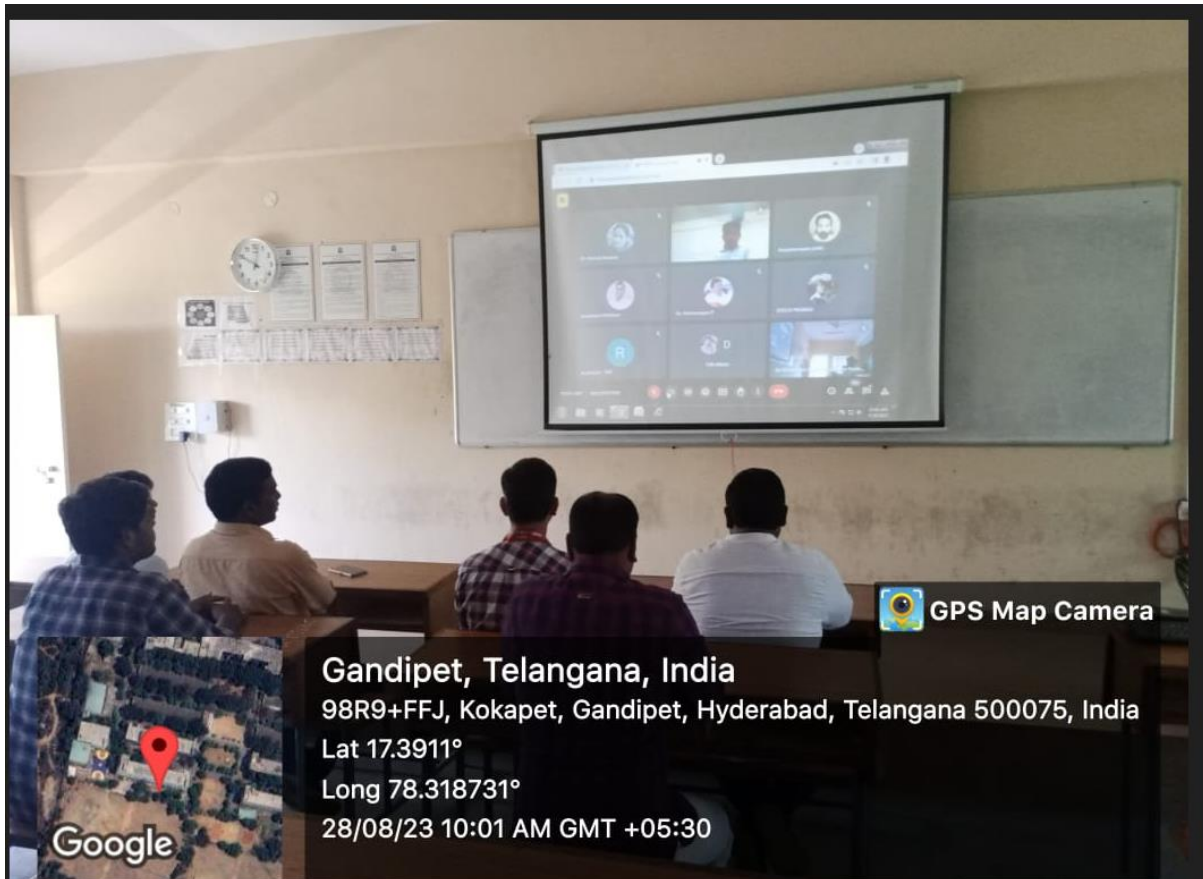


## Department of EEE

### Events Organized in the Academic year 2023-24:

- EEE Dept. organized one-week online Short -Term Course (STC) on “**Smart Grid and Integration of Distributed Generation**” in Association with National Institute of Technical Teachers Training and Research (NITTTR)-Chandigarh from 28/8/23 to 1/9/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Sri N.Santosh Kumar, Asst. Professor. A Total of 30 Participants Registered for the Course and CBIT was a Registered Remote Centre for the Course.



Participants attending the STC at CBIT as a Remote Centre.

- EEE Dept hosted at College level, a 2-Day National Workshop on “**Sustainable India-2023**”, organized by Sustainable and Energy Practitioners Association (SEPA) on 23/8/23 and 24/8/23. Dr. N. Vasantha Gowri, Assoc. Professor was the Convenor, Dr. T.Murali Krishna, Assoc. Professor and Dr. N.Venkata Phanendra Babu, Asst. Professor were the Coordinators for the Workshop.
- EEE Dept. organized one-week online Short-Term Course (STC) on “**Sustainable Development Goals: Challenges and Opportunities**” in Association with National Institute

of Technical Teachers Training and Research (NITTTR)-Chandigarh from 21/8/23 to 25/8/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Dr. Ch. Venkata Krishna Reddy, Asst. Professor, CBIT was a Registered Remote Centre for the Course.

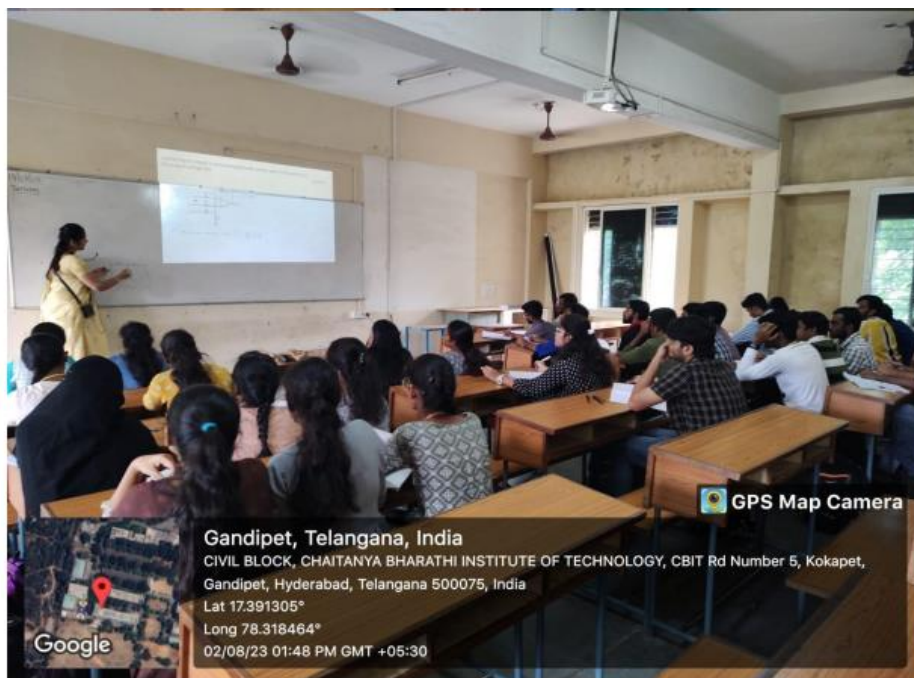
➤ EEE Dept. organized a one-week offline Short Term Training Program (STTP) on “**Placement Oriented Electrical Engineering Training (POET)**” wherein the Target Audience were mainly PG Students. To enhance their Skills in Core Areas, this program in turn helps them in getting Core Jobs. The Program was conducted on 26/7/23, 27/7/23, 28/7/23, 29/7/23, 30/7/23 and 31/7/23. The Coordinators for this Program were Dr. M.BalaSubba Reddy, Professor, Dr. P.Kowsthuba, Assoc. Professor and Dr. P.Vijay Babu, Asst. Professor.



Electrical Circuits being taught by Dr.T. Murali Krishna, Assoc. Professor.



