

Dr.G.V.Nagesh Kumar

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Societies

- Life Member
- Indian Society for Technical Education (ISTE) - No. LM 54022
 - Institution of Engineers (IE) -, Fellow (F-1235032) and Chartered Engineer (No. M 146092-1)
 - System Society of India (SSI)-No. LM 30092
 - Solar Energy Society of India (SESI) -No. /2030/2013
 - The Indian Science Congress Association -No. A15135
 - Indian Association of Energy Management Professionals (IAEMP)
 - International Association of Engineers (IAENG)- No:239658

Teaching

- Undergraduate
- Electromagnetic Field Theory
 - Electric Circuit Analysis
 - Electric Machines – AC and DC
 - Power Systems – Generation and Transmission
 - Switchgear and Protection
 - Power Electronics
 - Power System Analysis
 - Electrical Technology
 - Utilisation of Electrical Energy
 - Power System Operation and Control
 - Control Systems
 - Linear System Analysis
 - Energy Auditing, Conservation and Management
- Postgraduate
- Modern Control Theory
 - Analysis of Dynamic Systems
 - Digital Control Systems
 - Custom Power Devices

Awards

- SASTRA Publications of Papers in International and National Levels during College day Celebrations –Win Fest 2k8 conducted on 10th Jan 2008.
- BEST PAPER Paper titled “The Impact of Coefficient of Restitution on the Motion of Particles in a Single Phase Coated Gas Insulated Bus duct” presented at National Conference on Computational Intelligence in Power Apparatus and Systems, CIPS 2008, April 18th and 19th, 2008, S.R.M University, Chennai.
- BEST RE-SEARCHER Awarded with certificate of merit and gold medal in recognition of distinguished service as the best researcher on 1st November, 2009 at JNTU, Kakinada.

BEST PAPER	Paper titled "Multiplexed Control Of Single Neuron PID And Normal PID Of Magnetic Suspension System" presented at National Conference on "Recent Advances in Power and Control Engineering", RAPCE – 2k11 conducted by Vignan's Lara Institute of Technology and Science, Vadlamudi, Guntur during 16th and 17th December 2011,
BEST PAPER	Paper titled "84 Pulse Voltage source converter statcom for voltage regulation and harmonic reduction" presented at National Conference on Electrical Power Engineering and Industrial Drives conducted during May 18-19, 2012.
SILVER LEAF	Paper titled "Improved Internal Model Controller Design to Control Speed and Torque Surges for Wind Turbine Driven Permanent Magnet Synchronous Generator" at 2013 IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics (PrimeAsia), conducted at GITAM University, Visakhapatnam during 19-21 Dec. 2013.
BEST POSTER	Paper titled "Sustainability of Wind Turbine based DFIG using Enhanced Field Oriented Control Technique", Springer/ Elsevier ICEE Conference-2014, JNTUH Hyderabad, Dec 15-17.
GOLD LEAF	Paper titled "Reduction of Stator Flux Ripples and Mitigation of Current Using Internal Model Control based Enhanced Field Oriented Control during Symmetrical Faults for Grid Connected DFIG at Different Loading Conditions" National conference on "New trends in Multidisciplinary Research and Practice" at GITAM University, Bengaluru on 7-8 Oct, 2016.
TOP 25 ARTICLES	Paper titled "Fault Ride-Through Enhancement Using an Enhanced Field Oriented Control Technique For Converters of Grid Connected DFIG And STATCOM For Different Types Of Faults " ISA TRANSACTIONS - VOLUME 57C, FEATURED IN THE SCIENCE DIRECT TOP 25 List of Most Downloaded Articles, Ranked 13th on the Top 25 for ISA TRANSACTIONS - April to June 2015.
PUBLONS Top Peer Reviewer	September 2018: Top reviewers in ENGINEERING
BEST RE-SEARCHER	Awarded with certificate of merit in recognition of distinguished service as the best researcher on 29 December, 2018 at JNTU, Kakinada.
Elsevier Outstanding Award	Awarded with certificate of merit for Outstanding Reviewing for IJEPES, JESTECH, JESIT, Ain Shams Journals.
Outstanding Faculty in Engineering	Outstanding Faculty in Engineering– 2017, Venus International Faculty Awards on 8th July, 2017.
Most Downloaded and Read Article	De Gruyter Publisher Awarded the Paper titled " A Combinatory Index based Optimal Reallocation of Generators in the presence of SVC using Krill Herd Algorithm " as one of the most-read and downloaded publication from the Open Engineering Journal for the Year 2017.
PUBLONS Peer Reviewer	September 2019: Top reviewers in ENGINEERING
PUBLONS Peer Review in Cross Platforms	September 2019: Top reviewers in Cross Platforms
Best PAPER AWARD	Paper Title: Enhancement of Line based Voltage Stability of energy system with TCSC using Cuckoo Search Algorithm, International Conference on Innovative Product Design and Intelligent Manufacturing System (ICIPDMS), 17-18 May 2019 conducted by NIT, Rourkela

