Dr. P.Nagasekhar Reddy
Associate Professor & Deputy In-Charge, AES

Education Qualifications: Doctor of Philosophy
(Electrical and Electronics Engineering)

Specialization: Power and Industrial Drives

ADDRESS:
- E – Block -Room No : 602

JNTUH ID:

05150406-114345

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pnsreddy_eee@mgit.ac.in

DATE OF JOINING:
16-02-2004

EXPERIENCE - 18 Years
- Teaching - 11
- Research -7
- Industry -
- Others –

SUMMARY:
- Publications -45
- Conferences - 3
- Patents – 3
- Books – 2
- Honors/Awards - 1

EVENTS:
- Organized - 11

Membership of Professional Bodies:

1. Indian Society for Technical Education(ISTE) - LM-78352
2. The Institution of Engineers(India)(IE) - M-1685389
3. Indian Red Cross Society
4. Solar Energy Society of India
5. International Association of Computer Science and Information Technology(IACSIT) – 80343994
6. International Association of Engineers(IAENG) - 119472

Responsibilities Held at Institution Level:

1. Deputy In-Charge, Academic and Examination Section
2. Member, IQAC
3. Member, Anti-Ragging Committee

Responsibilities Held at Department Level:

1. PG Coordinator, Power Electronics and Electrical Drives
2. In-Charge, Department Budget
3. In-Charge, Stock Registers
4. In-Charge, Electrical Systems Simulation Lab
5. Coordinator, NBA
6. Coordinator, NAAC
7. Coordinator, Autonomous
8. Member, BoS, EEE

Honors/Awards Received:

1. Best Senior Faculty Award 2021 - 2022 from the Novel Research Academy, Pondicherry, India

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Electrical Machines-I, Static Drives, Electrical Technology, Power Semiconductor Drives, Power Systems-I, Basic Electrical and Electronics Engineering, Electrical Engineering, Power Systems-II,

- **PG:** Power Electronic control of AC Drives, Industrial Electrical and Electronics ,Power Electronic control of DC Drives, Electrical Drives, Power Electronics Converters

Publications:

1. Areddy Meghana, Dr.P.Nagasekhar Reddy and Dr.P.Ram Kishore Kumar Reddy"
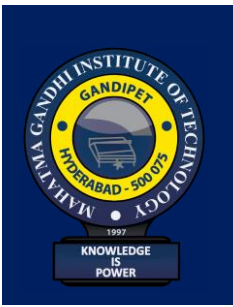
Comparative Analysis of SVPWM Based PMSM Using Model Reference Adaptive System" , Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 9, August 2021: 1924 – 1934

2. Dr. P. Nagasekhar Reddy, D. Harsha, C. Harish, "A Real Time and Development Integration of Renewable Sources of Energy into Power Grid Application, Design Engineering, Issue: 6 , Year 2021, Pages: 2101 – 2111, 2021

3. P.Nagasekhar Reddy, "Modeling and simulation of predictive torque control of induction motor drive, Journal of Information and Computational Science, Volume 11 Issue 6 – 2021.

4. **P.Nagsekhar Reddy, "**A maximum power point tracking technique for single-phase photovoltaic systems with reduced dc-link capacitor", GORTERIA JOURNAL, VOLUME 34, ISSUE 5 – 2021

5. Dr.P.Lakshmi Supriya, Mr.G.Arun Kumar, Dr.P.Nagasekhar Reddy, Dr.P.Ram Kishore Kumar Reddy, "Advanced control scheme for LCL type grid connected inverter topology, INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR), , VOLUME-8, ISSUE-6, 2021.

6. **B.Satyavathi, P.Nagsekhar Reddy,** "MRAS based sensorless stator field oriented direct torque control of induction motor based on fuzzy logic regulation", Aut Aut Research Journal, Volume 7, Issue 12, December 2020.

7. **P.Nagsekhar Reddy,** "Hybrid PWM Algorithm based Direct Torque Controlled Induction Motor Drive for reduction of ripples and Harmonic Distortion", Journal of Shanghai Jiaotong University, Volume 17, Issue 5, April – 2021

8. **P.Nagsekhar Reddy,** "Decoupled Space Vector based PWM Algorithm for Open-end winding Induction Motor Drive, Aut Aut Research Journal, Volume XI, Issue IV, April/2020.