Digital Electronics being taught by Sri C.Harish, Asst. Professor



Analog Electronics being taught by Dr. P.Kowsthuba, Assoc. Professor





Power Electronics being taught by Dr. M. BalaSubba Reddy, Professor and HoD

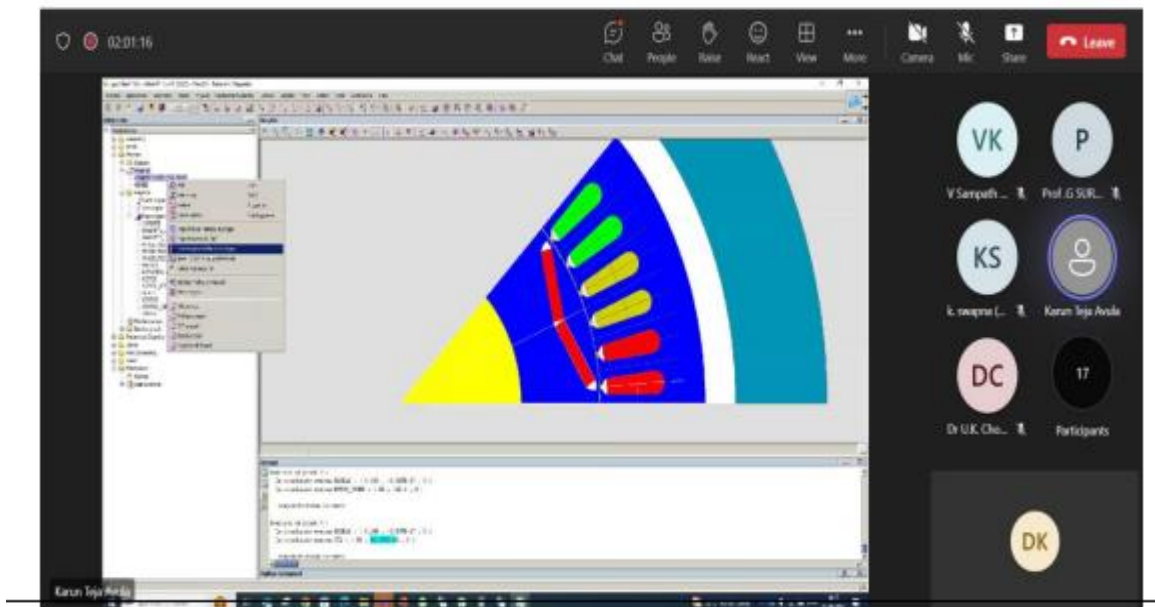


Power System Simulation being taught by Dr. P. Vijay Babu , Asst. Professor

- EEE Dept. organized one-week online Short-Term Course (STC) on “**ANSYS-EM for Electrical Engineering Applications**” in Association with National Institute of Technical Teachers Training and Research (**NITTTR**)-Chandigarh from 17/7/23 to 21/7/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Dr. Ch. Venkata Krishna Reddy, Asst. Professor. CBIT was a Registered Remote Centre for the Course.

## Events Organized in the Academic year 2022-23:

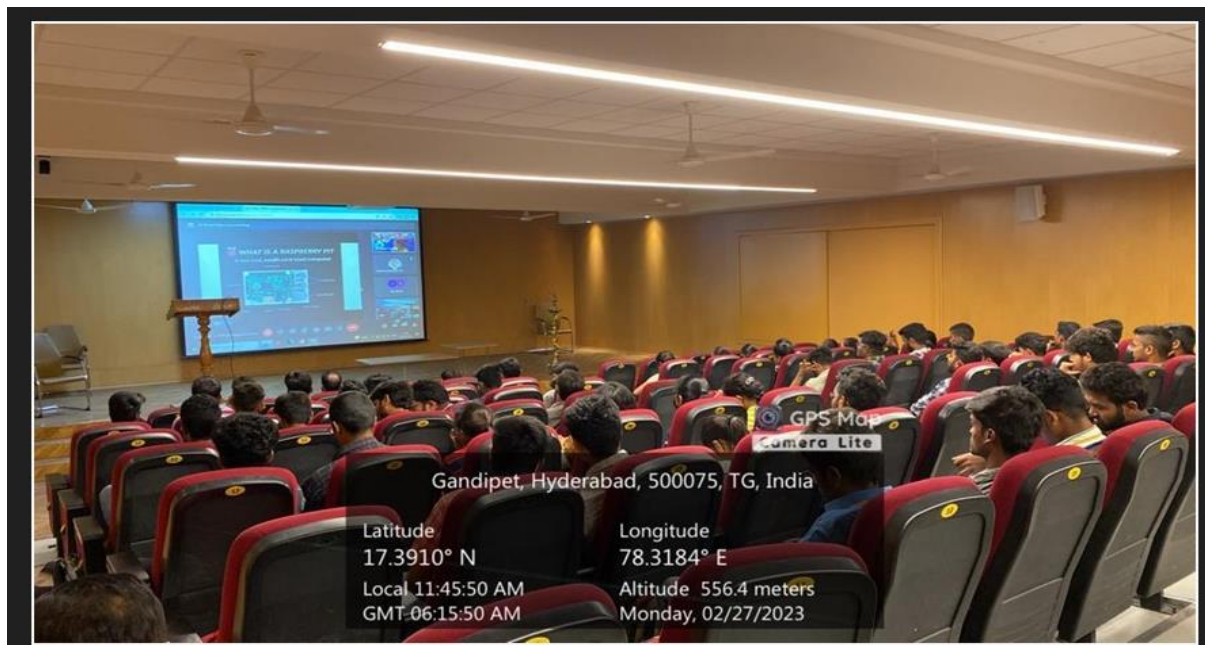
- EEE Dept. organized a 2-Day Online Workshop on “**Altair Flux – A Software Tool for Electromagnetic Modelling of Electrical Systems**” on 28/6/23 and 30/6/23. Dr. Y. Abbas Khan and Dr. Madhulika Das, Asst. Professors were the Faculty Coordinators. A Total of 60 Participants actively interacted and got benefitted from the Workshop.



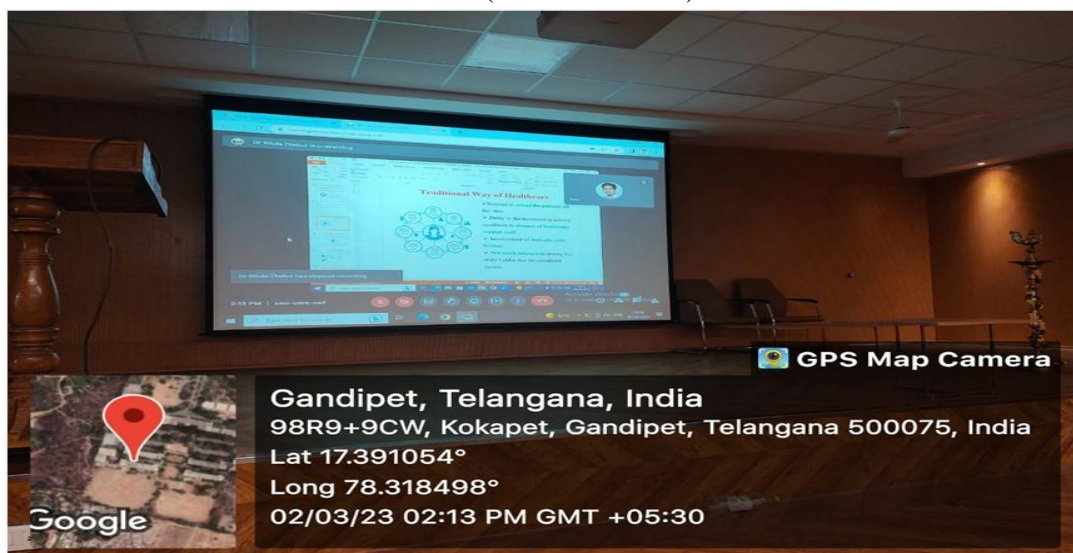
Simulation of PMSM using Altair Flux in being explained by Industry Person.



- EEE Dept. organized one-week online Short-Term Course (STC) on “**Energy Efficient and Decarbonisation Technologies**” in Association with National Institute of Technical Teachers Training and Research (NITTTR)-Chandigarh from 5/6/23 to 9/6/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Sri M.Thirupathiah, Asst. Professor. CBIT was a Registered Remote Centre for the Course.
- EEE Dept. organized one-week online Short-Term Course (STC) on “**Raspberry Pi and its Interfacing**” in Association with NITTTR-Chandigarh from 27/2/23 to 3/3/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Dr. N.Venkata Phanendra Babu, Asst. Professor. CBIT was a Registered Remote Centre for the Course.



Students and Faculty as Participants attending the STC in Seminar Hall at CBIT (Remote Centre).



STC being organized by EEE Dept. CBIT as Remote Centre.

➤ EEE Dept. organized one-week Short Term Course (STC) on “**Big Data Application to Electrical Engineering**” in Association with National Institute of Technical Teachers Training and Research (NITTTR)-Chandigarh from 20/2/23 to 24/2/23. The Faculty Coordinators were Dr. M.Bala Subba Reddy, Professor & HoD and Dr.P.Kowsthuba, Assoc. Professor. CBIT was a Registered Remote Centre for the Course.

➤ EEE Dept. organized a National Level Student Technical Fest **ELECTRET-2023**, under the banner **SUDHEE-2023** from 31<sup>st</sup> Jan- 2023 to 1<sup>st</sup> Feb- 2023. Sri Santosh Kumar and Sri C. Srisailam, Asst. Professors were the Faculty Coordinators.

➤ EEE Dept. organized a week-long **National Energy Conservation Week Celebrations- 2022(NECW-2022)** from 14<sup>th</sup> to 20<sup>th</sup> Dec-2022, under Energy Savers’ Club by name Chaitanya Urja, under the Aegis of Energy Conservation Mission, IE (I). The Event is **financially supported by TSREDCO, Govt. of Telangana** and was conducted through both online and offline modes.

