

## **CURRICULUM VITAE**

**Name** : **Dr. Rajesh Shankarrao Surjuse**  
**Date of Birth, Age** : 30<sup>th</sup> August 1971  
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**Qualifications:**

B.E.	Nagpur University, V.R.C.E. Nagpur	1994
M.Tech	V.N.I.T. Nagpur	2003
Ph.D.	M.N.I.T. Jaipur	2011

**Teaching Experience:**

Associate Professor, Department of Electrical Engineering, Govt. College of Engg. Nagpur	Since 12 <sup>th</sup> Aug. 2021
Associate Professor & HoD, Department of Electrical Engineering, Govt. College of Engg. Chandrapur	16/02/2017 -11/08/2021
Associate Professor & HoD, Department of Electrical Engineering, Govt. College of Engineering, Jalgaon	01/10/16- 15/02/17
Lecturer (Selection Grade), Dept. of Elect. Engg., Govt. Polytechnic Nagpur	2014-2016
Lecturer (Selection Grade), Dept. of Elect. Engg., Govt. Polytechnic Bramhapuri	2010-2014
Lecturer (Senior Scale), Dept. of Elect. Engg., Govt. Polytechnic Nagpur	2000-2010
Lecturer, Dept. of Elect. Engg., Govt. Polytechnic Yavatmal	1995-2000

**Teaching, Research & Development** : 27 years

**Present Status** : Dean (III & Placement) and Associate Professor,  
Department of Electrical Engineering,  
Govt. College of Engineering, Nagpur.

### **Research Paper Publications :**

Publications	International Journal	National Journal	International Conference	National Conf./Seminar	Total
No. of Papers	06	-	08	04	18

### • **Main Area of Research**

Did Ph.D. from M.N.I.T. Jaipur (Formerly M.R.E.C. Jaipur).

The main area of research is Power Electronics, Drives and Control, Power

Quality, dSpace hardware & software technique, Power System Stability and Control using static VAR Controller, PWM Inverter and other Converters, Steady-State, Transient, Stability and Harmonics analysis of the Drives using Conventional Control, Direct Torque Control, Vector Control, Sensor less and other control scheme, Artificial Intelligence based estimators and observers, Application of soft computational methods to power system, Solar PV Systems Grid connected / Standalone, Electric Vehicles, smart grid.

• **Ph.D. Candidates Registered Under Supervision**

S.No.	Name	Registration No.	Date of Registration	Research Title
1.	Manoj B. Deokate	No.GU/Exam/ Ph.D. Cell/ RRC/ Ph.D./ 382	03/03/2020	Distributed Optimal Power Flow Control in Hybrid System
2.	Maharudra S. Shinde	No.GU/Exam/ Ph.D. Cell/ RRC/ Ph.D./381	03/03/2020	High Reliable Electrical Vehicle Drive With Fast Charging System
3.	Shrikrushna R. Thute	PRN-1920821EEPAD1001	23/08/2019	A Study of High Performance DC-DC Converter For Stand Alone PV System
4.	Manohar Kalgunde	No.GU/Exam/ Ph.D. Cell/ RRC/ Ph.D./ 998	14/01/2021	Optimum Co-ordination of Renewable Energy Sources and Electric Vehicles for Economic Operation

**Any Other Information:**

**1. Additional Qualification**

1. Master of Industrial Relation and Personnel Management (M.I.R.P.M.) from Nagpur University (1996).
2. Energy Auditor Certificate Examination by B.E.E. Channai.

**2. No. of Awards/Certificates Received**

1. Best paper award to the paper titled "ANFIS Based Intelligent Control of Vector Controlled Induction Motor Drive" in 2nd International Conference on Emerging Trends in Engineering and Technology (ICETET-09), Nagpur, India, 16-18 December, 2009.

**3. Project completed**

1. Completed project titled "Modernization of Electrical Machine and Instrumentation Laboratory" under MODROB, AICTE scheme in 2003-2004 at Electrical Engineering Department, Govt. Polytechnic Nagpur (amount sanctioned Rs. 4 lacs).