9. **P.Nagsekhar Reddy, C. Sucharitha**, " Realization of Hybrid Grid with Photovoltaic Cell and Fuel Cell system using Simulink, Aut Aut Research Journal, Volume XI, Issue IV, April/2020

10. **P.Nagsekhar Reddy,** "Dynamic Response of Doubly Fed Induction Generator connected to wind system under unbalance condition, Science, Technology and Development, Volume IX Issue IV APRIL 2020.

11. **P.Nagsekhar Reddy, Areddy.Meghana** " Modeling and analysis of speed control of permanent magnet synchronous motor drive, Journal of Xi'an University of Architecture & Technology, Volume XII, Issue III, 2020

12. **P.Nagsekhar Reddy, "**Sensorless direct torque control of induction motor with MRAS and extended kalman filter", International Journal of Management, Technology And Engineering, Dec 2018.

13. **P.Nagsekhar Reddy, "**Realization of hybrid grid with photovoltaic cell and wind energy system using simulink", International Journal of Management, Technology And Engineering, Dec 2018.

14. **P.Nagsekhar Reddy, "**Generalized scalar PWM algorithms for direct torque control of ac drives in over modulation index", INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR), Dec 2018.

15. **P.Nagsekhar Reddy,**" Generalized scalar PWM algorithms for direct torque control of ac drives in linear modulation", International Journal of Management, Technology And Engineering, Dec 2018.

16. **P.Nagasekhar Reddy,** "state space modeling and simulation of dc-dc converters using Simulink" Volume 5, Issue 5, JETIR, May 2018.

17. **P. Nagasekhara Reddy,** Digital Simulation and Analysis of Sliding Mode Controller for DC-DC Converter using Simulink "International Journal of

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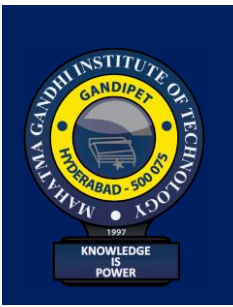
- Teaching - 11
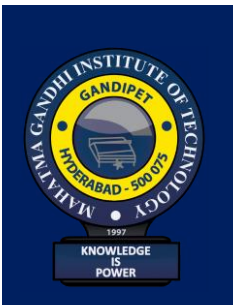- Research -7
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- Publications -45
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Engineering and Management Research" Volume-7, Issue-3, May-June 2017

18. **P.Murali, Dr. P. Nagasekhar Reddy,** Sensorless Control of Induction Motor Drive Using Direct Synthesis for Low Speed "International Journal of Emerging Science and Engineering (IJESE)" , Volume-3 Issue-3, January 2015.

19. **G.Archana, Dr. P. Nagasekhar Reddy,** A Novel PWM based Direct Torque Control of Induction Motor Drive **"**International Journal of Advanced Technology in Engineering and Science" Volume No.02, Issue No. 12, December 2014.

20. **G. Nikhil Babu, Dr. P. Nagasekhar Reddy,** Digital simulation of multilevel inverter fed induction motor drive "International Journal of Advanced Technology in Engineering and Science (IJATES)", Volume No.02, Issue No. 12, December 2014.

21. **Dr. P. Nagasekhar Reddy,** "performance analysis of indirect vector control of induction motor drive using fuzzy logic controller" International Journal of Engineering Sciences & Research Technology (IJESRT), volume 3, Issue 4, April 2014.

22. **Dr. P. Nagasekhar Reddy,** "Simulation and Analysis of Fuzzy Logic based Unified Power Flow Controller connected to Transmission Line" International Journal of Engineering Sciences & Research Technology (IJESRT), volume 3, Issue 3, March 2014.

23. *P. Nagasekhar Reddy, "* speed control of induction motor drive based on indirect vector control using PI controller" International Journal of Engineering Sciences & Research Technology(IJESRT), volume 2, Issue 12, December 2013.

24. *P. Nagasekhar Reddy, "*A Novel Direct Torque Control scheme for induction motor drive for reduction of common mode voltage" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol. 2, Issue 10, October 2013.

25. *P. Nagasekhar Reddy, "* Digital Simulation of Conventional Direct Torque Control of Induction Motor Drive with reduced flux and torque ripples" International Journal of Engineering Sciences & Research Technology, volume 2, Issue 10, October 2013

26. *P. Nagasekhar Reddy, "* Modeling and Analysis of PI controller based speed control of Brushless DC Motor Drive" International Journal of Engineering Sciences & Research Technology(IJESRT), Volume 2, Issue 9, September 2013.

