

Department of EEE

Events Organized in the Academic year 2021-22

1. EEE Dept. and R & D Centre of CBIT Jointly organised a Webinar on “**EV Drive-train Sizing**” for which Dr. Praveen Kumar, Professor at IIT-Guwahati was the Speaker on 16-4-2022. Dr. M.Bala Subba Reddy was the Co-ordinator for this Webinar.
2. EEE Dept. Organized a **2-Day online Workshop on " Emerging Novel Technologies related to Advanced Electrical Machines (ENTRAM-2022)**”, which was an outcome of **AICTE-MODROBS** Project from 29-3-2022 to 30-3-2022. The Co-ordinators for this Workshop were Sri P. Hemeshwarchary and Sri N. Santosh Kumar.



**EEE Dept. HOD with the Industry Resource Persons and the Co-ordinators
Of the Workshop -ENTRAM-2022.**

3. EEE Dept. had organised a National Level Student Technical Fest by name **ELECTRET-2022**, under the banner **SUDHEE-2022** on 23-3-2022 and 24-3-2022. The Faculty Coordinators were Sri N.Santosh Kumar and Dr. N.V.Phanendra Babu.
4. A Virtual Meeting has been held with **M.E(PSPE-I-Sem & III-Sem) Students**, by the EEE Dept. wherein the HOD addressed the students regarding the “Importance of Placements, Placements- Preparative Training and Internships in Core Companies” on 22-1-2022.
5. EEE Dept. organised “**National Energy Conservation Week-2021**” Celebrations from 14-12-2021 to 20-12-2021 under the banner of Energy Saver’s Club of CBIT.



Energy Pledge taken by the Principal Dr. P.Ravinder Reddy, HOD-EEE Dr.G.Suresh Babu and the Coordinators of NECW-2021 during the Inaugural Function.

6. Department of EEE Received its **First Consultancy Project** titled” **Enhancement of the Performance of different Renewable Energy Sources using Modern Techniques**” worth **Rs. 20 lakhs** from Najran University, Kingdom of Saudi Arabia, on 12-12-2021, for which **Dr. T.Sudhakar Babu is the Principal Project Investigator** .Tenure of the Project is 2 years.
7. Department of EEE observed National Education Day on 11-11-2021, with all its students in classrooms. **Dr. G.Suresh Babu HoD- EEE** along with respective Faculty addressed the students the significance of NED.



Dr. G. Suresh Babu, HOD-EEE, addressing the students on the occasion of National Education Day.

8. Dr. K.Krishnaveni organised as Convenor for 3 day workshop on “Universal Human Values-II: Understanding Harmony” by CBIT from 20 -22, September 2021.
9. Sri N.Santosh Kumar, on behalf of EEE department organized 2-week Internship Programme for R20 scheme, III-Sem EEE students in collaboration with HIEE, Hyderabad during 13th Sept to 25th Sept.2021.
10. Dr. M.BalaSubba Reddy Successfully organized A Webinar on “Smart Grid for a Green Future” in online mode at Chaitanya Bharathi Institute of Technology, Hyderabad, during 23-10-2021.

Events Organized in the Academic year 2020-21

STTP's Organized: 04

1. Dr.T.Murali Krishna as a coordinator Dr.N.Vasanth Gowri and M.Nagaraju as a co coordinators organized a short term training program (STTP) Phase-1 titled “Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector” at CBIT, Hyderabad from 3rd Aug, 2020 to 8th Aug, 2020.
2. Dr.T.Murali Krishna as a coordinator M.Nagaraju and Dr.N.V.Phanendra Babu as a co coordinators organized a short term training program (STTP) Phase-2 titled “Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector” at CBIT, Hyderabad from 2nd Nov, 2020 to 7th Nov, 2020.
3. Dr.T.Murali Krishna as a coordinator Dr.N.Vasanth Gowri and Dr.N.V.Phanendra Babu as a co coordinators organized a short term training program (STTP) Phase-3 titled “Trends & Challenges of Hybrid Electric Drive Utilities in Transport Sector” at CBIT, Hyderabad from 22nd Feb, 2021 to 27th Feb, 2021.
- 4 Department organized a two week skill development program for Technical Staff titled on " Laboratory Experiments Analysis for Reinforcement of Nexus (LEARN)", at CBIT, Hyderabad on 18th Jan, 2021 to 30th Jan, 2021.

