

Name of Faculty M THIRUPATHAIAH
 Designation Assistant Professor
 Nature of Job/Appointment Regular



Date of Joining 27-07-2009

E-mail thirupathaiiah_eee@cbit.ac.in

Education Qualifications	Name of the Degree	Class
PG	M. Tech.	First
UG	B. Tech.	First

Work Experience

Teaching	15 Years
Research	--
Industry	--
Others	--

Area of Specialization Power Systems

Professional Memberships --

Responsibilities held at Institution Level

1. Faculty Advisor, EWB-CBIT Student Chapter, from 12-12-2016 to till date.

Responsibilities held at Department Level

1. NAAC Coordinator
2. In charge -Timetables
3. In charge - Industrial visits
4. In charge - Alumni
5. Member - Course Expert Group

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.

PG:
 HVDC Transmission, Power Quality

UG:
 HVDC Transmission, Electrical Machines-I, Basic Electrical Engineering, Power Systems-I, Electrical Circuits-I, High Voltage Engineering, Renewable Energy Sources, Utilization of Electrical Energy, Power Electronics, Electrical Distribution Systems

No. of Papers Published National Journals – 01 International Journals – 03

National Conference – 03 International Conference – 03

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details

1. Participated in AICTE sponsored one week online STTP on “Recent Advances in EV Technologies”, organized by Department of EEE, Matrusri Engineering College during 17th May to 22nd May 2021.
2. Organized a Two days workshop on “Applications of AI Techniques to Power System problems” in association with Pantech E learning at Department of EEE, CBIT during 01.05.2021 to 02.05.2021.
3. Participated in National level online Seminar on “Implementation on National Education Policy-2020” on 31-03-2021, organized by Department of Computer Science Engineering, JNTUH College of Engineering Jagtial in collaboration with AICTE & ISTE.
4. Participated in AICTE sponsored QualityImprovement

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (**Attended and/or Organized**).

- Programme (QIP) short-term course on "Smart Grid: Monitoring, Protection and Control" organized via online mode during 15-03-2021 to 19-03-2021 by the Department of Electrical Engineering, Indian Institute of Technology Roorkee.
5. Participated in "Smart City: Recent Developments in Smart City (SMART-2020)" Organized by Department of Electrical and Electronics Engineering in association with AICTE, New Delhi conducted from 22nd to 27th February 2021 at Sri Siddhartha Institute of Technology, Tumakuru, Karnataka, India.
 6. Participated in AICTE Sponsored STTP (Series - IV) on the title "Recent Advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Stations and Energy Management using Internet of Energy" organized by Department of Electrical and Electronics Engineering from 24-08-20 to 29-08-20.
 7. Participated in AICTE Sponsored STTP (Series - II) on the title "Recent Advancements in Integration of Distributed Energy Resources for
 8. Electric Vehicle Charging Stations and Energy Management using Internet of Energy" organized by Department of Electrical and Electronics Engineering from 03-08-20 to 08-08-20.
 9. Attended one week online Short Term Training Program on "Optimal Operation of Power System incorporating Renewable Energy Sources" organized by Department of EEE, Sagar Institute of Research and Technology, Bhopal during 27th July to 1st August 2020.
 10. Participated and successfully completed the AICTE sponsored Six day online Short Term Training Program (STTP) on "Novel Design and Control Strategies and Innovative Technical Practices in LV/HV Modern Switchgear" from 15.07.2020 to 21.07.2020 organised by Department of EEE, Saranathan College of Engineering, Tiruchirappalli, Tamil Nadu.
 11. Participated in Online FDP on "AI Techniques to Electrical Engineering" held from 06/07/2020 to 10/07/2020 organized by UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, T.S.
 12. Participated in one week online FDP on "Design of Solar PV System Using PVSYST Software" organized by EEE Department, Vaagdevi College of Engineering from 9th to 13th June 2020.
 13. Participated in one week Online Short Term Course on "Soft Computing Techniques – Renewable and Electrical Systems" organized by HRDC, JNTU Hyderabad from 01-06-2020 to 06-06-2020.
 14. Participated in one week faculty Development Programme on "Promoting Quality Culture in Technical Institutions" from 25th to 29th May 2020, organized by Internal Quality Assurance Cell Under 'UGC Paramarsh Scheme', AISSMS College of Engineering.
 15. Participated in one week faculty Development Programme on "Research Opportunities in Electrical Engineering and its Applications" organized by Department of Electrical and Electronics Engineering, PSR Engineering College, Sivakasi from 18-05-2020 to 23-05-2020.
 16. Attended one week online Faculty Development Programme on "Outcome Based Education: A Step Towards Excellence" organized by Government College of Engineering, Karad from 11-15 May 2020 under Margadarshan Scheme of AICTE, New Delhi
 17. Participated in National Faculty Development

Webinar Programme on "Micro-Controller Based Embedded System Design" organized by Department of Electrical Engineering, Dumka Engineering College from May 04, 2020 to May 08, 2020.

18. Participated in AICTE sponsored Two Week FDP on "Power Converters, Control and Grid Integration of Renewable Energy Sources" at SSN College of Engineering, Chennai during Nov. 15- 29, 2017.
19. Attended Refresher Course (Three Week) in "Electronics, Electrical & Communications Engineering" at HRDC, University of Hyderabad during Feb. 2 to 22, 2017.

Details of Journal Publications/ Conferences (**National and International**)

International/National Journal

1. M Thirupathaiah, "Enhancement of Power Quality in a Wind Energy system by using STATCOM", Journal of Interdisciplinary Cycle Research, Volume XIII, Issue VI, June 2021, pp. 1012-1025.
2. M Thirupathaiah, "Control of Standalone Wind energy conversionsystem using Pitch controlTechnique ", International Journal of Innovative Science, Engineering & Technology (IJSET), Vol. 8 Issue 6, June 2021, pp. 144-154, ISSN (Online) 2348 - 7968 I Impact Factor (2020) - 6.72
3. M Thirupathaiah, et.al "Performance Evaluation of Modified SEPIC converter for Renewable Applications" Proteus Journal, Volume 12 Issue 4 2021, pp. 54-61, ISSN/eISSN: 0889-6348.
4. M Thirupathaiah, " Design and Implementation of Solar based DC Grid using Arduino Uno", International Journal of Innovative Technology and Exploring Engineering, Volume 10 Issue 6, April 2021, ISSN: 2278-3075.
5. MThirupathaiah, P.Venkata Prasad and V.Ganesh "Enhancement of Power Quality inWind Power Distribution system by using hybrid PSO-Firefly based DSTATCOM",International Journal of Renewable Energy Research, Volume 8, No.2, June 2018,pp.1138-1154.

International /National Conferences

1. M Thirupathaiah, P. Venkata Prasad and V. Ganesh "Enhancement of Power Quality inWind Power Distribution System using DVR and DSTATCOM based Agent System",IEEE International Conference on Innovations in Power & Advanced ComputingTechnologies (i-PACT'17) at VIT University, Vellore on 21st & 22nd April 2017.