27. *P. Nagasekhar Reddy "*Modeling and Simulation of Space Vector Pulse Width Modulation based Permanent Magnet Synchronous Motor Drive using MRAS" International Journal of Science and Modern Engineering (IJISME), Volume-1, Issue-9, August 2013.

28. *P. Nagasekhar Reddy "*Microcontroller Based Speed Control of Induction Motor using Wireless Technology" International Journal of Emerging Science and Engineering (IJESE), Volume-1, Issue-9, July 2013.

29. *P. Nagasekhar Reddy, J. Amarnath, P.Linga Reddy, "*Simplified and innovative hybrid random PWM Algorithm for DTC-Induction motor drive for reduced noise" Journal of Electrical Engineering : Volume 13 /(July-August) 2013 - Edition:2.

30. R.Murali, **P. Nagasekhara Reddy**, B. Asha Kiran "Power Quality Enhancement of Distributed Network fed with Renewable Energy Sources based on Interfacing Inverter" International Journal of Recent Technology and Engineering (IJRTE), Volume-2, Issue-2, May 2013.

31. P.Ram Kishore Kumar Reddy, **P. Nagasekhara Reddy,** M. Ramachandra Rao,

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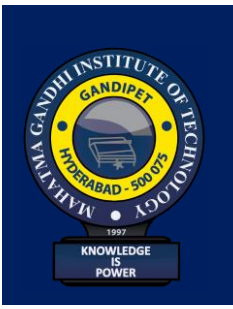- Research -7
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- Others –

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- Publications -45
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" Sizing of a Right BLDC Motor for CNC Feed Drive" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-2, Issue-6, May 2013.

32. **P. Nagasekhar Reddy,** J. Amarnath and P. Linga Reddy, "simple and novel hybrid random PWM algorithm for DTC-Induction motor drive for reduced acoustical noise" Acta Electrotechnica et Informatica, Vol. 12, No. 4, (December) 2012, 69–75.

33. **P. Nagasekhar Reddy,** J. Amarnath and P. Linga Reddy, "A family of variable delay random PWM algorithms for direct torque controlled induction motor drives for reduced harmonic distortion and acoustical noise" *Journal of Electrical Engineering*,Volume12/**(November-December)** 2012-Edition-3.

34. **P. Nagasekhar Reddy,** J. Amarnath and P. Linga Reddy, "Simplified Space Vector Based Discontinuous Variable Delay Random PWM Algorithms for Reduced Total Harmonic Distortion in Induction Motor Drive" *International Conference on Information Technology, Electronics and Communications*, Volume1, Issue1, August 2012, PP. 8-21.

35. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "Simplified Space Vector PWM Algorithm Based Direct Torque Control of Induction Motor Drive" *International Journal of Applied Engineering Research,* Volume 6, Number 18 **(November)** (2011), pp. 2169-2180.

36. **P.Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "Space Vector Based Dual Zero-Vector Random Centered Distribution PWM Algorithm for Direct Torque Control of Induction Motor Drive for Reduced Acoustical Noise" *Control Theory and Informatics, Vol 1, No.2, (November) 2011,pp. 14-28*.

37. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "Simplified Hybrid Random PWM Algorithm for Direct Torque Controlled Induction Motor Drives" Acta Electrotehnica, Volume 52, Number 3, **(October)** 2011.

38. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "space vector based variable delay random PWM algorithm for direct torque control of induction motor drive for harmonic reduction" *International Journal of Advances in Engineering & Technology,* Vol. 1, Issue 4, pp. 168-178, Sept 2011.

39. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "Random Zero Vector Distribution PWM Algorithm for Direct Torque Control of Induction Motor Drive for Noise Reduction" *Innovative Systems Design and Engineering,* Vol 2, No 3, **(August)** 2011.

40. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy, "Space Vector Based Hybrid Random PWM Algorithm for DTC-IM Drive To Achieve Superior Waveform Quality" *Innovative Systems Design and Engineering,* Vol 2, No 3, **(August)** 2011.

41. **P. Nagasekhar Reddy**, P. Linga Reddy and J. Amarnath, "Simplified Random Zero State Distribution PWM Based Direct Torque Controlled Induction Motor Drive For Reduced Harmonic Distortion*" International Journal of Advances in Science and Technology,* Vol. 2, No. 6, **(June)** 2011.

