

Name of Faculty D.SUSHMA
 Designation ASSISTANT PROFESSOR
 Nature of Job/Appointment CONTRACT
 Date of Joining 01-04-2021
 E-mail sushmad_eee@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	--	--
PG	ME(PS & PE)	First with distinction
UG	B. Tech(EEE)	First

Work Experience	
Teaching	3Year 4 Months
Research	--
Industry	--
Others	--

Area of Specialization Power Systems and Power Electronics

Professional Memberships IAENG-International Association of Engineers (Member No: 341898)

Responsibilities held at Institution Level --

Responsibilities held at Department Level
 1. Department alumni coordinator.
 2. Department IPR coordinator
 3. NAAC criteria 1 in-charge -2
 4. PG NBA criteria 1& criteria 3

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.
 Real-Time Control of Power Systems (PG PSPE)
 Basic Electrical Engineering(UG)
 Energy Management Systems(UG)
 Waste Management(UG)

No. of Papers Published **01**
Performance Evaluation of Induction Motor for Unipolar and Bipolar Pulse Width Modulation Techniques, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-10, August 2019 pp.3626-3629

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 Two day Hands-on workshop on "Altair Flux - A Software Tool for Electromagnetic Modelling of Electrical Systems" organized by Department of Electrical & Electronics Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana on 28th June 2023 & 30th June 2023.
2. Participated in One week online FDP on "Quality Education through OBE" organized by Chaitanya Bharathi Institute of Technology(Autonomous), Gandipet, Hyderabad- 500 075, Telangana, India., in association withIEEE Education

- Society Student Branch Chapter CBIT during 22nd - 27th January 2024.
3. Participated in the AICTE Recognized Faculty Development Programme "Smart Grid and Integration of Distributed Generation' Conducted by Electrical Engineering Department, Chaitanya Bharathi Institute of Technology, Hyderabad from 28/08/2023 to 01/09/2023.
 4. Participated in the AICTE Recognized Faculty Development Programme on 'ANSYS-EM for Electrical Engineering Application' Conducted by Electrical Engineering Department from 17/07/2023 to 21/07/2023 (One Week) at Chaitanya Bharathi Institute of Technology, Hyderabad.
 5. Participated in the AICTE Recognized Faculty Development Programme "Energy Efficient and Decarbonisation Technologies' Conducted by Electrical Engineering Department, Chaitanya Bharathi Institute of Technology, Hyderabad from 05/06/2023 to 09/06/2023.
 6. Participated 01 Day Faculty Development Program, Dated : 2/6/2023 on "Automation System Design & Simulation using Automation Studio Software " of M/s Famic Technologies Inc., Canada in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi.
 7. Participated in Two Days Short Term Faculty Development Program on "Recent Trend in Power Electronics and their Applications in Power Systems, organized by Department of Electrical & Electronics Engineering at School of Engineering and Technology, Sandip University, Nashik on 24th and 25th March, 2023.
 8. Participated in the AICTE Recognized Faculty Development Programme "On Big Data Applications in Electrical Engineering" Conducted by Electrical Engineering Department, Chaitanya Bharathi Institute of Technology, Hyderabad from 20/02/2023 to 24/02/2023 (One Week).
 9. Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 28th March, 2022 to 1st April, 2022.
 10. Participated in the One Week Short Term Training Program (Phase-2) on "Trends and Challenges of Hybrid Electric Drive Utilities in Transport Sector" organized by Department of Electrical and Electronics Engineering, Chaitanya Bharathi Institute of Technology (Autonomous) during **02nd - 7th November**, 2020.
 11. Participated in a 40-Hours Online faculty Development titled "Data Science for All" jointly organized by Electronics and ICT Academies -NIT Warangal, IIITDM Jabalpur, NIT Patna during 27th July to 8th August 2020.
 12. A National level online FDP and Online Training on "OpenModelica and OpenIPSL" hosted by V.K.R, V.N.B & A.G.K college of Engineering, Gudivada, in association with Spoken Tutorial Project, IIT-Bombay Funded by MHRD, Govt.of India, from 17th June to 23rd June 2020.
 13. A National level online FDP on "Electrical Vehicles" organized by department of EEE, VJIT, Hyderabad from 11th to 15th June 2020.
 14. Recent innovations in Electrical, Electronic Instrumentation, Automation and Teaching Pedagogy organized by department of EEE, EIE, and ICE from 18th to 30th May 2020 Sri Sai Ram Engg college West Tambaram, Chennai-44.

Details of Journal Publications/
Conferences (National and
International)

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