RESUME

Dr. RAWAL CHETAN SHRIKANT



Permanent Address :	8/332,Thorat Chowk, A/P: Ichalkaranji, Tal: Hatkanangle, Dist: Kolhapur Pin: 416115.
E-mail Id:	rchetan1441@gmail.com
Phone No.:	9021652242

Career Objective

To be a competent professional engineer through consistent learning and contributing significantly to the organization where creativity and sincerity are recognized and well rewarded.

Research Interest: Electric Vehicle, Power System.

EDUCATONAL DETAILS

Branch: Electrical Engineering

Degree	College/School	University/BOARD	Year	Marks in %
Ph.D	SunRise University	Sunrise University, Alwar	2026	Defended
M.E. (Power system)	ADCET, Ashta.	Shivaji University	01-2016	74.22
B.E.(E.E.)	ADCET, Ashta.	Shivaji University	2011	68.88
DIPLOMA	Govt. Polytechnic Kolhapur.	Govt. Polytechnic, Kolhapur	2007	66.88
H.S.C. M.C.V.C	Govindrao Jr. College, Ichalkaranji	Kolhapur	2003	67.50
S.S.C.	Govindrao Highschool, Ichalkaranji	Kolhapur	2001	46.93

Organizational Experience

1.Name of Organization : Sharad Institute of Technology Polytechnic, Yadrav.
Post : Dean Student Affair.
Experience : September 2026 to till Date

2.Name of Organization : Sharad Institute of Technology Polytechnic, Yadrav.
Post : Head of Electrical Engineering Dept.
Experience : June2014 to till Date (12 years)

Post : Lecturer (**Approved by MSBTE**)
Approval No. : KA.59 (192)/2016/7252. 5th November 2016.

Experience : 21st Dec 2011 to May2014 (2 years, 5 months)
3. Cleared the exam of **महावितरण (MSEDCL)** and Selected for the post of Sub Engineer at Nov2011.

Project Work :-

Title-A Study of Optimum Planning of Plug In Hybrid Electric Vehicles For Different Models With Distributed Generations
Title: An AC-AC Converter for doubly fed induction generator Driven by wind turbine
Title: Fault detection in substation by using 'SCADA' system

Publication: Paper Publication

Impact of PHEV Diversity and Charging behavior on smart grid performance in distributed generation networks published in IJIEMR under ELSEVIERISSN 2456-5083, V-12 I-12/163 December 2023.
A comparative optimization frame work for plug in hybrid Electric vehicles in distributed generation networks published in IJARST (int. journal for advanced research in science & Technology) V-14,I-02, Feb 2024
An AC-AC Converter for doubly fed induction generator Driven by wind turbine. IJSRP.ORG December 2014, Volume 4, Issue 12 online publication under ISSN 2250-3153.

Paper presentation at conference:

Optimal Planning of Plug In Hybrid Electrical vehicles with distributed generation models 24 Int. conference on multidisciplinary Approaches in Humanities, Management sciences held on 21 April 2024 at Sri. S Ramasamy Naidu memorial college, Sattur T.N., ISBN: 978-81-952307-3-0.

Publication Under the Guidance:

Paper Publication

Sr. No.	Year	Paper	volume	Issue	Sr. No.	ISSN no.	Title
1	2025-26	IRJMETS	08	01	80100022624	e-ISSN:2582-5208	Design & Development of Ele. Lifting Mechanism
2	2025-26	IRJMETS	08	01	80100016741	e-ISSN:2582-5208	Foldable Electric vehicle
3	2024-25	IRJMETS	7	4	70400740557	e-ISSN:2582-5208	Practical. Setup of E-vehicle
4	2024-25	IRJMETS	7	2	702000 21661	2582-5208	Passive Solar tracking system
5	2021	IJREAM	6	5		00000-95785	review of voltage and speed control of grid connected induction motor
6	2023-24	IJRPR	5	3	113190-1	2582-7421	Heat Control Panel
7	2022-23	IRJMETS					Switch Gear Testing Kit
8	2021-22	JRER	7	1		4825-2022	Go Green Go India - an electric car the future of earth
9	2020-21	IJAEM	2	6		2395-5252	Solar broadcast system with flood monitoring
10	2020-21	IJSRD	9	5	382617	2321-0613	Power generation using roof top ventilator
11	2019-20	IJRESM	3	1		2581-5792	Operate DOL starter using GSM
12	2019-20	IJRESM	2	2		2581-5792	Integral Cycle control ac power without generating harmonics
13	2018-19	IJRESM	2	2		2581-5792	IOT Based smart waste management system

As a Head, Committee Faced for Department Accreditation:

