

RESUME

Name : Mrs. Shrunkhala Gangadhar Khadilkar

Position: Assistant Professor ,Department of Electrical Engineering ,G.E.S.R.H.Sapat.COEMS&R,Nashik

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Educational Qualification

Sr. No.	Course	Institute	Specialization	Class / Division
1	PHD(Appear)	Medi-Caps University, Indore	Power system	
2	M.E.	Walchand College of Engineering Sangali	Electrical Power System	First Class
3	B.E.	K.K.Wagh C.O.E. Nasik	Electrical Engg.	First Class

Teaching Experience:16 Years

Sr. No.	Industry/Institution/ Research	Designation	Work Period	
			From	To
1	K.K.Wagh C.O.E. Nashik	Lecturer	2004	2006
2	N.D.N.V.P. C.O.E. Nashik	Lecturer	2007	2008
3	M.E.T. I.O.E. B.K.C. Nashik	Lecturer	2008	2010
4	GES.R.H.Sapat COEMS&R,Nashik	Assistant Professor	2010	Till date

Subjects Teaching at Under Graduate Level: Basic Electrical Engineering, Power system-I, Power system-II, Power system operation & control, computer programming, Electrical measurement & Instrumentation.

Subjects Teaching at Post Graduate Level: High Voltage DC transmission, Power electronics application, Research Methodology

Special achievements: Class topper (Gold) in Power system analysis and Elite in Electrical distribution system analysis NPTEL-AICTE Faculty development programme.

Strengths: Hardworking, Obedient, Punctual

Hobbies/interests: Playing Badminton, Table tennis, Listening Music, Making Delicious food.

Languages known: Marathi,Hindi, English

Other Activities and Achievements:

- Subject Chairman of the Second year electrical Power system-I(2019 course) from Savitribai Phule Pune University
- The resource person for conducting a session in the course "Power system-I" in the Faculty orientation program for S.E. Electrical(2019 course)
- Member Secretary of Internal Committee: 'Sexual Harassment at Workplace Act,2013'
- PG Teacher Recognition by Savitribai Phule Pune University, Pune.
- Cracked the Ph. D entrance of SPPU Pune and Shivaji University.
- External Subject Expert of University Staff Selection Committee at K.K.W.I.E.E&R, Nashik.

Topics of papers published in National / International Conferences :

1. " Metaphor-less RAO-1 optimization based algorithm to determine shunt capacitor capacity in distribution system ", IEEE 11 the International Conference on Communication Systems and Network Technologies (CSNT),23-24 April 2022.
2. " Performance analysis of Hybrid DCCBs with and without coordination of MMCs", International Conference on Recent Trends in Electrical and Electronics Engineering 2021(ICRTEEE2021), 23-24 Dec 2021.
3. "Design of UPQC integrated with Renewable Energy sources for Enhancement of Transmission system performance": 1st International Conference on Recent Advancement in Technological Evolution On 19-20 March 2020
4. "Statistical Analysis for Active Power Loss Incorporating Distributed Generation in Distribution System ":3rd International Conference on Electronics, Communication and Aerospace Technology (ICECA), pp. 1185-1189,2019, During 12-14 June 2019.
5. "An improved IUPAC controller to improve grid voltage regulation" International journal of engineering education &Technology, April 2017.
6. "Reduction of selective harmonics in PWM AC chopper using Teaching-Learning based optimization": Advances in Power and Control Engineering, Springer, pp. 229-237.
7. "Simulation of real and reactive power flow assessment with FACTS connected to single transmission line" IJERT, 2015-16
8. "Simulation of real and reactive power flow assessment with FACTS connected to single transmission line " ICCCES-2016 on 29 and 30 Jan 2016.
9. "Modeling, simulation and performance of SVC and STATCOM controller for enhancement of power system stability" in ICETST-2014 during Aug 22-23,2014.

Topics of papers published in National / International Journal :

1. "Metaphor-less RAO-3 and Sine Cosine Algorithm for optimal sizing of DG's of multiple types in Radial Distribution System", Electrica Journal, Accepted 21 June 2022.

List of STTP / Workshops /Conferences/FDP attended :

1. AICTE-ISTE Sponsored a one-week Induction/Refresher Programme on the "Role of ICT in the Teaching-Learningprocess" from 5/5/2021-11/5/2021
2. Online national level short-term training program (STTP) on " Outcomes-based teaching, assessments and evaluation" organized by NBN Sinhgad School of Engineering, Pune, August 2-4, 2021.
3. Faculty development program on "Artificial Intelligence(AI) and Machine learning(ML) applications in Power systems organized by department of electrical engineering, June 1-3,2020.
4. Short-term training program through ICT Mode on " Renewable Energy Sources and Emerging Technologies"organized by NITTT&R, Kolkata from 26/5/2020-30/5/2020.

5. Short-term training program through ICT Mode on " Skill Assessment in Laboratory and Workshop" organized by NITTT&R, Kolkata from 18/5/2020-22/5/2020.
6. Short-term training program through ICT Mode on " Concept Mapping in Teaching Learning " organized by NITTT&R, Kolkata from 27/4/2020-1/5/2020.
7. Online Faculty Development Program on“ Awareness of E-Content Development” organized by Gokhale Education Society’s Digicon Committee conducted between 25/06/2020 to 27/06/2020.
8. Eight-week NPTEL-AICTE Faculty development program on "Electrical Distribution Analysis" 2020.
9. Twelve-week NPTEL-AICTE Faculty development program on "Power System Analysis" 2019.
10. Week short-term training program on "Simulation and modeling in power system engineering" at SVNIT Surat, Dec 28,2015-Jan 1,2016.
11. A two-day workshop on "Energy audit: scope and opportunities" at SIEM, Nashik from 24/2/2012 to 25/2/2012.
12. Faculty development program on "Energy and power quality Management and high voltage engineering "on 22-24 Aug 2015.
13. Two-week ISTE STTP on "Electrical power system", from 12/6/2017 to 15/7/2017 at K.K.W.I.E.E.&R, Nashik
14. Faculty development program on "Hands-on training of project-based learning" on 29-30 june2018atK.K.W.I.E.E.&R, Nashik
15. Three days workshops on "Basics of Industrial Automation using PLC and SCADA" during 23-25, Sep 2016.
16. Two days National Seminar on "Emerging new dimensions of higher education in India" during 20-21 Feb 2015.

List of Elearning Program / Webinar attended :

1. Awareness program on "Cancer Prevention &Healthy Lifestyle "held on 30/10/2020.
2. Webinar on "Effective ways of writing research article"organized by GCOERC, Nashik held on 24/7/2020
3. Webinar on "COVID-19: Financial Impact and Planning for Middle-Class Families” held on 28/5/2020 organized by Medi-caps University, Indore.
4. Elearning program on " Machine Learning" held on 19/5/2020 by TATA STEEL
5. Elearning program on " Power system Generation" held on 11/5/2020 by TATA STEEL
6. Elearning program on " Advanced Microsoft Excel " held on 6/5/2020 by TATA STEEL
7. .Elearning program on " Power System Earthing " held on 5/5/2020 by TATA STEEL
8. Elearning program on " Power System Transmission and Distribution " held on 4/5/2020 by TATA STEEL