Reviewer/Chair

- Journals
- Technology and Economics of Smart Grids and Sustainable Energy
 - Electric Power Components and Systems
 - Transactions of the Institute of Measurement and Control
 - Journal of Electrical Engineering and Technology
 - Engineering Science and Technology, an International Journal
 - IEEE Access
 - International Journal of Electrical Power and Energy Systems
 - Recent Advances in Electrical and Electronic Engineering
 - IET Generation, Transmission and Distribution
 - Applied Energy
 - IET Science, Measurement and Technology
 - Journal of Engineering Science and Technology
 - Journal of Electrical Systems and Information Technology
 - Wind Energy
 - International Journal of Power and Energy Systems
 - Journal of Systems and Control engineering
 - IEEE Systems Journal
 - AEJ - Alexandria Engineering Journal
 - Jurnal Teknologi (Sciences and Engineering)
 - IET Power Electronics
 - Journal of the Franklin Institute
 - International Journal of Sustainable Energy
 - International Journal of Emerging Electric Power Systems
 - Measurement and Control
 - Computers and Electrical Engineering
 - International Transactions on Electrical Energy Systems
 - International Journal of Fuzzy Systems
 - International Journal of Systems Assurance Engineering and Management
 - Cogent Engineering
 - Swarm and Evolutionary Computation
 - IEEE Transactions on Power Systems
 - ISA Transactions
 - IEEE Transactions on Applied Superconductivity
 - Egyptian Informatics Journal
 - COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering
 - International Journal of Ambient Energy
 - Journal of Intelligent Systems
 - International Journal of Business Intelligence and Data Mining
 - The Open Electrical and Electronic Engineering Journal
 - Ain Shams Engineering Journal
 - International Journal of Rotating Machinery
 - Transactions on Electrical Engineering, Electronics, and Communications
 - Journal of Computational Design and Engineering
 - International Journal of Renewable Energy Research
 - American Journal of Electrical Power and Energy Systems
 - Sustainable Energy, Grids and Networks
 - Indonesian Journal of Electrical Engineering and Computer Science
 - International Journal of Power Electronics and Drive Systems (IJPEDS)