Workshop organized: 05

1. Dr.K.Krishnaveni organized workshop on Semester Readiness Program (in- house) for ODD SEM. as Director of Academics at CBIT, Hyderabad from 22,23rd NOV 2020 & 2nd and 3rd Dec 2020.
2. Dr.K.Krishnaveni organized workshop on Semester Readiness Program (in- house) for EVEN SEM as Director of Academics at CBIT, Hyderabad on 31st March, 2021.
3. Mr.M.Thirupathaiah organized workshop titled "Applications of AI Techniques to Power System Problems" on 30th & 31st March 2021 at 2.30-3.30 PM.

4. Sri D.Harsha and Sri P.Hemeshwarchary were the Coordinators for National Level Technical Fest 'ELECTRET' under the banner of 'SUDHEE-21' at CBIT , Hyderabad on 03-03-2021 & 04-03-2021
5. Sri D.Harsha Organized Dept. level Annual Alumni meet as Alumni coordinator at CBIT on 25th December 2020.
6. Department of EEE organized One Day workshop on " Detailed Awareness for Novice (DAWN)" at CBIT, Hyderabad, 09-09-2020

Seminar/Webinar Organized: 07

1. Dr.P.Venkata Prasad organized a webinar titled “Advanced Power Converters for future Power Grids” at CBIT, Hyderabad (Online) on 10th March, 2021.
2. Dr.M.BalaSubbaReddy organized a webinar on “Building product portfolios through innovation”(New Product Creation & Commercialization)” at CBIT, Hyderabad on 30th January, 2021.
3. Dr.M.BalaSubbaReddy organized a webinar on “Building product portfolios through innovation” ((Product lifecycles & portfolio management)” at CBIT, Hyderabad on 6th Feb,2021.
4. Sri N. Santosh Kumar organized a webinar on“Employability Skills for Electrical Engineers (As a part of MoU with HIEE)” at CBIT, Hyderabad on 22nd Nov, 2020.
5. Sri N. Santosh Kumar organized a Seminar/Virtual Visit on “A Virtual Visit of Solar Industry (As a part of MoU with Skill Dzire)” at CBIT, Hyderabad on 28th March, 2021.
6. Dr. T. Sudhakar Babu organized a webinar titled “Advanced Power Converters for future Power Grids” at CBIT, Hyderabad (Online) on 10th March, 2021.
7. Dr. T. Sudhakar Babu organized a webinar titled “EMI/EMC IN Power Converters” at CBIT, Hyderabad (Online) on 15th May, 2021.

Guest/ Expert Lectures Organized: 10

1. Dr. Ahmad Syed and Sri C.Srisailam organised a Guest Lecture on “Sustainable Development of Buildings and Green Building Fundamentals” on 9th June-2022 from 10:15AM to 11:45AM by Sri G.Harihara Iyer,President of IAEMP at the Seminar Hall.
2. Dr. Ahmad Syed organized a Guest Lecture on “ AI Applications to Power Electronics— Challenges and Opportunities on 1-6-2022.
3. Dr. B. Suresh Kumar, organized a Expert Lecture titled “Latest Trends in MATLAB and related Tool boxes" at CBIT, Hyderabad (Online) on 19th Mar, 2021 at 11.30 A.M. to 12.30 PM. by Sri Ramana Anchuri from MATHWORKS.

4. Department organized Guest lecture Online titled on "Power Electronics and Electrical Drives Simulation Software" at CBIT, Hyderabad on 8th Jan, 2021 at 11.00 AM to 12.15 PM by Sunseas Technology.
5. Dr. B. Suresh Kumar, organized Online Institutional Training Program association with Petroleum Conservation Research Association (PCRA) is titled "Energy Conservation and Audit" on 04th June, 2021 at 11.00 AM to 1.00 PM. by Sri G. Harihara Iyer and Sri Ramana faculty PCRA.
6. Department organized Guest lecture Online titled on " Possible future opportunities / current market situation...", at CBIT, Hyderabad (online) on 26th June 2020, by Alumni (2010) Mr. Baskar Parithi, Development Engineer AVL list GmBH Austria
7. Department organized Guest lecture Online titled on "Doing MBA-Abroad ", at CBIT, Hyderabad (online) on 29th June, 2020, by Alumni (2010) Ms.O. Divya, Senior Software Engineer Delloite.
8. Department organized Guest lecture Online titled on " Career Insights ", at CBIT, Hyderabad (online) on 10th July, 2020, by Alumni (2013) Mr. Arun kasyap, Co-founder DLT labs {Start-up}
9. Department organized Guest lecture Online titled on " Reality check- The day you stop racing is the day you win the race ", at CBIT, Hyderabad (online) on 16th July, 2020, by Alumni (2014) Sonika.B, Business system consultant Wellsfargo.
10. Department organized Guest lecture Online titled on " capitalizing diversity of CBIT- Bursting myths to bring out of entanglement of confusion", at CBIT, Hyderabad (online) on 23rd July, 2020, by Alumni (2016) Mr.Susheel, Former software engineer Delloite and a civil service aspirant.

