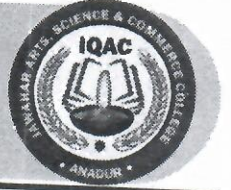




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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2017 - 2018, 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
1	June	10	Thermometry and Thermal conductivity: Types of thermometers, Principle of thermometry, Centigrade, and Fahrenheit scale, Transference of heat, coeff. of thermal conductivity, method 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, question, answer, method	
2	July	14	<u>Real Gases</u> :- Introduction, Eq ⁿ of state, Reason for modification of gas eq ⁿ	Explanation method	

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INTERNAL QUALITY ASSURANCE CELL


Annual/Semester Teaching Plane, Academic Year 2027 - 2018 Department of _____


Name of Teacher: _____

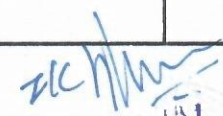
Subject: _____, Class: _____, Total Period. : _____

Semester: _____, Name of Paper: _____, Paper No. : _____

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
			vander waals eq ⁿ of state Zerath law of thermody- namics, comparison with experimental curves critical constants, const. of vander waals eq ⁿ .		
	Aug.	15	<u>Transport Phenomena</u> :- Introduc ⁿ , Mean free pathe, Sphere of Influence, and expression for mean free path, variation of mean free path with temp and press. transpa- -rt phenomena, viscosity, thermal conductivity.		
	Sept - Oct.	13	<u>Thermodynamics</u> :- Adiabatic process Adiabatic eq ⁿ of perfect gas.		


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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 202 - 2 , Department of _____

Name of Teacher: _____

Subject: _____, Class: _____, Total Period. : _____

Semester: _____, Name of Paper: _____, Paper No. : _____

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
			Isothermal process, Indicator dia. work done during Isotherma and adiabatic process, reversible and Irrever - sible process, 2 nd law of thermody namics, heat engines, Carnot cycle.		

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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2027 - 2018, Department of Physics


Name of Teacher: Dr. A.B. Kadlam

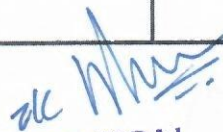
Subject: Physics, Class: B.Sc I, Total Period. : 45

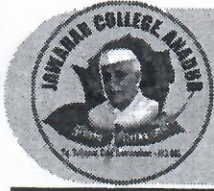
Semester: II, Name of Paper: Electricity and magnetism Paper No. : V

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1	NOV	11	vector Algebra	Lecture	
2	Dec.	11	Electrostatics	chart, table, lecture	


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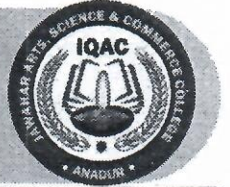

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Annual/Semester Teaching Plane, Academic Year 202 - 2 , Department of _____

Name of Teacher: _____

Subject: _____, Class: _____, Total Period. : _____

Semester: _____, Name of Paper: _____, Paper No. : _____

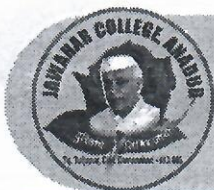
Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
3.	Jan.	12	Dielectrics	lecture	
4.	Feb - march	11	magnetostatics	question answer method.	

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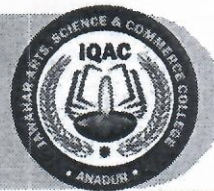
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2027 - 2018 Department of Physics

Name of Teacher: Dr. A. B. Kadam

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

Semester: III, Name of Paper: mathematical statistical physics and Relativity Paper No. : VIII

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1.	June				
2.	July	11	Differentiation of ordinary differential eq ⁿ	lecture	
3.	Aug	14	Statistical basis and classical statistics.		

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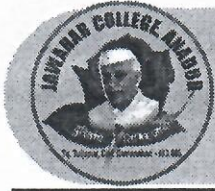
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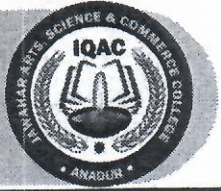
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2027 - 2028 Department of Physics

Name of Teacher: Dr. A. B. Kadam

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

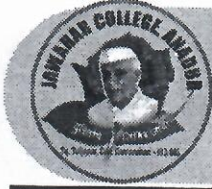
Semester: IV, Name of Paper: Solid state physics, Paper No. : XII

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1.	Nov	12	Crystal structure	Charts	
2.	Dec.	12	Bonding and band theory of Solids	Explanation method.	
3.	Jan	13	Thermal properties of solids	lecture	
	Feb.	10			

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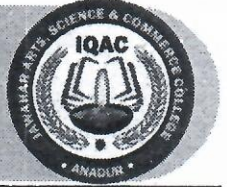
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 202 - 2 , 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
	June	11 05	Electrostatics, Electromagnetic waves III	Lecture	
	July	14 04	Time varying field E. m. waves-	Lecture	
3.	Aug.	04	E. m. waves III	Discrip- tive method.	
4.	Sept. Oct.	13	Free electron theory of metals and transfer properties	Lecture.	

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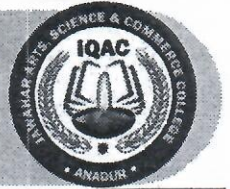
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2027 - 2028 Department of Physics

Name of Teacher: Dr. A. B. Kadam


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

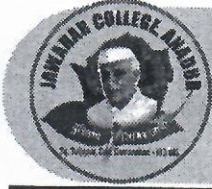
Semester: III, Name of Paper: Non conventional energy sources and optical fiber. Paper No. : _____

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
1.	Nov	12	Non conventional energy sources	lecture	
2.	Dec.	12	Solar photovoltaic system	lecture	
3.	Jan	13	Introduction of optical fiber	lecture	


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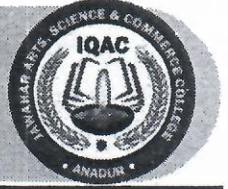

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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 202 - 2 , 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
	June	11	Electrostatics, Electromagnetic waves III	Lecture	
	July	14 04	Time varying field E. m. waves.	Lecture	
3.	Aug.	04	E. m. waves III	Discrip- tive method.	
4.	Sept - Oct.	13	Free electron theory of metals and transfer properties	Lecture	

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Department of Physics

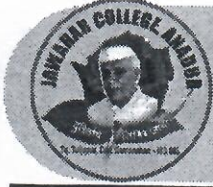
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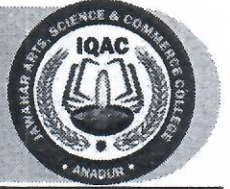
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester: Teaching Plane, Academic Year 202 - 2 , Department of

Name of Teacher:

Subject: , Class: , Total Period. :

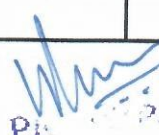
Semester: , Name of Paper: , Paper No. :

Sr.No.	Month	Total Periods In Month	Name of Chapter /Unit	Teaching Method Use	Remark
4.	Feb	13	Fiber cables and fabrication	lecture	
5.	March	13	Introduction of E.M. waves with matter	lecture	

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