- IEEE Conferences
- IEEE R-10 Colloquium and the Third International Conference on Industrial and Information Systems (ICIIS-2008) held at IIT, Kharagpur, India during 8th – 10th December 2008.
 - 4th IEEE International Conference on Computer Science and Information Technology, ICCSIT 2011, Chengdu, China during June 10 to 12, 2011.
 - IEEE International Conference on Sustainable Energy Technologies (ICSET 2008) conducted on 24-27 Nov 2008 at SMU Conference Center, Singapore.
 - IEEE International Power and Energy Conference (PeCon 2012) conducted on 02 Dec - 05 Dec 2012 at TBD, Kota Kinabalu, Malaysia at SMU Conference Center, Singapore.
 - IEEE Conference on Control, Systems and Industrial Informatics, ICCSII 2012 organized by the Control Systems and Robotics and Automation Joint chapter of the IEEE Indonesia Section conducted on 23rd – 26th September 2012 at Bandung, Indonesia.
 - 5th International Conference on Computer Science and Information Technology (ICCSIT 2012) held in Hong Kong during December 29 - 30, 2012.
 - International Conference on Microelectronics Electromagnetics and Telecommunication (ICMEET) Organized by Department of Electronics and Communication Engineering, GITAM University, Visakhapatnam, Andhra Pradesh, India during December 18th and 19th, 2015.
 - International Conference On “Computational Intelligence in Data Mining”, (ICCIDM-2015)
 - IEEE 6th International Conference on Power and Energy (PECON 2016) held in Hatten Hotel Melaka, from 28-29 November 2016.
 - 2016 International Conference on Education (ICOED'16)

Invited Lectures Delivered

- Talks
- Guest Talk on “Electrical Power and Control- Needs and recent trends” conducted by NSRIT, Visakhapatnam on 13th – 14th November 2017.
 - delivered a Technical Talk on “Power and Alternate Source for Energy conducted by Andhra Chamber of Commerce on January 18, 2013 at Visakhapatnam.
 - Delivered Guest Lecture on “Gas Insulated Substations” at Gudlavalleru Engineering College on 30th January 2014.
 - Delivered a Keynote address on “Particle Contamination in Gas Insulated Substations” in National Conference on Recent Advances in Communications and Energy Systems, RACES – 2011 conducted on 29th and 30th of April 2011 organised by Vignan's Lara Institute of Technology and Science, Guntur.
- Chair
- Chaired a Technical session on Control Systems in National Conference on Recent Advances in Communications and Energy Systems, RACES – 2011 conducted on 29th and 30th of April 2011, organised by Vignan's Lara Institute of Technology and Science, Guntur.
 - Panel Judge for Student Technical Paper Presentation in Phase 2k14 on the eve of Special GEC Fest2k14 on 30th January 2014.
 - Judge for Student Technical Paper Presentation in Encurso 2k13 conducted by JNTU Kakinada on 9th -10th March 2013.
 - Chaired the session of International Conference on Power, Circuit and Information Technologies (ICPCIT-2017) on 27-29 April, 2017.
 - Chaired the session of International Conference on Microelectronics Electromagnetics and Telecommunication (ICMEET) Organized by Department of Electronics and Communication Engineering, GITAM University, Visakhapatnam, Andhra Pradesh, India during December 18th and 19th, 2015.

Editorial/ Advisory Board

- Technical Advisory Committee Member for National Conference on "Emerging Trends in Power, Energy and Control" ETPEC'20, VFSTR University.
- Local Organizing Committee for International Conference on System Automation, Reliability, Quality Control, Safety, Maintenance and Management (ICSARQCSMM2019), Jawaharlal Nehru Technological University Anantapur College of Engineering (Autonomous) Ananthapuramu-515002(A.P.)INDIA
- Editorial committee member for AICTE Sponsored International Conference on Advances in Renowned Renewable Energy Technologies (ICARRET), during 23rd and 24th October 2019 at Velagapudi Ramakrishna Siddhartha Engineering College , Vijayawada, AP, India.
- Technical Committee Member for INTERNATIONAL CONFERENCE ON SMART ENERGY SYSTEMS AND ELECTRIC VEHICLES (ICSESEV - 2020) 8 – 10 January 2020 at Velagapudi Ramakrishna Siddhartha Engineering College , Vijayawada, AP, India.
- Guest Editor for International Conference on Power, Circuit and Information Technologies (ICPCIT-2017) and Vol 7, No 1.8 (2018): Special Issue 8 of IJET (UAE).
- Invited as Technical Advisory Committee Member for ETPEC 2017 Conference conducted by Vignan's University, Guntur during August 2017.
- Technical Program Committee Member for 2nd IEEE International Conference on Sustainable Energy Technologies, ICSET 2010, Kandy, Srilanka during 6th – 9th December, 2010.
- Technical Program Committee Member for 4th IEEE International Conference on Computer Science and Information Technology, ICCSIT 2011, Chengdu, China during June 10 to 12, 2011.
- Technical Program Committee Member for 5th International Conference on Computer Science and Information Technology (ICCSIT 2012) held in Hong Kong during December 29 - 30, 2012.
- Member of Editorial Board for International Journal of Research.
- Editorial Board Member for International Journal of Advanced Engineering and Applications.
- Associate Editor for Scientific Journals International.
- Member of Conference Committee for Organizing 95th Annual Conference of the Indian Economic Association held at GITAM University, 27- 29, Dec 2012.
- Organizing Co-Chair for Asia-Pacific Conference on Postgraduate Research in Microelectronics and Electronics (Prime Asia) 2013, sponsored by the IEEE Circuits and Systems Society, during December 19-21, 2013 at GITAM University, Visakhapatnam (Vizag), Andhra Pradesh, India.
- Technical Program Committee Member for 6th IEEE International Advance Computing Conference 2016 to be held at SRKR Engineering College, Bhimavaram, A.P., February 27-28, 2016, Organized by IEEE Computer Society - India Council.
- State Managing Committee Member ISTE-AP
- Editorial Board Member of Universal Journal of Electrical and Electronic Engineering.
- Member of technical committee for 6th IEEE International Advance Computing Conference (IACC - 2016)

