

J.J. College of Arts and Science (Autonomous)
J.J. Nagar, Sivapuram Post, Pudukkottai

Details of ICT Enabled Teaching Resources

Department : PHYSICS
 Name of the Staff : R. SHANTHI

Academic Year : 2022 - 2023
 Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	05/07/22	II B.Sc, Physics	THERMAL AND STATISTICAL PHYSICS	Thermal radiation	PPT
2.	15/07/22	II B.Sc, (Mat & che)	Allied Physics-I	Laws of floatation	PPT
3.	18/07/22	II B.Sc, Physics	Thermal and Statistical Physics	Stefan-Boltzmann law	PPT
4.	21/07/22	II B.Sc, (Mat & che)	Allied Physics-I	Meta centre and meta centric height	PPT
5.	02/08/22	II B.Sc, Physics	Thermal and Statistical Physics	Liquefaction of Air - Linde's Process	PPT
6.	11/08/22	II B.Sc, (Mat & che)	Allied Physics-I	Acoustic of buildings	PPT
7.	04/09/22	II B.Sc, Physics	Thermal and Statistical Physics	Comparison of the 3 statistics	PPT
8.	15/09/22	I M.Sc, Physics	Mathematical Physics	Group multiplication Table	PPT
9.	30/09/22	II B.Sc, (Mat & che)	Allied Physics-I	Bomb Calorimeter	PPT
10.	06/10/22	I M.Sc, Physics	Mathematical Physics	Isomorphism and homomorphism	PPT
11.	18/10/22	II B.Sc, (Mat & che)	Allied Physics-I	Short coming of Debye's theory	PPT
12.	26/10/22	II B.Sc, Physics	Thermal and Statistical Physics	Microstate	PPT

R. S. L. L.
 Signature of the Staff



R. S. L. L.
Head of the Department
 Dr. M.K. MURALI, M.Sc., M.Phil., Ph.D.
 HEAD AND ASSISTANT PROFESSOR,
 P.G. AND RESEARCH DEPARTMENT OF PHYSICS
 J.J. COLLEGE OF ARTS AND SCIENCE (AU),
 J.J. NAGAR, SIVAPURAM,
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G. P. S.
Principal
 Dr. J. PARASURAMAN, M.A., M.C.A.
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Details of ICT Enabled Teaching Resources

Department : physics
 Name of the Staff : R. Shanthi

Academic Year : 2022 - 2023
 Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	15/12/22	I B.Sc, Physics	Mechanics	Determination of 'G' Boy's method	PPT
2.	20/12/22	I M.Sc, Physics	Thermodynamics and statistical mechanics	Phase space	PPT
3.	27/12/22	II B.Sc, (Mat & che)	Allied Physics-III	1's complement subtraction	PPT
4.	03/01/23	I B.Sc, Physics	Mechanics	Variation of 'g' with latitude	PPT
5.	13/01/23	II B.Sc, (Mat & che)	Allied Physics-III	Liquid drop model	PPT
6.	27/01/23	I M.Sc, Physics	Thermodynamics and statistical mechanics	Maxwell relations	PPT
7.	01/02/23	I B.Sc, Physics	Mechanics	Centre of Gravity of solid Tetrahedron	PPT
8.	06/02/23	I M.Sc, Physics	Thermodynamics & statistical mechanics	Microstate and Macro state	PPT
9.	20/02/23	II B.Sc, (Mat & che)	Laws of Electromagnetic induction	Laws of Electromagnetic induction	PPT
10.	06/03/23	I B.Sc, Physics	Mechanics	Application of Bernoulli's theorem	PPT
11.	14/03/23	I M.Sc, Physics	Thermodynamics & statistical mechanics	Phase transitions	PPT
12.	20/03/23	II B.Sc, (Mat & che)	Allied Physics-III	X-ray	PPT

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Th 2 - I

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Details of ICT Enabled Teaching Resources

