

Contact Information

D. No : 2-24/6/4, F.No: 202, M.K. Ridge Apartment, P.M. palem-, A.P
Visakhapatnam- 530041 A.P, Telephone: (Home) 91-0891-3556878 (Mobile) +91-8500265310
Contact by email: nagaanath@gmail.com.

Education

1. **Ph.D** in **Electrical Engineering**, GITAM University, June 2018
2. **M.Tech** in **Electrical Power Engineering** December 2010
SNIST Engineering College, J.N.T.U Hyderabad
3. **B.Tech.** in **Electrical & electronics Engineering** May 2005
RAGHU Engineering College, 2005 J.N.T.U Hyderabad

Work Experience

1. **Raghu Institute of Technology (RIT), VSKP** **11, May, 2018- Till Date**
2. DADI Institute of Engg. & Tech Aug-2016- 24, Oct-2017
3. VITAM College Of Engg & Tech. December 2010- Aug-2016
2. Kroombats Technologies, Hyderabad Jan 2009-Dec 2010
3. Kaveri Gas Power Limited August 2008-Jan 2009
C/O: ROLLS ROYCE India Pvt. Ltd.,
4. OMEGA ELECTRICAL WORKS June 2005 to Sep 2006
C/O Hindustan Shipyard Limited,
Maintenance Engineer 110KV, 33KV, 11KV, 440V Substation

Computer Skills

Programming Languages: C, MATLAB, PSCAD, EMTDC, Mathematica, UNIX Shell, Java, and Oracle.

Technical Skills: Strong background in modelling and simulation of power systems, control systems, power electronics, vehicle technologies and renewable & battery energy storages. Applications and control systems planning for motor and generator controls, state estimations, time and frequency domain analysis, small signal modelling, advanced intelligent, linear and non-linear control techniques.

Additional Skills: Generate engineering drawing in 2D platform taken guidance from Sr. Engineer in ITC, Chennai. I have knowledge and concept of drafting standards used in engineering industry. I am Conversant with Auto CAD 2008.

List of Publications & Patents

Details of Patents Granted or registered

1. B. Waghulde, K.; M. Patil, Milind; **Naga Ananth, D. Venkata**; Ashok Patil, Atul; Atul Patil, Sarika; S. Desai, Sumit; Jain, Vipin; Chordiya, S. B.; Kumar Gupta, Sandeep; Kumar Sarkar, Biplab, "EI-Overheat Control System: Engine Overheat Intelligent Control System." Application No. 2020103325, registration date: 16-11-2020, <http://pericles.ipaustralia.gov.au/ols/auspat/advancedSearchPage.do>

International Free and good (Scopus/ SCI) Journals:

1. D. V. N Ananth, G. V. Nagesh Kumar, "Fault Ride-Through Enhancement Using Enhanced Field Oriented Control Technique for Converters of Grid Connected DFIG and STATCOM for Different Types of Faults", ISA Transactions, (Elsevier) Vol. 62, 2-18, (2016). (WoS)
2. D. V. N Ananth, G. V. Nagesh Kumar, "Reference power extraction based MPPT technique with enhanced real and reactive power flow control for grid connected DFIG", International Journal of Renewable Energy, Vol. 10, No. 1, 47-65, (2015). (scopus)
3. D. V. N Ananth, G. V. Nagesh Kumar, "Dynamic Stability Improvement of grid connected DFIG using Enhanced Field Oriented Control Technique for High Voltage Ride Through", Journal of Renewable Energy, (Hindawi Journal), (id. 490178), 1-14, (2015). (scopus)

