



GOVERNMENT DEGREE COLLEGE (MEN)

ACCREDITED BY NAAC WITH B++ (CGPA 2.90)

Srikakulam - 532001, Andhra Pradesh, India

ph: 08942 222383 e-mail: info@gdcmskim.ac.in website: <https://www.gdcmskim.ac.in>



DEPARTMENT OF PHYSICS

CHART PREPARATION

ASSIGNED TO : III B.SC MPCS STUDENTS

ASSIGNED AND GUIDED BY

R.RAVI KUMAR, LECTURER IN PHYSICS

2024-25

Date : 13.08.2024



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Activity Register 2024-2025

Date	13.08.2024
Conducted through (DRC/JKC/ELF/NCC/NSS Departments etc.,	Department of Physics
Nature of Activity (Seminar/Workshop/Extn Lecture etc.,	Chart Preparation
Title of the Activity	One Topic is given to the students,Based on the topic students draw a chart.
Name of the Department/Committee	Physics
Details of Participants (Name, Class.section etc.,)	III B.Sc (MPCS) Students
No.of.Students participated	25
Brief Report on the Activity	Students are assigned certain topics to collect data from various books and extract from the internet. Based on the information they draw the charts. Chart preparation enhances visual learning, organization, critical thinking, and collaboration, making complex information more accessible and reinforcing understanding.
Name of the Lecturers who planned & conducted the activity	R.Ravi Kuamr, Lecturer in Physics B.Mohana Rao
Signature of the dept. in charge/ Convener of the Committee	Sri M.V.Satyanarayana In-Charge of the Department of Physics Lecturer in Charge Physics Dept.
Remarks	Govt. Degree College (Men) SRIKAKULAM



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DETAILS OF STUDENTS WHO INVOLVED IN CHART PREPARATION

S.NO.	TOPIC	NAME OF THE STUDENT	CLASS
1	Joule-Kelvin effect	A.Vijay Kumar	IIIB.Sc (MPCS) A.vijay kumar
2	Adiabatic demagnetization	D.Neela Krishna	IIIB.Sc (MPCS) D. Neela Krishna
3	Gas thermometers	G.Lekhana	IIIB.Sc (MPCS) G. Lekhana
4	Resistance thermometer	G.Sai Teja, A.Tharun	IIIB.Sc (MPCS) G. Sai Teja, A. Tharun
5	Vapour compression refrigeration system	G.Mounika, G.Likitha	IIIB.Sc (MPCS) G. Mounika, G. Likitha
6	Vapour absorption refrigeration system	J.Trimoji, D.Umasri	IIIB.Sc (MPCS) J. Trimoji, D. Umasri
7	Components of refrigeration	K.Dhana Lakshmi	IIIB.Sc (MPCS) K. Dhana Lakshmi
8	Superconducting metals in MRI	K.Dharma rao	IIIB.Sc (MPCS) K. Dharma rao
9	Cryogenic rocket propulsion system	K.hari Prasad, D.Damodhar	IIIB.Sc (MPCS) K. Hari Prasad, D. Damodhar
10	Preservation techniques of biological materials	M.Prasad, P.Tulasi Rao	IIIB.Sc (MPCS) M. Prasad, P. Tulasi Rao
11	Types of condensers	M.Sateesh	IIIB.Sc (MPCS) M. Sateesh
12	Types of Evaporators	M.Chandini	IIIB.Sc (MPCS) M. Chandini
13	Thermocouple	N.Sekhar, Ch.Chandra sekhar	IIIB.Sc (MPCS) N. Sekhar, Ch. Chandra sekhar
14	Air Liquefaction	P.Jhansi	IIIB.Sc (MPCS) P. Jhansi
15	Magnetic thermometer	P.Sreeja	IIIB.Sc (MPCS) P. Sreeja
16	Types of Compressors	S.Chandrakala	IIIB.Sc (MPCS) S. Chandrakala
17	Refrigeration Cycle	S.Narendra	IIIB.Sc (MPCS) S. Narendra
18	Regenerative Cooling process	S.Vasanth	IIIB.Sc (MPCS) S. Vasanth
19	Natural refrigeration Techniques	S.Vamsi Krishna	IIIB.Sc (MPCS) S. Vamsi Krishna