42. **P. Nagasekhar Reddy**, T. Bramhananda Reddy, J. Amarnath and P. Linga Reddy, "Two-Phase Dual Zero-vector Random Centered Distribution PWM Algorithm Based Direct Torque Controlled Induction Motor Drive for Reduced Harmonic Distortion" *International Review on Modelling and Simulations (I.RE.MO.S.),* Vol. 4, n. 3, June 2011.

43. **P. Nagasekhar Reddy**, J. Amarnath and P. Linga Reddy," Modelling and

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Design of SVPWM based DTC Induction Motor Drive" *International Journal of Engineering Research and Technology,* Volume 4, Number 4 **(June-July)** (2011), pp. 365-372.

44. **P. Nagasekhar Reddy**, P. Linga Reddy and J. Amarnath, "An Efficient Variable Delay Random PWM Algorithm based Direct Torque Controlled Induction Motor Drive for Noise Reduction" *ICGST-ACSE Journal,* Volume 11, Issue 1, June 2011.

45. **P. Nagasekhar Reddy**, P. Linga Reddy and J. Amarnath, "Sensorless Control of Induction Motor using Simulink by Direct Synthesis Technique" *International Journal of Electrical Engineering,* Volume 4, Number 1 **(January-June)** (2011), pp.23-32.

Conferences:

1. Dr.P.Nagasekhar Reddy and Kasoju Bharath Kumar "Digital Simulation of Doubly Fed Induction Generator Connected to Wind System", EEE, MGIT, Hyderabad, February 28th -29th 2020.

2. P. Nagasekhar Reddy, P. Linga Reddy, and J. Amarnath, "Simplified Space Vector Based Discontinuous Variable Delay Random PWM Algorithms for Reduced Total Harmonic Distortion in Induction Motor Drive" International Conference on Information Technology, Electronics and Communications (ICITEC – 2011) Hyderabad, India, November 29-30, 2011, pp.116-124.

3. P. Nagasekhar Reddy, J. Amarnath and P. Linga Reddy, "Hybrid Random PWM Algorithm for Direct Torque Controlled Induction Motor Drive for Reduced Harmonic Distortion" INDICON 2011, IEEE conference, Bits-Pilani, 16th-18 December, 2011, Hyderabad.

Patents:

1. Patent on "Development of Android based On-line monitoring and Control System for Rrenewable Energy Sources" , ISSUE NO: 5/2022, Dt: 04/02/2022, App.No: 202141058938 A

2. Patent on "IOT Based Proportional-Integral Sliding Mode Direct Power Control of Double fed Induction Generator Wind Turbine", ISSUE NO. 05/2021, Dt: 29/01/2021, App.No: 202141003295 A

3. Patent on "IOT Based Smart Energy Management System with Surveillance for Automation Devices", Issue-35/2020, Dt: 28.08.2020, App.No: 202021033500 A

Research & Consultancy:

1. -

No. of Books/Chapter Published with details:

1. Published Book on " Continuous PWM Algorithms for Direct Torque Control of Induction Motor", IN SEPTEMBER,2018, BY LAP LAMBERT Academic publishing, Germany, ISBN: 978-613—9-84211-7

2. Published Book on ""Direct Torque Control of Induction Motor using Random PWM Algorithm" in SEPTEMBER,2014, by LAP LAMBERT Academic publishing, Germany, ISBN: 978-3-659-60637-3

Events Organized:

Conferences:

1. Organized National Conference on "Recent Trends in Electrical Engineering,", on February 28th -29th 2020.

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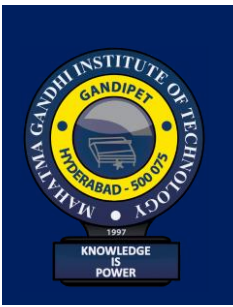
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- Others –

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EVENTS:
- Organized - 11

FDPs/STTPs:

1. One-week Online International FDP on "Relevance of Mathematics to Core-Engineering Sciences" from 12.10.2020 - 16.10.2020

2. A One Week Online Faculty Development Program on "Real Time Aspects of Power System Scenario" from 06.07.2020 to 10.07.2020.

3. A One week Faculty Development Program on Recent Advances in Electrical Engineering from 26th to 31st December 2011.
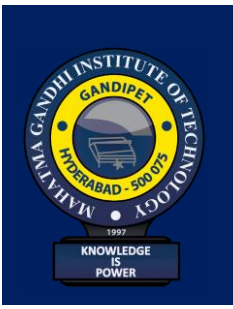
Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. A Webinar on "Magnetic Levitation and High Speed Trains" held on 01-07-2020 Organized by Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.