4. D. V. N Ananth, G. V. Nagesh Kumar, "Flux based Sensor-less Speed Sensing and Real and Reactive Power Flow Control with Look-up Table based MPPT technique for Grid Connected DFIG", Indonesian Journal of Electrical Engineering and Informatics (IJEI), Vol.3, no.4, 216-223, (2015). (WoS)
5. D. V. N Ananth, G. V. Nagesh Kumar, "Mitigation of Voltage dip and Power System Oscillations damping using Dual STATCOM for Grid Connected DFIG", Ain Shams Engineering Journal, (Elsevier), Vol.8, no.4, 581-592, (Dec-2017). (WoS)
6. D. V. N Ananth, G. V. Nagesh Kumar, "Performance of Grid Connected DFIG During Recurring Symmetrical Faults Using Internal Model Controller Based Enhanced Field Oriented Control", Journal of Electrical Systems (JES), Vol.10, No.12, 406-418, (2016). (WoS)
7. D. V. N Ananth, G. V. Nagesh Kumar, "Sustained operation for low and high voltage ride through for DFIG using enhanced field oriented control technique", Journal of Power Technologies (JPT), (in press) (scopus)
8. D. V. N Ananth, G. V. Nagesh Kumar, "Low Voltage Ride-through for Doubly Fed Induction Generator Using Battery-Storage System" in International Journal of Power Electronics and Drive Systems (IJPEDS), Vol.7, No.2, 481-497, (2016) (scopus)
9. D. V. N Ananth, G. V. Nagesh Kumar, "Tip speed ratio based MPPT algorithm and improved field oriented control for extracting optimal real power and independent reactive power control for grid connected doubly fed induction generator", International Journal of Electrical and Computer Engineering (IJECE), Vol.6, No.3, 1319-1331, (2016). (scopus)
10. D. V. N Ananth, G. V. Nagesh Kumar, "Performance Evaluation of DFIG During Asymmetrical Grid Disturbances Using Internal Model Controller and Resonant Controller", International Journal on Electrical Engineering and Informatics (IJEI), Volume 8, Number 3, 494-517, September 2016. (WoS)
11. D. V. N Ananth, G. V. Nagesh Kumar, "Sustainable Operation and Performance Improvement of grid connected DFIG during symmetrical faults using fuzzy controller based Enhanced Field Oriented Control", Cogent Engineering (Taylor & Francis), Volume 3, Number 1, August 2016. (WoS)
12. D. V. N Ananth, G. V. Nagesh Kumar, "Design of Enhanced Field Oriented Flux Control Technique for Grid Connected DFIG Under Low Voltage Fault Ride Through", IJCTA, 9(32):295-311, Dec 2016. (scopus)
13. D. V. N Ananth, G. V. Nagesh Kumar, "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", IJCTA, 9(32):79-92, December 2016. (scopus)
14. D. V. N Ananth, G. V. Nagesh Kumar, "Improved LVRT for grid connected DFIG using enhanced field oriented control technique with super capacitor as external energy storage system", JESTECH, (Elsevier), Volume 19, Number 4, pages: 1742–1752, December 2016. (WoS)
15. D.V.N. Ananth, G.V. Nagesh Kumar. Design of Solar PV Cell Based Inverter for Unbalanced and Distorted Industrial Loads. Indonesian Journal of Elec Engineering and Informatics (IJEI). 2015, 3(2): 70-77. (scopus)
16. D.V.N. Ananth, G.V. Nagesh Kumar "Artificial Neural Network Based Direct Torque Control for Variable Speed Wind Turbine Driven Induction Generator." International Journal of Computer and Electrical Engineering 3, no. 6 (2011): 880-888. (scopus)
17. D.V.N. Ananth, G.V. Nagesh Kumar "Two area load frequency control for DFIG based wind turbine system using modern energy storage devices", International Journal of Pure and Applied Mathematics, Volume 114 No. 9 2017, 113-123. (scopus)
18. D.V.N. Ananth, G.V. Nagesh Kumar " Performance of DFIG during symmetrical and asymmetrical grid faults with damping controller based SSSC", International Journal of Pure and Applied Mathematics, Volume 114 No. 9 2017, 125-135. (scopus)
19. D.V.N. Ananth, G.V. Nagesh Kumar "Damping of Power System Oscillations and Control of Voltage Dip by Using STATCOM and UPFC", International Journal of Pure and Applied Mathematics, Volume 114 No. 10 2017, 487-496. (scopus)
20. D.V.N. Ananth, G.V. Nagesh Kumar "Coordination of A Three Level STATCOM and Enhanced Field Oriented Controller for Grid Connected DFIG to Improve Performance during Different Faults", Journal of Electrical Engineering, Volume 114 No. 3, 2017, 10-16. (scopus)
21. D.V.N. Ananth, "Optimal Reference Power Tracking of DFIG Converter Analysis at Low Wind Speed and Grid Disturbances Using Internal Model Control", i-manager's Journal on circuits and systems, 5(2), 1-19, 2017.
22. D.V.N. Ananth, M. Srikanth, "Power quality conditioning using series active power filter to compensate flickering and unbalanced loads", Jou. Electrical Engineering, Vol. 17, No.4, 1-9, 2018. (scopus)
23. D.V.N. Ananth, G.V. Nagesh Kumar "Fuzzy Controller-Based Intelligent Operation of Grid-Connected DFIG During Recurring Symmetrical Faults", Advs in Intel. Syst., Computing, (Springer), Vol. 668, 707-716. (WoS)