Seminars/ Conferences/ Workshops/Training Programmes

Conducted

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| National Conference | ○ Convener for National Conference on "Recent Advances in Electrical Engineering" during 9th – 10th March 2007 at Vignans Institute of Information Technology, Visakhapatnam. |
| IEEE Student Conference | ○ Organizing Secretary for IEEE Student Conference on Recent Trends in Electrical and Electronics Engineering, SCRTEEE conducted on 24th – 25th February 2012. |

- IEEE International Conference ○ Local Organising Chair for IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics, 19-21 Dec.2013, Sponsored by IEEE Hyderabad Section and GITAM University.

- One day Seminar ○ Organizing Secretary for One day Seminar on “Solar Photovoltaic Installations” on 21st March, 2011 at Vignan’s Institute of Information Technology, Visakhapatnam.

- Youth Festival ○ Co-Convener, Vignan’s Yuvtarang, A National Level Youth Festival conducted on 19th – 21st March 2010.

- Tech Fest ○ Convener, Vignan’s Techno Fest conducted on 11th – 12th March 2005.

- Faraday’s Fest ○ Convener of Faraday’s Fest conducted on September 2007 at Department of EEE, VIIT, Visakhapatnam.

- IEEE PES Chapter ○ Student Branch Advisor, IEEE PES Student Chapter, Department of EEE, GITAM University, Visakhapatnam.

- Alumni Association ○ Secretary for GITAM EEE Students Alumni Association.

- One Day Workshop ○ Organizing Secretary for One Day Workshop on “Soft Computing applications to Solar-Wind Integrated Systems and Energy Auditing” conducted on 21st September, 2013.
 ○ Workshop On ‘Fascinating Aspects of Modern Control with Challenging Applications’, December 15th, 2015.

- Two Day Workshop ○ Organizing Secretary for Two Day Workshop on “Wide Area Monitoring and Control of Sustainable Power Systems” conducted on 24th -25th January, 2013.
 ○ Organizing Secretary for Research Methodology, 16th -17th Nov 2013 at GITAM University, Visakhapatnam.
 ○ Chairman for Two Day Workshop on Energy Management and Energy Auditing organised at GITAM University , Bengaluru on 19th – 20th August 2016.

- One Week Refresher Course ○ Organizing Secretary for One Week Refresher Course on "Effective Office Management and Advanced Computer Skills" conducted during 20th – 24th May, 2013.

- Three Day Training Program ○ Organizing Secretary for Three Day Training Program on "Corporate Behavior Skills" conducted during 27th – 29th May, 2013.

