

Curriculum Vitae



1. **Name** Dr. Suryakant Hindurao Pawar
2. **Date Of Birth** 01/06/1963
3. **Mailing Address** Sneh Park, Yashwant Colony, Vidyanagar
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4. Educational Qualification

Sr. No.	Degree	Year	Class	Inst/University	Area
1	B. E. (Electrical)	1986	First	GCoE, Karad Shivaji University	Electrical Engineering
2	M. E. (Electrical)	2001	First with Dist.	GCoE, Karad Shivaji University	Power Systems
3	Ph. D. (Electrical)	2018	--	Sant Gadge Baba Amravati University	Sliding Mode Control

5. Details of Employment

At present, working as Associate Professor in Electrical Engineering at Govt. College of Engineering, Karad, Maharashtra, 415124.

Sr. No	Duration	Designation	Institute
1	23/09/ 1986 to 4/01/1990	Lecturer	Amrutvahini College of Engineering, Sangamner
2	11/01/1990 to 24/01/1996	Lecturer	Tatyasaheb Kore Institute of Engineering and Technology, Warananagar
3	25/01/1996 to 26/10/1998	Lecturer	Government Polytechnic Kolhapur
4	27/10/1998 till date	Associate Professor (From 1/07/2006)	Government College of Engineering, Karad

Total teaching experience: 34 years

6. Administrative responsibilities held

- Working as Department coordinator for UG NBA
- Working as Member Secretary, Academic Council, GCoE, Karad
- Working as Faculty editor for annual college magazine 'Tantrasangam'

- Working as BoS member GCoE, Karad (Autonomous Institute)
- Working as DBoS member GCoE, Karad (Autonomous Institute)
- Working as BoS member, WCE, Sangli (Autonomous Institute)
- Worked as Department coordinator for Pre-Qualifier NBA SAR submission of UG and PG
- Worked as Head of Electrical Engineering Department
- Worked as Head of Electronics and Telecommunications Department
- Worked as BoS Chairman (Electrical Engg), Shivaji University
- Worked as Electrical maintenance in-charge of the institute

7. Publications

➤ International Conferences

1. "Capitalizing High Gain Converter employing Voltage Control," 2020 International Conference on Smart Electronics and Communication (ICOSEC) Pages 1306-1310
ISBN:978-1-7281-5462-6
DOI:10.1109/ICOSEC49089.2020.9215237

Available at: <https://ieeexplore.ieee.org/abstract/document/9215237>
2. "Pulse Current Charging Station for Electric Vehicle Charging", 2020 International Conference on Emerging Trends in Information Technology and Engineering (ic-ETITE) Pages 1-4
DOI: 10.1109/ic-ETITE47903.2020.358
Electronic ISBN:978-1-7281-4142-8
USB ISBN:978-1-7281-4141-1 Print on Demand(PoD) ISBN:978-1-7281-4143-5
Available at: <https://ieeexplore.ieee.org/abstract/document/9077676>
3. "The application of DC borewell with High Step-Up DC-DC Converter By Using Photovoltaic System," 3rd International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2019, pp. 1008-1011.

DOI: 10.1109/ICCMC.2019.8819773

Available at:
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8819773&isnumber=8819605>
4. "Hardware Implementation of a High Step up DC-DC Converter Using Photovoltaic System" 3rd International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2019, pp. 1004-1007.

Available at:
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8819863&isnumber=8819605>
5. "Comparison between Conventional Fly-back and Interleaved Fly-back Converter for Standalone PV Application", International Conference on Current Trends towards Converging Technologies (ICCTCT), Coimbatore, 2018, pp. 1-5.

doi: 10.1109/ICCTCT.2018.8550869

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8550869&isnumber=8550825>

6. "Dynamic Voltage Restorer Based on H Bridge Inverter with Non-Linear load," 2018 3rd International Conference for Convergence in Technology (I2CT), Pune, 2018, pp. 1-6.

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8529709&isnumber=8529154>

7. "Power management of DC micro-grid and AC grid", International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Coimbatore, 2017, pp. 1-5. doi: 10.1109/ICIIECS.2017.8275837

Available at :

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8275837&isnumber=8275826>

8. "Modeling of wind energy system with MPPT control for DC micro-grid", Second International Conference on Electrical, Computer and Communication Technologies (ICECCT), Coimbatore, 2017, pp. 1-6. doi: 10.1109/ICECCT.2017.8118026.

