

Summary of Curriculum Vitae

Feature	Details
Educational Qualification	Ph.D, M.Tech and B.Tech in Electrical & Electronics Engineering.
Certifications	Chartered Engineer (Electrical), FIE, MISTE & 15 Training Certificates
Teaching & Industrial Experience	20 Years of Teaching Experience in the Department of Electrical and Electronics Engineering at the Reputed Technological Institutions. 3 Years of Industrial Experience as a Consultant Electrical Site Engineer for big constructions.
Awards & Achievements	<ol style="list-style-type: none"> 1. Received Oman Chamber of Commerce Industry Innovation Award and Research Fund during May 2017. 2. 4 times Best Research Paper Presentation Awards and GOLD MEDAL at International and National Conferences. 3. 3 Research Project grants worth of \$20,000/- 4. Best Staff of the Year (2014-2015) and Best Staff of the Month(Dec. 2014 & Nov. 2015) 5. Consecutive Best Project Awards in Every Semester 6. Many Best Project Awards at outside the college at Nation Wide Competitions.
Research Publications	27 Publications , 1- Patent & Editorial Member in 4 Int. Journals
Number Courses Taught	20 Theory Courses (Bachelor Level & Master Level) , 7 Labs and 40 projects (many projects got best project awards)
Skills	<ol style="list-style-type: none"> 1. High Dedication in the Work and given Responsibilities. 2. Master in Arduino, Microcontroller Programming and Developing Innovative Projects at Industry Level Expectations and Master in MATLAB Programming. 3. Through knowledge in various Electrical Simulating Softwares. 4. Expert in application of Intelligent Techniques (Neural networks, Fuzzy Logic and ANFIS) to Electrical and computer engineering applications.
Positions Held	Principal, Head of Department, Professor, Associate Professor, Assistant Professor, Lecturer, Electrical Site Engineer, Staff Development Committee In-charge, Project Coordinator, ISTE Faculty Advisor, In-charge of Examinations, Placement coordinator, University Exams Expert Committee Member, University Exams Observer, Chief Examiner for Evaluations, Media Advisor of College and Chief Editor of College Magazines.
Additional Responsibilities	<ol style="list-style-type: none"> 1. Delivering Seminars, workshops in every academic year in the area of Students Centered Learning Approaches and Technological Innovations in Engineering. 2. In every semester, for the benefit of students Conducting Short term development courses on Arduino, Raspberry Pi Microcontrollers for doing Innovative Engineering Projects. 3. Curriculum development in-charge, Course and Lab manual preparation, Project Coordinator, Staff Development In-Charge, Students Advising, Applying for research grants, etc.,

PUBLICATIONS

(Total No. of Publications: **27**, 1-Patent, 1- book Chapter & 2 **patent works** under the applying process)

My Google Scholar Link:

<https://scholar.google.com/citations?user=PK3jSrYAAAAAJ&hl=en>

JOURNALS:

- [1] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar** “Multi-Objective Decision Based Available Transfer Capability in Deregulated Power System using Heuristic Approaches” Journal of The Institution of Engineers (India): Series B published by **Springer**, July 2015. ISSN: 2250-2106 (Print) 2250-2114 (Online); This paper is available at: <http://link.springer.com/article/10.1007%2Fs40031-015-0208-2>
- [2] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “Online Monitoring of Available Transfer Capability in Deregulated Power System using Adaptive Neuro Fuzzy Inference System” published in, Power Electronics and Instrumentation Engineering. **Springer Berlin Heidelberg**, ISSN: 1865-0929, ISBN-10: 3-642-15738-6, ISBN-13: 978-3-642-15738-7, Vol. 102, Part 2, Page(s):74-79, September 2010, DOI: 10.1007/978-3-642-15739-4_13 {Impact Factor: 1.0, No. of Citations=2, **Obtained GOLD MEDAL & BEST Research Paper Award, Published News in THE HINDU News Paper and all Telugu District News Papers**
News Paper Link:
<http://www.thehindu.com/todays-paper/tp-features/tp-educationplus/nec-faculty-wins-gold-medal-at-international-seminar/article699539.ece>}
Download Link: http://link.springer.com/chapter/10.1007/978-3-642-15739-4_13
- [3] **Dr. GopiKrishna Pasam**, Dr. Sultan Feisso, and Mr Wondwosen Wubu Mersha. "Customer and Company Oriented Novel Electrical and Water Billing System Through Power Line Carrier Communication." International Journal of Engineering Applied Science and Technology (IJEAST), Volume 3, Issue 1, Page No: 41-46, ISSN No. 2455- 2143, July 2018. (Free Journal & Thomson Reuters Indexed with Impact Factor- 4.982) This paper is available at: <http://www.ijeast.com/papers/41-46,Tesma301,IJEAST.pdf>
- [4] **Dr. GopiKrishna Pasam**, Mr. Wondwosen Wubu Mersha and Mr. Sudarsi “ Multiple Objective Decision Based Modern Digital Home”, International Journal of Engineering Applied Science and Technology (IJEAST), Volume 2, Issue 7, Page No: 14-20, ISSN No. 2455- 2143, Dec. 2017. (Free Journal & Thomson Reuters Indexed) This paper is available at: www.ijeast.com/papers/14-20,Tesma207,IJEAST.pdf
- [5] **Dr. P. GopiKrishna and Dr. Sami Al Ghnimi** “Development of a Black Box Model for the Monitoring of Vehicle Accident and Speed” International Journal of Engineering Applied Science and Technology (IJEAST), Volume 1, Issue 9, Page No: 124-130, ISSN No. 2455- 2143, July – August 2016. This paper is available at:

<http://www.ijeast.com/papers/124-130.Tesma109.IJEAST.pdf>

- [6] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “Available Transfer Capability Computations in the Indian Southern E.H.V Power System using Intelligent Techniques” published in the International Journal of Research in Engineering and Technology (IJRET), vol. 3, Issue 11, Pages: 90- 100, November 2014. { Impact Factor (ISRA) = 2.375 }
This paper available at: http://ijret.org/Volumes/V03/I11/IJRET_110311015.pdf
- [7] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “A Novel Voltage Stability Analysis of Power System” published in International Journal of Electrical and Electronics Engineering Research(IJEEER), ISSN (Print) :2250-155X ;ISSN(Online): 2278–943X, vol. 3, issue 3, August 2013. {Impact Factor (JCC): 5.6397 }
Download link:
http://tjprc.org/view_archives.php?year=2013_14_2&id=15&jtype=2&page=7
- [8] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “On-Line Monitoring of Power System Parameters Using Radial Basis Function Neural Networks” published in International Journal of Electrical and Electronics Engineering Research (IJEEER), ISSN (Print) : 2250-155X ; ISSN (Online): 2278–943X Vol.3, Issue 2, June 2013. {Impact Factor(JCC): 5.6397, No. of Citations=1&Best Research Paper Award
(Reference :<http://tjprc.org/awards-recognitions.php>) }Download link:
http://tjprc.org/view_archives.php?year=2013_14_2&id=15&jtype=2&page=4
- [9] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “Available Transfer Capability Computations in Deregulated Power System with the Optimal Location of Unified Power Flow Controller” published in International Journal of Electrical and Electronics Engineering Research(IJEEER),ISSN(Print):2250-155X ;ISSN(Online): 2278–943X, ,Vol.2,Issue 3,Page(s): 121- 138, September 2012. {Impact Factor (JCC): 3.7567}Download Link:
http://tjprc.org/view_archives.php?year=2012_27_2&id=15&jtype=2&page=2
- [10] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “Assessment of Secured Voltage Stability Power Margin of Indian Southern Power Grid Using Integrated and Intelligent Methods” published in International Journal of Recent Trends in Engineering and Technology (IJRTET), ISSN:2158-5563,Vol. 7, Issue 2, Page(s): 43–50, March 2012, Digital Object Identifier: 01.IJRTET.7.2.71
{Impact Factor: 1.0, No. of Citations=2, Viewers:22 and downloads: 2}
Download Link: <http://searchdl.org/index.php/journals/view/2301>
- [11] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “A Novel Hybrid Intelligent Technique for the Analysis of Optimal Load Flow in Deregulated Power System” published in International Journal of Recent Trends in Engineering and Technology (IJRTET) ISSN: 2158-5563, Vol.6 ,Issue 2, Page(s): 72-78,November 2011, Digital Object Identifier: 01.IJRTET.6.2.228 {Impact Factor: 1.0, No. of Citations=1, Viewers: 16 and downloads: 2 }
Download Link: <http://searchdl.org/index.php/journals/view/415>
- [12] **Dr. P. GopiKrishna and Dr. T. Gowri Manohar**, “Voltage Stability Constrained ATC Computations in Deregulated Power System Using Novel Technique” published in ARPN

