







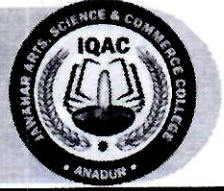






# JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



## INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 22, Department of Physics

Name of Teacher: Dr. Ankush B. Kadam


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

Semester: V, Name of Paper: Electrodynamics, Paper No.: XVI

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
	Sept - 2021				
	Oct 2021	11	Electrostatics	Lecture	
	Nov 2021	14	Time varying field.	lecture	
	Dec. 2021	15	<del>Wave</del> Electromag- netic waves III	lecture.	

  
Teacher

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

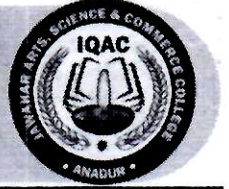
  
Principal  
Jawahar Arts, Science & Commerce  
College, Anadur,  
Tal. Tuljapur, Dist. Osmanabad.





# JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



## INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 22, Department of Physics

Name of Teacher: Dr. Ankush B. Kadam

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

Semester: IV, Name of Paper: solid state physics, Paper No. : XII

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
	March 2022	12	Crystal Structure	charts.	
	April - 2022	12	Bonding and band theory of solids.	lecture	
	May 2022	13	Thermal properties of solids.	lecture	

Teacher

Head  
Department of Physics  
HOD

Jawahar Arts, Science & Commerce College  
Anadur, Tal. Tuljapur, Dist. Osmanabad - 413 603.

PRINCIPAL

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















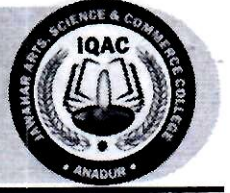






# JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



## INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 2022 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
			Vander waals eq <sup>n</sup> of State, Zeroth law of thermodynamics, comparison with experimental curves, critical constants, const. of vander waals eq <sup>n</sup>		
3)	Dec - 2021	15	Transport phenomena - Introduction, Mean free path, sphere of Influence and expression for mean free path, variation of mean free path with temp and pressure, transport phenomena, viscosity, thermal conductivity.	lecture	
4)	Jan 2022	13	Thermodynamics: Adiabatic process, Adiabatic equation of perfect gas,	lecture	

Teacher

HOD

Principal

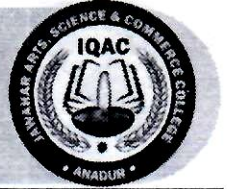
Jawahar Arts, Science & Commerce College, Anadur, Tuljapur, Dist. Osmanabad.





# JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



## INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 22, Department of Physics

Name of Teacher: Dr. Ankush B. Kadam

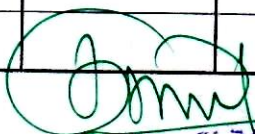
Subject: Physics, Class: B.Sc. I, Total Period.: 45

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
	September October 2021	10	Thermometry and Thermal Conductivity: Types of thermometers, Principle of thermometry, centigrade and Fahrenheit scale, Transference of heat, coefficient of thermal conduct -vity, 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	
	Nov. 2021	14	<u>Real Gases</u> : Introduction, Eq <sup>n</sup> of state Reason for modification of gas eq <sup>n</sup>	lecture	

  
Teacher

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

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