



# VAGDEVI DEGREE COLLEGE

(Affiliated to Acharya Nagarjuna University)

(College Code : 116)

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## VAGDEVI DEGREE COLLEGE, NARASARAOPET: TEACHING DAIRY :2022-2023

Name of the Department/Course : Department of Mathematical Sciences (Physics) Odd Semester

Name of the Faculty : Bathcu Mahesh Kumar

Date & Day	Class	Period	Topic Covered	Methodology Adopted	Teaching/Test	Teaching Aids Used	Students Activity	Remarks
Thursday, 17 August, 2023	II MPCS A	5	Kinetic Theory of gases-Introduction	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Spectral distribution of solar radiation solar constant	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Spectral distribution of solar radiation solar constant	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Kinetic Theory of gases-Introduction	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 18 August,	II MPCS A	5	Maxwell's law of distribution of molecular velocities (qualitative)	Lecture	Teaching	Board & chalk	Previous knowledge checked	

2023			treatment only) and its experimental verification					
	III MPCS A	6	zenith angle and Air-Mass standard time	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	zenith angle and Air-Mass standard time	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Maxwell's law of distribution of molecular velocities (qualitative treatment only) and its experimental verification	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 19 August, 2023	II MPCS A	5	Maxwell's law of distribution of molecular velocities (qualitative treatment only) and its experimental verification	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	local apparent time,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	local apparent time,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Maxwell's law of distribution of molecular velocities (qualitative treatment only) and its experimental verification	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Monday, 21 August, 2023	II MPCS A	5	Mean free path	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	equation of time	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	equation of time	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Mean free path	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 22 August, 2023	II MPCS A	5	Degrees of freedom	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Direct,, diffuse radiations.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Direct,, diffuse radiations.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Degrees of freedom	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 23 August, 2023	II MPCS A	5	Principle of equipartition of energy (Qualitative ideas only)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS	6	Total Radiation	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	A							
	III MPCS B	7	Total Radiation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Principle of equipartition of energy (Qualitative ideas only)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 24 August, 2023	II MPCS A	5	Transport phenomenon in ideal gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Pyrheliometer - working principle, direct radiation measurement	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Pyrheliometer - working principle, direct radiation measurement	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Transport phenomenon in ideal gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 25 August, 2023	II MPCS A	5	viscosity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	pyrometer-working Principle	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	pyrometer-working Principle	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	II MPCS B	8	viscosity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 26 August, 2023	II MPCS A	5	: viscosity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	diffuse radiation measurement	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	diffuse radiation measurement	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	: viscosity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 29 August, 2023	II MPCS A	5	Thermal conductivity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Distinction between the two meters	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Distinction between the two meters	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Thermal conductivity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 30 August,	II MPCS A	5	Thermal conductivity	Lecture	Teaching	Board & chalk	Previous knowledge checked	

2023	III MPCS A	6	Solar Thermal collectors- Introduction, Types of thermal collectors	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Solar Thermal collectors- Introduction, Types of thermal collectors	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Thermal conductivity	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 31 August, 2023	II MPCS A	5	diffusion of gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Flat plate collector -liquid heating type, Energy balance equation and efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Flat plate collector -liquid heating type, Energy balance equation and efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	diffusion of gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 1 September, 2023	II MPCS A	5	Introduction	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS	6	Evacuated tube collector. collector	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	A		overall heat loss coefficient,					
	III MPCS B	7	Evacuated tube collector. collector overall heat loss coefficient,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Introduction	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 2 September, 2023	II MPCS A	5	Isothermal and Adiabatic processes	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Definitions of collector efficiency factor, collector heat-removal factor and collector flow factor,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Definitions of collector efficiency factor, collector heat-removal factor and collector flow factor,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Isothermal and Adiabatic processes	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 4 September, 2023	II MPCS A	5	Reversible and irreversible processes	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Testing of flat-plate collector	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Testing of flat-plate collector	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	II MPCS B	8	Reversible and irreversible processes	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 5 September, 2023	II MPCS A	5	Carnot's engine and its efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	solar water heating system, natural and forced circulation types.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	solar water heating system, natural and forced circulation types.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Carnot's engine and its efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 6 September, 2023	II MPCS A	5	Carnot's theorem	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Concentrating collectors,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Concentrating collectors,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Carnot's theorem	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 7 September, 2023	II MPCS A	5	Thermodynamic scale of temperature and its identity with perfect gas scale	Lecture	Teaching	Board & chalk	Previous knowledge checked	