24. K. Mahesh, D.V.N. Ananth, M. Naga Chaitanya, Selva Kumar, "Independent Real and Reactive Power flow Control and Maximum Power Extraction of DFIG based Wind Turbine System Using Improved Field Oriented Control Technique", *IJPAM*, Volume 119 No. 15, 2018, 2361-2369. (scopus)
25. D.V.N. Ananth, G.V. Nagesh Kumar, "Design of DFIG Converters to Overcome Grid Faults Using Improved Stator Flux Based Field Oriented Control and STATCOM Controller", *Technology and Economics of Smart Grids and Sustainable Energy*, (Springer), Volume 3, No. 1, 1-16, Dec. 2018. (WoS)
26. D.V.N. Ananth and K.S.T. Vineela, "A Review of Different Optimization Techniques for Solving Single and Multi-Objective Optimization Problem in Power System and Mostly Unit Commitment Problem", *International Journal of Ambient Energy*, (Taylor & Francis), in press, April-2019. (WoS Indexed)
27. Ananth, D.V.N., Joga Rao, G. "Analysis of grid connected dfig with variation in generator speed and stator reactive power demand using reference power based improved field oriented control", *International Journal of Innovative Technology and Exploring Engineering*, Vol. 8, No.6, pp. 1415-1424, June 2019. (scopus)
28. Joga Rao, G., Ananth, D.V.N., Kiran Kumar, P., Ram Reddy, P. "Performance enhancement of PMBL DC motor drive by multi-carrier modulation technique", *International Journal of Innovative Technology and Exploring Engineering*, Vol. 8, No. 7, pp. 2179-2183, July 2019. (scopus)
29. D.V.N. Ananth , L.V. Suresh, G T Chandra Sekhar, "Design of a level fuzzy logic controller for short term demand side management with randomly varying load", *International Journal of Sociotechnology and Knowledge Development (IJSKD)*, Volume 13, Issue 1, May 2020. (ESCI, scopus)
30. D.V.N. Ananth , L.V. Suresh, & Sreedhar Madichetty, "The black-start capability improvement of VSC-based HVDC transmission system using fuzzy-adaptive PI controller", *International Journal Of Ambient Energy (Accepted May 2020)*, (Taylor & Francis Journal), (WoS Indexed)
31. D.V.N. Ananth , L.V. Suresh, & Sreedhar Madichetty "Independent Control of Active and Reactive Power for Grid Connected DFIG using Reference Power Based Improved Field Oriented Control Scheme", *International Journal Of Ambient Energy (Accepted Sept. 2020)* (Taylor & Francis Journal). (WoS Indexed)
32. Ananth, D.V.N., Joga Rao, G., and Venkatesh Gudela, S.N.M., "Type E Fault Performance Improvement of DFIG Using Lookup Table-Based Control Scheme", *Springer- Lecture Notes in Electrical Engineering 655*, pp. 191-199. (Scopus).
33. L.V. Suresh Kumar, D.V.N. Ananth, M premkumar and Ravipudi Sudhir, "Solar photovoltaics and Statcom for Power System Parameters Oscillation Damping and Stability Improvement", *Advances in Mathematics: Scientific Journal*, AOAOCEP-2020-003, (accepted, Sept-2020), (scopus)
34. Kumar, Lv Suresh, Dvn Ananth, M. Premkumar, And Ravipudi Sudhir. "Application Of Solar Photovoltaic And Statcom For Power System Oscillation Damping And Stability Improvement." *Advances in Mathematics: Scientific Journal*, 2020, 9(10), pp. 8153-8163. (scopus)
35. Lagudu, Suresh Kumar, Duggirala venkata Naga Nagaananth, and Sreedhar Madichetty. "Independent Control of Active and Reactive Power for Grid Connected DFIG using Reference Power Based Improved Field-oriented Control Scheme." *International Journal of Ambient Energy* (2020): 1-18. (Taylor & Francis Journal), (WoS Indexed)
36. Siddik Syed, G. JogaRao and D.V.N. Ananth, "Application of CUK and ZETA dc-dc choppers for power factor correction and power quality improvement of BLDC motor", *Int.l Jo. of Recent Technology and Engineering (IJRTE)*, Volume-9 Issue-2, July 2020, pp. 976-983. (Scopus).
37. K. RaviTeja, D.V.N. Ananth and G. JogaRao, "Modeling And Design of Cascaded H-Bridge Type Multi-Level Inverters Up To Thirty One Level For THD Reduction And Performance Improvement", *Int.l Jo. of Recent Technology and Engineering (IJRTE)*, Volume-9 Issue-2, July 2020, pp. 26-34. (Scopus).
38. D.V.N. Ananth, Naeem Hannon, Md. H.B. Jamaaludin, V.V.S.S. S. Chakravarthy, " Real-Time Power Quality Audit of Government Building – A case study in Compliance with IEEE 1159", *Journal of Computer Science and Technology*, Springer, 1666-6046, June 2021. (WoS).
39. Naeem M S, H., D.V.N. Ananth, Nabil Hiday, P.S.R. Chowdary, V. V. S. S. S. Chakravarth³, K. sivashankar and Suresh Chandra Satapathy, "A Common Capacitor Based Three Level STATCOM and Design of DFIG Converter for a Zero-Voltage Fault Ride-Through Capability". *IEEE Access*, Vol-9, 105153- 105179, Aug-2021. (WoS).
40. D.V.N. Ananth, T.VenkateswaraRao, "Torque Ripple Reduction Of A Brushless Dc Motor Using Y-Source Converter", *Journal of Engineering Research (JER)*, accepted on 2nd August-2021. (WoS).
41. D.V.N. Ananth, L. V. Sureshkumar and D.A. Tatajee, "Independent Real and Reactive Power Control for Single Stage H8 Transformer-less Solar PV Inverter." *Journal of Engineering Research (JER)*, accepted on 11th November-2021. (WoS).
42. Lagudu, V. Suresh Kumar, Duggirala Venkata Naga Ananth, and Sreedhar Madichetty. "Independent control of active and reactive power for grid connected DFIG using reference power based improved field-oriented control scheme." *International Journal of Ambient Energy* 43, no. 1 (2022): 3252-3265. (WoS).

