



JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2019 - 2020 Department of Physics


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

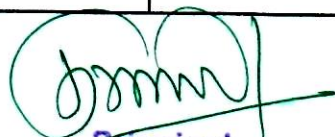
Subject: Physics, Class: B.SCT, Total Period.: 45

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	<u>Thermometry and Thermal conductivity</u> : Types of Thermometers, Principle of thermometry, centigrade, & Ferrenhart 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.	lecture.	
2.	July	14	<u>Real gases</u> : Introduction, Eq ⁿ of State Reason for modification of gas eq ⁿ .	Lecture	


Teacher


Head
HOD Physics
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Anadur, Dist. Osmanabad - 413 603.


Principal
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2020 - 2021, Department of Physics

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


Subject: Physics, Class: B. Sci, 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
			vander waals eq ⁿ of state zeroth law of thermo- dynamics, critical const ^s of vanderwaals eq ⁿ .		
	Aug. sept	15 04	Transport phenomena: Introduc ⁿ , mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temp and press, transport phenomena.	lecture	
	oct.	09 04.	Thermodynamics:- Adiabatic process, adiabatic eq ⁿ of perfect gas.	lecture	


Teacher

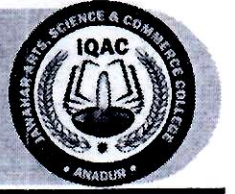

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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2019 - 2020 Department of physics

Name of Teacher: Dr. A. B. Kadam

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

Semester: V, 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 11	Electromagnetics	lecture	
2	July	14	Time Varying field	lecture	
3	Aug	04 09	E.M. Waves III	lecture	
4	Sept. Oct	13	Free Electron theory of Solid and transfer Properties	lecture	

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