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8118026&isnumber=8117807>

9. "Integrated interleaved fly-back converter for standalone PV application", International Conference on Intelligent Sustainable Systems (ICISS), Palladam, 2017, pp. 751-755

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8389275&isnumber=8389225>

10. "A comprehensive study of variable power to fixed power conversion of SEIG using power converter", International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Coimbatore, 2017, pp. 1-4. doi: 10.1109/ICIIECS.2017.8276050

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8276050&isnumber=8275826>

➤ **National Conference**

1. "Neutral Voltage Balancing Of Three Level Neutral-Clamped Inverter", Innovations in Power and Advanced Computing Technologies (i-PACT), Vellore, India, 2019, pp. 1-5. doi: 10.1109/i-PACT44901.2019.8960100

Available at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8960100&isnumber=8959515>

8. Area of Specialization

- Power Systems
- Switchgear and Protection
- Electrical Circuit Analysis

9. Teaching Experience

Following subjects were taught during total service of 34 years

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|--------------------------------|--------------------------------------|
| • Basic Electrical Engineering | • HVDC Transmission |
| • Network Analysis | • EHVAC Transmission |
| • Control Systems | • Electrical Machines |
| • Power Systems | • Power System stability and Control |
| • Electromagnetic Engineering | • Power System Deregulation |
| • Switchgear and Protection | |

10. Membership of Professional Bodies

- Life Member of “The Indian Society of Technical Education” (No. LM 11569)

11. PG projects Supervision

Recognized PG teacher for:

- ME Electrical Power Systems
- Total of 35 Master degree projects supervised

12. Continuing Education Programs

- Organized “National Conference on Recent Trends in Electrical Engineering” during February 16-17, 2017 at GCoE, Karad
- Worked as resource person
 - Delivered Expert lecture on “Electrical Panels: Selection, operation and Maintenance” at Regional Training Centre, Water Resource Dept, Govt of Maharashtra , Feb 2021.

13. Short-Term Courses Attended Recently

1. Attended webinar on “How to Maintain Emotional Resilience & Balance during Stressful Times” on 19th May 2020 organised by EBSCO.
2. Participated in webinar on “How to publish a high quality technical journal paper” on 20th April 2020 organised by IEEE.
3. Participated in Technical webinar on “Robotics using Simscape” on 9th April 2020 organised by Atharv College of Engg, Mumbai.
4. Participated in 2 days webinar on “Industry -Academic Convergence Bridging the Gap” on 25-26 April 2020 under TEQUIP – III organized by Rajkiya Engg College, Azamgarh, UP and GCoE, Karad

5. Participated in 1 week FDP on “ Synergy: An Innovative Model for Knowledge Creation” during 2nd – 6th December, 2019 organised by GCoE, Karad and Rajkiya Engg College, Azamgarh, UP
6. TEQUIP online 2 week “Digital Transformation in Teaching Learning Process” during 14 Feb to 6 March 2020 organized by IDP-ET, IIT Bombay
7. Participated in online FDP on “Accreditation to Engineering & Professional Ethics” during 8 – 12 July 2020 organized by Govt College of Engg, Nagpur.
8. Participated in “Professional Development Training Program for Faculty & Administrators of Project Institutions” (under NPIU & MHRD, GoI) during 15-19 July 2019 organised by IIM Visakhapatnam
9. Participated in 1 week STTP on “ Enhancing Teaching Learning Process and Research Skills” conducted during 29th Oct – 2nd Nov 2018 organised by GCoE, Karad and Rajkiya Engg College, Azamgarh, UP

14. Academic Activities

- Worked as Lab in-charge for Computer Lab, Switchgear and Protection Lab, Electrical circuit Lab
- Worked as Head of Department for Electrical, Electronics and Telecommunication Engineering
- Completed MODROB project of Rs, 8 Lakhs for ‘Switchgear and Protection Lab’
- Worked on various DTE, University and AICTE inspection committees
- Worked as jury, examiner for various technical events/competitions at GCEK and other institutions
- Worked as faculty advisor for various Gymkhana activities
- Worked as convener for ‘ELECTRICA’ a national level electrical students meet
- Working as Chairmen BOS Electrical Engineering for Shivaji University
- Working as BOS member at WCE Sangli(Autonomous Institute)

15. Interaction with Society

- Worked as Presiding Officer, Zonal Officer, Counting Officer in Parliament, Legislative assembly, Zilla Parishad, Panchayat Samiti, Grampanchayat, Suagar factory Elections
- During MSEB strike periods helped the local administration by providing support

Date 1.03.2021