Attended

- UGC Refresher Courses
 - One week refresher course on “Modeling of Power System Components” conducted by Academic Staff College, Jawaharlal Nehru Technological University, Kukatpally, Hyderabad during 24 to 29 May 2004.
 - Three-week refresher course on “Generation, Measurement and testing techniques in High Voltage Engineering” organized by JNTU ASC, Kukatpally, Hyderabad conducted during 11.10.2004 to 02.11.2004.
 - Three-week refresher course on “Advances in Power Electronics and their applications to Power Systems and Drives ” organized by JNTU ASC, Kukatpally, Hyderabad during 07-26 Nov. 2005.

- One Week Training
 - Participated in One Week FDP on “ Outcome based Education” organised by the E and ICT Academy, NIT Warangal from 27th May to 1st June , 2019.
 - One Week Training on “ Faculty Training Programme on Instructional Design and Delivery” organized by National Institute of Technical Teachers Training and Research, Chennai on 29.07.2004.
 - One week refresher course on “Modeling of Power System Components” conducted by G.V.P. College of Engineering, Visakhapatnam.

- IEEE Workshops
 - IEEE workshop on “Gas Insulated Substations” conducted by IEEE Region 10 at IIT Kharagpur on 28th October 2007.
 - IEEE Conference Organisers Workshop (COW) conducted by IEEE Hyderabad Section at Hotel Park, Visakhapatnam on 13th October, 2012.
 - Two Day National Symposium and Technology Exhibition on “ Microgrids: Laboratory to Real Markets” held on 22-23 February, 2013 at Mahindra Satyam Danube Auditorium, Hyderabad, Andhra Pradesh conducted by IEEE PES/IAS/PELS Joint Chapter, Hyderabad Section.

- One-day workshop
- One-day workshop on “How to Foster Entrepreneurship among engineering students” conducted by School of Management Studies and EDP Cell , Jawaharlal Nehru Technological University, Kukatpally, Hyderabad on 29th July 2004.
 - One day Workshop on “Distributed Energy Efficient Power Generation” conducted by B.V.R.I.T, Hyderabad.
 - One Day Workshop on “EDA Tools for VLSI” conducted at College of Engineering, JNT University, Hyderabad on 27th Sept 2006.
 - One Day Workshop on “Real Time Digital Simulation of Power Systems” conducted by University of Calcutta, Kolkata on 2nd December 2007.
 - Participated in One day Workshop on “Solar Photovoltaic Installations” on 21st March, 2011. Conducted by Department of Electrical and Electronics Engineering and Department of Mechanical Engineering, Vignan’s Institute of Information Technology, Visakhapatnam.
 - Workshop on “Patent Awareness” Conducted by GITAM Institute of Science, GITAM University on October 28, 2013.
 - ELECRAMA, organized by IEEMA, Bangalore International Exhibition Centre, Bengaluru, India, 13 – 17 February, 2016.
 - ACDOS / IEEE CSS Joint Symposium on Advanced Control of Power Systems, 23-Jan-2016 (Sat day), Dept. of Aerospace Engineering (Auditorium), Indian Institute of Science, Bangalore.
 - Reactive power control and voltage stability in power systems, 28th March, 2014 at GITAM University, visakhapatnam..
 - Soft computing techniques in estimation and control, 22nd February, 2014 at GITAM University, visakhapatnam.
 - System identification and advances in control techniques, 28th Dec 2013, at GITAM University, visakhapatnam.
 - Participated in One Day Workshop on “ Pedagogical Skills Training Programme at GITAM University , Bengaluru on 3rd September 2016.

