

# RESUME



## 1. Personal Information:

**Full Name** – DR. SACHIN SURESH NERKAR

**Date of Birth** – 24<sup>th</sup> FEB 1978

**Designation** – Associate Professor, Instrumentation (CAS)

**Email Address** – sachinnerkar@rediffmail.com  
sachin.nerkar@gcoej.ac.in

## 2. Academic Profile:

Sr. No.	Education	University	Percentage	Passing Year	Specialization	Special Honour
1	B. E.	North Maharashtra University, Jalgaon	69.33	1999	Instrumentation	Dist.
2	M.E.	SGBA University, Amaravati	61.00	2007	Digital Electronics	First Class
3	P.h.D.	SRTM University, Nanded	---	2023	Instrumentation	---

## 3. Experience Details: 24 Years.

Sr. No.	Organization / Institute	Designation	Working Period	Discipline
1	Government College of Engineering, Jalgaon	Associate Professor (CAS)	13/06/2007 to till date	Instrumentation
2	Government College of Engineering, Chandrapur	Assistant Professor	13/04/2000 to 12/06/2007	Instrumentation

#### 4. Publications:

##### a. Journal:

##### b.

Sr. No.	Title
1	Design of super twisting disturbance observer based control for autonomous underwater vehicle SS Nerkar, PS Londhe, BM Patre International Journal of Dynamics and Control 10 (1), 306-322
2	Uncertainty and disturbance estimator based spatial power control of advanced heavy water reactor SS Nerkar, BM Patre, R Desai, PS Londhe Nuclear Engineering and Design 406, 112240
3	Design of Disturbance Observer-Based Dynamic Sliding Mode Control SS Nerkar, BM Patre Soft Computing: Theories and Applications: Proceedings of SoCTA 2022, 623-635
4	Design of inertial delay observer based model following dynamic sliding mode control SS Nerkar, BM Patre Reliability: Theory & Applications 18 (1 (72)), 65-77
5	Temperature Control using PLC and LabVIEW Integration SS Nerkar Int. J. Futur. Revolut. Comput. Sci. Commun. Eng 4 (4), 325-330

##### c. National Conference:

Sr. No.	Name of Author	Title	Details of National Conference
1	S S Nerkar	Software Radio Technology & Applications	National conference at Kadi, gujrat
2	S S Nerkar	A System for Integrating DG'S into Power Grid for improving Urban electricity Infrastructure.'	COGEN-08 at IEI , Nagpur
3	S S Nerkar	Distributed Generators and its role in Power Grid	NRMSD at NMU, Jalgaon

##### d. International Conference:

Sr. No.	Name of author	Title	Details of International Conference
1	S S Nerkar	A System for Automatic switching of DG' S using PLC'	RACE International Conference at COE, Bikaner

#### 5. Details of Technical Activity:

a. STTP

Sr. no.	Title	Details of organizing body	Venue	Duration
1	Virtual Instrumentation & PC based Measurement	IIT, Guwahati	IIT, Guwahati	01/11/2004 to 06/11/2004
2	Induction Training program	NITTTR, Bhopal	GCOE, Jalgaon	07/04/2008 to 19/04/2008
3	Research Methodology Report writing, patenting and Industry Institute interaction	NITTTR, Chandigarh	NITTTR, Chandigarh	19/01/2009 to 23/01/2009
4	E- content Development and Delivery	NITTTR, Bhopal	NITTTR, Bhopal	04/01/2010 to 08/01/2010
5	Mission 10X Workshop	ISTE and Wipro	SSBT, Bambhori	29/03/2010 to 02/04/2010
6	Recent advances in signal, Image and Video Processing	AICTE	SGGS, Nanded	Two Weeks
7	A Graphical Programming Language Labview and its Industrial Application	AICTE	COE, Pune	14/05/2012 to 25/05/2012
8	Advances in signal and Image processing	TEQIP	Govt. College of Engg, Jalgaon	One Week
9	Recent trends in computer networking	TEQIP	Govt. College of Engg, Jalgaon	One Week
10	Research Methodology	TEQIP	Govt. College of Engg, Jalgaon	One Week
11	Leveraging expertise of technical teachers	TEQIP	Govt. College of Engg, Jalgaon	One Week
12	Mathematical and statistical approaches in engineering applications	TEQIP	Govt. College of Engg, Jalgaon	One Week
13	Embedded and Reconfigurable computing for control and signal processing	QIP	IIT, Kharagpur	6/01/2014 to 10/01/2014
14	Management Capacity Enhancement Programme	MHRD	IIM, Indore	08/06/2015 to 14/06/2015
15	LaTeX- A hands on skill development workshop	TEQIP	Govt. College of Engg, Jalgaon	20/11/2015 to 24/11/2015
16	Management Capacity Enhancement Programme	TEQIP	SkillCert Consultancy at Ooty(TN)	13/06/2016 to 17/06/2016
17	TQM and Six Sigma	TEQIP	Govt. College of Engg, Jalgaon	6/10/2016 to 10/10/2016

18	Advanced Linear Continuous Control System	NPTEL	IIT, Roorkee	Aug- Oct 2018 8 weeks
19	Introduction to Research	NPTEL	IIT, Madras	Aug- Oct 2019 8 weeks
21	Academic Literacy	Coursera	Moscow Institute of Physics and Technology	4 weeks
22	Control of Mobile Robots	Coursera	Georgia Institute of Technology	7 weeks

**b. Conference/Seminars/Workshop/STTP/CEP Organized:**

Sr. No.	Title	Details of organizing body	Venue	Duration	Job Responsibility
1	One day seminar on Introduction to Virtual Instruments LABVIEW	Trident Tech Lab Pune	G.C.O.E. Jalgaon	One day	Co-ordinator
2	TEQIP STTP on “Advances in signal and Image processing”	TEQIP Sponsered	G.C.O.E. Jalgaon	One Week	Co-coordinator
3	PLC, SCADA, Hydraulics and Pneumatics	TAACT and Krish Automation	G.C.O.E. Jalgaon	One Week	Coordinator
4	Virtual Instrumentation and LabVIEW	VI Automation	G.C.O.E. Jalgaon	01 to 05 Oct 2014	Coordinator
5	Virtual Instrumentation using LabVIEW	VI Automation	G.C.O.E. Jalgaon	24-28 Sept 2015	Coordinator
6	Virtual Instrumentation using LabVIEW	VI Automation	G.C.O.E. Jalgaon	27-31Aug 2016	Coordinator

This is to certify that the above information furnished by me is true to the best of my knowledge

**Sachin S Nerkar.**