

Name of Faculty D SATHISH
 Designation Assistant Professor
 Nature of Job/Appointment Contract
 Date of Joining 03.03.2016
 E-mail dsathish_eee@cbit.ac.in



Education Qualifications	Class	
Ph. D	Pursuing	
PG	M.tech	I
UG	B.tech	I

Work Experience 9 years

Teaching	9 Years
Research	
Industry	
Others	

Area of Specialization Electrical power Systems

Professional Memberships

Responsibilities held at Institution Level

Responsibilities held at Department Level

1. Students Achievement in charge
2. Students placements

Research Guidance

Awards Received

Courses Handled at Under Graduate / Post Graduate Level. Electrical Machines-I,II &III, power systems-I,II, Electrical circuits, Basic Electrical Engineering, control systems, power quality

No. of Papers Published International Journals 6

National Conferences 1

Projects Carried out

Patents

Technology Transfer

Invited Speaker

No. of Books/Chapter Published with details

WS/ Seminars/ Conferences/ STTPS/ FDPs Organized :

1. Co-Coordinator of Three days Webinar "ARTIFICIAL INTELLIGENCETHODSFORENERGYAUDITING,TECHNOLOGIESANDMANAGEMENT(AIMFor E-ATM)", 21/05/2020 to 23/05/2020.
2. Co-Coordinator of 4th International Conference on Vedic Mathematics 29th-31st August, 2019

WS/ Seminars/ Conferences/ STTPS/ FDPs Attended :

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

1. participated in the Technical Education Quality Improvement Programme (TEQIP-III) sponsored Faculty Development Programme on " Power Electronic Applications to Renewable energy systems and Energy storage systems " held from July 06-10, 2020.
2. Participated in one – Week workshop on "Introduction to PLECS Tool for Power Electronics Applications" organized by department of Electrical and Electronics Engineering, VRSEC ,Vijayawada, Andhrapradesh, in Association with PLEXIM, Switzerland and sponsored by AICTE – Margadarshan scheme held during 6th-10th july,2020.
3. Webinar on "Energy Conservation and Auditing" held on 02-07-2020 Organized by Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad

4. 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.
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5. One week online Refresher course BHARATEEYA CHAITANYAM organized by the GEERVANA BHARATHI Of CHAITANYA SAMKRUTHI from 29-06-2020 to 05-07-2020
6. NBA Preparation CO&PO Mapping on 28th ,June 2020,organized by department of Mechanical Engg, SVPM'S COE Malegaon, BK, Baramati, in Association with ISTE
7. One week FDP on Real Time Hardware in the Loop(HIL) Simulation of Power Electronical& Power Systems organized by department of EEE Rajkiya Engineering college, Maimpuri in Association with OPAL-RT Technologies & IEEE STB REC Mainpuri from June 22nd - 26th,2020
8. One day webinar on "Publishing Research Articles in Scopus Indexed Journals" conducted by CBIT - School of Management Studies on 24th June, 2020
9. One Week National Level Faculty Development Program and Online Training on "Open Modelica 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 National Mission on Education through ICT, MHRD, Govt. of India. From 17th June to 23rd June 2020.
10. One week FDP "Recent Strategies on Micro- and Smart-Grid Technologies" organized by GMRIT, Rajam,15/6/2020 to 19/6/2020
11. One Week National Level Faculty Development Program and Online Training on "Open Modelica 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 National Mission on Education through ICT, MHRD, Govt. of India. From 17th June to 23rd June 2020.
12. One week FDP "Recent Strategies on Micro- and Smart-Grid Technologies" organized by GMRIT, Rajam,15/6/2020 to 19/6/2020.
13. One Week Online FDP on "DESIGN OF SOLAR PV SYSTEM USING PVSYST SOFTWARE" Organized by VAAGDEVI COLLEGE OF ENGINEERING EEE Department from 9th to 13th June 2020.
14. Webinar on TOOLS for Documentation: Conference, Thesis and Journal writing organized by VAAGDEVI COLLEGE of ENGINEERIN on 13th June,2020
15. One week FDP "Recent Trends in Electrical Engineering" Organized by VISHNU INSTITUTE OF TECHNOLOGY (A), Bheemavaram, 08/6/2020 to 12/6/2020.
16. One week FDP "Outcome Based Education: A step towards Excellence (FDP) conducted by CBIT(A) 28-05-2020 to 01-06-2020.
17. .5-Day National Level Online Faculty Development Program on Artificial Intelligence from 22-May-2020 to 26-May-2020 organized by the Department of Information Technology ,SIR C.R REDDY COLLEGE OF ENGINEERING, in association with National Youth Council of India and Brain o Vision Solutions India Pvt. Ltd..
18. participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.
19. One day webinar on "Leadership Talk" Organized by MHRD, Innovation cell, 16-05-2020.
20. Webinar in Micro Grid Technology on 16-05-2020 conducted by Chennai Institute of Technology.
21. Faculty Program on NBA on 5/16/2020, with a passing score of 80% organized by BharatiVidyapeeth College Of Engineering, Navi Mumbai-400614.