- Two day workshop
- Participated in the Faculty Development Programme under TEQIP-II on Achieving Academic Excellence held at IIM Raipur during 23-28, 2015.
 - Completed Professional Development Hours on Recent Development of SRM for Hybrid Electrical Vehicles on 16 June, 2017 by IEEE Continuing Education.
 - Two day workshop on “Power Quality: Principles, standards and solutions” conducted by IIT Madras during 27-30 December 2004.
 - Two-day workshop on “Management of Integrated Power Pools: State of the art” conducted by GITAM, Vizag during 22-23 September 2005.
 - Two-day workshop on “Adaptive and Intelligent control based Power System Stabilizers” organized by IEEE Chapter, Hyderabad during 24-25 April 2006.
 - Two day Launch Pad “EURO-IV TAKE OFF” conducted by ni2designs, Pune during 30th March – 1st April 2006.
 - Two day Workshop on “High Voltage Engineering” conducted by Department of EEE, College of Engineering JNT University, Hyderabad during Feb 5-6, 2007.
 - Two Day Workshop on “Advanced Power System Analysis with ETAP” conducted at CRR College of Engineering, Eluru on Sept 12-13, 2007.
 - Two Day Workshop on “Developments in Power Systems and Drives” conducted at VNR VJIE, Hyderabad during 22nd to 23rd February 2008.
 - Three day Workshop on “Optimization and Reliability Approaches in Engineering Design” (ORAED 2012) jointly organized by the Directorate of Consultancy, Projects and Collaborations (CPC) and Department of Mechanical Engineering, GITAM Institute of Technology, GITAM University, Visakhapatnam during 22nd to 24th November, 2012.
 - Two Day Workshop on “Power Processing Engineering” Conducted by Department of EEE, Vignan’s Institute of Information Technology, Visakhapatnam during 3rd – 4th October, 2008.
 - Two Day COMSOL Conference conducted by COMSOL Multiphysics, Bangalore during 4th – 5th 2011.
 - National Workshop on “LV Switchgear And Reactive Power Management Techniques”, conducted by Department of EEE, PSG College of Technology, Coimbatore during 5 – 6 April 2013.

- International Workshop
- International Workshop on “Numerical, Linear Algebra in Signals, Systems and Control” NLASSC conducted at IIT Kharagpur during 9th – 11th January 2007.

- Three Day Workshop
- Three Day Workshop on “Educational Management and Academic Planning” Conducted by Vignan’s Institute of Information Technology, Visakhapatnam during 18th – 20th April, 2011.

M.Tech / B.Tech Projects

M.Tech Thesis

- 2015
- Navneet Behra - Finite Element Analysis of Decoupled Control 12/14 Bearingless Switched Reluctance Motor with Different Rotor Angle and Current
- 2014
- N.Anand Kiran - Optimal tuning and location of Unified power flow Controller Using Firefly Algorithm for Enhancing voltage stability and Minimizing Losses
 - G.Manikanta - Enhancement of power transfer capability with optimal tuning of thyristor controlled series capacitor using BAT Algorithm
- 2013
- K.Hemalatha - Optimal Location of Distributed Generation Using BAT Algorithm.

- 2012 ○ M.Chaitanya Patnaik - Intelligent Controller for Torque-Ripple Minimization in Switched Reluctance Motor
- M.Alekhy - 84-Pulse Voltage Source Converter Using Multi-Level DC Voltage Reinjection Technique
- M.Alekhy - Optimal Distributed Generation Location Using Primal-Dual Interior Point Method In Hybrid Electricity Markets

