NARAYANA ENGINEERING COLLEGE::NELLORE

DEPARTMENT OF EEE

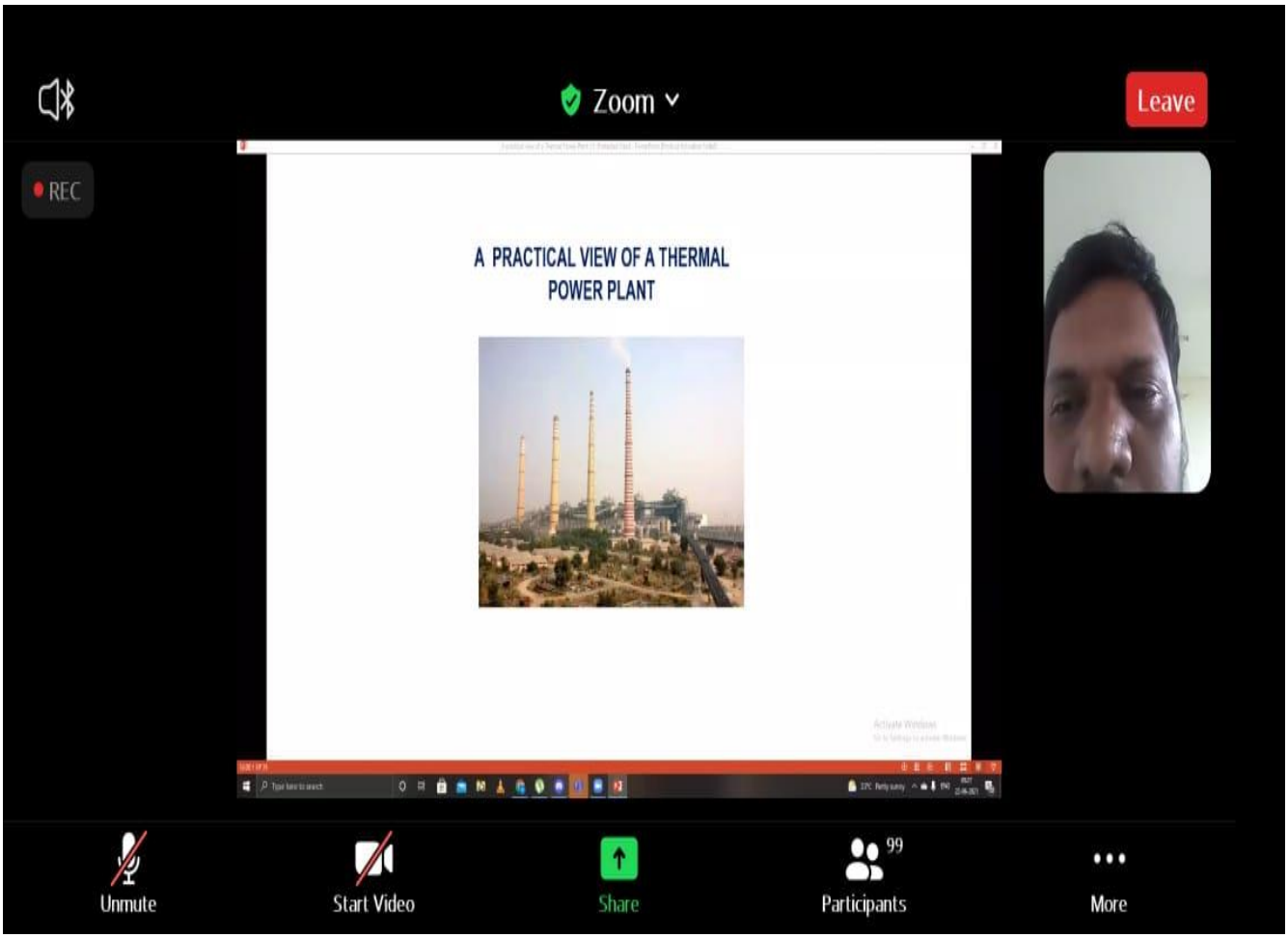
REPORT ON GUEST LECTURE

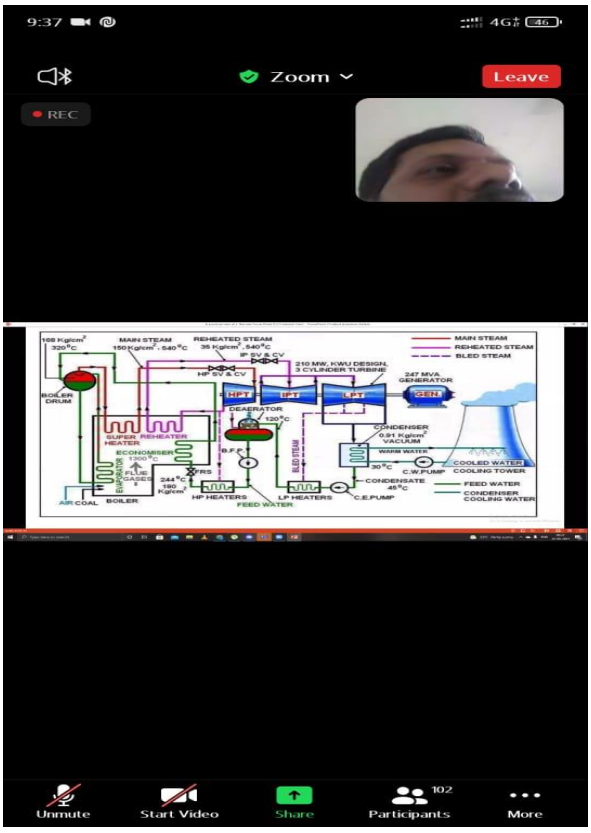
1	Name of the Activity/Event	"PRACTICAL VIEW OF THERMAL POWER PLANT"		
2	Date of Activity/Event	22-06-2021		
3	Organized by/Name of the committee	Department of EEE		
4	Place of Activity/event	Narayana Engineering college , Nellore		
5	Resource person/guest/organization	B .KRISHNA KISHORE Assistant Executive engineer Rayalaseema thermal power plant, APGENCO Certified energy manager.		
6	Type of activity/Event	GUEST LECTURE		
7	Activity/Event objectives	1. knowledge on Distributed control systems.		
8	Participation	Students	Faculty	Total Participation
		96	**03**	**99**
9	General remarks	1. Lack of Time 2.Not audible to last row		
10	Suggested Improvements	Need full day session		
11	Enclosures	1.photos 2.attendance report		

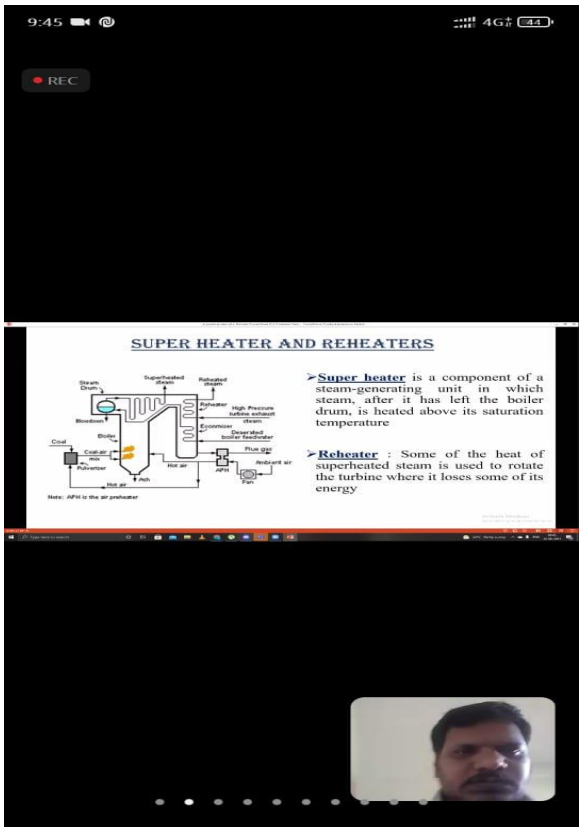
On 22/7/2021 Narayana engineering college, Nellore EEE Department Organized a Guest lecture on "PRACTICAL VIEW OF THERMAL POWER PLANT". The session was conducted through online mode by using zoom app and the resource person of the program is B .KRISHNA KISHORE ,Assistant Executive engineer , Rayalaseema thermal power plant, APGENCO ,Certified energy manager, kadapa. In this lecture they discussed about today most of the electricity produced throughout the world is from steam power plants. However, electricity is being produced by some other power generation sources such as hydropower, gas power, bio-gas power, solar cells, etc. One newly developed method of electricity generation is the Magneto hydro dynamic power plant. This paper deals with steam cycles used in power plants. Thermodynamic analysis of the Rankine cycle has been undertaken to enhance the efficiency and reliability of steam power plants.

