

Name of Faculty Dr. AHMAD SYED
 Designation Assistant Professor
 Nature of Job/Appointment Contract, (Up to 31-05-2021)
 Date of Joining 27 - 07 - 2019
 E-mail ahmadsyed_eee@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (EEE)	Awarded
PG	M. Tech. (P&ID)	First with Distinction
UG	B. Tech. (EEE)	First

Work Experience

Teaching	3 Years
Research	--
Industry	--
Others	--

Area of Specialization Power Electronics

Professional Memberships Member, International Association of Engineers (IAENG) 169729

Responsibilities held at Institution Level --
 Responsibilities held at Department Level Member, Course Expert Group

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Basic Electrical Engineering, Electrical Circuits and Analysis, Power Electronics, control Systems and Electrical distribution system.

No. of Papers Published
 National Journals – -- International Journals – 05
 National Conference – -- International Conference – 03

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

- Details of Short-Term Training Programs/ Faculty Development Programs /Seminars/Workshops/ Other Trainings (Attended and/or Organized).
1. Participated in one-day workshop on “Electromagnetic and thermal simulation of PMSM (IPM) motor” at Altair Webinar (ANZ ASEAN India),07-05-2020.
 2. Participated in a three “How to draft effective scientific publications, patents and patent filling” organized by Department of Electrical and Electronics Engineering, Research and Development Cell, In Association with IEI & ISTE Chapter, BIET from 02.07.2020 to 04.07.2020.
 3. Participated in a one-day workshop on “simulation driven innovation for e-mobility” at Altair Webinar (ANZ ASEAN India),27-05-2020.
 4. A three-Day Faculty Development Program on “Real time hardware in-the-loop simulation for power electronics and power systems”, at Anurag university, Hyderabad, during 27-05-2020 to 29-05-2020.
 5. A One Week Faculty Development Program on “Outcome Based Education and NBA Accreditation Process-(UG)”, at CBIT(A), Hyderabad during 28-05-2020 to 01-06-2020.
 6. A Five-Day Faculty Development Program on “Recent Trends In Electrical Engineering”, at Vishnu Institute of Technology, Bhimavaram, during 08-06-2020 to 12-06-2020.
 7. A Five-day Faculty Development Program on “Recent Innovations and Technologies in Electric Vehicles”, at GATES Institute of Technology, Anantaapuramu, during 08-06-2020 to 12-06-2020.
 8. A One Day national level Faculty Development Program on Simulation of Power electronic converters through python”, at RGM CET, Kurnool, during 11-06-2020.
 9. A One Week Faculty Development Program on “Advance research

