



JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2018 - 2019, Department of Physics

Name of Teacher: Dr. A. B. Kadam

Subject: Physics, Class: B.Sc. I, Total Period: 45

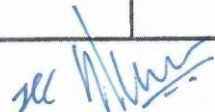
Semester: I, Name of Paper: Heat and Thermodynamics, Paper No.: II

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1.	June	10	Thermometry & Thermal conductivity: Types of thermometers, principle of thermometry, centigrade and Fahrenheit Scale, Transfer of heat, coeff. of thermal conductivity, Rectilinear flow of heat along a metal bar, methods of radial flow of heat. i) Spherical shell method ii) Flow of heat along the wall of cylindrical tube comparison of conductivities of different metals		
2.	July	14	Real Gases: Introduction, Eq ⁿ of state, Reason for modification of gas eq ⁿ		


Teacher


HOD

Department of Physics
Jawahar Arts, Science & Commerce College
Anadur, Tuljapur, Dist. Osmanabad - 413 603



PRINCIPAL
Jawahar Arts, Science & Commerce College
Anadur, Tuljapur, Dist. Osmanabad



JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2018 - 2019 Department of Physics


Name of Teacher: DE. A. B. Kadam.

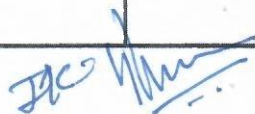
Subject: Physics, Class: 8. Sc I, Total Period. : 48

Semester: I, Name of Paper: Heat and Thermodynamics Paper No. : _____

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
			Vander waals eq ⁿ of state, zero th law of thermodynamics, comparison with experimental curves, critical constants of Vanderwaals eq ⁿ .		
	Aug.	15	<u>Transport phenomena</u> -		
	Sep.	04	Introduction, mean free path, sphere of influence and expression for mean free path, variation of mean free path, variation with temp and press, transport phenomena, viscosity, thermal conductivity.	Lecture	
	Oct	09	Thermodynamics:	Lecture	
		04	Adiabatic, Isothermal Process, eq ⁿ for perfect gas		


Teacher


HOD
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413603.


PRINCIPAL
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.



JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plan, Academic Year 2028 - 2019, Department of Physics

Name of Teacher: Dr. A. B. Kadam


Subject: Physics, Class: B.Sc III, Total Period: 45

Semester: IV, Name of Paper: Electromagnetics, Paper No.: XVI

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1.	June	11	Electromagnetics	Lecture	
2.	July	14	Time varying field	Lecture	
3.	Aug	04 09	E. M waves III	Explanation method	
4.	Sept Oct	13	Free electron theory of solid & transfer properties	lecture	


Teacher


HOD
Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603


PRINCIPAL
Jawahar Arts, Science & Commerce
College, Anadur,
Tal. Tuljapur, Dist. Osmanabad.

