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President CBIT

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Dr. G. Suresh Babu
Prof. & Head of Department- EEE

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Dr. K. Krishna Veni
Prof. & Director-Academics

Dr. P. V. Prasad
Prof. & Controller of Examinations

PROGRAM EVALUATION COMMITTEE

Dr. G. Laxmaiah --MED

Dr. N. Harikrishnan-Ch E D

Dr. T. Murali Krishna -EEE

FACULTY CO-ORDINATORS

Sri C. Srisailam (Coordinator)
Assistant Professor, EEE Dept.
Mobile:9039714123

Sri D. Satish (Co-Coordinator)
Assistant Professor, EEE Dept.
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STUDENT CO-ORDINATORS

N.V.R. Rohith – 7675975971

Yash Sharma – 9866954916

RESOURCE PERSONS:

Illustrious Speakers with Academics, Industry and Research Experience will share the Current Developments in the Field of Energy Audit using AI, on an online Podium

Dr. Ashok Kumar is a Professor PSGCE Coimbatore. Focus of his current Research is on Integration of Renewable Energy Systems in the Smart Grid, Energy Management Solutions and Wearable Electronics. He has 3 years of Industrial Experience and 20 Years of Academic and Research experience.

Mr. Harihara Iyer is a well-qualified Mechanical and Mining Engineer. He is also a Certified Energy Auditor from Bureau of Energy Efficiency since 2006. He is the recipient of Awards from Institution of Engineers, NEDCAP, and others

Dr. Somasundaram is a Lean Six Sigma Practitioner, IIOT and Big Data Enthusiast; Researcher and Voluntary Educator having 18 Plus Years of Hands-on Industrial experience in leading MNC's like Saint Gobain Glass, Valeo, ZF and Siemens.

MODERATOR

Dr. U.K. Choudhury
Professor, EEE Dept.

Director, Incubation & Innovation, CBIT



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**
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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

41
years

Presenting a Webinar-Trio

on

**ARTIFICIAL INTELLIGENCE METHODS
FOR ENERGY - AUDITING,
TECHNOLOGIES, AND MANAGEMENT**

(AIM for E-ATM)

21st – 23rd May, 2020

Organized by



**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**

in Association with



ABOUT COLLEGE:

CBIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana State, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 41 years by producing about 25,000 Eminent and skillful Graduate Engineers, who are successful in their Careers, serving all over the world. The Institute has been Accredited by NBA--AICTE and NAAC--UGC. UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. The Grants received from AICTE/UGC are worth about Rs. 2.5 Crores. Brilliant and Meritorious Candidates with good EAMCET Rank are seeking admissions at CBIT. CBIT Students are prepared and perfected to secure Placements in MNCs through College Career Development Center.



ABOUT EEE DEPARTMENT:

CBIT started Electrical and Electronics Engineering UG Course in 1994 and has been Accredited thrice i.e. in years 2004, 2008 & 2013 by NBA. The intake was increased from 60 to 120 from the Academic year 2013-14. The Department started offering a PG Course in Power Systems and Power Electronics in 2006 with an intake of 18 and was Accredited by NBA in the year 2016. The Department has highly qualified and experienced Faculty and State-of-the-Art Labs, with latest Hardware and Software and is recognized as the Research Centre since 2017 by Osmania University to carry out Research for the Award of Ph.D. Degree. The Department is keen on developing Consultancy Services and welcomes funding Research from outside agencies. In the year 2019-20, the Department has received a funding of Rs.2,72,000 under AICTE-STTP Scheme for MATLAB Research Methodology Project, Rs.4,80,000 under AICTE-STTP Scheme for Hybrid Electric Utilities Project and Rs.11,00,000 under AICTE-RPS Scheme for Development of Low-Cost Flexible Quality Conditioner to Mitigate Power Quality Issues and MODROBS for special Electrical Machines to the tune of Rs.17 Lakhs. The Department is Certified by ISO 9001:2008.

OBJECTIVE OF THE WEBINAR

An Energy Audit is an Inspection Survey and an Analysis of Energy flows for energy conservation in a Building. It may include a Process or System to reduce the quantum of Energy input into the System without negatively affecting the output. AI is Revolutionizing every field of Engineering by impacting the outcomes.

TOPICS TO BE COVERED:

- ✚ **May 21:** E-TEMP (Emerging Technologies for Energy Management and Practices) by Dr. Ashok Kumar (Professor, PSGCE, Coimbatore).
- ✚ **May 22:** IAEMP (Energy Conservation, Sustainable Development, and Technologies) and will be delivered by Mr. Hariharalyer from IAEMP.
- ✚ **May 23:** E-EAT (Efficient Energy Auditing Techniques) by Dr. Somasundaram Bala Subramanyam, Former Secretary IAEMP & senior member ISA.

REGISTRATION DETAILS:

- A uniform fee for all: ₹ 200/-
- Registration link: <http://bit.ly/eeecbitwebinars>
- Fill in the details and scan the given QR code to pay through GooglePay/PhonePe.

IMPORTANT DATES

Workshop dates: 21st – 23rd May, 2020
Timing : 11:30 AM – 12:30 PM

SALIENT FEATURES

1. Registration amount will be donated to CoViD-19 relief FUND
2. Exciting Cash Prizes for TWO best performers by lot.
3. E-certificate for those who attend all 3 sessions.