1. National Board of accreditation(NBA) for 1st Cycle-Sep2018
2. National Board of accreditation(NBA)-Jan2022
3. Autonomous – MSBTE 2022
4. National Board of accreditation (NBA)– 09th Jan 2026

Committee at Institute level

1. Head of Alumni Committee

NPTEL Courses

National Program on Technology Enhanced Learning Certification Courses

Sr. No.	Particular	Score	Grade
1	SWAYAM-NPTEL AICTE Online Faculty Development program on **Smart Grid: Basics To Advanced Technologies.** Jan-Apr 2026	83%	**Elite + Silver**
2	SWAYAM-NPTEL AICTE Online Faculty Development program on **Sustainable Power Generation System.** June- Oct 2025	58%	-
3	SWAYAM-NPTEL AICTE Online Faculty Development program on **Power Electronics with Wide Band Gap Devices.** June- Oct 2025	70%	**Elite**
4	SWAYAM-NPTEL AICTE Online Faculty Development program on **Flexible AC Transmission System.** Jan-Mar 2025	68%	**Elite**
5	SWAYAM-NPTEL Online certification course on **Accreditation and Outcome based Learning.** Aug- Oct 2024	75%	**Elite+ Silver**
6	SWAYAM-NPTEL Online certification course on **Digital Protection of Power System.** Jan-Mar 2024	65%	**Elite**

Fund Received at Department

1. Rs. 1.83 lac fund received from ISTE and MSBTE board for FDTP

ACHIEVEMENTS:

Sr. No.	Achievements	Date
1	Invited as the **chief guest** on Cultural Program at Adarsh Education Societies Rambhau Jagtap High school Ichalkaranji	03-12-2025
2	Awarded as a **Best faculty for Excellent contribution in ISTE activities** 2021 by ISTE at AITD, Goa.	27-08-2022
3	Awarded as a **Best teacher** for the year 2014-15 by SIT Polytechnic	21-01-2015
4	Invited as a **Speaker** on Yuva Shakti Career Shibir at Govindrao Jr. college, Ichalkaranji.	05-06-2023
5	Invited as the **Chief guest** on engineers day at Govindrao High School Junior College Ichalkaranji.	15-09-2022
6	Invited as a **Chief guest** on Independence Day at Kasturba Gandhi Vidya Mandir Ichalkaranji.	15-12-2024
7	Invited as a **Program Expert** in the interview panel at Y D Mane Institute of Technology Polytechnic Kagal	26-04-2018
8	Invited as the **Chief Guest** on engineers day at Govindrao High School Junior College Ichalkaranji	15-09-2017
9	Invited as a judge for the national level paper presentation event at new Polytechnic Uchgaon Kolhapur	10-Oct-16
10	Invited as a judge for the national level technical paper presentation event at yashvantrao Chavan Polytechnic Ichlakaranji	21-01-2016
11	Invited as expert for the expert lecture on the subject of electrical estimation contracting at Yashwantrao Chavan Polytechnic Ichalkaranji	25-Feb-17
12	Invited as a judge for state level paper presentation and project competition event at new Polytechnic	12-03-2018

Responsibilities Handled

Sr. No.	Particular	Date
1	Appointed as a **Chairman of External Vigilance Squad** for Exam Centre, Distribution Centre and Digital Evaluation Centre S2026 MSBTE Examination	May 2026
2	Worked as a **Learning Material Developer** for the Course Emerging trends in electrical Engineering for 6th semester under "K" Scheme aligned with NEP2020	Oct 2025
3	Worked as a **Course Expert** for detailed course content Development, for 6th semester under "K" Scheme aligned with NEP2020 for MSBTE-Mumbai	03-03-2025
4	Worked as a **Program Coordinator for MSBTE sponsored one week FDTP** (faculty development program) on fueling the future: advances in hydrogen cell technology.	06-01-2025
5	Worked as a **Course Expert** for detailed course content Development, question paper profile creation for 4th semester under "K" Scheme aligned with NEP2020 for MSBTE-Mumbai	28-02-2024
6	Appointed as an officer in charge for MSBTE Online exam	17-12-2024
7	Appointed as a chairman for internal Vigilance Squad for winter 2024 MSBTE theory examination 13th December 2024	13-12-2024
8	Appointed as a member of internal Vigilance Squad for summer 2024 MSBTE examination	17-05-2024
9	Worked as a **Program Coordinator for ISTE sponsored FDTP** (faculty development training program) on Advance in industry electrical system	08-01-2023
10	Appointed as a **Member of Copy Case Enquiry Committee** for summer 2022 non AICTE examination MSBTE	10-08-2022
11	Appointed as a **Vigilance squad chairman** for this summer 2022 examination MSBTE	08-06-2022
12	Appointed as a **Centre admin for MHT CET** 2020 examination	20-10-2020