Dr. N.Vasantha Gowri, Asst. Professor was the Convenor and Dr.B. Krishna Chaitanya, Asst. Professor was the Coordinator for the Event. The Theme of the Event was “IoT Enabled Energy Conservation”. Various Activities held were Energy Campaign, Energy Walk, Energy Talk, Energy Competitions for students, Technical Quiz, Energy Seminars, Workshop, Idea Presentations, Project Exhibitions, etc. Over 100 students and around 20 Faculty members Participated in the Event.



Prof. G.Suresh Babu, HoD, Dept. of EEE explaining to students about Importance of Energy Conservation.





Dr.B. Krishna Chaitanya, Coordinator of NECW, giving details of schedule of Events.

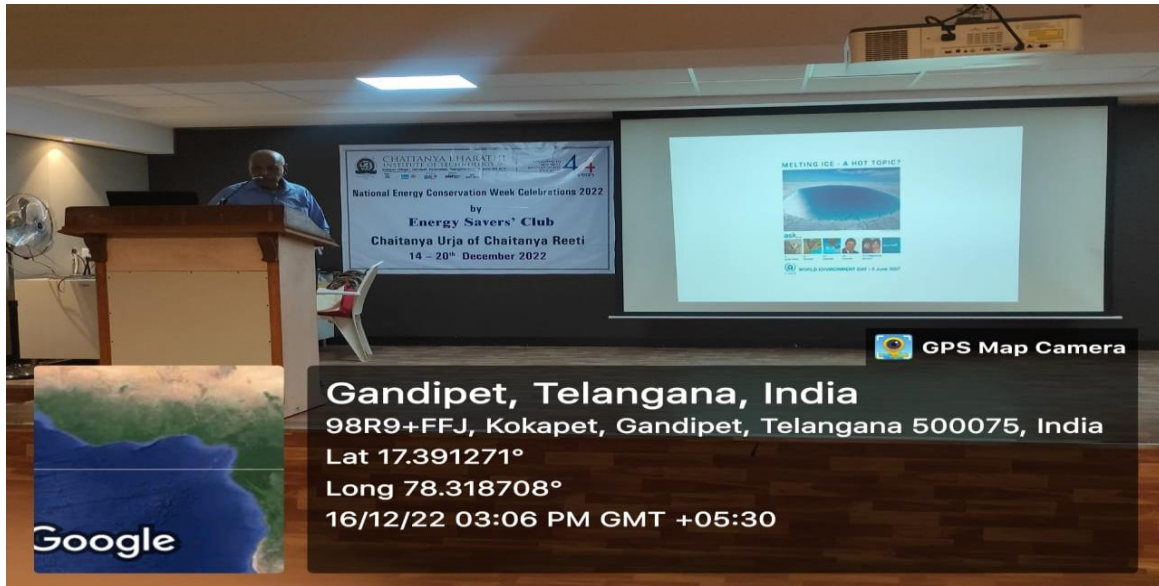


Energy Campaign initiated at the CBIT Campus by EEE Faculty and Students.

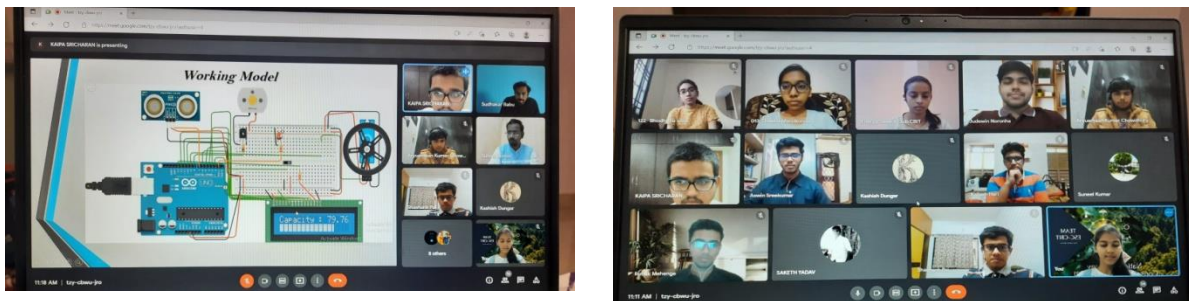


EEE Students active participation in Energy Campaign throughout the CBIT Campus and also in Neighbouring Engg. College MGIT, creating awareness among the public about Energy Conservation by raising Energy Conservation slogans with placards.

- Energy Pledge was also taken by Staff and Students, to save Energy for Future. Workshop was also conducted on “Energy Conservation through IoT devices and Technologies”.



Sri G.Harihara Iyer, Energy Auditor and Consultant had shared his expertise in the area of Energy conservation with the Students.

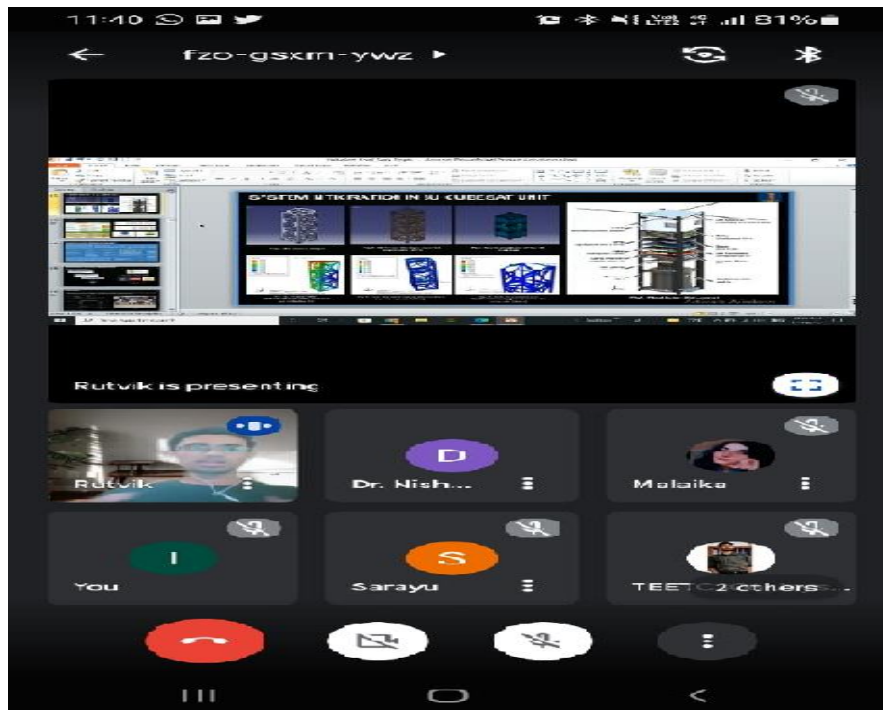


Project Presentations on IoT were organised in online mode, wherein over 50 students participated across India.



Project Exhibition on IoT Enabled Energy Conservation being done by Final Year Students.





Idea Presentations based on “IoT” given by students in online mode.



Energy Walk by the EEE students of CBIT at People's Plaza,Hyderabad.



Energy Extempore with the theme of “Internet of Things” was organized for Students.

- On the occasion of **NECW 2022**, Dr. G. Suresh Babu, HoD of EEE, CBIT(A) has delivered a lecture on “**Sustainable Development Goals- Mapping to Mahabharatha**” on 19th December-2022, at the **Institute of Engineers-India (IEI)**, which is one of the largest Multi-Disciplinary Professional Body of Engineers located at Khairatabad, Hyderabad.





Dr. G. Suresh Babu being felicitated by IEI, after delivering the Lecture.

➤ EEE Dept. organized a One-day Workshop on “**Intensive Hands-on Development Workshop on Block Chain Web3 and D-Apps**” in association with Solana Developers India Tour on 06-12-2022. Sri M. Thirupathaiah and Sri D.Harsha were the Faculty Coordinators. **Mr. Zoheb Shahzan(CBIT-Alumnus of 2019 batch)** was the Invited Resource Person. Total no. of EEE Students participated in the Workshop were 62 and students from CSE and IT Depts. also participated and they were around 59 in number.



Student Participants undergoing hands-on training in the Workshop organised in the Seminar hall.

