




Kammavari Sangham (R) 1952, K. S. Group of Institutions
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109
 Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, **Accredited by NAAC**

Faculty Name	Mrs. Manjula B G	
Designation	Associate Professor	
Educational Qualification	MTech	
Experience in Years	Teaching: 17 Years and 5 Months Industry: 1 Year and 7 Months	
Areas of Interest	Power System	
Subjects Taught	Network Analysis, Introduction to Internet of Things, Power System Operation and Control, Power System Analysis and Stability, Electrical Power Utilization, Power System Analysis-2, DC and Synchronous Machines, Industrial Drives and Applications, Transformers and Induction Machine, Analog Electronic Circuits, Switch Gear and Protection, Electrical and Electronic Measurements and Instrumentation Engineering, Electrical Machine Design, Basic Electrical Engineering, Power System Planning, Electric Motor, Transformers and Generators, Transmission and Distribution.	
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EDUCATIONAL DETAILS:-

Examination / Degree	College/University	Year of Passing
PhD	VTU	Submitted Thesis
MTech	Delhi Technological University, New Delhi.	2011
B.E.	Jawaharlal Nehru National College of Engineering, Shimoga.	1998

PUBLICATIONS:-

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Journal Publications:

- **Manjula B.G**, Dr. G. Raghavendra, “Prime Location Deployment Strategy for Phasor Measurement Units Adopting Intelligence Technique”, International Journal of Computational and Experimental Science and Engineering (IJCESN)”, Volume 11, Issue 3, pp 4655-4660, 2025.
- **Manjula B.G**, Dr. G. Raghavendra, “Estimation of Potential Outage Risk Evaluation of System using Performance Indices”, International Journal of Intelligent Systems and

Applications in Engineering, ISSN:2147-67992, Volume 12, Issue 13s, pp 41-49, January 2024.

- **Manjula B.G**, Dr. Raghavendra Gopal, “A Review on Phasor Measurement Unit for Secured Operation of Power System Network”, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 11, Issue 2, pp 32-34, February-2023.
- **Manjula B.G**, Nikitha P, Sai Darshan G, Varshini K, “Design and Development of Power Generation Model using Power Humps” International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 7, pp 1262-1266, July-2022.
- **Manjula. B. G**, Shruti Joshi, Tunga S Hegde, Poornima P, Preethi Y T” Development of Internet of Things Enabled Livestock Monitoring and Controlling Model”. International Journal of Engineering Research and Applications, ISSN: 2248-9622, Volume 11, Issue 9, pp. 62-65, (Series-II) September 2021.
- **Manjula. B. G**, Srikant Shanu, Shraddha J, Vishal B.V, Ayesha Firdose, “Design and Development of Data Acquisition and Controlling Unit for Power Generation”, International Journal of Engineering Research, ISSN: 2248 – 9622, volume 9, issue 7, pp 29-32, July 2019, Doi 10.9790/9622-0907052932.
- Jyothi Prakash, Bimbika R Patel, Birendra Kumar Bhagat, Nikhil Bhaskar, **Manjula. B.G**, “Design and Implementation of Rain Water, Humidity and Temperature Detector Alarm Unit for Green House Irrigation System”, SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) ISSN: 2348-8379, pp. 19 –22, Volume 4 Issue 5 – May 2017.
- Bhuvaneshwari S, Dakshayani S, Rakshak B R, **Manjula B. G**, “Design and Development of a Capacitive Power Transfer for Contactless Charging of Low Power Devices”, SSRG International Journal of Electrical and Electronics Engineering ISSN: 2348-8379, Volume 3 Issue 5, pp. 41 – 44, May 2016.
- **Manjula. B.G**, Suma A.P, A. D. Kulkarni, Narendra Kumar and T Anantha Padmanabha, “Contingency Ranking in Power Systems Employing Fuzzy Based Analysis”, International journal of Electrical Engineering and Embedded systems, ISSN-0975-4830, Volume.4, pp.1-7, Jan-June 2012.

Conference Papers:

- **Manjula. B. G**, Ramya K R, Dr. G. Raghavendra, V. Vamsi, N. Harikesh, M. Snehalatha, Uthkarshan G "Development of IoT Based Fingerprint Attendance System" International Conference on Global Convergence in Technology, Entrepreneurship, Computing & Value Engineering: Principles and Practices, ICGCP-2025 organized by Sapthagiri College of Engineering, Bengaluru during 16-18th April, 2025, ISBN: 9798392733033

PATENT:

- Published patent titled “Intelligent Gesture Controlled Wireless Wheelchair” in the Indian Patent Journal with Application number 409177 – 001 dated 29/02/2024

Professional Membership

- Life-time member of ISTE LM94795
- IEEE-Graduate Student Member - 101104573

CONTACT DETAILS:-

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