Events Organized in the Academic year 2019-20

International Conference organized: 01

1. Dr. G. Suresh Babu as a Chairperson, Dr. T. Murali Krishna as a Convener Dr. N. Vasantha Gowri and Sri. D. Satish as Co-ordinators organized a 3-day International Conference on "Vedic Mathematics", at CBIT, Hyderabad during 29th to 31st Aug 2019.



Lightening of the lamp by dignitaries during the inaugural function of International Conference on “Vedic Mathematics”

STTP Organized: 02

1. Dr. G. Suresh Babu as Convener, Dr. M. Balasubbareddy as a Coordinator and Dr. N.V. Phanendrababu, as Co-coordinators conducted AICTE sponsored one-week STTP on, “Introduction to research methodology & MATLAB programming for Optimization Techniques” at CBIT, Hyderabad during 25th to 31st Nov 2019.
2. Prof. G. Suresh Babu as a Convener, Dr. T. Muralikrishna as a Co-Convener, C. Harish, D Harsha and Dr. N. V. Phanendra Babu as co-ordinators organized Two Week Online Training/ Internship Course, “VIDYUT PRASIKSHANA (VIPRA) – on SIMULATION TOOLS FOR ELECTRICAL & ELECTRONICS ENGINEERING”, at CBIT, Hyderabad, during 8th -20th June, 2020.

Workshop organized: 02

1. Dr.N. Vasantha Gowri and C. Harish as co-ordinators conducted a workshop on, “IOT CHALLENGE 2020” as a part of Aakaar in association with IIT, Bombay, at CBIT(A), Hyderabad during 15th & 16th Oct 2019.



Workshop Session

2. Dr. T. Muralikrishna as a Convener and Dr. N. Vasanth Gowri as Co-ordinator organized a one week workshop on “National Energy Conservation Week (NECW)” at CBIT, Hyderabad, during 14th -20th Dec, 2019.

Seminar/Webinar Organized: 01

1. Dr. T. Muralikrishna as a Convener, Dr. N. V. Phanendra Babu as a Co-Convener, C. Harish , D Harsha as a Coordinators 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.

Symposium Organized: 01

1. C. Harish and D Harsha as a coordinator organized 2 day National Level symposium “Electret-2019” under the banner of Sudhee-2019 during 13th and 14th Sept, 2019.

Research projects:01

1. Dr. M. Balasubbarreddy as a principal investigator and Dr. P.V.Prasad as a co- PI “Development of low cost flexible quality conditioner to mitigate power quality issues” under Research promotion scheme (RPS), AQIS, AICT. Sanctioned on 16-12-2019 with an amount of 24,80,000 rupees.

Events Organized in the Academic year 2018-19

1. Department got Sanctioned total amount of Rs. 17.39 Lakhs for Establishment of “Special Electrical Machines” Lab under MODROBS Scheme by AICTE on 30th April, 2019.
2. Department organized a National Level Student Technical Fest by name “ELECTRET-2018”, under the banner SUDHEE-2018. On 28th & 29th September.
3. Dr G. Yesuratnam, Professor, EED,O.U delivered the key note address on “Gas Insulated Sub-Stations”



Release of Poster of ELECTRET-2018

4. Department organized a Guest Lecture on “Role of final year major project in addressing current societal needs through emerging technology” by Prof.(retd.)Dr. P.Sudhakar(IIT-Delhi) on 16th July, 2018.

STTP Conducted: 02

1. Dr. K. Krishnaveni, coordinated a five day online Short Term Training Programme (STTP) on “NBA Accreditation” in association with NITTTR, Kolkata during 22nd to 26th Apr, 2019.
2. Dr. G.SureshBabu, coordinator and Dr T. Muralikrishna as a co-coordinator conducted a five-day online Short Term Training Programme (STTP) on “Development of Laboratory Instruction and Manual” in association with NITTTR, Kolkata during 4th to 8th Feb, 2019.