- methodology and innovative teaching Padagogy”, at Tulasiranjigaikwad patilcollege of engineering and technology, Nagpur, during 08-06-2020 to 13-06-2020.
10. A One Week Faculty Development Program on “Design of Solar PV System Using PVsyst Software”, at Vaagdevi College of Engineering, Hyderabad, Warangal during 09-06-2020 to 13-06-2020.
 11. A three-Day Faculty Development Program on “Emerging research opportunities in electrical engineering”, at JBIET, Hyderabad, during 11-06-2020 to 13-06-2020.
 12. A Five-day Faculty Development Program on “Electrical vehicles”, at VJIT, Hyderabad, during 11-06-2020 to 15-06-2020
 13. A One Week Faculty Development Program on “Recent Strategies on Micro- and Smart-Grid Technologies (RSMST-2020)”, at GMGIT, Hyderabad during 15-06-2020 to 19-06-2020.
 14. A One Week Faculty Development Program on “Challenges & opportunities in electrical engineering”, at BIET, Hyderabad, during 15-06-2020 to 20-06-2020
 15. A One Week Faculty Development Program on “Industrial Relevance of electrical engineering”, at BVRITH, Hyderabad, during 15-06-2020 to 20-06-2020
 16. A Seven Day Faculty Development Program and online training on “OpenModelica and OpenIPSL”, at V.K.R, V.N.B & A.G.K College of Engineering, Gudivada, during 17-06-2020 to 23-06-2020.
 17. A three-Day Faculty Development Program on “Recent developments in electrical and electronics engineering”, at PVKK Institute of technology, Anantapuramu, during 19-06-2020 to 21-06-2020
 18. A Five-Day Faculty Development Program on “Artificial Intelligence”, at SIR C.R REDDY college of engineering, Hyderabad during 22-05-2020 to 25-06-2020.
 19. A One Week Faculty Development Program on “Harnessing solar energy for reducing carbon footprint”, at Sri shankaracharya technical campus, Bhilai, during 16-06-2020 to 20-06-2020.
 20. A One Week Faculty Development Program on “Recent Advances in Electrical Engineering”, at Bharat institute of engineering and technology, Hyderabad, during 22-06-2020 to 27-06-2020.
 21. A One Week International FDP on “Control Theory and Applications” from 29-06-2020 to 03-07-2020 organized by Vignan Institute of Technology & Science in Association with Telangana Academy for Skill and Knowledge (TASK).
 22. Participated in ‘eSim’ training organized at Sreyas Institute of Engineering & Technology, Hyderabad in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.
 23. A One-day technical seminar on “Testing devices for susceptibility to power line disturbances, at CHROMA systems solutions on 04-06-2020.
 24. A One-day technical seminar on “Decreasing risk of electrical shorts in lithium ion battery cells, at CHROMA systems solutions, 11-06-2020.
 25. A One-day technical seminar on “Electrical safety testing 101, at CHROMA systems solutions on 14-06-2020.
 26. A One-day technical seminar on “LCR meters: selecting precision equipment for low, mid, and high frequency impedance measurements, at CHROMA systems solutions on 18-06-2020
 27. A One-day technical seminar on “how to achieve accurate power measurements, at CHROMA systems solutions on 21-06-2020.
 28. A One-day technical seminar on “testing PV inverters and solar energy devices, at CHROMA systems solutions on 30-06-2020.
 29. A One-day technical seminar on “EV power components: a total testing solution from the EVSE to the battery”, at CHROMA systems solutions on 09-07-2020.
 30. A One Week Faculty Development Program on “Recent trends in microgrid technologies” at Vignan institute of technology and science, Hyderabad, during 06-07-2020 to 11-07-2020.
 31. Participated in one-day workshop on “Machine learning by using MATLAB” in SIET2019 conference at Asia pacific university of technology & Innovation (APU) kuala lumpur, Malaysia on 24-25th September 2019.
 32. Participated in STTP on “LaTeX101x: LaTeX for Students, Engineers, and Scientists” IITBombayX, Bombay, during 24-09-2019 to 02-12-2019.

International Journal /National Journals from the Year 2017

1. Ahmad Syed, S. Tara Kalyani and Freddy Tan Kheng Suan “An Improved MOSFET Neutral-point

clamped full-bridge Transformerless Inverter for high efficiency distributed Photovoltaic system" International Journal of Advanced Science and Technology, ISSN 2005-4238 Vol. 29, No.01, Jan 2020, pp. 153 – 167.

2. Ahmad Syed, S. Tara Kalyani and Freddy Tan Kheng Suan "A High-efficiency Neutral-Point-Clamped Transformerless MOSFET Inverter for Photovoltaic Applications" IET Power Electronics. ISSN 1755-4543, vol 11, issue 2 and Feb 2018, pp.246-252.
3. Ahmad Syed and S. Tara Kalyani" A novel single phase Multilevel Transformerless PV inverter for reduced common mode current" Materials today Proceedings Elsevier, ISSN 2214-7853, Volume 5, Issue 1, Part 1, 2018, Pages 524-530.
4. Ahmad Syed and S. Tara Kalyani (2017) "HBZVR-Type Single-Phase Transformerless PV grid connected Inverter with Constant Common-mode voltage" International Journal of Electronics Engineering Research, ISSN 0975-6450 Volume 9, Number 6,2017, pp. 791-808.