

Name of Faculty Dr. NVPR Durga Prasad
 Designation Professor
 Nature of Job/Appointment Adjunct
 Date of Joining 09-12-2021
 E-mail nvpr.durgaprasad@gmail.com



Education Qualifications	Name of the Degree	Class
Ph. D	Ph.D-JNTU	Awarded
	MBA- Finance, Osmania University,	I-Class with Distinction
PG	M. Tech. (Power Electronics)- IIT Kanpur	I-Class with Distinction
UG	B. Tech. (EEE)	I-Class with Distinction.

Work Experience

Teaching	--
Research	35 Years in Public Sector.
Industry(BHEL Corp. R&D)	35 Years
Others	--

Area of Specialization Power Electronics

Professional Memberships Fellow IETE

Responsibilities held at Institution Level -----

Responsibilities held at Department Level

Research Guidance --

Awards Received

- 1) Excel Award for the design and development of Distributed Control System (DCS) platform called as OMEGA for Thermal Power Plants.
- 2) Excel Award for the design and development of Variable Voltage and Variable Frequency controller for 350 kW Permanent Magnet Synchronous Motor (PMSM) for Defence application.
- 3) NRDC award for the design and development of Electrostatic Precipitator (ESP) controls for Thermal Power Plants.

Courses Handled at Under Graduate / Post Graduate Level.

No. of Papers Published	National Journals – 00	International Journals – 11
	National Conference – 00	International Conference – 03

Projects Carried out Done no. of Projects in India and Abroad

Patents Holds no. of Product Patents

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized). --

Details of Journal Publications/
Conferences (National and
International)

1. N. V. P. R. Durga Prasad, T. Lakshminarayana, J. R. K. Narasimham, T. M. Verman and C. S. R. Krishnam Raju, "Automatic control and management of electrostatic precipitator," in IEEE Transactions on Industry Applications, vol. 35, no. 3, pp. 561-567, May-June 1999, doi: 10.1109/28.767002.
2. SV Nair, K Hatua, N.V.P.R. Durga Prasad, DK Reddy "Pulse turn-off method for starting of PMSM drive using back-emf position estimation technique" 2017 IEEE Transportation Electrification Conference (ITECIndia), pp:1-6.
3. Sandeep V Nair, Kamalesh Hatua, NVPR Durga Prasad, D Kishore Reddy, "Quick and seamless transition method for If to sensor-less vector control changeover and on-the-fly start of PMSM drives", IET Electric Power Applications, Volume 14, Issue 11, pp: 2231-2242.
4. S. V. Nair, K. Hatua, N. D. Durga Prasad and D. K. Reddy, "A Quick I-f Starting of PMSM Drive with Pole Slipping Prevention and Reduced Speed Oscillations," in IEEE Transactions on Industrial Electronics, doi: 10.1109/TIE.2020.3005070.
5. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, "Soft Data Bus Framework for Distribution Substations", IUP journal of Electrical and Electronics Engineering, Journal, Vol XI, No. 4, October' 2018, pp: 47-56.
6. N.V.P.R. Durga Prasad and G. Avinash, "Auxiliary Change Over System for Substations", International Journal of Applied Research, Vol. 13 Number 5 (2018), Feb' 2018, pp: 2734-2735.
7. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, "RFID Enabled Framework for Substation Maintenance Management", Indian Journal of Science and Technology, ISSN 0974-5645 Volume 11(43), November 2018 pp. 1-8.
8. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, 'Key Performance Index for Overall Substation Performance', International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (SCOPUS), Volume-8 Issue-2, July 2019, Page No.: 6067-6071.
9. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, "Substation Maintenance Optimization By Considering Ageing Equipment", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075 (SCOPUS), Volume-8, Issue-10, August 2019, Page No.: 3635-3642.
10. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, "Decision Support System and Integrated Asset Optimization (DSS & IAO)", International Journal of Scientific & Technology Research (IJSTR) ISSN 2277-8616 (SCOPUS) Volume-9, Issue-1, October 2019, Page No.: 1070-1077.
11. N.V.P.R. Durga Prasad, G. Praveena, N. Arjuna Rao and Dr. C. Radhakrishna, "A versatile Remote Terminal Unit (RTU)", IEEMA Journal; Volume XXIX-No. 9, Sept' 2009, pp: 98-101

International /National Conferences

1. S. V. Nair, K. Hatua, N. Durga Prasad and D. Kishore Reddy, "A Smooth and Stable Open-Loop I-F Control for a Surface Mount PMSM Drive by Ensuring Controlled Starting Torque," IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society, Washington, DC, USA, 2018, pp. 355-360, doi: 10.1109/IECON.2018.8591856.
2. N.V.P.R. Durga Prasad and Dr. C. Radhakrishna, "New Key Performance Indicators (KPI) For Substation Maintenance Performance", International Conference on Computing, Power and Communication Technologies (GUCON 2019) IEEE Conference Record no: 47222, Sep 27-28, 2019, pp: 31-34.
3. S. V. Nair, S. Bhawal, K. Hatua, N. D. Prasad and D. K. Reddy, "Effect of q-axis Inductance on the Design of an Industrial Inset Permanent Magnet Synchronous Motor Drive with Restricted DC bus Voltage," 2018 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Chennai, India, 2018, pp. 1-5, doi: 10.1109/PEDES.2018.8707766.