43. Ananth, Duggirala Venkata Naga, V. Suresh Kumar Lagudu, and Sreedhar Madichetty. "The black-start capability improvement of VSC-based HVDC transmission system using fuzzy-adaptive PI controller." *International Journal of Ambient Energy* 43, no. 1 (2022): 2787-2795. (WoS).
44. Pavan Kumar, Yellapragada Venkata, Lagudu Venkata Suresh Kumar, Duggirala Venkata Naga Ananth, Challa Pradeep Reddy, Aymen Flah, Habib Kraiem, Jawad F. Al-Asad, Hossam Kotb, and Kareem M. Aboras. "Performance Enhancement of Doubly Fed Induction Generator–Based Wind Farms With STATCOM in Faulty HVDC Grids." *Frontiers in Energy Research* 10 (2022): 930268. (WoS).
45. Ananth, Duggirala Venkata Naga. "Torque ripple reduction of a brushless DC mo-tor using Y-source converter." *Journal of Engineering Research* 10, no. 4A (2022). (WoS).
46. D. V. N. Ananth, Naeem Hannon, Mohamed Shahrman Bin Mohamed Yunus, Mohamed Hanif B.Jamaaludin, V.V.S.S.Sameer Charavarthy, P.S.R. Satish Chowdary "Real-Time Power Quality Measurement Audit of Government Building – A case Study in Compliance with IEEE 1159" ACTA IMEKO ISSN: 2221-870X (Article in Press), March-2023. (WoS).

