

Faculty CV



1. Name of Faculty: Dr. SANTOSH BHALCHANDRA KULKARNI
2. Present Position : Head of Electrical Engineering department
3. Address : P.L. Government Polytechnic, Latur,
AusaRoad, Latur (M.S.), Pincode: 413512
4. Mobile No.: 9764223366
5. E-Mail Id: sbkulkarni@hotmail.com
6. DateofBirth: 01st October 1972

QUALIFICATION:

EXAMINATION	MONTH & YEAR OF PASSING	Board/ University	% OF MARKS	CLASS
Diploma in Electrical	M/J-1991	Maharashtra State Board of Technical Education, Mumbai	67.54	First Class
B.E. (Electrical)	M/J-1994	Dr. B. A. Marathwada University, Aurangabad	68.73	Distinction
M.E. (Electrical Power System)	N/D-1998	Dr. B. A. Marathwada University, Aurangabad	64.31	First Class
Ph.D. (Electrical)	25 AUGUST, 2012	Shree Ramanand Teerth Marathwada University, nanded	Thesis Title: “An Adaptive Approach in Digital Distance Protection”, at S.R.T.M.U., Nanded, (SGGS Institute of Engg. & Tech.) under the guidance of Dr. R.H. Chile	

Professional Member:

- Life member of Indian Society for Technical Education (LMISTE)

EXPERIENCE:

I. INDUSTRY EXPERIENCE

SR. NO.	NAME OF INDUSTRY	POST HELD	PERIOD		EXPERIENCE		
			FROM	TO	YEAR	MONTH	DAYS
01.	Madhura Agencies, “Swanand Grihkul” Nageshwarwadi, Aurangabad – 431001.	Service engineer	01/09/94	10/04/96	01	07	09
02.	Garware Polyester Ltd., Film Plant, Waluj, Aurangabad – 431133.	Electrical Engineer	12/04/96	01/09/98	02	04	22
INDUSTRIAL EXPERIENCE: 04 Years							

Nature & Responsibilities of Industrial Experience:

Installation, Commissioning, Preventive and Breakdown maintenance of A.C., D.C. motors, L.T. and H.T. switchgears and MCC panels at Garware Polyester Ltd., Film Plant, Waluj, Aurangabad.

II. TEACHING EXPERIENCE

Sr. No.	NAME OF INSTITUTE	Post Held	Period		Number of years
			FROM	TO	
01	M.S.Bidve Engg. College, P.O.Box No.-112, Barshi Road, Latur – 413 512	HOD, Asst. Prof, & Lecturer in Electrical Dept.	02/09/98	26/12/12	14 Years, 01 Month & 18 days

Responsibilities of university (S.R.T.M.U.) handled:

- *Affiliation committee member* of S.R.T.M. University, Nanded for grating new engineering college at Hatta (Parbhani)
- Research Recognition Committee (R.R.C.) and Board of *University Teaching and Research (B.U.T.R.)* Member.
- Worked as *B.O.S. Chairman* at S.R.T.Mathwada University, Nanded to the Ad-hoc Board of studies in “**Electrical & Instrumentation Engg.**” under the faculty of engineering (02 tenures)
- *Selection committee member (UGC)* for interview at various colleges under S.R.T.M. University, Nanded
- Works related with university exams:
 - Exam Chief Superintendent
 - Paper setting/assessment
 - Flying squad
 - 32/5 member

Sr. No.	NAME OF INSTITUTE	Post Held	Period		Number of years
			FROM	TO	
02	N.B. Navale Sinhgad College of Engineering, Gat No. 38/1/B, Opp. Solapur University, Solapur-Pune Road, Kegaon, Solapur-413 255	Principal, Vice-Principal, Professor & Head, Electrical Engineering Department	27/12/12	12/02/15	02 Years, 01 Month & 23 days
EXPERIENCE AT NBNSCOE, Solapur: 02 Years, 01 Month & 23days					

Sr. No.	NAME OF INSTITUTE	Post Held	Period		Number of years
			FROM	TO	
03	VILASRAO DESHMUKH FOUNDATION, Group of Institutions, VDF School of Engineering & Technology, Latur New MIDC, Airport Road, Latur-413 531.	Principal	13/02/15	20/08/16	01 Year, 06 Months & 07 days
EXPERIENCE AT VDF SOE&T, Latur: 01 Year & 06 Months & 07 days					

Responsibilities:

As a Principal/Vice-principal of college I took all the responsibility of managing the students, staffs and all the activities related to college. I took up the task of teacher's recruitment whenever needed, maintaining discipline and decorum in college campus, getting feedback from students, teachers and parents and taking appropriate actions on it at appropriate time. I am in charge of monitoring and maintaining safe, healthy, peaceful environment in college. I also monitor the attendance of students and teachers. In this area I introduced the concept of awarding students for students maintaining punctuality which encouraged the students to come on time to college. I also reviewed the text books and notes followed by students and give my feedback to teachers for improvement. I also introduced extra classes for academically weak students in college.