Journal of Engineering Applied Sciences ISSN: 1819-6608, Vol.3, N0.6, Dec. 2008. {Impact Factor: 0.4621, No. of Citations=7} Download Link :

http://www.arnjournals.com/jeas/research_papers/rp_2008/jeas_1208_148.pdf

- [13] Ms. Seada Hussen, Ms. Frie Ayalew & **Dr. P. GopiKrishna** “Review on Flexible AC Transmission System Components in the Deregulated Power System” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 7, Page No: 41-50, ISSN No. 2455- 2143, Nov. 2018. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/41-50,Tesma307,IJEAST.pdf>

- [14] Ms. Frie Ayalew, Ms. Seada Hussen & **Dr. P. GopiKrishna** “Optimization Techniques in Power System: A Review” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 10, Page No: 8-16, ISSN No. 2455- 2143, Feb. 2019. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/8-16,Tesma310,IJEAST.pdf>

- [15] Ms. Frie Ayalew, Ms. Seada Hussen & **Dr. P. GopiKrishna** “Generator Maintenance Scheduling in Power System using Artificial Intelligent Techniques: A Review” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 8, Page No: 1-7, ISSN No. 2455- 2143, Dec. 2018. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/1-7,Tesma308,IJEAST.pdf>

- [16] Ms. Frie Ayalew, Ms. Seada Hussen & **Dr. P. GopiKrishna** “Reactive Power Compensation: A Review” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 11, Page No: 1-7, ISSN No. 2455- 2143, March. 2019. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/1-7,Tesma311,IJEAST.pdf>

- [17] Ms. Seada Hussen, Ms. Frie Ayalew & **Dr. P. GopiKrishna** “Overview of Generator Protection on Power System” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 11, Page No: 12-18, ISSN No. 2455- 2143, March 2019. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/12-18,Tesma311,IJEAST.pdf>

- [18] Ms. Frie Ayalew, Ms. Seada Hussen & **Dr. P. GopiKrishna** “Economic Load Dispatch Problems in Smart Grid: A Review” International Journal of Engineering Applied Science and Technology (IJEAST), Vol. 3, Issue 11, Page No: 71-77, ISSN No. 2455- 2143, March. 2019. (Free Journal & Thomson Reuters Indexed with **Impact Factor- 4.982**)

This paper is available at: <http://www.ijeast.com/papers/71-77,Tesma311,IJEAST.pdf>

- [19] P. Sirisha , Dr. Sayeeda Sultana & **Dr. P. GopiKrishna** “Analytical Solutions and Neural Network Modelling for Removal of Chromium(VI) from Industrial Waste Water using Carissa Carandas” (Accepted to publish in the SCOPUS listed Asian Journal of Chemistry, vol. 31, issue-7, May 2019)

CONFERENCES:

- [20] **Dr. P. GopiKrishna** and Dr. T. Gowri Manohar, **Obtained Best Paper Presentation Award** for the paper titled “Voltage Stability Constrained Available Transfer Capability in Deregulated Power System Using Radial Basis Function Neural Networks” National Conference EAR-2008, J.N.T. University, Anantapur, Andhra Pradesh. May 2008.
- [21] **Dr. P. GopiKrishna** and Dr. T. Gowri Manohar, **Obtained Best Paper Presentation Award** for the paper titled “Assessment of Voltage Stability Constrained Load Flow in Deregulated Power System using RBF Neural Network” National Conference, Waves - 2008, Sri Kottam Tulasi Reddy Memorial College of Engineering, Kondair, Mahaboob Nagar (Dist.), Andhra Pradesh. Feb. 2008.
- [22] Saleh Saeed Sulaiman Al-Siyabi, Asad Mohammad Saeed Bani-Oraba, **Dr. Gopikrishna Pasam** and Zakeriya Mohammed Almaskari presented a paper titled “ GSM Based Digital Protection of Transmission Lines in the Presence of Voltage Compensated Devices” in International Conclave On Innovations in Engineering & Management (Oman Vision 2020: Opportunities & Challenges) Feb. 27-28, 2016 .
- [23] **Dr. P. GopiKrishna**, et.al paper titled “Development of a Black Box Model for the Vehicle Accident and Speed Monitoring” is published in the 6th National Symposium on Engineering Final Year Projects, organized by Nizwa University, Oman on 4th May 2016.
- [24] **Dr. P. GopiKrishna** ,Wondwosen Wubu Mersha, et.al presented a paper titled “Intelligent Techniques based Hybrid Renewable Energy Smart Villages with the Concepts of Distributed Generation for the Sustainable Economy of Ethiopia” in the National Research Conference, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia, June 2018.
- [25] P. Sirisha , Dr. Sayeeda Sultana & **Dr. P. GopiKrishna** presented a paper titled “Analytical Solutions and Neural Network Modelling for Removal of Chromium(VI) from Industrial Waste Water using Carissa Carandas” in the International Conference on Waste, Energy and Environment (ICWEE-2018), Sathyabama Institute of Science and Technology (Deemed University), 5th -7th September 2018. ISBN: 978-93-83409-47-1
- [26] Ms. Seada Hussen, Ms. Frie Ayalew & **Dr. P. GopiKrishna** presented a paper titled “Review on Flexible AC Transmission System Components in the Deregulated Power System” in the 4th International Conference on Trends in Information, Management, Engineering and Sciences (ICTIMES), pp. 293-299, 28th- 29th December 2018. ISBN: 978-81-939386-3-8.
- [27] Ms. Frie Ayalew, Ms. Seada Hussen & **Dr. P. GopiKrishna** presented a paper titled “Optimization Techniques in Power System: A Review” in the 4th International Conference on Trends in Information, Management, Engineering and Sciences (ICTIMES), pp. 398-403, 28th- 29th December 2018. ISBN: 978-81-939386-3-8.

My Google Scholar Link:

<https://scholar.google.com/citations?user=PK3jSrYAAAAJ&hl=en>

My Research Related Video Links:

<https://www.youtube.com/watch?v=kYKQsnTpNy0&t=7s>

<https://www.youtube.com/watch?v=Yq4q0F-y84I&t=9s>

My web links:

1. My Classroom Teaching, Presentations Video Links:

<https://www.youtube.com/watch?v=vjl0vSGKzvw&t=901s>

<https://www.youtube.com/watch?v=kYKQsnTpNy0&t=7s>

<https://www.youtube.com/watch?v=Yq4q0F-y84I&t=9s>

2. <http://www.thehindu.com/todays-paper/tp-features/tp-educationplus/nec-faculty-wins-gold-medal-at-international-seminar/article699539.ece>

3. <https://scholar.google.com/citations?user=PK3jSrYAAAAJ&hl=en>

4. <https://www.ict.edu.om/en-US/Awards/>

(Please click on AY2014-2015)

5. https://www.ict.edu.om/resources/publications/Technocrats/Vol_8-Iss_2/files/assets/common/downloads/Technocrats_Vol%208_Issue%202_14-1-2016.pdf

(Please see at page-3)

5. <https://www.ict.edu.om/en-US/Engineering/Staff-Awards/>

6.

<https://www.ict.edu.om/resources/publications/engineering/vol7iss2/files/assets/common/downloads/page0001.pdf>

7. <https://www.ict.edu.om/en-US/Engineering/Best-Project.aspx>

8. https://www.ict.edu.om/resources/publications/Technocrats/Vol_8-Iss_2/files/assets/common/downloads/page0003.pdf

9. <https://www.ict.edu.om/en-US/Project-Awards/>

10. <https://www.scribd.com/document/181062559/Teaching-and-Learning-Seminar-for-print-pdf>
11. https://rims.trc.gov.om/converis/portal/detail/Organisation/4703308?auxfun=&lang=ar_AE