	III MPCS A	6	Solar cookers	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Solar cookers	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Thermodynamic scale of temperature and its identity with perfect gas scale	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 8 September, 2023	II MPCS A	5	Second law of thermodynamics: Kelvin's and Clausius statements	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Solar dryers	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Solar dryers	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Second law of thermodynamics: Kelvin's and Clausius statements	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 9 September, 2023	II MPCS A	5	Principle of refrigeration entropy physical significance, change in entropy in reversible and irreversible process	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	III MPCS A	6	Solar desalinators	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Solar desalinators	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Principle of refrigeration entropy physical significance, change in entropy in reversible and irreversible process	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 11 September, 2023	II MPCS A	5	Principle of refrigeration entropy physical significance, change in entropy in reversible and irreversible process	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Semiconductor interface, Types	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Semiconductor interface, Types	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Principle of refrigeration entropy physical significance, change in entropy in reversible and irreversible process	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Thursday, 14 September, 2023	II MPCS A	5	Entropy and disorder-Entropy of Universe	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	homo junction, hetero junction and Schottky barrier	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	homo junction, hetero junction and Schottky barrier	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Entropy and disorder-Entropy of Universe	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 15 September, 2023	II MPCS A	5	Temperature-Entropy (T-S) diagram and its uses	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	advantages and drawbacks,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	advantages and drawbacks,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Temperature-Entropy (T-S) diagram and its uses	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 16 September,	II MPCS A	5	change of entropy when ice changes into steam.	Lecture	Teaching	Board & chalk	Previous knowledge checked	

2023	III MPCS A	6	Photovoltaic cell, equivalent circuit	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Photovoltaic cell, equivalent circuit	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	change of entropy when ice changes into steam.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 25 September, 2023	II MPCS A	5	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	output parameters of Solar Cell	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	output parameters of Solar Cell	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 26 September, 2023	II MPCS A	5	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	conversion efficiency, quantum efficiency,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	conversion efficiency, quantum efficiency,	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	II MPCS B	8	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 27 September, 2023	II MPCS A	5	Thermodynamic potentials ,Internal energy	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Measurement ol' I-V characteristics	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Measurement ol' I-V characteristics	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Thermodynamic potentials ,Internal energy	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 28 September, 2023	II MPCS A	5	Enthalpy	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	series and shunt resistance, their effect on efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	series and shunt resistance, their effect on efficiency	Lecture	Teaching	Board & chalk	Previous knowledge checked	



Tuesday, 3 October, 2023	II MPCS A	5	Derivation of Maxwell's thermodynamic relations from thermodynamic potentials	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Derivation of Maxwell's thermodynamic relations from thermodynamic potentials	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 4 October, 2023	II MPCS A	5	Applications to (i) Clausius-Clayperon's equation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Slip test	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Applications to (i) Clausius-Clayperon's equation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS A	5	Applications to (i) Clausius-	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Thursday, 5 October, 2023			Clayperon's equation					
	III MPCS A	6	Types of solar cells	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Types of solar cells	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Applications to (i) Clausius- Clayperon's equation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 6 October, 2023	II MPCS A	5	(ii) Value of CP - CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Crystalline silicon solar cells	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Crystalline silicon solar cells	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	(ii) Value of CP - CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 7 October, 2023	II MPCS A	5	(ii) Value of CP - CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	I-V characteristics, poly-Si cells, Amorphous silicon cells,	Lecture	Teaching	Board & chalk	Previous knowledge checked	



	III MPCS B	7	I-V characteristics, poly-Si cells, Amorphous silicon cells,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	(ii) Value of CP - CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 9 October, 2023	II MPCS A	5	(iii) Value of CP/CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	I-V characteristics, poly-Si cells, Amorphous silicon cells,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	I-V characteristics, poly-Si cells, Amorphous silicon cells,	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	(iii) Value of CP/CV	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 10 October, 2023	II MPCS A	5	(iv) Joule-Kelvin coefficient for ideal and Vander Waals' gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Thin film solar cells-	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Thin film solar cells-	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	(iv) Joule-Kelvin coefficient for ideal and Vander Waals' gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Wednesday, 11 October, 2023	II MPCS A	5	(iv) Joule-Kelvin coefficient for ideal and Vander Waals' gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Cd'I'c, CdS and CuInGaSc2/CdS cell configurations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Thin film solar cells-Cd'I'c, CdS and CuInGaSc2/CdS cell configurations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	(iv) Joule-Kelvin coefficient for ideal and Vander Waals' gases	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 12 October, 2023	II MPCS A	5	Methods for producing very low temperatures	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	structures, advantages and limitations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	structures, advantages and limitations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Methods for producing very low temperatures	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Friday, 13 October, 2023	II MPCS A	5	Joule Kelvin effect	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Multi junction cells - Double and triple junction cells.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Multi junction cells - Double and triple junction cells.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Joule Kelvin effect	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 14 October, 2023	II MPCS A	5	Joule Kelvin effect	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Module fabrication steps	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Module fabrication steps	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Joule Kelvin effect	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 16 October, 2023	II MPCS A	5	Porous plug experiment	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Modules in series and parallel	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Modules in series and parallel	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Porous plug experiment	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 17 October,	II MPCS A	5	Joule expansion	Lecture	Teaching	Board & chalk	Previous knowledge checked	