**4. Membership of Professional body/Society**

S.No.	Name of Profession body/society	Type of Membership	Membership No.
1.	I.S.T.E.	Life Member	LM22278
2.	I.E.E.E.	Student	90567059

		Member	
3.	International Journal of Engineering Research and Industrial Applications (IJERIA)	Life Member	LM:2098
4.	International Association of Engineers (IAENG)	Member	100040
5.	International Association of Computer Science and Information Technology (IACSIT)	Member	80332545

## 5. Academic / Administrative Experience

Worked as:

1. Rector/ Asstt. Rector Boy's hostel.
2. Controller of Examination MSBTE Examination.
3. Officer In-charge MSBTE Examination.
4. Officer In-charge Regional Assessing Center (RAC) MSBTE.
5. Co-ordinator Application Receipt Center (ARC) for first year admission to Diploma, B.E., MBA, B.Form, MCA.
6. Sports In-charge IEDSSA.
7. Officer In-charge Examination (Confidential) in Autonomous Institution.
8. In-charge Head, Dept. of Electrical Engineering, Govt. Polytechnic Bramhapuri (2010 to 2013).
9. Member of MSBTE Examination Vigilance Committee.
10. Member of MSBTE Academic Monitoring Committee.
11. Member of Scrutiny Committee for new proposal for AICTE/Non-AICTE institute.
12. Faculty In-charge Annual Social Gathering.
13. Expert member for curriculum revision project 2011 for Elect. Engg. of MSBTE.
14. Expert member for preparation of Teacher's guide for G-Scheme curriculum in Elect. Engg. of MSBTE.
15. Adviser Institute of Engineers IE(I), Students chapter, Govt. Polytechnic Nagpur.
16. Co-coordinator, for organizing Regional Level Technical Quiz Competition 'Electro-Quiz-2014' held on 20/09/2014 at Govt. Polytechnic Nagpur.
17. OSD to RBTE Nagpur to co-ordinate the Examination related activity of Nagpur Region.
18. Co-coordinator, for organizing one week training program for MES(Air Force JE) on "Testing and Maintenance of Electrical Equipments" during 27/01/2015 to 31/01/2015 at Govt. Polytechnic Nagpur.
19. Co-coordinator, for organizing State Level Technical Paper Presentation Competition 'ETEE-2015' held on 21/02/2015.
20. Head of Dept., Electrical Engineering, Govt. College of Engineering Jalgaon from 1/11/2016 to 15/02/2017.
21. Coordinator, for organizing sttp on "Orientation of NAAC and grade calculation Methodology" held on 2nd and 3rd Dec 2016 under TEQIP-II at Govt. College of Engineering Jalgaon.
22. Coordinator, for organizing workshop on 'Skill Enhancement Program' for lab. Assistant held on 20/12/2016 to 22/12/2016 under TEQIP-II at Govt. College of Engineering Jalgaon.
23. Coordinator, for organizing National Level Technical Paper Presentation Competition 'Techno-vision-2017' held on 20, 21/01/2017 under TEQIP-II at Govt. College of Engineering Jalgaon.
24. Coordinator, for organizing one week STTP on "Advancement in Renewable Energy and Energy Storage Devices" under TEQIP-II organized by Electrical Engineering Department, GCoE Jalgaon in association with Electrical Engineering Department, VNIT Nagpur from 30th Jan 2017 to 04th Feb 2017.

25. Member of BOS Electrical Engineering of Gondwana University Gadchiroli.
26. Head of Dept., ENTC Engineering, Govt. College of Engineering Chandrapur from 10/05/2019 to 28/11/2019.
27. Head of Dept., Electrical Engineering, Govt. College of Engineering Chandrapur from 29/11/2019 to 11/08/2021.
28. Coordinator, for organizing DTE Sponsored, one week STTP on "Engineering Optimization-Theory & Practice" organized by Electrical Engineering Department, GCoE Chandrapur from 6<sup>th</sup> Jan 2020 to 10<sup>th</sup> Jan 2020.
29. Head of Dept., Electrical Engineering, Govt. College of Engineering Nagpur from 12/08/2021 to 12/10/2021.
30. Dean (III & Placement), Govt. College of Engineering, Nagpur since 12/10/2021.



(Dr. Rajesh S. Surjuse)