International Conference:

1. Performance evaluation of solar pv system using mppt algorithm with battery backup, "IEEE Conference in Florida May 7-10, 2012", (Transmission and Distribution Conference and Exposition (T&D), 2012 IEEE PES, Pages: 1-8. (WoS).
2. Enhancement In The Operation Of Wind Turbine Based Induction Generator By Using Fuzzy Logic Based Direct Torque Control, ICETEEEM Conference in AVIT College of Engineering, Tamil Nadu, IEEE conference in ICETEEEM- 2012, 13-14 Dec 2012, PP: 154-158 (WoS)
3. Improvement in the performance of induction machine by using fuzzy logic based direct torque control, ICETEEEM Conference in AVIT College of Engineering, Tamil Nadu, IEEE conference in ICETEEEM- 2012, 13-14 Dec 2012, 159-165. (WoS)
4. Application of Series Active Power Filter for power quality conditioning due to flickering and unbalanced loads, CERA-13 Conference IIT-Roorkee, 3-5 Oct. 2013.
5. Analysis of three phases four wire hysteresis current controller for unbalanced loads like dc motor and diode rectifier on different phases using DSTATCOM, D.V.N. Ananth et.al., INDICON-2013, IEEE Conference, IIT- Bombay, Dec 13-15, 2013. (WoS)
6. Analysis and design of enhanced real and reactive power control schemes for grid connected doubly fed induction generator, INDICON-2013, IEEE conference, IIT- Bombay, Dec 13-15, 2013. (WoS)
7. Enhancement in Dynamic and LVRT Behavior of an EFOC Controlled DFIG with Integrated Battery Energy Storage System", INDICON-2013, IIT- Bombay, Dec 13-15, 2013. (WoS)
8. Improved Internal Model Controller Design to Control Speed and Torque Surges for Wind Turbine Driven Permanent Magnet Synchronous Generator, Primeasia-2013, GITAM University, Dec 19-21, 2013. (WoS)
9. Sustainability of Wind Turbine based Doubly fed Induction Generator using Enhanced Field Oriented Control Technique, Springer/ Elsevier ICEE Conference-2014, JNTUH Hyderabad, Dec 15-17.
10. Intelligent Control of DFIG using Sensorless Speed Estimation and Lookup Table based MPPT Algorithm to overcome Wind and Grid disturbances, 4th International Conference on Frontiers in Intelligent Computing: Theory and Applications (FICTA 2015), Book: Chp: 61, Book ID: 338191_1_En, Book ISBN: 978-81-322-2693-2, pages: 711-725. (WoS)
11. 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, NTMRP Conference, GITAM University, Bangalore, India, Oct 7-8, 2016. (scopus)
12. Damping of Power System Oscillations and Control of Voltage Dip by Using STATCOM and UPFC Damping of Power System Oscillations and Control of Voltage Dip by Using STATCOM and UPFC, Joint ICAIECES-2017 & ICPCIT-2017, MITS, Madanapalle, April 27-29th 2017. (scopus)
13. Sustainable Operation of grid connected DFIG during Recurring Symmetrical Faults Using Fuzzy Controller, Joint ICAIECES-2017 & ICPCIT-2017, MITS, Madanapalle, April 27-29th 2017. (scopus)
14. Two area load frequency control for DFIG based wind turbine system using modern energy storage devices, Joint ICAIECES-2017 & ICPCIT-2017, MITS, Madanapalle, April 27-29th 2017. (scopus)
15. Performance of DFIG during symmetrical and asymmetrical grid faults with damping controller based SSSC, joint ICAIECES-2017 & ICPCIT-2017 conference, Madanapalle Institute of Technology & Science (MITS), Madanapalle, India during April 27-29th 2017. (scopus)
16. Ananth, D.V.N., Joga Rao, G., and Venkatesh Gudela, S.N.M., "Type E Fault Performance Improvement of DFIG Using Lookup Table-Based Control Scheme", ICMEET-2019, Raghu Inst. Of Technology, Vizag, , December 06-07, 2019. (SCOPUS).