22. One day webinar on "India First Leadership Talk" Organized by MHRD, Innovation cell, 09-05-2020.
23. Eight weeks FDP "Introduction to Smart Grid" offered by NPTEL JUL-SEP-2019.
24. Eight weeks FDP "Fuzzy logic and Neural Networks" offered by NPTEL Feb-Apr 2019.
25. One week FDP course for Faculty training at CBIT Hyderabad Nov-2017.
26. One week FDP course for faculty training at CBIT Hyderabad July-2017
27. Two day work shop on PARES conducted by CBIT(A) March-2017
28. Two day work shop on Power-Quality- Harmonic Analysis for Power systems March-2017 conducted by O.U.
29. R & D Conclave on challenges and opportunities in research and development for power and energy during Feb 1-3,2017 in C.B.I.T

International /National Journals from the Year 2017

1. A Novel Method for Electricity Generation from Footsteps Using Piezoelectric Transducers D. Sathisha , C. Srisailamb , D. Harshac and K. MuralidharGoudd. Article History: Received: 11 January 2021; Accepted: 27 February 2021; Published online: 5 April 2021
2. A Simplified Control Approach of AC-DC-TLBC for Bi-Polar DC Microgrid Applications D. Sathisha , A. Bhanuchandar b , D. Harshaa and C. Srisailam a. Article History: Received: 11 January 2021; Accepted: 27 February 2021; Published online: 5 April 2021
3. Household Load forecasting using Deep Learning neural networks C.Srisailama ,K.MuralidharGoudb , D. Sathishc , and D. Harshad. Article History: Received: 11 January 2021; Accepted: 27 February 2021; Published online: 5 April 2021
4. Stability analysis of Automatic Voltage Regulator using Fractional Order Controller K Muralidhar Gouda , C. Srisailamb , D. Sathishc , and D. Harshad. Article History: Received: 11 January 2021; Accepted: 27 February 2021; Published online: 5 April 2021
5. Devireddy Sathish, GajangiArun Kumar and ChowdaryVinay Kumar "Instantaneous Symmetrical Component Theory (ISCT) Controller for Mitigation of Harmonics in Micro-grid System ",International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-8, June 2020
6. M Balasubbareddy1, Divyanshi Dwivedi2 and D Sathish3 ,"Optimal Power Flow solution using Spotted Hyena Optimization Algorithm", Pramana Research Journal ,ISSN NO: 2249-2976,vol-9,issue-3,march 2019.

Details of Journal Publications/
Conferences (National and
International)

International Conference Proceeding Publications/ National Conferences from the Year 2017

1. D.Sathish and GARunKumar, Optiized control technique of active power filter in 25kv Electric traction system , Recent Trends in Electrical Engineering, MGIT, on 28th and 29th Feb-2020