

STAFF DEVELOPMENT PROGRAMME
on
“ENERGY AUDITING, CONSERVATION AND MANAGEMENT IN CHEMICAL AND ALLIED INDUSTRIES”

Respected Principal, beloved Administrative officer, Head of the Department of Chemical Engineering Prof.S.Gopalakrishnan, Dr.M.Thirumarimurugan Co coordinator,R.K.Marimuthu Deputy Warden CIT Hostel, Dr.P.Vinayagam, Faculty of Chemical Engineering, Participants, invitees and my dear students.

Very Good Evening to every one present here. It gives me immense pleasure to sum up the Staff development programme on “ENERGY AUDITING, CONSERVATION AND MANAGEMENT IN CHEMICAL AND ALLIED INDUSTRIES”

The course was inaugurated on 17th May by **Er.S.Ramakrishnan**, General Manager, United Breweries Limited, Palakkad followed by his guest lecture on the topic “Energy Usage Optimization through Socially responsible initiative in a Batch process – Experience sharing on the UB model” and he shared his expertise on Energy conservation measures he has carried out in the United Breweries in detail.

Followed by him **Er.K.Suresh** delivered a lecture on “Energy conservation and Auditing in Textile Industries” with detailed case studies of energy audits of various Textile mills

The next lecture was by **Mr.V.Prasanna Moorthy** of GCT Coimbatore. He delivered an enthralling speech and he cast a light on the demand for Energy auditors and shared his vast knowledge with the participants of the SDP.

The second day started off with quite interesting lecture given by **Dr.S.Vasantharathna** on “Electricity For The 21st Century Creating a Smart and Efficient Power System”

The next session was by **Er.Jayakumar Nair** of ACC on “Role of Process performance engineers in energy conservation” turned out to be a very interesting one and it triggered an active discussion session

Later in the noon **Er.B.Sivakumar's** lively lecture on “Energy savings in Mechanical vapour recompression evaporator in effluent recovery systems” attracted the complete attention of the audience.

On the third day of SDP an Industrial visit was organized to the United Breweries, Palghat and we gained exposure on the Energy audit procedures and the various measures enforced to save energy such as insulation of hot and cold surfaces etc. The Industrial Visit was followed by a brief visit to the nearby Mazhampuzha dam.

We then started the fourth day of the SDP with a lecture by **Dr.E. Chandrasekaran** on “Electrical Energy Management and Power Quality Issues in Industries” and it proved to be an enriching experience to all of us.

Then **Er. R.Velavan** spoke on “Energy Conservation and Audit” and gave out a very useful and informative lecture.

The last session of the fourth day was given by **Dr.K.Chandra Mohan**, Kongu Engg College on “Thermal Energy Conservation”. First he started from the fundamentals and later shared with us a detailed investigation on his topic.

The final day of the SDP started with a lecture by **Er.P.Prabakar**, General Manager, Arrya Hi-Tech Energy, on “Energy Management in Process industry” and it was followed by **Er.S.Ashok's** lecture on “Energy conservation and auditing in motors used in chemical and allied industries.”. To wrap it up the final session of the SDP was by **Dr.S.Kamaraj** Tamilnadu Agricultural University, on “Energy recovery through Bio-methanation of waste water from Chemical and Allied Industries”.

I hope that all the participants have learnt the objectives of energy auditing, conservation & management in chemical & allied industries. I am very confident that all the participants are leaving CIT with enriched knowledge of Energy conservation & fruitful memories of one week life at CIT. I am very sure that at least a few participants will become energy engineers and energy auditors in due course of time.