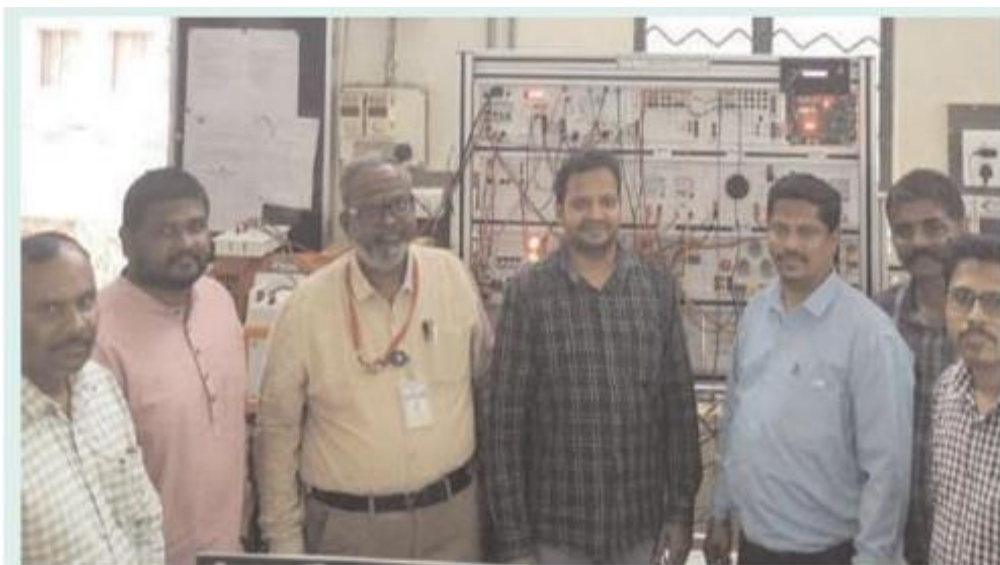


Resource Person (**CBIT Alumnus**) being Felicitated by Prof.R.Ravinder Reddy, Principal.

- EEE Dept. represented in the IIC-Regional Meet, MoE's Innovation Cell (Govt. of India), organized at Sree Nidhi Institute of Science and Technology, Hyderabad on 12-8-2022.

## **Events Organized in the Academic year 2021-22**

- . 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.
- 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.

- 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.
- 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.
- 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.

- 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.
- 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.

- Dr. K.Krishnaveni organised as Convenor for 3 day workshop on “Universal Human Values-II: Understanding Harmony” by CBIT from 20 -22, September 2021.
- 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.
- 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

- Dr.T.Murali Krishna as a coordinator Dr.N.Vasantha 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 3<sup>rd</sup> Aug, 2020 to 8<sup>th</sup> Aug, 2020.
- 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 2<sup>nd</sup> Nov, 2020 to 7<sup>th</sup> Nov, 2020.
- Dr.T.Murali Krishna as a coordinator Dr.N.Vasantha 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 22<sup>nd</sup> Feb, 2021 to 27<sup>th</sup> Feb, 2021.
- Department organized a two-week skill development program for Technical Non-Teaching Staff titled on " **Laboratory Experiments Analysis for Reinforcement of Nexus (LEARN)**", at CBIT, Hyderabad on 18<sup>th</sup> Jan, 2021 to 30<sup>th</sup> Jan, 2021.
- Dr.K.Krishnaveni organized workshop on “Semester Readiness Program (in- house) “ for ODD SEM. as Director of Academics at CBIT, Hyderabad from 22,23<sup>rd</sup> NOV 2020 & 2<sup>nd</sup> and 3<sup>rd</sup> Dec 2020.
- Dr.K.Krishnaveni organized workshop on “Semester Readiness Program (in- house)” for EVEN SEM as Director of Academics at CBIT, Hyderabad on 31<sup>st</sup> March, 2021.
- Mr.M.Thirupathaiah organized workshop titled "Applications of AI Techniques to Power System Problems" on 30<sup>th</sup> & 31<sup>st</sup> March 2021 at 2.30-3.30 PM.
- 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
- Sri D.Harsha Organized Dept. level Annual Alumni meet as Alumni coordinator at CBIT on 25<sup>th</sup> December 2020.
- Department of EEE organized One Day workshop on " Detailed Awareness for Novice (DAWN)" at CBIT, Hyderabad, 09-09-2020.
- Dr.P.Venkata Prasad organized a webinar titled “Advanced Power Converters for future Power Grids” at CBIT, Hyderabad (Online) on 10<sup>th</sup> March, 2021.

- Dr.M.BalaSubbaReddy organized a webinar on “Building product portfolios through innovation”(New Product Creation & Commercialization)” at CBIT, Hyderabad on 30<sup>th</sup> January, 2021.
- Dr.M.BalaSubbaReddy organized a webinar on “Building product portfolios through innovation” ((Product lifecycles & portfolio management)” at CBIT, Hyderabad on 6<sup>th</sup> Feb,2021.
- Sri N. Santosh Kumar organized a webinar on“Employability Skills for Electrical Engineers (As a part of MoU with HIEE)” at CBIT, Hyderabad on 22<sup>nd</sup> Nov, 2020.
- 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 28<sup>th</sup> March, 2021.
- Dr. T. Sudhakar Babu organized a webinar titled “Advanced Power Converters for future Power Grids” at CBIT, Hyderabad (Online) on 10th March 2021.
- Dr. T. Sudhakar Babu organized a webinar titled “EMI/EMC IN Power Converters” at CBIT, Hyderabad (Online) on 15th May -2021.
- Dr. Ahmad Syed and Sri C.Srisailam organised a Guest Lecture on “Sustainable Development of Buildings and Green Building Fundamentals” on 9<sup>th</sup> June-2022 from 10:15AM to 11:45AM by Sri G.Harihara Iyer,President of IAEMP at the Seminar Hall.
- Dr. Ahmad Syed organized a Guest Lecture on “ AI Applications to Power Electronics—Challenges and Opportunities on 1-6-2022.
- . 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.
- . 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.
- . 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.
- 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



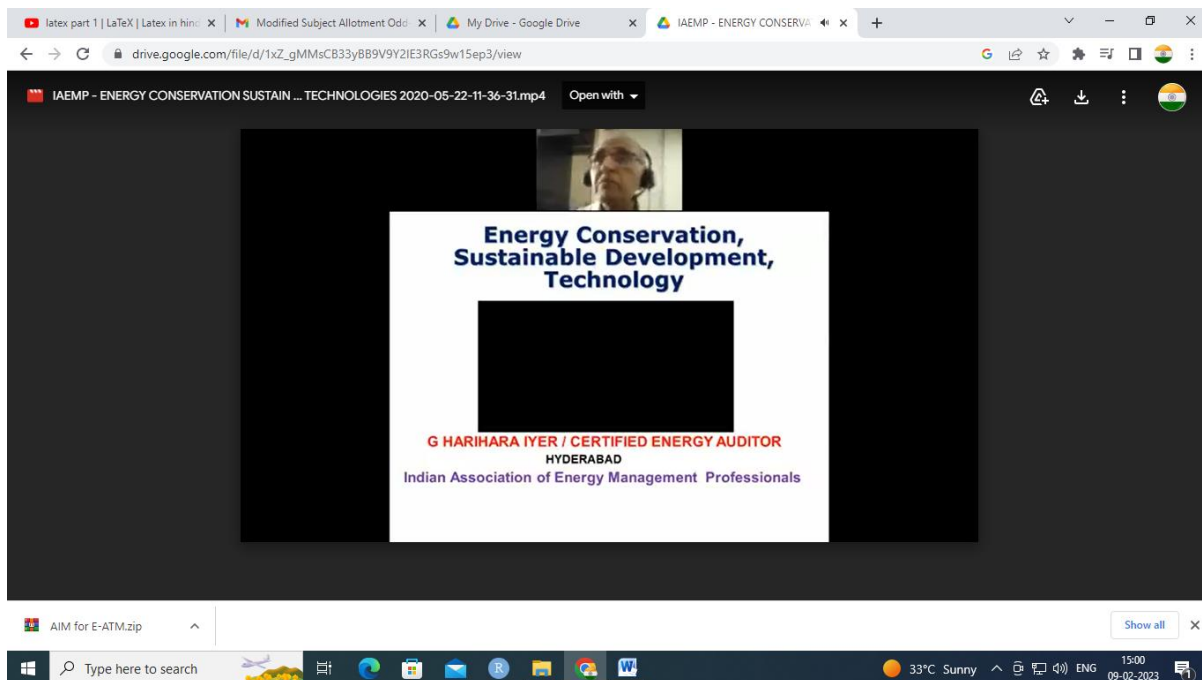
- Department organized Guest lecture Online titled on “Doing MBA-Abroad ”, at CBIT, Hyderabad (online) on 29th June, 2020, by Alumni (2010) Ms.O. Divya, Senior Software Engineer Delloite.
- . Department organized Guest lecture Online titled on " Career Insights ", at CBIT, Hyderabad (online) on 10th July, 2020, by Alumni (2013) Mr. Arun kasyap, Co-founder DLT labs {Start -up}
- 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, Business system consultant Wells Fargo.
- 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:

➤ EEE Dept. jointly organized with all other Depts, a series of 7 Webinars (online) on “**Bharateeya Chaitanyam**” under Chaitanya Samskruthi Club of CBIT from 29<sup>th</sup> June, 2020 to 5<sup>th</sup> July, 2020, during the Nation-wide Lockdown Period. **EEE Dept. was the major Contributor in organizing this Webinar Series.** Prof. G.Suresh Babu, HoD Dept. of EEE was the Chief-Convenor and Dr.P.Kowsthuba, Assoc. Professor, Dr. N.Vasanth Gowri and Sri M.Nagaraju were the Coordinators from EEE Dept.