2023	III MPCS A	6	Bypass and blocking diode	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Bypass and blocking diode	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Joule expansion	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 18 October, 2023	II MPCS A	5	Distinction between adiabatic and Joule Thomson expansion	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Energy storage in PV systems.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Energy storage in PV systems.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Distinction between adiabatic and Joule Thomson expansion	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 26 October, 2023	II MPCS A	5	Expression for Joule Thomson cooling	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Energy storage modes, electrochemical storage	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Energy storage modes, electrochemical storage	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Expression for Joule Thomson cooling	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Saturday, 28 October, 2023	II MPCS A	5	Expression for Joule Thomson cooling	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Expression for Joule Thomson cooling	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 30 October, 2023	II MPCS A	5	Liquefaction of air by Linde's method	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Primary and secondary Batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Primary and secondary Batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Liquefaction of air by Linde's method	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 31 October, 2023	II MPCS A	5	Liquefaction of air by Linde's method	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Solid-state battery	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Solid-state battery	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Liquefaction of air by Linde's method	Lecture	Teaching	Board & chalk	Previous knowledge checked	

Wednesday, 1 November, 2023	II MPCS A	5	Production of low temperatures by adiabatic demagnetization (qualitative)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Molten solvent battery	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Molten solvent battery	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Production of low temperatures by adiabatic demagnetization (qualitative)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 2 November, 2023	II MPCS A	5	Production of low temperatures by adiabatic demagnetization (qualitative)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	lead acid battery and dry batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	lead acid battery and dry batteries	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Production of low temperatures by adiabatic demagnetization (qualitative)	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 3 November, 2023	II MPCS A	5	Practical applications of substances at low temperatures.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS	6	Mechanical storage	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	A							
	III MPCS B	7	Mechanical storage	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Practical applications of substances at low temperatures.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 4 November, 2023	II MPCS A	5	Blackbody and its spectral energy distribution of black body radiation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Flywheel	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Flywheel	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Blackbody and its spectral energy distribution of black body radiation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 6 November, 2023	II MPCS A	5	Kirchoff's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Electrical storagc -Super capacitor	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Electrical storagc -Super capacitor	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Kirchoff's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 7 November, 2023	II MPCS A	5	Wein's displacement law	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	III MPCS A	6	Revision				Previous knowledge checked	
	III MPCS B	7	Revision				Previous knowledge checked	
	II MPCS B	8	Wein's displacement law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 8 November, 2023	II MPCS A	5	Wein's displacement law	Lecture	Teaching		Previous knowledge checked	
	III MPCS A	6	Revision				Previous knowledge checked	
	III MPCS B	7	Revision				Previous knowledge checked	
	II MPCS B	8	Wein's displacement law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Thursday, 9 November, 2023	II MPCS A	5	Stefan-Boltzmann's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Revision				Previous knowledge checked	
	III MPCS B	7	Revision				Previous knowledge checked	



	II MPCS B	8	Stefan-Boltzmann's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 10 November, 2023	II MPCS A	5	Stefan-Boltzmann's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Revision				Previous knowledge checked	
	III MPCS B	7	Revision				Previous knowledge checked	
	II MPCS B	8	Stefan-Boltzmann's	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 11 November, 2023	II MPCS A	5	Rayleigh-Jean's law (No Derivations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Revision				Previous knowledge checked	
	III MPCS B	7	Revision				Previous knowledge checked	
	II MPCS B	8	Rayleigh-Jean's law (No Derivations	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Monday, 13 November, 2023	II MPCS A	5	Planck's law of black body radiation- Derivation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Revision				Previous knowledge checked	

	III MPCS B	7	Revision				Previous knowledge checked	
	II MPCS B	8	Planck's law of black body radiation-Derivation	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 14 November, 2023	II MPCS A	5	Deduction of Wein's law and Rayleigh Jean's law from Planck's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Deduction of Wein's law and Rayleigh Jean's law from Planck's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Wednesday, 15 November, 2023	II MPCS A	5	Deduction of Wein's law and Rayleigh Jean's law from Planck's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Deduction of Wein's law and Rayleigh Jean's law from Planck's law	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Friday, 17 November, 2023	II MPCS A	5	Solar constant and its determination using Angstrom pyroheliometer	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Solar constant and its determination using Angstrom pyroheliometer	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Saturday, 18 November, 2023	II MPCS A	5	Estimatio Practical n of surface temperature of Sun.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Estimation of surface temperature of Sun.	Lecture	Teaching	Board & chalk	Previous knowledge checked	
Tuesday, 21 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Wednesday, 22	II MPCS A	5	Revision				Previous knowledge checked	

November, 2023	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Thursday, 23 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Friday, 24 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Monday, 27 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	A							
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	

Tuesday, 28 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Wednesday, 29 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Thursday, 30 November, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Friday, 1 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Monday, 4 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Tuesday, 5 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	B							
	II MPCS B	8	Revision				Previous knowledge checked	
Wednesday, 6 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Thursday, 7 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	II MPCS B	8	Revision				Previous knowledge checked	
Friday, 8 December, 2023	II MPCS A	5	Revision				Previous knowledge checked	
	III MPCS A	6	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	
	III MPCS B	7	Practicals	Lecture	Teaching	Board & chalk	Previous knowledge checked	

	II MPCS B	8	Revision				Previous knowledge checked	
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Faculty

Head of the Department

Principal