


Name of Faculty	Mr. Cholleti Harish	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	07-09-2016	
E-mail	harishch_eee@cbit.ac.in	
Education Qualifications	Name of the Degree	Class
Ph. D	NIT Warangal	Pursuing
PG	M. Tech.(Power Electronics & Drives) NIT Nagpur	Distinction
UG	B. Tech. (EEE) – Vignan Institute of technology and Science , JNTUH	Distinction
Work Experience		
Teaching	08.5 Years	
Research	--	
Industry	--	
Others	--	
Area of Specialization	Power Electronics and Drives	
Professional Memberships	-----	
Responsibilities held at Institution Level	-----	
Responsibilities held at Department Level	1. NBA Criterion In charge PG, 2. NBA Co-Coordinator UG, 3. Time Table In-charge, 2016 to 2018 4. Coordinator for ELECTRET under the banner of sudhee-2019. 5. Coordinator for ELECTRET under the banner of sudhee-2018. 6. Member, Course Expert Group.	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Power Electronics, Digital Electronics, Linear Integrated Circuits, Simulation Techniques For Electrical Engineering, Principles of Electrical Engineering, HVDC, FACTS.	
No. of Papers Published	National Journals – -- National Conference – 02	International Journals – 06 International Conference – --
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	--	

WS/ Seminars/ Conferences/ STTPS/ FDPs Organized

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| Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized). | <ol style="list-style-type: none"> As a Coordinator organized a one day webinar on "Trends and Challenges In The Progress of E-Mobility In India", conducted by the Department of Electrical and Electronics Engineering in association with PANTECH E-LEARNING on 25th June, 2020. As a Coordinator Organized a Two Week Online Training/Internship Course VIPRA "SIMULATION TOOLS FOR ELECTRICAL AND ELECTRONICS ENGINEERING" by Department of EEE for II Semester Electrical and Electronics Engineering Students during 08th June-20th June 2020. As a Coordinator organized a One Week Online Faculty Development Program "Outcome Based Education and NBA Accreditation-UG", organized by CBIT(A) Hyderabad during 28-05-2020 to 01-06-2020. As a Coordinator organized a, "One Week National Energy Conservation Celebrations, NECW-2018 ", during 14th -20th Dec., 2018 at CBIT(A), Hyderabad. |
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WS/ Seminars/ Conferences/ STTPS/ FDPs Attended

1. One-Week National Faculty Development Program on "Latest Research Software & ICT Tools for Communicating Research", organized by the Department of Basic Sciences & Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh, India, held during 20-06-2021 to 26-06-2021.
2. Attended AICTE Sponsored one week online STTP on "Recent Advances in EV Technologies", Organized by Department of EEE, Matrusri Engineering College, Affiliated to Osmania University, Hyderabad, India, held during 26-04-2021 to 01-05-2021.
3. Attended a one week online FDP on "Effective teaching and learning of power converters for electric Vehicles", Organized by Department of Electrical Engineering, NIT Warangal, India, held during 01-03-2021 to 06-03-2021.
4. Attended a one week online FDP on "ICT Tools for online Teaching, Learning and Evaluation", Organized by Department of EEE, VVCE, Affiliated to VTU, Belagavi., India, held during 27-07-2020 to 01-08-2020.
5. Attended a one week FDP on "Recent Research Trends in Electrical Engineering", Organized by Department of EEE, Gautam Buddha University, Greater Noida, India, held during 14-07-2020 to 18-07-2020.
6. Attended a one week online FDP on "AI Techniques to Electrical Engineering", UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, India, held during 06-07-2020 to 10-07-2020.
7. Attended a one week workshop on "Introduction to PLECS Tool for Power Electronics Applications", Organized by Department of EEE, VRSEC, Andhra Pradesh held during 02-07-2020 to 06-07-2020.
8. Attended a One Week Online Refresher course on "BharateeyaChaitanyam", Organized by GeervanaBharathi of ChaitanyaSamskruthi, CBIT(A), from 29-06-2020 to 5-07-2020.
9. Attended a One Week Online Faculty Development Programme on "Applications of Optimization Techniques To Electrical Engineering" organized by Department of EEE, GayatriVidyaParishad College of Engineering for Women, Visakhapatnam during 22-06-2020 to 26-06-2020.
10. Attended a One Week Online Faculty Development Programme on "Recent advances in Power Electronics Applications with MATLAB simulations" organized by Department of Electrical Engineering, NIT Patna Under Electronics and ICT Academy, NIT Patna during 25-05-2020 to 30-05-2020.
11. Attended a FDP (Online) on LaTeX & Technical Report Writing organized by Department of Mathematics, Kakatiya University, Warangal during 25-05-2020 to 30-05-2020.
12. Attended a five day National level Online Faculty Development Programme on "Artificial Intelligence" organized by Department of Information Technology, SIR C.R REDDY COLLEGE OF ENGINEERING during 22-05-2020 to 26-05-2020.
13. Successfully Completed "Introduction to Electronics" an online non-credit course authorized by University of Colorado Boulder and offered through Coursera on 25-05-2020.
14. Attended IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD'S Innovation Cell, New Delhi during 28th April to 22nd May 2020.
15. Attended three day webinar trio on "ARTIFICIAL INTELLIGENCE METHODS FOR ENERGY AUDITING, TECHNOLOGIES AND MANAGEMENT (AIM FOR E-ATM)", during 21-05-2020 to 23-05-2020. at CBIT(A) Hyderabad.
16. Successfully Completed "Linear circuits 1:DC Analysis" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 20-05-2020.
17. Successfully Completed "Power Electronics: Control and simulation of PWM Inverters" an online non-credit course authorized by manual Gomez and UdeMy completed on 18-05-2020.
18. Successfully Completed "Inverter Design (SVPWM) MATLAB/Simulink" an online non-credit course authorized by Moath Abu Toamah and UdeMy completed on 03-05-2020.
19. Successfully Completed "Introduction to Power Electronics" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 27-04-2020.
20. Successfully completed NPTEL course on "DC Micro grid (one week FDP)", Jul-Sept 2019.
21. Successfully completed NPTEL course on "Advance Power Electronics and control (one week FDP)", Jan-March 2019.