The Webinar Series is organized mainly to appraise the Ethics and Human Values within us and to interpret the Concept of Environment and Sustainable Living. Eloquent Speakers from various fields were invited to speak on Contemporary Topics.

➤ EEE Dept. organized a Webinar-Trio (online) on “**Artificial Intelligent Methods for Energy-Auditing, Technologies and Management**” in Association with Indian Association of Energy Management Professionals (**IAEMP**) during the Nation-wide Lockdown Period from 21<sup>st</sup> -23<sup>rd</sup> May, 2020. Sri C.Srisailam and Sri D.Satish, Asst. Professors were the Coordinators.



Webinar Session organized in Online Platform by EEE Dept.



## CONTENTS ( 60 Minutes )

1. IAEMP / Sustainable Development / Education 5 minutes
2. Global Warming and ill effect 5 Minutes
3. Importance of Energy Conservation
4. Energy Efficiency Benefits.
5. Energy Saving Potential. 25 Minutes
- 6 . Energy Conservation Act – 2001.
- 7 . Energy Audit Objectives and Methodology.
- 8 .Measuring Instruments
- 9 Technology Development and Applications.
- 10 Automation Automobile manufacture Video
- 11 IIoT, Artificial Intelligence, Big Data Analytics 25 Minutes
- 12 E Vehicles, Energy storage System

Speaker Sri **G. Harihara Iyer** sharing the Current developments in the field of Energy Audit, with the Participants.

### International Conference organized: 01

- 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 29<sup>th</sup> to 31<sup>st</sup> Aug 2019.



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

- 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 25<sup>th</sup> to 31<sup>st</sup> Nov 2019.
- Prof. G. Suresh Babu as a Convener, Dr. T. Muralikrishnaas a Co-Convener, C. Harish , D Harsha and Dr. N. V. PhanendraBabuas a co-ordinators organized Two Week Online Training/ Internship Course , **“VIDYUT PRASIKSHANA (VIPRA) – on SIMULATION TOOLS FOR ELECTRICAL & ELECTRONICS ENGINEERING”**, at CBIT, Hyderabad, during 8<sup>th</sup> -20<sup>th</sup> June, 2020.



- 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& 16<sup>th</sup>-Oct 2019.



#### Workshop Session

- 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 14<sup>th</sup> -20<sup>th</sup> Dec, 2019.
- 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.
- C. Harish and D Harsha as a coordinator organized 2 day National Level symposium “Electret-2019” under the banner of Sudhee-2019 during 13<sup>th</sup> and 14<sup>th</sup> Sept, 2019.
- Dr. M. Balasubbareddy as principal investigator and Dr. P.V.Prasad as Co- PI bagged a Research Project titled “Development of low cost flexible quality conditioner to mitigate power quality issues” under Research promotion scheme (RPS), AQIS, AICTE, Sanctioned on 16-12-2019 with an amount of 24,80,000 rupees.

### Events Organized in the Academic year 2018-19

- Department got Sanctioned total amount of Rs. 17.39 Lakhs for Establishment of “Special Electrical Machines” Lab under MODROBS Scheme by AICTE on 30<sup>th</sup> April, 2019.

- Department organized a National Level Student Technical Fest by name “ELECTRET-2018”, under the banner SUDHEE-2018. On 28<sup>th</sup> & 29<sup>th</sup> September.
- Dr G. Yesuratnam, Professor, EED,O.U delivered the key note address on “Gas Insulated Sub-Stations”.



Release of Poster of ELECTRET-2018

- 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 16<sup>th</sup> July, 2018.
- Dr. K. Krishnaveni, coordinated a five day online Short Term Training Programme (STTP) on “NBA Accreditation” in association with NITTTR, Kolkata during 22<sup>nd</sup> to 26<sup>th</sup> Apr, 2019.
- 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 4<sup>th</sup> to 8<sup>th</sup> Feb, 2019.
- 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 26<sup>th</sup> June, 2019.

➤ 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

➤ 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.

➤ 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 7<sup>th</sup> July, 2018.

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

## **Events Organized in the Academic year 2017-18**

➤ The EEE 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 13<sup>th</sup> -25<sup>th</sup> 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]

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



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

- 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 14<sup>th</sup> May, 2018, under VIKASA.
- Department organized a Guest Lecture on “IOT/AR & VR, Workshops & Intern program in Incubation Development centre, by Mr.Ashish Chinthakayala, Director, on 3<sup>rd</sup> Jan 2018.
- Department organized a Guest Lecture on “Why are Goals Important” by Dr. K. Nageswar, Professor, OU, on 18<sup>th</sup> Jan, 2018.
- Department organized a Guest Lecture on “Social Engineering” by Dr. Rithvik Ryaka, on 31<sup>st</sup> Jan, 2018.
- Department organized a Guest Lecture on “How to be Successful despite obstacles“by Mr. V.Sai Prasad Viswanathan, Technical Consultant, Deloitte, on 15<sup>th</sup> Feb, 2018.
- Department organized a Guest Lecture on “Institutional Training Program (PCRA)” by Rajesh Naik, Deputy Assistant Director, PCRA on 21<sup>st</sup> Mar, 2018.
- 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 21<sup>st</sup> Aug, 2017.
- Department organized a Guest Lecture on “Career Guidance” by V.V.K. Rao. V, on 06-09-2017.
- Department organized a Guest Lecture on “Data Science” by P. Mallikharjuna Rao, on 11-10-2017.
  
- A three-day workshop titled“**Simulation of Power Electronic Converters (SPEC-2018)**” organized by dept of EEE in association with **IEEE PES** student chapter and EEE association CBIT during 26<sup>th</sup> to 28<sup>th</sup> FEB 2018.Dr. T. Murali Krishna as a coordinator conducted tthree-dayworkshop on “simulation of power electronic converters” during 26<sup>th</sup> to 28<sup>th</sup> FEB 2018.

## Events Organized in the Academic year 2016-17:

➤ EEE Dept. organized a three-day **R & D Conclave** on “**Challenges and Opportunities in Research and Development for Power and Energy**”, which was a Multidisciplinary type Conclave meant for EEE ,Mechanical and Civil Engg. Streams. It was organized from 01/02/2017 to 03/02/2017, which was first of its kind in CBIT and was sponsored by TEQIP-II.

The Conclave aimed at Various Interactive Sessions and Invited Talks leading to framing of new research topics for the Researchers.The Resource persons are mainly Invited from Reputed Industries and Research organizations like CPRI,BHEL,NTPC,PowerGrid,etc.The Chief Guest for the Conclave was Prof. A.K.Tripathy,Director General(Retd.),C.P.R.I, Bangalore.Dr P.V.Bala Subrahmanyam,Professor was the main Coordinator and Dr.T.Murali Krishna and Sri I.Pranav Asst. Professors were the Co-cordinators for the R & D Conclave.



Inaugural Function of the R & D Conclave in the Seminar Hall. Prof. B.Cheenakesava Rao, Principal addressing the Participants.





Release of Soft Copy of the Souvenir by the Dignitaries of the R & D Conclave.

- EEE Dept. organized **National Energy Conservation Week Celebrations**, under Energy Savers Club, CBIT and TNREDCL from 14/12/2016 to 20/12/2016. Dr. G. Suresh Babu was the Convener, Smt. N. Vasantha Gowri and Dr. T. Muralikrishna were the Co-conveners for the Event.
- EEE Dept. organized the 2nd National Conference titled '**Recent Trends in Power Systems and Drives-2016**' (RTPSD-2016), during 28<sup>th</sup> -29<sup>th</sup> October 2016. Dr. B. Suresh Kumar and Smt. N. Vasantha Gowri were the Coordinators for the Conference.



Inaugural Function of the National Conference (RTPDS-2016).

- Dept. of EEE organized a one-week Technical Staff Development Program titled “VISRUTHA-2016” during 25<sup>th</sup> -30<sup>th</sup> July 2016. The Program's objective is to enhance the technical skills of the Lab Assistants/Technicians of various Labs. The Event was supported by **TEQIP-II**.






Inaugural Function of VISRUTHA-2016, held in EEE Seminar Hall.