2. A webinar on Solutions to the challenges in Electric Vehicle in association with Entuple Technologies, Hyderabad on 14.12.2021.

3. Organized Two-Day Training Programme on " MATLAB and SIMULINK " from 01-04-2019 and 02-04-2019 by M/S.Capricot Technologies Pvt Ltd, Hyderabad

4. A Three Day annual cultural festival NIRVANA-18 to be held on 26th to 28th February 2018

5. Organized Siemens Training program on " AC Motors" from 11th to 16th March, 2013

6. Convener for Two-Day National Level Technical Symposium for "POTENZIA-09" organized from February 20th and 21st 2009.

7. Convener for Two-Day National Level Technical Symposium for "POTENZIA-08" organized from 28th and 29th March 2008.

Events Attended:

FDPs/STTPs:

1. Online National Level Faculty Development Program (FDP) On OUTCOMES-BASED TEACHING, ASSESSMENTS And EVALUATION organized by Inpods India Private from 06-10-2021 to 08-10-2021

2. One Week Virtual Faculty Development Program (FDP) on "Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles" (RCOSGIEV-2021)" from 08-10-2021 to 12-10-2021

3. Online National Level Short Training Program (STTP) on Outcomes-Based Teaching, Assessments and Evaluation, Jointly organized by NBN Sinhagad School of Engineering, Pune and Inpods Inc., USA from 2nd – 4th August 2021.

4. Five Day Faculty Development Program on "EMERGING TECHNOLOGIES IN AUTOMOTIVE INDUSTRY" from 16.08.2021 To 20.08.2021

5. A One Week National Level Online Faculty Development Program on RECENT TRENDS IN ELECTRICAL ENGINEERING organized by Department of Electrical and Electronics Engineering of Geethanjali Institute of Science and Technology,Nellore from 16-08-2021 to 23-08-2021.

6. 5-Day FDP on "Fuel powered, Hybrid Electric and Modern Vehicles organized by Department of Automobile Engineering, VNRVJIET, Hyderabad from 19.07.2021 To 24.07.2021

7. FDP on Sustainable Technologies for Electric Transportation Systems By GRIET from 14.06.2021 To 26.06.2021.

8. Virtual Faculty Development Program on "Futuristic Trends in Electrical Engineering: A Research Perspective" jointly organized by Department of Electrical and Electronics Engineering and Internal Quality Assurance Cell (IQAC) in association with R & D Cell by Karpaga Vinayaga College of Engineering and Technology from 22.02.2021 to 27.02.2021.

9. 5 days Research Conclave on Power Electronics by Department of Electrical and Electronics Engineering, New Horizon College of Engineering from 25.01.2021 to 29.01.2021.

10. AICTE sponsored Slot III Six Days Online Short Term Training Programme on "IoT based Control Strategies for AC/DC Microgrids in Smart City Implementation by Sri Ramakrishna Engineering College, Coimbatore from 18.01.2021 to 23.01.2021

11. 5 Days FDP on "Research at A Glance: Current Protocols on Sinhgad Institutions organized by Lonavala, Maharastra from 18.01.2021 to 23.01.2021.

12. AICTE Margdarshan Online FDP on Outcome Based Education and Research Methodologies organized by Department of Civil Engineering, GRIET from 21-12-2020 to 27-12-2020.

13. Seven days Faculty Development Programme (FDP) on Recent Advancements in Electric Vehicle Technologies from organized by SRM Institute of Science and Technology, Chennai from 08.12.2020 to 14.12.2020.

14. FDP on Advanced Level of Outcomes Based Education organized by Inpods from 04.11.2020 to 06.11.2020

15. National Level Faculty Development Programme on Digital Tools for e-Teaching organized by Department of Chemistry, Kongu Engineering College Perundurai, Erode from 03.11.2020 to 05.11.2020.

16. one week online AICTE sponsored STTP from on "RECENT DEVELOPMENTS AND ENTREPRENEURSHIP IN SUSTAINABLE GREEN ENERGY TECHNOLOGIES AND SMART GRIDS" organized by Department of EEE, B. V. Raju Institute of Technology, Narsapur. From 19.10.2020 to 24.10.2020.