22. Successfully completed NPTEL course on "Digital Electronics (one week FDP)", Jul-Oct 2018.
23. Attended One Week FDP under the Scheme of PMMMNMTT, MHRD, Govt. of INDIA on "Internet of Things (IoT)", during 05-10 June 2017 at NIT-Warangal.

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

International /National Journals from the Year 2017

1. C. Harish, N. VasanthaGowri, "Design of Smart Purchase Cart For Commercial Application Using Raspberry Pi and RFID", International Journal of Electrical Engineering and Technology (IJEET), Volume 12, Issue 6, June 2021, pp. 373-378.
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 Journal, ISSN: 0011-9342 June 2021, Issue: 6 Pages: 2101 – 2111.
3. C. Harish, "A Real and Accurate Grid Control System with Photovoltaic Power and Frequency Variation", Design Engineering Journal, ISSN: 0011-9342 Year June 2021, Issue: 6 Pages: 2123 - 2138.
4. C. Harish, T. Murali Krishna, G. Suresh Babu, N.V. PhanendraBabu and D. HrishikesSai," SIMULATION OF IGBT BASED SOLID STATE FAULT CURRENT LIMITER USING MATLAB/SIMULINK", International Journal of Electrical Engineering and Technology (IJEET) ,Volume 12, Issue 6, June 2021, pp. 140-149 ISSN Print: 0976-6545 and ISSN Online: 0976-6553.
5. T. Murali Krishna, N. VasanthaGowri, G. Suresh Babu, C. Harish, N.V. PhanendraBabu and B. Akshita, "PERFORMANCE COMPARISON OF BLDC MOTOR BASED ON CONVENTIONAL AND EXPERT CONTROLLERS", International Journal of Electrical Engineering and Technology (IJEET) ,Volume 12, Issue 6, June 2021, pp. 211-220ISSN Print: 0976-6545 and ISSN Online: 0976-6553.
6. G.SureshBabu, N. R. SaiVarun, T. Murali Krishna, C. Harish and D. Harsha," Performance analysis of DC-DC converter based standalone PV system using cloud connected Solar PV Emulator", Strad Research Journal, Volume 7, Issue 6, June-2020, pp:440-447, ISSN 0039-2049.
7. T.Murali Krishna, K. KrishnaVenii, G.SureshBabu, D.Sushma andC.Harish," Performance Evaluation of Induction Motor for Unipolar and Bipolar Pulse Width Modulation Techniques", International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 10, pp:3626-3629 ,Aug 2019, ISSN 2278 – 3075.
8. N. VasanthaGowri, C.Harish andD.Harsha, " Modeling of Solar Electric Propulsion System for UAVs" International Journal of Recent Technology and Engineering(TM) , Volume 8 issue 2S5, July 2019, pp:200-202,ISSN 2277-3878.
9. T. Murali Krishna, C. Harish and N. Anusha," Modeling and Performance Analysis of Six Level Inverter for Medium Voltage Drives", International Journal of Emerging Technology and Advanced Engineering, Volume 8, Issue 1, pp:176-180,January 2018, ISSN 2250-2459.

International Conference Proceeding Publications/ National Conferences from the Year 2017

1. T. Murali Krishna, P. Lakshmi Supriya and C. Harish," Performance Evaluation of Inverter for Different Pulse Width Modulation Techniques", national Conference on Recent Trends in Electrical Engineering, at MGIT,Hyderabad on 28th and 29th February 2020,pp: 286-290, ISBN: 978-93-88808-57-6.