13	Appointed as a **Dye. Centre Superintendent for NEET** Examination	11-09-2020
14	Appointed as a Internal Vigilance squad chairman for this winter 2019 MSBTE examination	05-12-2019
15	Appointed as **Chief Officer In Charge** for summer 2019 MSBTE examination	22-05-2019
16	Appointment as a **Chief Officer In Charge** for Regional assessment Centre 2019 MSBTE	31-05-2019
17	Appointed as a Vigilance Squad member for MSBTE examination W 20 18	07-Dec-18
18	Appointed as controller for winter 2018 MSBTE examination	28-Nov-18
19	Appointed as a additional controller MSBTE winter exam	30-11-2017
20	Appointed as a officer in charge for Regional assessment Centre summer 2016 MSBTE	21-05-2016
21	Appointed as a **Chairman of external vigilance squad for RAC** (Regional assessment centre)	06-12-2016
22	Appointed as a officer in Charge Regional assessment centre summer 2015 MSBTE exam	16-05-2015

Workshop- Training Attended

Sr. No.	Workshop- Training
1	One week Faculty development program on Basics of 3D printing Technology 15th June 2024
2	**Participating in national education policy aligned curriculum and content development program short term training program conducted by National Institute of technical teachers training and Research Bhopal at RBTE Pune 1st March 2024.**
3	Completed one week faculty development program on electrical AutoCAD ISTE and ISLE approved at the December 2023
4	Completed ISTE approved one week faculty development program on teaching pedagogy 16th June 2023
5	Completed ISTE approved faculty development program on advanced Industrial Automation using PLC and SCADA second august 2022
6	Completed the faculty development program one week recent trends in electrical power system MSBTE sponsored at SG 21st December 2019
7	Completed one week short term training program on C programming for 14th December 2019
8	Completed AICTE ISTE approved induction program on Energy Conservation Building Code 2017 23/6/2018
9	Completed one week workshop on sensors and automation using Arduino 10th November 2017
10	Participated in two week ISTE short term training program on electric power system conducted by **IIT Kharagpur** 15th July 2017
11	Attended one week short term training program on electrical based Auto-CAD 11th December 2016
12	Attended one week short term training program on latex 23rd October 2016
13	Active participation in advance workshop new dimensions of leadership and communication by corporate trainer Manoj Ambike 19th June 2016
14	Attended factory development program on personality development 19th June 2015
15	Attended short term training program on teaching pedagogy and soft skill approved by ISTE 14th May 2015
16	Completed the training course orientation training program for sub engineers 15th Oct2011

Project Guided

Sr. No.	Year	Project Title
1	2025-26	Electric Foldable bike
2	2025-26	Design & Development of Ele. Lifting Mechanism
3	2024-25	E-vehicle trainer kit (E-bike)
4	2023-24	Four quadrant operation of DC motor
5	2023-24	Heat Control Panel
6	2022-23	Switch Gear Testing Kit
7	2021-22	Go Green Go India - an electric car the future of earth
8	2020-21	Solar broadcast system with flood monitoring
9	2020-21	Power generation using roof top ventilator
10	2019-20	Operate DOL starter using GSM
11	2019-20	Integral Cycle control ac power without generating harmonics
12	2018-19	IOT Based smart waste management system
13	2017-18	Zero voltage switching by micro controller
14	2017-18	Multiple sources in electrical power generation
15	2016-17	Solar car
16	2016-17	GSM based automatic paralleling of transformer
17	2015-16	Automatic power factor correction
18	2015-16	Green house automation
19	2015-16	GSM based energy meter billing system
20	2014-15	Current injection kit for relay and ct testing
21	2013-14	Industrial load management from remote places
22	2013-14	Transformer and detection
23	2013-14	Under voltage and single phasing protection of motor
24	2013-14	Automatic control panel fault located at debugger
25	2012-13	Horizontal axis wind turbine
26	2012-13	Automatic phase sequence corrector

Other Information

- One year experience in Electrical department at Municipal corporation Ichalkaranji after HSC MCVC.
- Second prize of final year project in 'PROFEST2011'

Personal Details

Name : Dr. Rawal Chetan Shrikant

Date of Birth :22nd Apr 1986

Phone No. : 9021652242

E-mail : rchetan1441@gmail.com

Gender : Male.

Marital Status : Married.

Nationality : Indian.

Languages Known :English, Hindi, Marathi

Strengths:

- Ability to grasp the new things.
- Good communication skill (English, Hindi, Marathi).
- Ability to work in a team and good leadership qualities
- Committed Person

DECLARATION:

I hereby declare that all the information documented above is correct.

Date: 09/06/2026

Place: Ichalkaranji Dr. Rawal Chetan Shrikant.