Workshops /Symposium Conducted: 02

1. Dr. G.SureshBabu as a Chairman, Dr. T Murali Krishna and C. Harish as Co-ordinators conducted “Significance of MATLAB in Applications of Emerging Technologies” at ChaitanyaBharathi Institute of Technology (CBIT), Hyderabad on 26th June, 2019.
2. P. Hemeshwarchary and C. Harish as a Coordinators for the National Level Student technical symposium “Electrect-2018” as a part of SUDHEE-2018 in CBIT during 16-17 September 2018

Staff Achievements: 03

1. The following faculty members are allotted Four Research Scholars each by Osmania University, to supervise Ph.D Work at Research Centre, CBIT.

1. Dr. K. Krishnaveni,

2. Dr. P.V. Prasad,

3. Dr. G. Suresh Babu,

4. Dr. B. Suresh Kumar,

5. Dr. M. Balasubba Reddy,

6. Dr. T. Murali Krishna.

2. Dr. G. Suresh Babu has been conferred upon the award of “Distinguished faculty in Engineering”, for the contribution and achievement in the field of Electrical Engineering by Center for Advanced Research and Design, Venus International Foundation, Chennai on 7th July, 2018.

3. Dr. G. Suresh Babu has attended the 12th BOS meeting for approving the R18 course Structure and Syllabus for M. Tech. (Electrical Power Systems) on 16th Aug, 2018, at JBIET, Hyderabad.

Events Organized in the Academic year 2017-18

1. Department organized A Two Week AICTE sponsored Faculty Development Programme on “Power Electronics for Renewable Energy Systems - Present Trends and Future Scope (PERES-2017)” at CBIT (A) during 13th -25th Nov, 2017. Chief Guest invited: Er. T. Krishna Rao, Chairman, ECM-IE(I), Retd. CE (AP-TRANSCO)

No. of Participants: 50.

EEE-CBIT PERES-2017



**AICTE Sponsored Two Week FDP on
"Power Electronics for Renewable Energy Systems" [13 to 25 November 2017]**

2. Department organized a student symposium "Electret-2017", organized by dept. of EEE, CBIT, under Sudhee-2017, on 15th & 16th Sept, 2017. Mr. Prasad from Tech Mahendra has delivered keynote address.



Group Photo of EEE Dept. Faculty along with Students during ELECTRET-2017.

3. Department has facilitated Five Final year EEE students and Four Final Year Civil Engg. Students to get recruitment into M/s. Mytrah Energy (India) Ltd. A core company, with a CTC of Rs. 3 Lakhs per annum, on 14th May, 2018, under VIKASA.
4. Department organized a Guest Lecture on “IOT/AR & VR, Workshops & Intern program in Incubation Development centre, by Mr.Ashish Chinthakayala, Director, on 3rd Jan 2018.
5. Department organized a Guest Lecture on “Why are Goals Important” by Dr. K. Nageswar, Professor, OU, on 18th Jan, 2018.
6. Department organized a Guest Lecture on “Social Engineering” by Dr. Rithvik Ryaka, on 31st Jan, 2018.
7. Department organized a Guest Lecture on “How to be Successful despite obstacles“by Mr. V.Sai Prasad Viswanathan, Technical Consultant, Deloitte, on 15th Feb, 2018.
8. Department organized a Guest Lecture on “Institutional Training Program (PCRA)” by Rajesh Naik, Deputy Assistant Director, PCRA on 21st Mar, 2018.
9. Department organized a Guest Lecture in association with TIME on “Preparation for GATE-2017 & Career Guidance” by Mr. Harish Chaduvula, Assoc. Academics, TIME- Hyderabad, on 21st Aug, 2017.
10. Department organized a Guest Lecture on “Career Guidance” by V.V.K. Rao. V, on 06-09-2017.
11. Department organized a Guest Lecture on “Data Science” by P. Mallikharjuna Rao, on 11-10-2017.

Workshops/ Symposium Organized: 02

1. Dr P V Prasad, A three day workshop title “simulation of power electronic converters (SPEC-2018)” organized by dept of EEE in association with IEEE PES student chapter and EEE association CBIT during 26th to 28th FEB 2018.
2. Dr. T. Murali Krishna as a coordinator conducted three day workshop on “simulation of power electronic converters” during 26th to 28th FEB 2018.