faculty development program on “**Pedagogy to synergogy**” during 7<sup>th</sup> May to 11<sup>th</sup> May 2016.
6. Attended 2-week ISTE workshop on “**Advanced Techniques in Research Methodology**” during 5<sup>th</sup> -26<sup>th</sup> June 2015.
7. Attended 1-days training on “**energy conservation & audit** at SITCOE, Yadav on 17<sup>th</sup> April 2015.
8. Participated in 3 Days workshop on “**Teaching Methodology**”. From 15<sup>th</sup> June to 17<sup>th</sup> June 2012.
9. Participated in 1 week faculty development program on “**Effective proposal writing for research and funding**” from 13<sup>th</sup> to 18 may 2020 at Sandip institute of technology & research center Nasik.



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10. Participated in 1 week faculty development program on “**Recent Developments in Electrical Transmission & Distribution System**” from 28th to 30th May 2020 at Godavari College of engineering & polytechnic, jalgaon.
11. Attended 1-week workshop on “**Experience in solar energy challenges & opportunity**”, from 8th to 13th June 2020, at PCCOE, Pune.
12. Attended 1-day webinar on “**Regulated Electricity Market**” 19<sup>th</sup> May 2020, at SITCOE, Yadav.
13. Attended 1-week faculty development program on “**Power Quality & reactive power management**” 1<sup>st</sup> to 5<sup>th</sup> June 2020 at SITCOE, Yadav.
14. attended one week online FDP on “**Emerging Trend in industry**” from 18<sup>th</sup> May 2021 to 22<sup>nd</sup> May 2021 organized by Department of Instrumentation & Control Engineering & Internal Quality Assurance Cell of MVPS K.B.T College of Engineering, Nashik.
15. Attended one week STTP ON “**Disaster Management & Risk Reduction –A Geospatial Approach**”, Under Lead College Scheme Shivaji university Kolhapur organized by department of civil Engineering from 16<sup>th</sup> June to 21<sup>st</sup> June 2021.
16. Attended ATAL FDP on “**Recent Trends in Electric Vehicle & Renewable Energy System**”, from 21-06-2021 to 35-06-2021.
17. Attended FDP on “**Simulation Tools for Research**” held during 08-02-2022 to 14-02-2022 Organized by Sharad Institute of Technology College of Engineering, Yadav.
18. Attended workshop on “**Electric Vehicle Intelligent Technologies**” from 8<sup>th</sup> to 12<sup>th</sup> July 2023 organized by School of Electric Engineering, Department of Energy and Power Electronics, VIT, Vellore.
19. Attended Workshop on “**Fundamental and Applied Skills for Futuristic Vehicles**” 1-5 July 2023 organized by Indian Institute of Technology Hyderabad.
20. Attended FDP on “**Industrial Automation**” organized at Sharad Institute of Technology College of Engineering, Yadav.

**(F) Paper published in conferences/journals**

**(i) Paper published in Journals:**

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue
1	International Journal of Engineering and Advanced Technology	A New Method of Selective Harmonic Elimination PWM for H-Bridge Cascaded Multilevel Inverter	Volume-X, Issue-X
2	Journal of Electronic Design Engineering	Implementation and Analysis of Smart Helmet	Volume 5 Issue 1
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	Journal of Switching Hub	Smart Automation By Using Zigbee and GSM	Volume 4 Issue 1
4	NCRET Conference	Vibration analysis for mechanical fault detection for electric motor	ISBN 978-93-86074-55-3
5	Journal of Control System and Control Instrumentation	Arduino-GSM based Generator Parameter Monitoring	Volume 3 Issue 1
6	Journal of Control & Instrumentation	Automatic Toll Collection System	Volume 8, Issue 1
7	International journal of innovations in engineering research and technology	Simulation study of Quasi z-source inverter for resistive and Inductive load	Volume 2, Issue 6
8	Journal of Power Electronics & Power Systems	Software and Hardware Implementation of Quasi z Source Inverter in DC-DC Converter with DC Motor as Load	Volume 5, Issue 3
9	International journal of advanced research in Electrical ,Electronics & Instrumentation Engineering ( IJAREEIE)	Design of automatic guided vehicle using Arduino Uno & RFID Sensor	Volume 9, Issue 6

**(G) Professional Membership:**

Sr. No.	Name of the membership	Membership no.	Type of membership (Annual / life)	Name of membership body	duration	
					from	to
1	Member	LM94937	Life Membership	The Indian Society for Technical Education (ISTE), New Delhi	July 2014	Life time

**Achievements:**

1. Received “Best Teacher Award” from Department of Electrical Engineering in Jan 2019 at Sharad Institute of Technology College of Engineering, Ichalkaranji.
2. Appreciation Certificate from Dipex 2013 as a good guide for the project “Power Theft Indicator”.