17. D.V.N. Ananth, V Sureshkumar L, Manmadhakumar Boddepalli, "Design and Modeling of STATCOM and UPFC Devices for Power System Oscillations Damping and Voltage Compensation", ICCC 2020, EEE, AITAM Tekkali, June-12, 2020 accepted, August 8th presentation, Paper ID-123. (SCOPUS).
18. T.Venkateswara Rao, D.V.N. Ananth, "Torque Ripple Reduction of an Induction Motor using Sliding Mode Control and Y-Source DC-DC Converter Topology" ICET-2020, Energy Centre, MANIT, 27-28 August-2020. (ESCI/ SCOPUS).
19. D.V.N. Ananth, D.A. Tatajee, "Torque Ripple Reduction of a Solar PV Based Brushless DC Motor using Sliding Mode Control and H7 Topology", ICET-2020, Energy Centre, MANIT, 27-28 August-2020. (ESCI/ SCOPUS).
20. Ananth, D. V. N., L. V. Sureshkumar, and Manmadhakumar Boddepalli. "Modelling and Design of Static Compensator and UPFC Based FACTS Devices for Power System Oscillations Damping and Voltage Compensation." In *Intelligent Computing in Control and Communication*, pp. 357-371. Springer, Singapore, 2021. (SCOPUS).
21. Hannon, Naeem MS, P. S. R. Chowdary, D. V. N. Ananth, and V. V. S. S. S. Chakravarthy. "DFIG HVDC based wind farms system profile improvement under grid faults." In *2022 International Conference on Computing, Communication and Power Technology (IC3P)*, pp. 57-64. IEEE, 2022. (SCOPUS).

International Small or low Journals: total 43.

Ph.D Students guiding details: All seven students are from K.L. University, Vijayawada.

- 1) Venkateswara Rao Telu, 163060052, PE

Book Publications:

1. DTC ANN Control of Wind Turbine Induction Generator Set: Artificial Neural Network Based Direct Torque Control For Variable Speed Wind Turbine Driven Induction Generator, Duggirala Naga Ananth, LAP LAMBERT Academic Publishing (November 21, 2012), ISBN-10: 3659291293, ISBN-13: 978-3659291296
2. Intelligent Control of DFIG using Sensorless Speed Estimation and Lookup Table based MPPT Algorithm to overcome Wind and Grid disturbances, *Advances in Intelligent Systems and Computing*, Chapter 61, pages: 711-725.
3. Fuzzy Controller-Based Intelligent Operation of Grid-Connected DFIG During Recurring Symmetrical Faults, *Advances in Intelligent Systems and Computing*, ISBN:3319459902 9783319459905.

Membership in Professional Bodies

1. Member of IEEE PES Society - 92170202
2. Associate Member of Institute of Engineers India- AM099862-4
3. Chartered Engineer- Institute of Engineers- AM099862-4
4. Reviewer for IEEE Power Engineering Society, IET Renewable Power Generation, Elsevier Editorial System for Solar Energy, Taylor & Francis for Electric Power Components and Systems
5. IEEE GOLD member 2012

Educational Project Experience

- | | |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|
| M.Tech Academic Project 1 | Nov2007- June2008 |
| Title: "Study Based on Relative Electrical Distances and Load Modeling in Generation Scheduling and Voltage Stability". | |
| M.Tech Academic Project 2 | May-Nov 2007 |
| Title: A Mamdani based Fuzzy Logic control for STATCOM | |

M.Tech Students guided -25 students

Honors and Activities

- Best Research Scholar Award by DKIRF, Tamil Nadu, 30-Dec-2018.
- BEST paper award in joint ICAIECES-2017 & ICPCIT-2017 conf., MITS April 27-29, 2017.
- BEST paper award in NTMRP Conference, GITAM University, Bangalore, India, Oct 7-8, 2016
- BEST poster award in ICEE Conference at JNTUH, Hyderabad, Dec 15-17, 2014.
- BEST paper award in PRIMEASIA Conference at GITAM University, Dec 19-21, 2013.
- BEST TEACHER Award in September 2012 from VITAM College of Engineering.
- IEEE GOLD MEMBER, May-2012 at ORLANDO, FLORIDA, USA
- Student member of IEEE 2006-2008 and IEEE member in Power System & Power Electronics.

- Best project submitted by a student of M.Tech compared to previous submissions.
- International/ National advisory committee member, IC3P-2022, Raghu Institute of Technology, 7-8- Jan-2022

Motivation, teaching and research interests

I have been in electrical maintenance engineering and teaching of Electrical Engineering for the past 11 and half years, driven by intense passion for teaching and research, over 8 years. Along with I have been guiding 21 M.Tech students in the area of power systems and power and industrial drives.

Teaching and Research interests

My teaching interests are mainly in the areas of fundamental courses of Electrical Sciences and in Power Engineering. My teaching and research areas of interest are Electrical Machines, Non conventional energy sources, power quality, FACTS technology, Power System Dynamics, HVDC and power systems, Neural Networks and Fuzzy Logic, power electronics, industrial drives.

Place: Visakhapatnam

Dr. D.V.N. Ananth