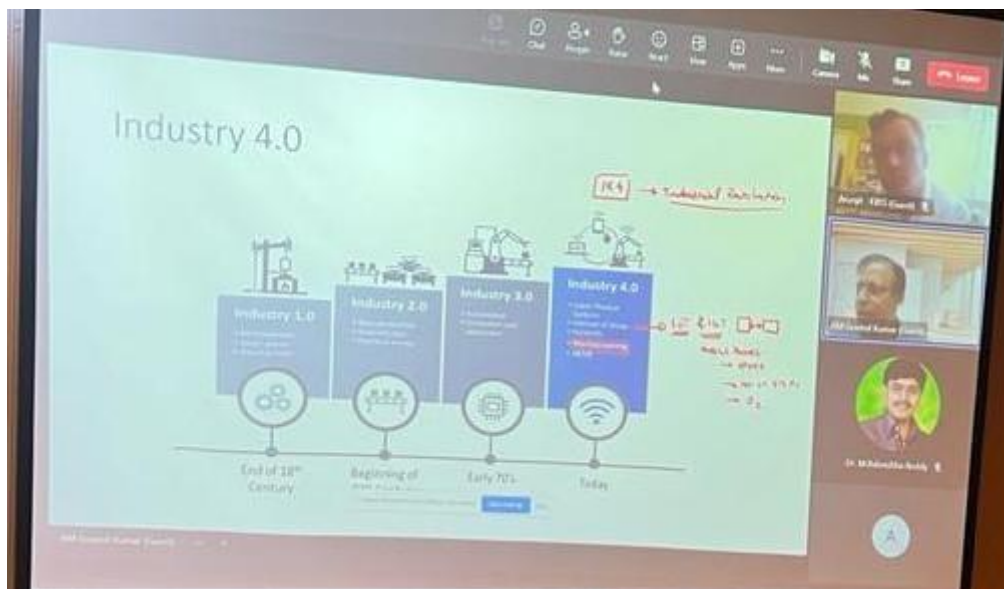
## Department of EEE



A Three Day MATLAB Training Program on “Simulink, HDL code generation, Medical Imaging, Optimization, Electric vehicle, Machine & Deep Learning Toolboxes” by Mr. J. Prem Kumar, Product Manager, Capricot Technologies Private Limited during 03-07-2023 to 05-07-2023.



 <b>CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY</b> An Autonomous Institute   Affiliated to Osmania University Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbti.ac.in <small>Approved by: Government of Telangana, Hyderabad</small> <small>Recognized by: UGC, AICTE, NBA, NAAC, NIF, ISO 9001:2015</small> <small>Accredited by: NAAC, NIF, ISO 9001:2015</small> <small>Established in: 1978</small>		COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 
<b>Department of EEE, CBIT</b> <b>Presents</b> <b>A Guest Lecture</b> <b>on</b> <b>“Automated Machine Learning for Electrical Engineering”</b>		
<p><b>Date</b> 20<sup>th</sup> Sept 2023, Wednesday</p> <p><b>Time</b> 2:00 – 3:00 PM (IST)</p> <p><b>Microsoft Teams meeting link to Join:</b> <a href="https://teams.microsoft.com/j/19%3ameeting_YzN">https://teams.microsoft.com/j/19%3ameeting_YzN</a></p> <p><b>Patron</b> <b>Prof.C.V.Narasimhulu</b> Principal, CBIT(A), Hyderabad Telangana-500075</p> <p><b>Event Coordinator</b> <b>Prof. M.Bala Subba Reddy</b> Head of the Department EEE, CBIT(A), Hyderabad <a href="mailto:balasubbarreddy_eee@cbti.ac.in">balasubbarreddy_eee@cbti.ac.in</a></p>	<p><b>Abstract</b> This talk covers the basics of machine learning, including supervised and unsupervised learning as well as automated machine learning.</p> <p><b>About the speaker</b> <b>Sri. AM. Govind Kumar</b> received his B.Tech degree in Computer science engineering from Anna university Guindy Chennai in 1997, and his MBA degree in Marketing systems from Bhatathidasan Institute of Management in 1999.</p> <p>He then served as a SeaportAi   Director 2017 – Present, Product Development and Business Development with a focus on Fraud Risk, Customer Experience &amp; Intelligent Automation, Sectors covered: Banking, Insurance, Telecom, Manufacturing, Zeb Pay (Crypto/Blockchain) Vice President 2021 – 2022. Managed Operations &amp; Partners, Drove OKR (Objectives &amp; Key Results) implementation, Hewlett Packard Multiple Leadership Roles - Sales, Operations, Quality, Strategy &amp; AI ML 2005 – 2017. Managed large multi-cultural and multi-national teams, Led Design thinking-based Product Development program of PC products for emerging markets (China, India, Brazil, Southeast Asia), Set up Centers of Excellence (CoE) for Service Analytics &amp; Fraud Detection. Airtel Manager 2001 – 2005. Part of the startup project team. Set up process architecture and managed operations Vyapin Software Systems (E-Commerce Venture). Business Development Manager 2000 – 2001. Excellent technical skills in AI ML Python covering Machine Learning, Deep Learning and NLP Data Visualization Power BI Auto ML Google Vertex Six Sigma Green &amp; Black Belt Many books written by him like Comprehensive Machine Learning AI For Executives and Customer Escalation is a Gift.</p> 	



Guest lecture on “Automated Machine Learning for Electrical Engineering” on 20-09-2023 by Sri. AM. Govind Kumar, Director, seaport Ai.



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EDUCATION

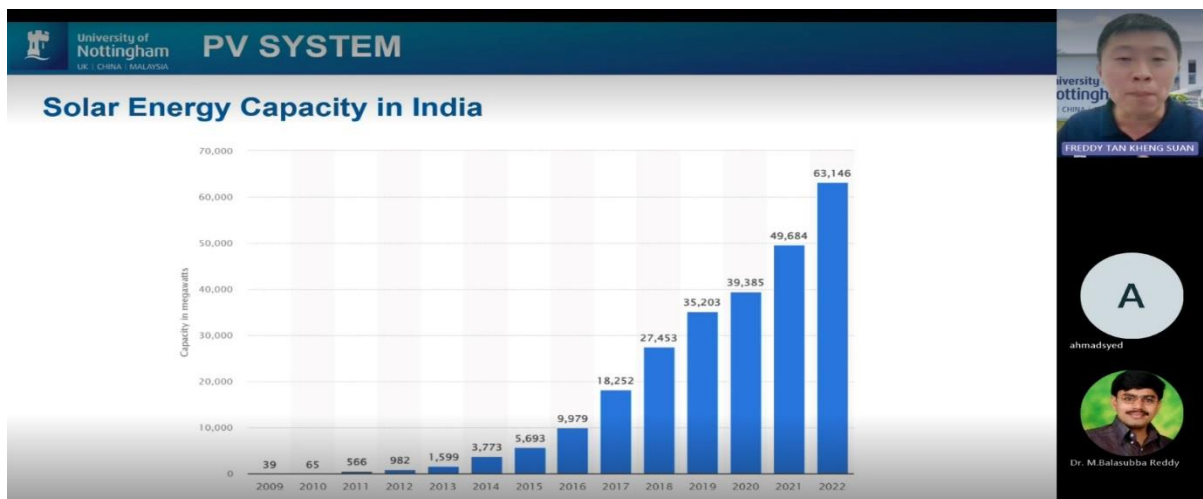


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**Department of EEE, CBIT  
Presents**

**A Guest Lecture  
on  
"Grid-Connected Photovoltaic System"**

<p><b>Date</b> 20<sup>th</sup> Sept 2023, Wednesday</p> <p><b>Time</b> 09:10 – 11:10 AM (IST)</p> <p><b>Teams link to Join:</b> <a href="https://teams.microsoft.com/j/meetupjoin/19%3a5e7Gu4yQS8Ht2nt6k3XV7MFddGSAQi4Ls4E9RsjK41">https://teams.microsoft.com/j/meetupjoin/19%3a5e7Gu4yQS8Ht2nt6k3XV7MFddGSAQi4Ls4E9RsjK41</a></p> <p><b>Patron</b> <b>Prof.C.V.Narasimhulu</b> Principal, CBIT, Hyderabad Telangana-500075</p> <p><b>Advisors</b> <b>Prof. M.Bala Subba Reddy</b> Head of the Department EEE, CBIT, Hyderabad</p> <p><b>Event Coordinator</b> <b>Dr. Ahmad Syed</b> Asst. Prof, EEE Dept., CBIT <a href="mailto:ahmadsyed_eee@cbti.ac.in">ahmadsyed_eee@cbti.ac.in</a></p>	<p><b>Abstract</b></p> <p>This talk covers an overview of grid-connected photovoltaic (PV) systems, including the PV system configurations, PV characteristics, maximum power point tracking (MPPT), wide bandgap devices, inverter topologies and control structures. The PV inverter, particularly microinverter, will be reviewed and discussed in detail.</p> <p><b>About the speaker</b></p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><b>Dr. Freddy Tan Kheng Suan</b> received his B.Eng degree in Electrical Engineering from the Multimedia University in 2010, and his PhD degree in Power Electronics from University of Malaysia in 2015.</p>  </div> <div style="flex: 1; padding-left: 10px;"> <p>He then served as a postdoctoral researcher in UMPEDAC, University of Malaya in 2015 and as a Senior Lecturer in Asia Pacific University of Technology &amp; Innovation in 2016. He then served as a postdoctoral researcher in UMPEDAC, University of Malaya in 2015 and as a Senior Lecturer in Asia Pacific University of Technology &amp; Innovation in 2016. He is currently an Associate Professor at Department of Electrical and Electronic Engineering, University of Nottingham Malaysia. Dr. Freddy is the recipient for Merdeka Awards for International Attachment 2021 and ASEAN-ROK Exchange Fellowship 2016. He was also awarded with FRGS grant in 2018, and APU internal grant in 2019 and 2021. He is the national advisory committee and the organising chair for several international conferences. Dr Freddy's research interests are photovoltaic converters, electric vehicle chargers and wide bandgap devices. He has served as consultant for photovoltaic converters and electric mobility projects from MIMOS, Malaysian Green Technology and Climate Change Corporation (MGTC) and The Chartered Institute of Logistics and Transport (CILT).</p> </div> </div>
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Guest lecture on “Grid connected Photovoltaic system” by Dr. Freddy Tan Kheng Suan, Associate Professor, Dept. of EEE, University of Nottingham, Malaysia, on 20-09-2023.