B.Tech Projects

- 2014 ○ B. Prudhvi Raj, M.Harikrishna, V.Ajith - Design and Implementation of Head Movement and Eye Blink based Intelligent Wheel Chair
- M. Uma Maheswara Rao - Integration of Low Frequency alternator to utility Grid through Fractional Frequency Transmission System.
- 2013 ○ B.Krishna Chaitanya, K.Srinivas, P.Ravi Sharma, Y.Surendher - Train Position Detector and Accident Prevention Module with Auto control on Regenerative Braking
- 2012 ○ Ch.Raviteja, K.Koteswar Rao, K.Sameera, P.Manikanta- Controller Design of an Interline Power Flow Controller (IPFC) in Simulink
- B.R.Bhargavi, K.Harish, Saurabh Pandey, V.A.S.Srinivas- Performance Analysis of Self Bearing Switched Reluctance Motor
- Ch.Raviteja, K.Koteswar Rao, K.Sameera, P.Manikanta - Design of MOSFET Based H-Bridge Inverter for Induction Heating
- B.R.Bhargavi, K.Harish, Saurabh Pandey, V.A.S.Srinivas -Fuzzy Logic Based Solar Tracking
- 2011 ○ V.s.raghu teja, p.vasu babu, K.sudheer, M.ravi kumar, M.raja - Modeling and Analysis of self bearing switched reluctance motor for high speed applications
- D.Sowjanya, G.Bhaskararao , CH.Snehith, K.Kiranchand, CH.Jyoshnadevi-Optimization of a power system with Interior point method
- R.Rama Prasanna, P.Suresh Kumar, K.M.Rehematulla, D.Krishnam Raju-Simulation of UPFC and IPFC for a Power system.
- 2010 ○ Ch.Chandana, D.Lalitha Rani , L.Dinesh,B.Ramesh Babu - Impact of FACTS device on generation reallocation and load shedding of a power system
- N. Krishnateja, P. Ram manoj, M.S.V.N raju, K. Rama Krishna- Modelling And Analysis Of Active Magnetic Bearing System
- 2009 ○ B.Gayatri, K.V.V.Phani Varma, D.Ravi Kumar, S.Jyothi Rani -Particle Trajectories in a Three Phase common Enclosure Gas Insulated Busduct with and without Image Charges
- Sandeep Sasidharan, Ch.Praveen Kumar, A.Satyanarayana, T.Sravan Kumar, G.Sridhar- Modeling and Analysis of Particle Trajectories in a Single Phase Gas Insulated Busduct with conductor coating
- A.S.Anitha Nair, H.S.V.V.N.L Prasad, G.Hariprasad Naidu, D.Chandra Sekhar - Spacer Involvement in a single phase Gas Insulated Busduct with Metallic Particle Contamination
- 2008 ○ Uma varakumari gadasala, Chandra sekhar maddula, Rajmohan suriseti ,Balasuryapratapgupta p - Random Behavior of Metallic particles in various design of single phase coated GIB using Monte-Carlo Technique.

- 2007
- Ch.Aravind Seshu, K.K.Chaitanya, P.Vijaya Krishna, E.Srikanth, B.Sravana Kumar -Application of WAVELET Analysis For Detection of Faults in Power Transformers
 - P.RamaKrishnam Raju, A.Raghavendra, T.Murali Krishna Prasad, Ch.Naresh, T.Ramji Ambedkar -Design of Fuzzy Logic Controller for an Unmanned Autonomous Under Water Vehicle
 - N.Lokeswara Rao, Swathi Panigrahi, Ch.Jaya Bhanu Prakash, N.Ramachandra Rao, B.Venkata Durga Prasad -Movement of Metallic Particles in Gas Insulated Busduct Under the influence of various types of Voltages
- 2006
- G.Sunitha, N.Ramesh, M.B.Lavanya, K.Rama Siva -PC based Machine Control System.

Books

- Reviewed
- Doubly Fed Induction Generators- Control for Wind Energy by Edgar N. Sanchez and Riemann Ruiz-Cruz , CRC Press - Taylor and Francis Group.

Professional Societies Started

- GITAM
- IEEE- PES Chapter
 - IAEMP
- Vignan IIT
- ISTE
 - IE

Profiles

- Social  <https://www.facebook.com/g.venkatanageshkumar>
- LinkedIn  <https://www.linkedin.com/in/venkata-nagesh-6671a659/>
- Scopus  <https://www.scopus.com/authid/detail.uri?authorId=24825042100>
- Publons  <https://publons.com/researcher/1251672/venkata-nagesh-kumar-gundavarapu>
- Orcid  <https://orcid.org/0000-0002-9298-7708>
- Google Scholar  <https://scholar.google.co.in/citations?hl=en>
- Researcher ID  <http://www.researcherid.com/rid/H-5111-2016>