

Date: 17-02-2023

Report on “Workshop on Air-conditioning & Refrigeration”

Name of the Program:	Workshop on Air-conditioning & Refrigeration	Program Dates & Timings:	17-02-2023 2.00PM -4.00PM			
Name & Details of the Resource Person:	Mr.Sachin Karkera AC Maintenance Engineer, S.K Services Carstreet Mangalore					
Organized by (Clubs/ Dept.)	Department of Mechanical Engineering	In Association with (clubs)	ARMS & Automotive Club			
Number of Participants	39	Students	37	Faculty	02	
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2.					
Coordinators	Mr. Prashantha D A & Mr. Nithin Shet					

About the Program:

Department of Mechanical Engineering has organized workshop on Air-conditioning and Refrigeration for 2nd year Mechanical Engineering students on 17-02-2023 at 2 pm in Machine shop Laboratory.

The speaker Mr.Sachin Karkera AC Maintenance Engineers’ Services Car street Mangalore spoke about working of basic refrigerator and air conditioner. He dismantled refrigerator and shown each parts of it and explained the functions. He also explained the refrigeration cycle with heat absorption and heat exhaust in same device. Students were able to understand the basic differences with working of air conditioner and refrigerator. He dismantled air conditioner and shown parts like condenser and evaporator and significances of it in the completion of cooling cycle.

Students were divided in to two separate batches to make them interactive in the workshop and focus to every aspects. Every student involve actively and clarified doubts.

Objectives: The program **Workshop on Air-conditioning & Refrigeration** enable students/ faculty to

1. Understand the basics of refrigeration and air-conditioning.
2. Explain the different components of refrigerator and air conditioner.
3. Be a leader of a team and effectively communicate with all level of students.

Outcomes: On successful completion of program of this lecture/ technical talk/workshop the student should able to:

1. Understand the basics refrigeration and air-conditioning.
2. Explain the different components of refrigerator and air conditioner
3. Develop leadership qualities and effectively communicate with all level of organization.

Articulation Matrix:

Course Outcomes	Program Outcomes POs												PSOs of Dept. of ME	
	1	2	3	4	5	6	7	8	9	10	11	12	PSO 1	PSO 2
1	2												1	2
2	2	2	2										1	2
3							2	3	3	3	2		1	2
Average	2	2	2				2	3	3	3	2		1	2

Photos:



Coordinator

HOD

Principal