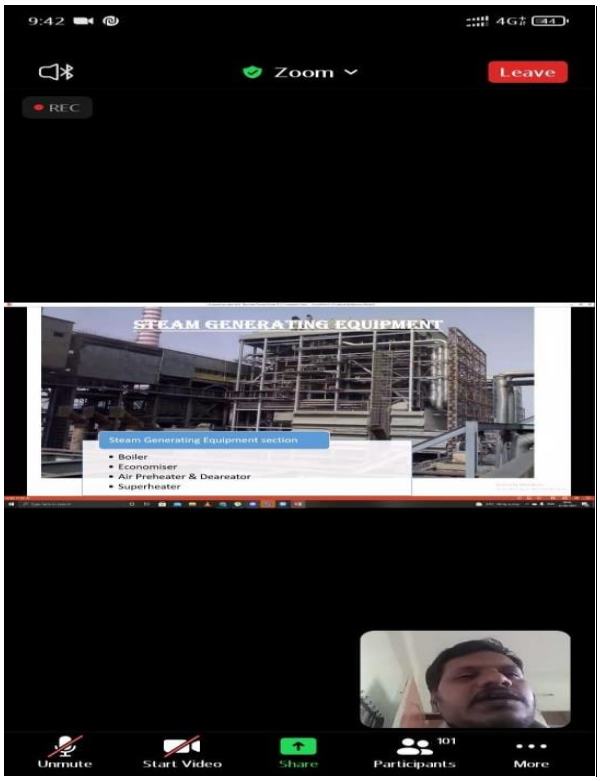
The thermodynamic deviations resulting in non-ideal or irreversible functioning of various steam power plant components have been identified. A comparative study between the Carnot cycle and Rankine cycle efficiency has been analyzed resulting in the introduction of regeneration in the Rankine cycle. Factors affecting efficiency of the Rankine cycle have been identified and analyzed for improved working of thermal power plants.

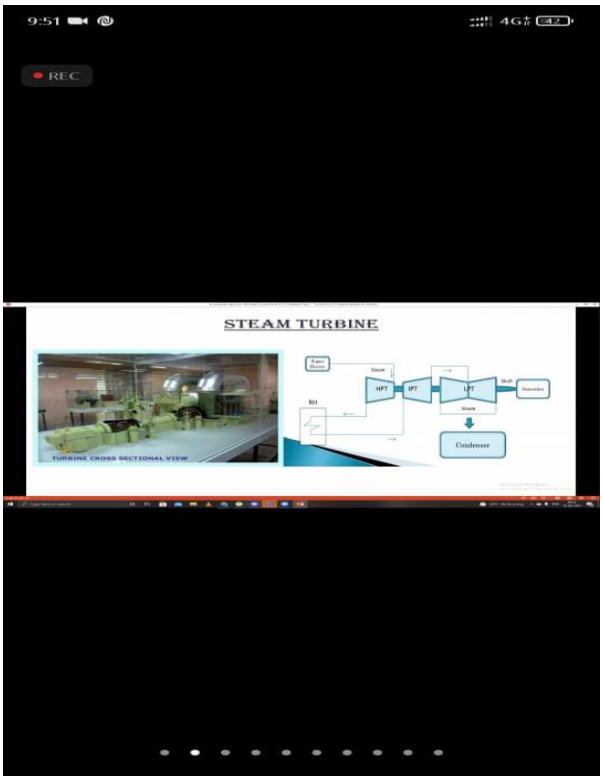
This program was co-ordinate with the help of 2 Faculty members.