Sr. No.	NAME OF INSTITUTE	Post Held	Period		Number of years
			FROM	TO	
04.	Government Polytechnic, Washim – 444 505	Head of Electrical engineering department	31/12/16	20/11/18	01 Year, 10 Months & 21 days
05.	P. L. Government Polytechnic, Latur – 413 512	Head of Electrical engineering department	21/11/18	Till date	02 Years & 07 Months
EXPERIENCE AT Government Polytechnic : Approx. 4 and half year					

TOTAL EXPERIENCE \cong 27 Years

- i. Industry = 04 Years
- ii. Academic + Administrative = 22 Years 06 Months

SPECIALIZED TRAINING COURSES ATTENDED

Sr. No.	COURSE/TRAINING TITLE	TRAINING PERIOD	TRAINING PLACE	TRAINING SPONSORED AGENCY
01	R & D in Solar and Wind Energy Systems	08.01.2017 to 13.01.2017 (01 Week)	SGGSIE&T, Nanded	TEQIP(II)
02	MATLAB and SIMULINK	22.05.2017 to 02.06.2017 (02 Weeks)	Government Polytechnic, Washim	AICTE-ISTE
03	Solar Energy Harvesting	27.03.2018 to 31.03.2018 (01 Week)	SGGSIE&T, Nanded	AICTE
04	Tools for Scientific Research in Engineering & Science through ICT	12.11.2018 to 16.11.2018 (01 Week)	PLGP, Latur	NITTTR, Chandigarh
05	Next Generation Wireless Technologies through ICT	26.11.2018 to 30.11.2018 (01 Week)	PLGP, Latur	NITTTR, Chandigarh
06	NBA Accreditation	19.08.2019 to 23.08.2019 (01 Week)	PLGP, Latur	NITTTR, Bhopal
07	NBA Accreditation of Diploma Engineering Programs	01.06.2020 to 05.06.2020 (01 Week)	PLGP, Latur	NITTTR, Chandigarh

LIST OF PUBLICATIONS

I. Publications in Books/International Journals

1. Santosh B. Kulkarni and Rajan H. Chile, “*Adaptive Distance Protection Algorithm for Series Compensated Transmission Line Using One End Fault Location Measurement,*” for publication as a chapter in the forth coming edited volume entitled “*MATLAB Application in Energy and Power Engineering*” in the book series on *MATLAB APPLICATIONS IN ENGINEERING AND TECHNOLOGY* published from Springer, Germany, (Accepted).
2. Santosh B. Kulkarni and Rajan H. Chile, “*Performance Evaluation of Fault Location Algorithm for Protection of Series Compensated Transmission Line,*” *International Journal of Electrical Engineering and Technology*, Vol. 2, No. 2, July 2011, pp. 32-41.

3. Santosh B. Kulkarni and Rajan H. Chile, "MATLAB/SIMULINK Simulation Tool for Power Systems," International Journal of Power System Operation and Energy Management, Vol. 1, Issue-2, 2011, pp. 33-38.
4. Santosh B. Kulkarni, Rajan H. Chile and Arvind R. Singh, "A Novel Fast Adaptive Digital Distance Protection of Transmission Line in Presence of SVC," ELEKTRIKA, Journal of Electrical Engg., 2012, Vol. 14, No. 1, pp. 14-20.
5. Gaikwad, A.A. and Kulkarni, S.B., "Energy Harvesting Based on Magnetic Induction" In book-Information and Communication Technology for Intelligent Systems Springer, Singapore. (ISBN: 978-981-13-1742-2),2019 ,pp. 363-370.
6. Gaikwad, A.A. and Kulkarni, S.B., "Evaluation of dimensional effect on electromagnetic energy harvesting". Procedia computer science, 2018, 143, pp.58-65.
7. Gaikwad A. A. & Kulkarni S.B., "Constant Voltage Output Energy Harvesting system", International Journal for Research in Engineering Application & Management (IJREAM). ISSN-2454-9150-UGC approved journal, 2018, Issue No.7.vol.4, pp- 580-583.
8. Gaikwad A. A. & Kulkarni S.B., "A survey on Energy Harvesting Methods". Published paper, International Journal for Research (IJR), ISSN-2236-6124. UGC approved ,2018, November Issue No.11.vol.7, pp- 416-424.
9. A.A. Gaikwad and Kulkarni S.B, "Enhanced magnetic and permeability properties of Mn substituted NiCuZn nanoparticles for ferrite core application" Accepted for publication in Springer Nature, Journal of Superconductivity and Novel Magnetism. 12, Jun 2021. (Accepted for publication)

II. Conference Papers Published

1. Santosh B. Kulkarni and Rajan H. Chile, "MATLAB/SIMULINK Simulation Tool for Power Systems," proceedings of the International Conference on Control, Communication and Computer Technology (CCCT 2011), New Delhi, 6 - 7th August, 2011, pp. 265-268.
2. Santosh B. Kulkarni and Rajan H. Chile, "Modelling of Lossless Transmission line," National Conference on Electrical Engineering Developments (NCEED) at College of Engineering, GITAM, Visakhapatnam (A.P.) during 17-18 June, 2005.
3. Santosh B. Kulkarni and Rajan H. Chile, "New Trends in Power System Protection and Control," National Conference on Electrical Engineering Developments (NCEED) at College of Engineering, GITAM, Visakhapatnam (A.P.) during 17-18 June, 2005.
4. One paper is published online on www.ee-pub.com titled as "An Adaptive Approach in Distance Protection – A Survey". Date of Publication May 25, 2006.

5. Gaikwad, A.A. and Kulkarni, S.B., “*Electromagnetic Energy Harvesting to Power the Micro-power Temperature Sensor*”. In 2019 9th International Conference on Advances in Computing and Communication (ICACC) ,2019, November ,pp. 188-192. IEEE.
6. Gaikwad A. A. & Kulkarni S.B.,“*Overview on Electromagnetic Energy Harvesting based on Stray Magnetic Field*” IEEE International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC),2018,18 Jan ,(ISBN-978-1-5386-4303-7).

Signature

(Dr. Santosh Bhalchandra Kulkarni)