# EXPERT TALK on

## Testing of Static/ Smart Meters as per National and International Standards



THURSDAY, 1 FEB  
2PM - 3PM

Register Now



### ***Peta Sukumar***

Senior Engineering Officer at  
Central Power Research Institute

#### **Contacts**

##### **FACULTY CO-ORDINATORS**

DR. M. BALASUBBA REDDY

DR. P. V PRASAD,

##### **STUDENT CO-ORDINATORS**

S. SAITEJA 9182016030

A. PALLAVI 8179012483

Guest lecture on “Testing of Static/Smart Meters as per National and International Standards” by Sri. P. Sukumar, Senior Engineering Officer, Central Power Research Institute, on 01-02-2024.





One Week Faculty Development Program (FDP) on “Exploring the Significance of Indian Knowledge Systems (IKS) in the Context of National Educational Policy (NEP)2020-The Role of Higher Educational Institutions (HEI)”, during 05-02-2024 to 10-02-2024.










Two-day workshop for the Diploma students of Ratnapuri Institute of Technology - College of Polytechnic (RIT-COP) organized by the ACIC-CBIT GRIP during 16-02-2024 & 17-02-2024.



**Resource Persons**

Organised by  
  
**Department of EEE**

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MHRD  
GOVERNMENT OF INDIA  
  
PARC  
Centre for Promotion of Academic and Research Collaborations

 <b>Dr. Sastry Pamidi</b> Professor and Chair FAMU-FSU College of Engineering Tallahassee, USA	 <b>Dr. Omar Faruque</b> Associate Professor FAMU-FSU College of Engineering Tallahassee, USA	 <b>Dr. Olugbenga Anubi</b> Assistant Professor FAMU-FSU College of Engineering Tallahassee, USA	 <b>Dr. Peter Cheetham</b> Assistant Professor FAMU-FSU College of Engineering Tallahassee, USA
 <b>Dr. Hassan Haes Alhelou</b> Senior Research Fellow Monash University, Clayton, Australia	 <b>Dr. Muhammad Khalid</b> Associate Professor King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia	 <b>Dr. Jagriti Saini</b> Founder, Eternal RESTEM, Chandigarh, India	 <b>Dr. M. Balasubbarreddy</b> Professor CBIT (Autonomous), Hyderabad, India
			 <b>Dr. P. Venkata Prasad</b> Professor CBIT (Autonomous), Hyderabad, India

One Week Indo-US International Workshop on “IoT and ML Based Microgrid & Energy Management” during 19-02-2024 to 23-02-2024



A value-added course on “Superconducting materials” by Dr. Sastry Pamidi, Professor and Chair, FAMU-FSU College of Engineering Tallahassee, USA



A value-added course on “Electric Vehicle Technology” during 24-04-2024 to 03-05-2024. Demonstration by Er. Deepesh Kumar Barla-Co-Founder & M.D., EVERTRON Energies PVT Ltd.

**On the Occasion of  
ELECTRICAL SAFETY WEEK  
An Online Short Term Training Program (STTP)**

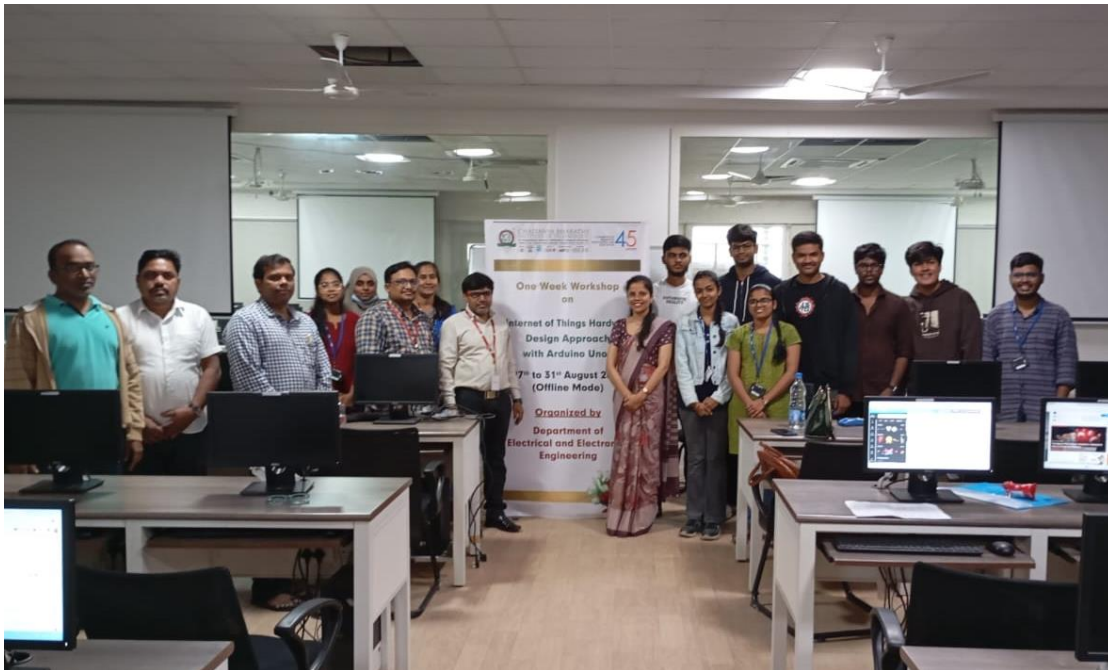
**ELECTRICAL SAFETY - CHALLENGES AND SOLUTIONS**  
(Department of EEE, CBIT in association with National Safety Council)

**26 June 2024**      **RESOURCE PERSONS**      **02 July 2024**

 <b>Dr. P. Lakshmi narayan</b> Public Health Physician	 <b>Sri. Enagurthi. Srinivasa Chary</b> Executive Engineer	 <b>Sri. G.K. Anand</b> Certified Energy Auditor
 <b>Dr. Kiran Kumar Amireddy</b> Assistant Professor MED.CBIT	 <b>Dr. B. V. S. RAO</b> Assistant Professor MED. CBIT	 <b>Sri. A.R. Venkitaraman</b> Rtd. Executive Engineer (PSU)

A one-week online Short Term Training Program (STTP) on “Electrical Safety - Challenges and Solutions” under the aegis of the National Safety Council during 26-06-2024 to 02-07-2024.





One Week Workshop on “Internet of Things Hardware Design Approach with Arduino Uno” during 27-08-2024 to 31-08-2024 by Dr. Jagriti Saini Founder, Eternal RESTEM, Chandigarh, India



Guest lecture on “Hybrid Electric Vehicle-Progress in the Era of 21<sup>st</sup> Century” on 27-09-2024 by Dr. O. Chandra Sekhar, Associate Professor, Department of EE, NIT Delhi.



A Short-Term Training Program on “Placement Oriented Electrical Engineering Training (POET)” 26-27 July 2023 and 2,3 and 9 of August 2023.