17. One-week Online International Webinar/FDP on RELEVANCE OF MATHEMATICS TO CORE-ENGINEERING SCIENCES organized by DEPARTMENT OF M&H, CSE & Other Core Branches of Engineering, MGIT from 12.10.2020 - 16.10.2020.

18. FDP on Outcomes-based Education is organised by inpods in collaboration with IQAC organized by PVG'S College of Engineering and Technology, Pune from 06.10.2020 to 08.10.2020.

19. One Week Online Faculty Development Program (FDP) on " Outcome Based Education and Accreditation" organized by ISTE TELANGANA SECTION in association with JNTUH College of Engineering, Jagtial; MGIT and Swecha from 05.10.2020 to 09.10.2020.

20. One Week Online AICTE sponsored STTP (Phase-II) on "Automotive Technology for a Sustainable Future" organized by Department of EEE, GRIET, Hyderabad from 05.10.2020 to 10.10.2020.
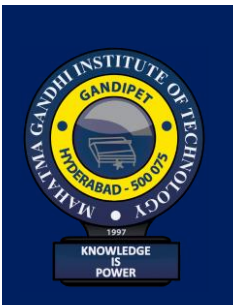
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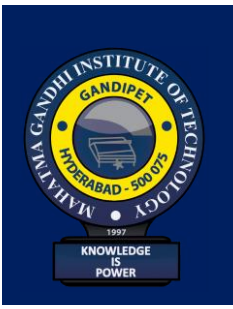- Teaching - 11
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21. Three days FDP on Intellectual Property Rights Emphasis on Patent Drafting and Research Innovation organized by Sri Venkateshwaraa College of Engineering & Technology, Ariyur, Puducherry, from 23.09.2020 25.09.2020.

22. Faculty Development Program on" Industrial Automation using PLC and SCADA with Internet of Things" organized by Vellore Institute of Technology, Chennai from 21.09.2020 to 25.09.2020.

23. One Week AICTE Sponsored Online Short Term Training Program (STTP) on "Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges" organized by Dept of MCTEEE, MGIT, Hyderabad from 24.08.2020 to 29.08.2020.

24. Five days STTP on "Recent Trends and Challenges in Smart Grid Technology organized by Sri Ramakrishna Engineering College, Coimbatore from 17.08.2020 to 21.08.2020.

25. A one week online Faculty Development Program on Advanced Optimization Techniques for Research Problem Solving organized by Department of Mechanical Engineering, Mahatma Gandhi Institute of Technology from 04.08.2020 - 08.08.2020.

26. AICTE Sponsored Short Term Training Program on Challenges in Electric Vehicular Battery Charging & Grid Integration Issues organized by Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal from 03.08.2020 - 08.08.2020

27. One week FDP (Webinar Series) on Recent Developments in Solar Energy Recovery and storage Technologies organized by St.Joseph's College of Engineering, Chennai. From 03.08.2020 to 08.08.2020.

28. AICTE Sponsored Phase-I Online STTP on "Machine Learning and IoT for Industrial Application" organized by Dr.N.G.P Institute of Technology, Coimbatore, Tamil Nadu from 27.07.2020 to 01.08.2020.

29. A one week Faculty Development Program on Recent Advances in Renewable Energy & Energy Efficiency Technologies organized by dept of Mechanical Engineering, MGIT from 21.07.2020 to 25.07.2020.

30. Online FDP on Electric Vehicles Design, Development & Challenges " organized Department of Electrical & Electronics, Sridevi Women's Engineering College from 15.07.2020 to 21.07.2020.

31. A One Week Online Faculty Development Program on "Real Time Aspects of Power System Scenario" organized by Department of EEE, MGIT from 06.07.2020 to 10.07.2020.

32. One Week National Level Online FDP on "Recent Advances in Electrical Engineering" organized by Department of EEE, VEMU Institute of Technology from 03.06.2020 to 07.06.2020.

33. A 5 Day FDP on Technological Advances in Power switching converters for Renewable Energy Sources and Fuel Cell Technology for E-Vehicles organized by Bapatla Engineering College from 01.06.2020 to 05.06.2020.

34. Online Faculty Development Program on Real Time Hardware-in-the-Loop (HIL) Simulation for Power Electronics & Power Systems" organized by Anurag university, Hyderabad from 27.05.2020 to 29.05.2020.

35. Online Faculty Development Program On Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters For Smart World organized by St. Joseph's College of Engineering, OMR, Chennai from 18.05.2020 to

22.05.2020.

