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Industry Guest-Lecture Reporton

"Thermal Power Plant Engineering"

Organised by

Department of Electrical & Electronics Engineering

Date: 14.12.2022 Time: 3.00 PM to 4.00 PM Venue: Seminar Hall A

Organized in association with: Institution Innovation Council & ISTE Student Chapter

Submitted by: Ms. Revathy Gopinath, Assistant Professor, Dept. of EEE

Attendance: 61 participants

The programme is started at 3:00 PM with a welcome address to all the audience by the Dr. A V Pavan Kumar, H.O.D, EEE, MITS, Madanapalle and shared his view on **National Energy Conservation Day**. Vice Principal Academics Dr. P. Ramanathan has shared the importance of Energy conservation day and motivated students towards learning and utilization of knowledge to build better technology for future. The resource person **Mr. D. Anbarasu**, **Assistant Director(Technical) – National Power Training Institute, Bangalore, INDIA** was introduced by Dr. A. V Pavan Kumar, H.O.D, EEE.

The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in "Thermal Power Plant Engineering".

The topic the resource person covered is Thermal power plant Generation, Power plant Equipment's, Power Plant Schemes, Power Plant Layout, Generator and Electrical system. The audience was made aware of the following through his presentation.

- Coal to electricity process
- Inputs & Outputs for 1000MW Power Station
- Coal transportation & coal handling plant
- Raw water processing
- Air & flew gas flow
- Feed water & steam flow
- Power station equipment's Turbine auxiliaries, generator auxiliaries
- Plant layout of 210 MW

The session was concluded followed by a vote of thanks, given by Dr. A V Pavan Kumar, H.O.D, Electrical and Electronics Engineering Department, MITS, Madanapalle.

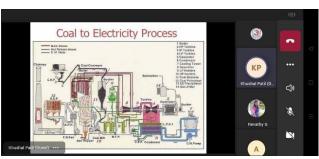


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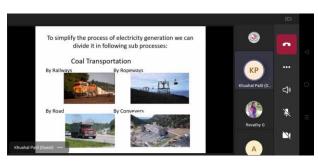
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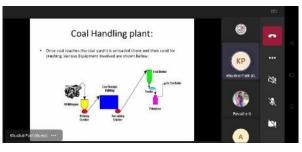




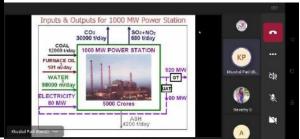








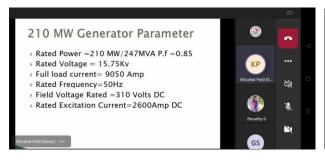


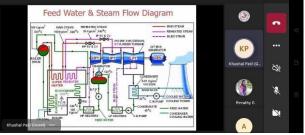


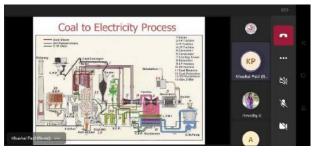


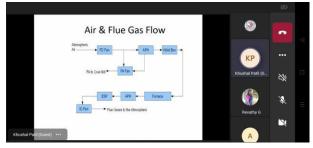
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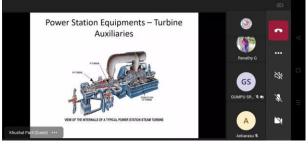






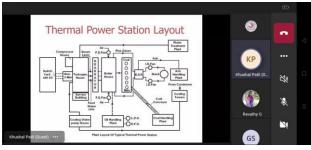


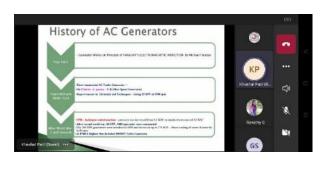


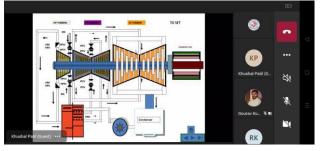












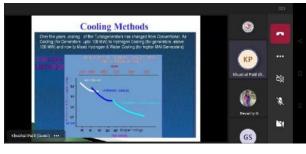


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Revolly.

Signature of the Coordinator

Parry

Signature of HoD, EEE