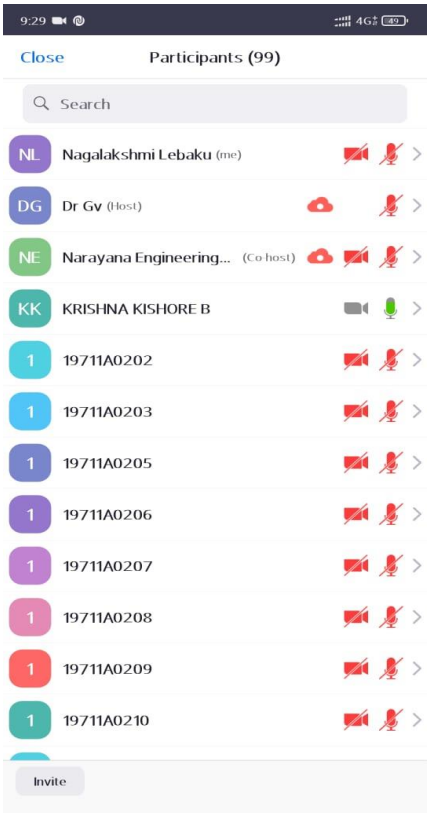


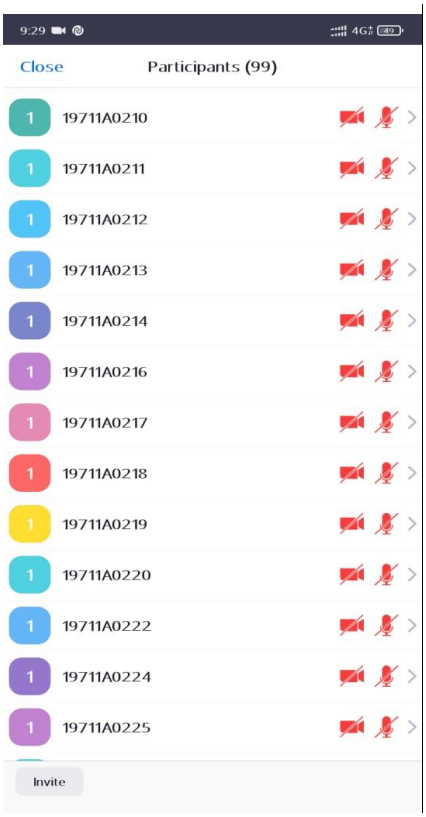


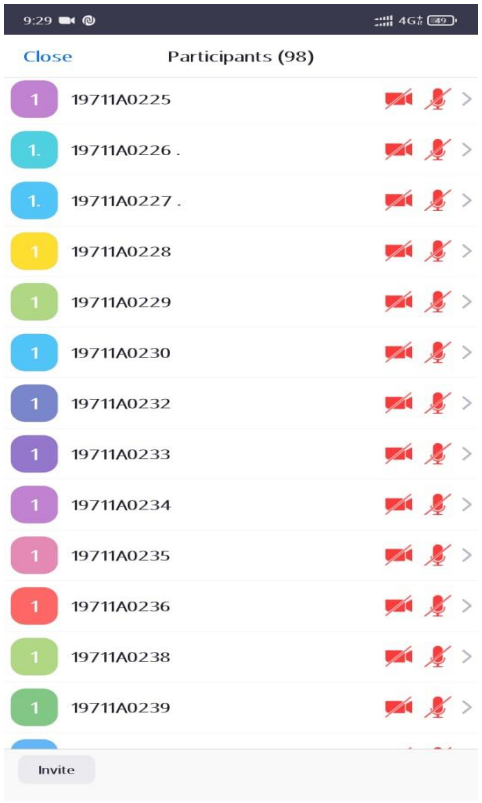


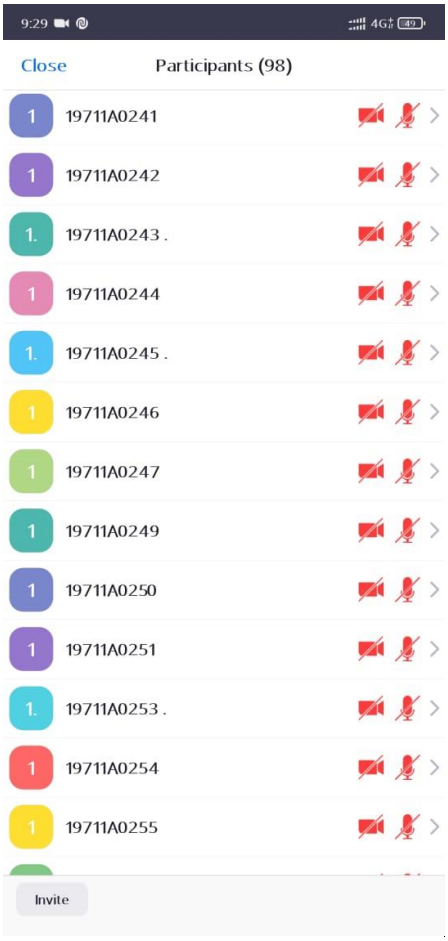


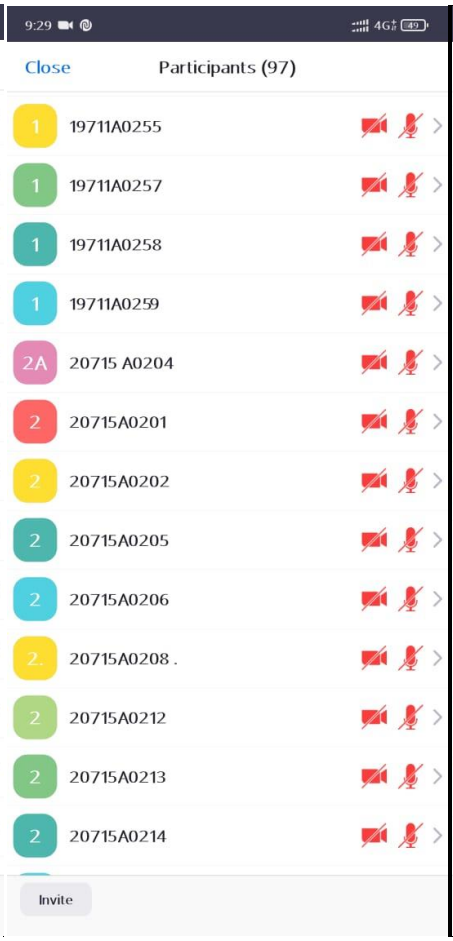
HOD PRINCIPAL

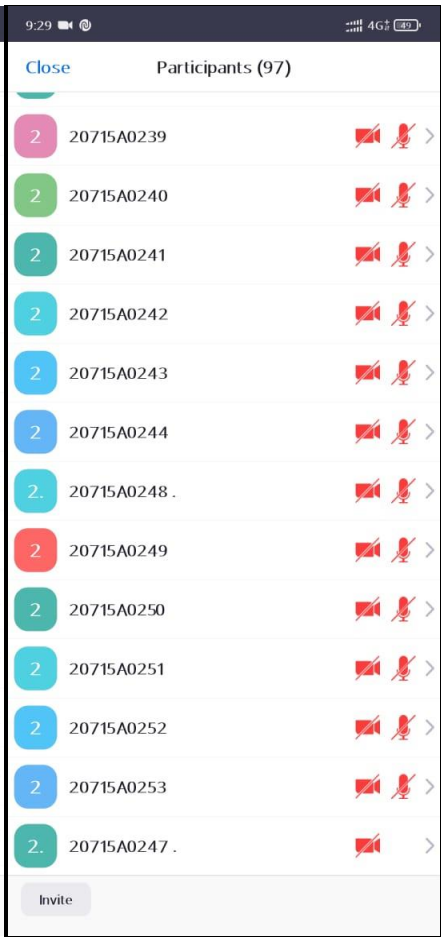

9:29
Close
Participants (99)
Search
NL Nagalakshmi Lebaku (me)
DG Dr Gv (Host)
NE Narayana Engineering... (Co-host)
KK KRISHNA KISHORE B
1 19711A0202
1 19711A0203
1 19711A0205
1 19711A0206
1 19711A0207
1 19711A0208
1 19711A0209
1 19711A0210
Invite


9:29
Close
Participants (99)
1 19711A0210
1 19711A0211
1 19711A0212
1 19711A0213
1 19711A0214
1 19711A0216
1 19711A0217
1 19711A0218
1 19711A0219
1 19711A0220
1 19711A0222
1 19711A0224
1 19711A0225
Invite


9:29
Close
Participants (98)
1 19711A0225
1. 19711A0226 .
1. 19711A0227 .
1 19711A0228
1 19711A0229
1 19711A0230
1 19711A0232
1 19711A0233
1 19711A0234
1 19711A0235
1 19711A0236
1 19711A0238
1 19711A0239
Invite


9:29
Close
Participants (98)
1 19711A0241
1 19711A0242
1. 19711A0243 .
1 19711A0244
1. 19711A0245 .
1 19711A0246
1 19711A0247
1 19711A0249
1 19711A0250
1 19711A0251
1. 19711A0253 .
1 19711A0254
1 19711A0255
Invite


9:29
Close
Participants (97)
1 19711A0255
1 19711A0257
1 19711A0258
1 19711A0259
2A 20715 A0204
2 20715A0201
2 20715A0202
2 20715A0205
2 20715A0206
2. 20715A0208 .
2 20715A0212
2 20715A0213
2 20715A0214
Invite


9:29
Close
Participants (97)
2 20715A0239
2 20715A0240
2 20715A0241
2 20715A0242
2 20715A0243
2 20715A0244
2. 20715A0248 .
2 20715A0249
2 20715A0250
2 20715A0251
2 20715A0252
2 20715A0253
2. 20715A0247 .
Invite