36. Online FDP on Research Opportunities in Electrical Engineering and it's Applications organized by P.S.R Engineering College, Sivakasi from 18.05.2020 to 23.05.2020.

37. Attended Online Two Day FDP on Research Paper and Project Proposal Writing organized by Sree Vidyanikethan Engineering College, Dept of EEE., Tirupathi from 15.05.2020 to 16.05.2020.

38. AICTE Margdarshan FDP on Art of Writing Papers and Research Methodologies organized by GRIET, Hyderabad from 07-05-2020 to 13-05-2020

39. A Two Day Online Workshop on "Online Tools and Software for Remote Teaching-Learning" organized by UGC-HRDC,JNTUH, Hyderaba from 24-04-2020 to 25-04-2020.

40. Completed Mathworks Onramp Training on Deep Learning Onramp Course organized by Mathworks from 17.05.2020 to 21.05.2020.

41. Completed Math work self-paced Online Training course on "MATLAB Onramp" organized by Mathworks from 24.04.2020 to 29.04.2020.

42. Completed Math work self-paced Online Training course on "Teaching with MATLAB" organized by Mathworks from 10.04.2020 to 15.04.2020.

43. ISTE-SRM Short Term Training Program (STTP) on Mechatronics organized by MGIT, Hyderabad from 05.05.2014 to 10.05.2014.

44. ISTE Sponsored STTP-Refresher Course on " Application of power Electronics to Power Systems" organized by CBIT, Hyderabad from 25.11.2013 to 06.12.2013.

45. Faculty Development Programme (FDP) in ENTREPRENEURSHIP organized by MGIT, Hyderabad from 22.04.2013 to 04.05.2013.

46. Faculty Development Program on Teaching, Learning Research in Engineering & Technology organized by MGIT, Hyderabad from 30.07.2012 to 03.08.2012.

47. Faculty Development Program on Simulation of Power Electronics & Drives organized by G. Pulla Reddy Engineering College, Kurnool from 29.11.2012 to 01.12.2012.

48. Faculty Development Program on Recent Advances in Electrical Engineering organized by MGIT, Hyderabad from 26.12.2011 to 31.12.2011.

49. Faculty Development Program on Simulation of Power Electronics & Drives organized by G. Pulla Reddy Engineering College, Kurnool from 20.06.2011 to 25.06.2011

50. Faculty Development Program on Simulation of Electrical Systems using MATLAB organized by G. Pulla Reddy Engineering College, Kurnool from 01.12.2010 to 03.12.2010.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. AICTE-ISTE approved Orientation / Refresher Programme on "Real Time Aspects of Automation in Industry -Need of the Hour" held during 03.01.2022 to 08.01.2022 by G.Pulla Reddy Engineering College, Kurnool from 03.01.2022 to 08.01.2022

2. 30 DAYS RENEWABLE ENERGY SYSTEM DESIGN MASTER CLASS by Pantech solutions from 17.10.2021 to 16.11.2021

ADDRESS:
- E – Block -Room No : 602

JNTUH ID:

05150406-114345

EMAIL:
pnsreddy_eee@mgit.ac.in

DATE OF JOINING:
16-02-2004

EXPERIENCE - 18 Years
- Teaching - 11
- Research -7
- Industry -
- Others –

SUMMARY:
- Publications -45
- Conferences - 3
- Patents – 3
- Books – 2
- Honors/Awards - 1

EVENTS:
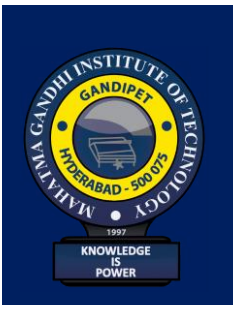- Organized - 11

3. 30 Days Master Class EV Design Using MATLAB by Pantech Solutions from 23.08.2021 to 21.09.2021

4. International Online Workshop on "MATLAB Applications in Industry 40 by NITTTR, Chennai from 12.08.2021 & 13.08.2021

5. Attended more than 70 webinars in various emerging technologies of Electrical and Electronics Engineering and other core engineering areas.

Online Certifications:

1. Certification on "Learn to Design your own Solar Home System" as a part of Energy Literacy Drive of the Energy Swaraj Foundation organized by Part of Energy Literacy Drive of the Energy Swaraj Foundation in association with MGIT on 01.08.2020.