



Date: 1-2-2024

### CIRCULAR

This is informing to all the faculty members and students that Department of Mechanical Engineering is going to conduct a certificate course on "Advancement in Refrigeration" from 05-02-2024 to 10-2-2024. This will be good knowledge sharing platform for students. All the staff and students are advised to attend the program without fail.

  
PRINCIPAL

To be read in all the MECHANICAL Class Rooms.

Copy to:

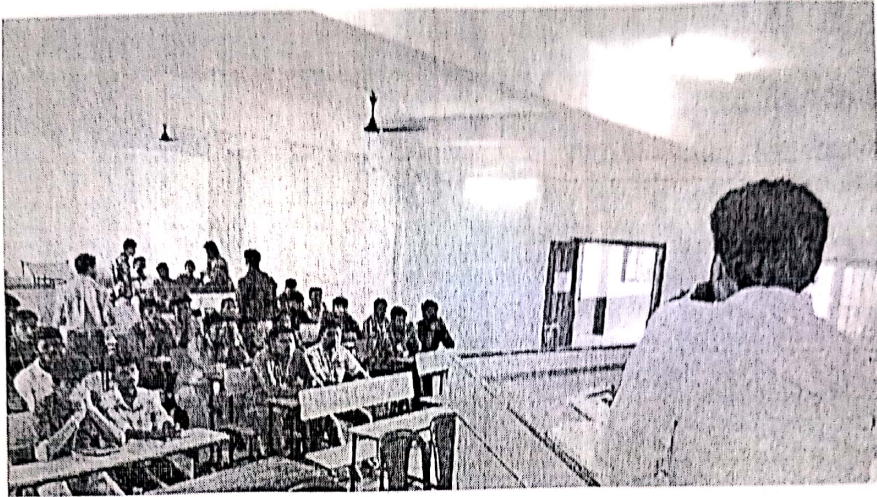
Departments	Signature	Departments	Signature
Secretary & Correspondent		CSE	
Dean Academics(IQAC)		ECE	
Dean Administration		EEE	
Dean Examinations		MECH	
Office(AO)		CIVIL	
NSS Officer		BS&H	
Library		Transport In-Charge	

  
Co-ordinator



## Report on

Certificate Course on Certificate Course on "Advancement in Refrigeration" from 05-02-2024 to 10-2-2024



Submitted by: *M.Pandu Ranga Rao, Assistant Professor, Department of Mechanical Engineering*

The Department of Mechanical Engineering organized a **Certificate Course on Certificate Course on "Advancement in Refrigeration"** from 05-02-2024 to 10-2-2024 for B.Tech third year students.

The Program started at 10:00 AM on 05-02-2024 with greetings and inviting the following dignitaries:

Sri.Gaadi Raju Satyanaraya Raju (Babu), Secretary & Correspondent  
Dr. M.Anjan Kumar, Principal, DNR CET  
Dr. N.Venkat Rao, Dean Academics, DNR CET,  
Dr. I.Harish, Professor & HOD ME,  
Mr. M.Pandu Ranga Rao, Assistant Professor, ME Department,

The Guest-speaker for the program D.Sreenivas, SR.MANAGER, COCACOLA BEVERAGES PVT LTD, BOMBAY he has 18 years' experience in Training and Services. The main advancement was the development of vapor-compression cycle refrigeration systems in the early 1900's. This advancement in refrigeration and cooling had a huge impact on life in the 20<sup>th</sup> century and beyond


The Agenda of the workshop:

A new refrigeration method dubbed "ion caloric cooling" could one day replace traditional systems based on vapour compression, reducing the need for gases that harm the Earth's atmosphere and contribute to climate change

### 4 Types of Refrigeration Systems

- Evaporative Cooling. Evaporative cooling units are also referred to as swamp coolers. ...
- Mechanical-Compression Refrigeration Systems. Mechanical compression is used in commercial and industrial refrigeration, as well as air conditioning. ...
- Absorption. ...
- Thermoelectric.

The resource person was honored by a token of respectable appreciation by Dr.N.Venkat Rao, Dean Academics. The program was concluded with a vote of thanks from M.Pandu Ranga Rao Assistant Professor, ME Department.

  
CO-ORDINATOR



D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY  
BALUSUMUDI, BHIMAVARAM, W.G Dist., A.P., PIN-534 202  
DEPARTMENT OF MECHANICAL ENGINEERING  
ATTENDANCE SHEET

Certificate Course on "Advancement in Refrigeration" from 05-02-2024 to 10-2-2024

S.no	STUDENT NAME	PIN NO	05-02-24	06-02-24	07-02-24	08-02-24	09-02-24	10-02-24
1	NEETHIPUDI ABHISHEK	229P1A0301	Abhishek	Abhishek	Abhishek	Abhishek	A	Abhishek
2	BORRA PURNA ISWARYA RAVI TEJA KUMAR	239P5A0301	Tj	Tj	Tj	Tj	Tj	Tj
3	GOLLANGI SAI KUMAR	239P5A0302	Sai	Sai	A	Sai	Sai	Sai
4	GURAJAPU NAGA SAI TULASI BHASKAR	239P5A0303	Naga	Naga	Naga	Naga	Naga	Naga
5	KADALI CHANDRA SEKHAH	239P5A0304	Chandra	Chandra	Chandra	Chandra	Chandra	Chandra
6	KOSURI GOPI	239P5A0305	Gopi	Gopi	Gopi	Gopi	Gopi	Gopi
7	MAMIDI SAIKIRAN	239P5A0306	Saikiran	Saikiran	Saikiran	A	Saikiran	Saikiran
8	NEELAPALA PAVAN KUMAR	239P5A0307	N.P. Pavan	N.P. Pavan	N.P. Pavan	N.P. Pavan	N.P. Pavan	N.P. Pavan
9	PALAVALASA CHANDU NARASIMHA RAO	239P5A0308	Chandu	Chandu	Chandu	Chandu	A	Chandu
10	PONNADA RUDRA NAGA TEJA	239P5A0309	P. Rudra Naga Teja	P. Rudra Naga Teja	P. Rudra Naga Teja	P. Rudra Naga Teja	P. Rudra Naga Teja	P. Rudra Naga Teja
11	SESETTI MANI SAI PRASAD	239P5A0310	S. Mani Sai Prasad	S. Mani Sai Prasad	S. Mani Sai Prasad	S. Mani Sai Prasad	S. Mani Sai Prasad	S. Mani Sai Prasad
12	SIRIPARAPU JNANENDRA VENKATA RAMA SAI	239P5A0311	S.J.V. R. Sai	S.J.V. R. Sai	S.J.V. R. Sai	S.J.V. R. Sai	S.J.V. R. Sai	S.J.V. R. Sai

  
Co-ordinator