**Department of EEE, ECE and Civil Engineering**

**National level Online Short Time Course (STC)**  
on  
**“OBE and NBA Accreditation”**  
(07th – 11th August 2023)

**Course Content**

- Overview of OBE and NBA Accreditation
- Bloom’s Taxonomy and Designing OBE based Course Outcomes
- Teaching – Learning Processes for OBE
- Developing OBE based Curriculum
- Outcome based Assessment Methods and Rubrics
- Learning Outcome based Question Paper Setting and Rubrics Development: Case Study
- CO-PO Mapping and Attainment of COs/ POs
- NEP 2020 and OBE
- Applying for NBA: Filling Self-Assessment Report
- Program Evaluation: NBA Expert’s Perspective

**STC Registered for**  
<https://fdp.nitttrchd.ac.in/backingup/>



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Principal, CBIT

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**Dr. K. Jagannadha Rao**  
Professor and HoD, Dept. of Civil Engineering

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Assistant Professor, Dept. of Civil Engineering  
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**Organizing**

**Online Short Term Course (STC)**  
on  
**OBE and NBA Accreditation**  
**07<sup>th</sup> - 11<sup>th</sup> August 2023**

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(Autonomous under UGC)  
Affiliated to Osmania University  
Kokapet (Village), Gandipet,  
Hyderabad - 500075  
Telangana State, India.  
[www.cbit.ac.in](http://www.cbit.ac.in)

An on-line Short Time Course (STC) on “OBE and NBA Accreditation” conducted during 07-08-2023 to 11-08-2023. Resource persons are Dr. Balwinder S. Dhaliwal, Associate Professor, NITTTR Chandigarh, Prof C Rama Krishna, Professor and Head (CSE), NITTTR Chandigarh, Dr. Mahesh Bundele, Director, Poornima College of Engineering, Jaipur, Dr Meenakshi Sood, Associate Professor, NITTTR Chandigarh, Prof. P. K. Tulsi, Ex-Professor, NITTTR Chandigarh, Prof. P. S. Grover, Ex-Head/Dean/Director, Delhi University



**Department of EEE, CBIT**

**National level ICT based Online Short Term Course (STC)**  
on  
**"Sustainable Development Goals: Challenges and Opportunities"**  
(21st – 25th August 2023)  
(ICT-86)

**Training Course Contents:**

- Sustainable Development Goals - An Overview
- Achieving Net Zero Energy and Water for Sustainability
- Nano-materials for Cleaner Environment
- Green Energy Resources
- Green Buildings
- Smart Grid for Sustainable Development
- Air Pollution and its Control
- Carbon Capture and Utilisation into Value added Products
- Green Materials for Sustainable Development
- Electric Vehicle
- Sustainable and Innovative Construction Practices
- Cleaner Technologies for Industrial Sector
- Soil Health Management
- Millets for Food and Environment Sustainability



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Principal, CBIT


**Coordinator**  
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**Co-coordinator**  
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E-Mail: [chkrishnareddy\\_eee@cbit.ac.in](mailto:chkrishnareddy_eee@cbit.ac.in)

**Experts**


- Prof. Poonam Syal, NITTTR-Chandigarh
- Dr. Shivraj Dhaka, Sr. Counsellor, CII-Indian Green Building Council
- Prof. Sandeep Kumar, PEC , Chandigarh
- Er. Rakesh Bhatia, Sr. Vice President, Eco first Services Ltd., Mumbai
- Prof. Lini Mathew, NITTTR, Chandigarh
- Prof. SC Jain, Former Dean & Chairman, Dept. of Chemical Eng. & Tech. PU, Chandigarh
- Dr. Sonal ,MNIT Jaipur
- Prof. Sanjay Sharma NITTTR, Chandigarh
- Dr. Avik Bhattacharya, IIT, Roorkee
- Dr. Amit Goyal, NITTTR, Chandigarh
- Er. Pritpal Singh, Pb State Council for Science & Tech, Chandigarh
- Dr. S Pal, Sr. Scientist, ICAR- IISWCRC

**Department of Electrical and Electronics Engineering**



In Association with NITTTR- Chandigarh

**National level ICT based Online Short Term Course (STC)**  
on  
**"Sustainable Development Goals: Challenges and Opportunities"**  
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[www.cbit.ac.in](http://www.cbit.ac.in)

An on-line Short Term Course (STC) on "Sustainable Development Goals: Challenges and Opportunities" was conducted during 21-08-2023 to 25-08-2023. Resource persons are Prof. Poonam Syal, NITTTR-Chandigarh, Dr. Shivraj Dhaka, Sr. Counsellor, CII-Indian Green Building Council, Prof. Sandeep Kumar, PEC , Chandigarh, Er. Rakesh Bhatia, Sr. Vice President, Eco first Services Ltd., Mumbai Prof. Lini Mathew, NITTTR, Chandigarh, Prof. SC Jain, Former Dean & Chairman, Dept. of Chemical Eng. & Tech. PU, Chandigarh, Dr. Sonal ,MNIT Jaipur, Prof. Sanjay Sharma NITTTR, Chandigarh, Dr. Avik Bhattacharya, IIT, Roorkee, Dr. Amit Goyal, NITTTR, Chandigarh, Er. Pritpal Singh, Pb State Council for Science & Tech, Chandigarh, Dr. S Pal, Sr. Scientist, ICAR- IISWCRC

**Department of EEE, CBIT**  
**Online Short Time Course (STC) on**  
**“Smart Grid and Integration of Distributed**  
**Generation”**

**(28<sup>th</sup> August – 1<sup>st</sup> September 2023)**

**Online STC Course Content**

- ❖ Renewable Energy Sources.
- ❖ Microgrid – Types, Topologies and Control.
- ❖ Design, Development and Implementation of Grid Connected Solar PV System.
- ❖ Measurement based Power Quality Study of EV & DG Integration into the Grid.
- ❖ Smart Grid–Architecture, Standards and Technologies.
- ❖ Resilient Power Grid Improvement with Optimal Allocation of EV and RES.
- ❖ Cyber Security in Smart Grid with some Practical examples.
- ❖ Grid Connected EVs and their related Power Quality Issues.
- ❖ Wind Power Extraction and Grid Connection Techniques.
- ❖ Power Electronic Traction for High Speed Trains.
- ❖ Real Time Simulation of various DG systems and Microgrid using Typhoon HIL.

**STC Registered for**

<https://fdp.nitttrchd.ac.in/backingup/>



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Principal, CBIT

**Convener**

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Mobile: +91-9440666403

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**Dr. Premalata Jena** - IIT, Roorkee.

**Dr. A.V.Ravi Teja** - IIT, Ropar.

**Dr. Moumita Das** - IIT, Mandi

**Dr. Poonam Saini** - PEC, Chandigarh.

**Dr. Ajay Sheoran** - PEC, Chandigarh.

**Dr. Poonam Syal** - NITTTR Chandigarh.

**Dr. Shimi.S.L** - PEC, Chandigarh.

**Dr. Ritula Thakur**- NITTTR Chandigarh.

**Er. Mohini Gunjal**- NITTTR Chandigarh.

**Er. M. Soujanya**-NITTTR Chandigarh.

**Dr. Lini Mathew**-NITTTR Chandigarh.

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[santoshkumar\\_eee@cbit.ac.in](mailto:santoshkumar_eee@cbit.ac.in)



**Department of Electrical and**  
**Electronics Engineering**



In Association with NITTTR- Chandigarh

**Online Short Time Course (STC) on**  
**Smart Grid and Integration of**  
**Distributed Generation**  
**(28<sup>th</sup> August – 1<sup>st</sup> September 2023)**



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[www.cbit.ac.in](http://www.cbit.ac.in)

An on-line Short Time Course (STC) on “Smart Grid and Integration of Distributed Generation” during 28-08-2023 to 01-09-2023. Resource persons are Dr. Gayadhar Panda, NIT, Meghalaya, Dr. Premalata Jena, IIT, Roorkee, Dr. A.V.Ravi Teja, IIT, Ropar. Dr. Moumita Das, IIT, Mandi, Dr. Poonam Saini, PEC, Chandigarh, Dr. Ajay Sheoran - PEC, Chandigarh, Dr. Poonam Syal, NITTTR Chandigarh. Dr. Shimi.S.L, PEC, Chandigarh, Dr. Ritula Thakur, NITTTR Chandigarh, Er. Mohini Gunjal, NITTTR Chandigarh, Er. M. Soujanya, NITTTR Chandigarh, Dr. Lini Mathew-NITTTR Chandigarh.

# SUSTAINABLE INDIA 2023

Advanced Clean Energy Workshops & National Solar Competition 2023

 Date: 23<sup>rd</sup> & 24<sup>th</sup> August



Venue: Chaitanya Bharathi  
Institute of Technology, Hyderabad.

## SPEAKERS



**Mr. D. Chandra Sekhar**  
Addition Development  
Commissioner,  
Government of India,  
Ministry of Micro, Small &  
Medium Enterprises (MSME)



**Mrs. N. Jeevitha**  
Vice Chairman &  
Managing Director,  
Integrans Solar Renewable  
Energy Development  
Corporation Ltd.



**Dr. S. Subbaraj**  
Scientist 'G' and  
Head Centre for Solar  
Energy Materials - AECI



**Dr. Rajaram Rajaram**  
President,  
Sustainability and Energy  
Practitioners Association  
(SEPA)



**Dr. C. V. Narasimha**  
Principal,  
Chaitanya Bharathi  
Institute of Technology,  
Hyderabad



**Mr. M. Suresh Kumar**  
Executive Committee  
Member & Co-Chairman,  
Andhra Chamber of Commerce



**Mr. Kishore Chinnappaiah**  
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