Department : PHYSICS
 Name of the Staff : Dr. M.K. Murali

Academic Year : 2022 - 2023
 Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	1.07.22	II.M.Sc	Advanced Physics	Fundamental at laser	PPT
2	4/7/22	II.M.Sc	Advanced Physics	characteristic at laser Types of laser.	PPT
3	11/7/22	II.M.Sc	Advanced Physics	Semi conductor laser.	PPT
4	14/7/22	II.M.Sc	Advanced Physics	Construction & working of Ruby laser.	E-Content
5	15/7/22	II.M.Sc	Advanced Physics	Construction & working of He-Ne laser.	E-Content
6	19/7/22	II.M.Sc	Advanced Physics	Construction & working of Nd:Yag laser.	E-Content
7	18/8/22	II.M.Sc	Advanced Physics	Types of Fibre optics	PPT
8	25/8/22	II.M.Sc	Advanced Physics	NA of Fibre optics	PPT
9	6/9/22	II.M.Sc	Advanced Physics	Application of Fibre optics	PPT

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Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	15/12/22	III.B.Sc	C-Programming	C-structure.	PPT
	16/12/22	III.B.Sc	C-Programming	constant, variable.	PPT
	23/12/22	III.B.Sc	C-Programming	operators.	E-Book
	26/12/22	III.B.Sc	C-Programming	Expressions & control structure	E-Book
	31/1/23	III.B.Sc	C-Programming	Arrays.	PPT
	15/2/23	III.B.Sc	C-Programming	pointers.	PPT
	21/3/23	III.B.Sc	C-Program	Solving simple program	you tube

Signature of the Head of the Department


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Details of ICT Enabled Teaching Resources

Department : PHYSICS

Academic Year : 2022 - 2023

Name of the Staff : MR. S. SASEKUMAR

Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	13/12/2022	I M.Sc Physics	Crystal Growth and Thin Films	Introduction to crystal growth & thin films	PPT
2.	15/12/2022	I M.Sc Physics	Crystal Growth and thin films	Nucleation and crystal growth	PPT
3.	28/12/2022	I M.Sc Physics	Crystal Growth and thin films	Crystal system and symmetry	PPT
4.	09/01/2023	I M.Sc Physics	Crystal Growth and thin films	Slow evaporation method	PPT
5.	19/01/2023	I M.Sc Physics	Crystal Growth and thin films	Bridgman Techniques	PPT
6.	03/03/2023	I M.Sc Physics	Crystal Growth and thin films	X-ray diffraction	PPT
7.	16/2/2022	II B.Sc 'CS'	Applied physics - III	Zener diode	PPT
8.	26/12/2022	II B.Sc 'CS'	Applied Physics - III	Transistor	PPT
9.	04/01/2023	II B.Sc 'CS'	Applied physics - III	field Effect Transistor	PPT
10.	18/01/2023	II B.Sc 'CS'	Applied physics - III	Laser and maser	PPT
11.	30/01/2023	II B.Sc 'CS'	Applied physics - III	Helium-Neon Laser	PPT
12.	17/02/2023	II B.Sc 'CS'	Applied physics - III	Light-Emitting diode	PPT

S. Sasekumar
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M.K. Murali

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J.J. College of Arts and Science (Autonomous)**J.J. Nagar, Sivapuram Post, Pudukkottai****Details of ICT Enabled Teaching Resources****Department** : PHYSICS**Academic Year** : 2022 - 2023**Name of the Staff** : MR. S. SASIKUMAR**Semester** : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	12/07/2022	II B.Sc Physics	Biomedical Instrumentation	Resting and action potentials	PPT
2	22/08/2022	III B.Sc Physics	Biomedical Instrumentation	Cardiovascular Measurements	PPT
3	06/10/2022	III B.Sc Physics	Biomedical Instrumentation	Nervous Measurements	PPT
4	19/10/2022	III B.Sc Physics	Biomedical Instrumentation	Ultrasonic and X-ray measurements	PPT
5	04/07/2022	II M.Sc Physics	Nanoscience and Nanotechnology	Background to Nanotechnology	PPT
6	19/07/2022	II M.Sc Physics	Nanoscience and Nanotechnology	Nucleation	PPT
7	04/08/2022	II M.Sc Physics	Nanoscience and Nanotechnology	Types of Nanostructures	PPT
8	17/10/2022	II M.Sc Physics	Nanoscience and Nanotechnology	Applications of Nanomaterials	PPT
9	05/07/2022	II B.Sc 'CS'	Applied physics - I	Electrostatics	PPT
10	04/08/2022	II B.Sc 'CS'	Applied physics - I	Current Electricity	PPT
11	28/09/2022	II B.Sc 'CS'	Applied physics - I	Electromagnetic Induction	PPT
12	17/10/2022	II B.Sc 'CS'	Applied physics - I	Alternating current	PPT

S. Sasikumar
Signature of the Staff

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Details of ICT Enabled Teaching Resources

Department : PHYSICS

Academic Year : 2022 - 2023

Name of the Staff : P. MENAKA.

Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	8/12/22	III. B.Sc Physics	Nanoscience	Elementary ideas of Nanostructures.	PPT.
2.	12/01/23	III. B.Sc Physics	Nanoscience	Carbon nanotubes property.	PPT
3.	02/02/23	III. B.Sc Physics	Nanoscience.	Scanning Electron Microscopy.	PPT
4.	08/03/23	III. B.Sc Physics.	Nanoscience.	Scanning Tunneling Microscopy. (STM)	PPT
5.	02/01/23	I.M.Sc Physics	Electromagnetic theory	Energy of continuous charge distribution	PPT.
6.	31/01/23	I.M.Sc Physics	Electromagnetic Theory	The wave Equation for E and B	PPT.
7.	15/02/23	I.M.Sc Physics	Electromagnetic theory	Faradays law	PPT
8.	14/03/23	I.M.Sc Physics	Electromagnetic theory.	Sinusoidal wave reflection and transmission.	PPT.
9.	19/12/23	II. B.Sc comp. Science	Applied Physics - III	Zener diode and V-I characterizations	PPT
10.	13/01/23	II. B.Sc (C.S)	Applied Physics - III	FET and Characterizations	PPT.
11.	03/02/23	II. B.Sc (C.S)	Applied Physics - III	Laser concepts and applications	PPT
12.	07/03/23	II. B.Sc physics	Applied Physics - III	LED Construction and characterization	PPT.

Signature of the Staff

J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous)
PUDUKKOTTAI

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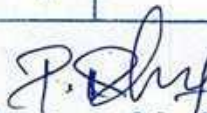
J.J. College of Arts and Science (Autonomous)
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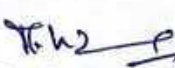
Details of ICT Enabled Teaching Resources

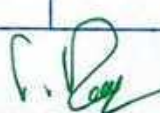
Department : Physics
 Name of the Staff : P. Menaka

Academic Year : 2022 - 2023
 Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	19/07/22	II. B.Sc (Comp. Science)	Applied Physics - I	Principle of Capacitors	PPT
2.	04/08/22	II. B.Sc (Comp. Science)	Applied Physics - I	Magnetic properties	PPT.
3.	06/09/22	II. B.Sc (Comp. Science)	Applied Physics - I	Determination of Mutual Induction using B.C.	PPT.
4.	14/10/22	II. B.Sc (Comp. Science)	Applied Physics - I	Series and Parallel Resonance Circuit.	PPT.
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Signature of the Staff 



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Details of ICT Enabled Teaching Resources

Department : physics

Academic Year : 2022 - 2023

Name of the Staff : P. Parameswari

Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	4/7/22	II Bsc chemistry	Allied physics I	centre of gravity of a solid Hemisphere	PPT
2	7/7/22	II Bsc phy	Electricity and Magnetism	Gauss theorem	PPT
3	11/7/22	II Bsc chemistry	Allied physics I	stability of floating bodies	PPT
4	25/7/22	II Bsc physics	Electricity and Magnetism	Energy loss due to sharing charges	PPT
5	28/7/22	II Bsc chemistry	Allied physics I	Lissajous Figures	PPT
6	1/9/22	II Bsc physics	Electricity and Magnetism	Laws of Electromagnetic Inductance	PPT
7	2/9/22	III Bsc physics	optics	aberrations	PPT
8	2/9/22	I msc physics	classical mechanics	mechanics of a system of particle	PPT
9	14/9/22	III Bsc physics	optics	Distortion	PPT
10	16/9/22	I msc physics	classical mechanics	Constraints	PPT
11	11/10/22	III Bsc physics	optics	Huygen's eyepiece	PPT
12	21/10/22	I msc physics	classical mechanics	D'Alembert's principle	PPT

P. Parameswari
Signature of the Staff



TKL

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Department : physics

Academic Year : 2022 - 2023

Name of the Staff : P. Parameswari

Semester : ~~Odd~~/ Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	12/12/22	I msc physics	quantum mechanics	Klein-Gordon equation for a free particle in an electromagnetic field	PPT
2	13/12/22	II Bsc physics	Laser and Spectroscopy	Infra-red Spectroscopy	PPT
3	28/12/22	I msc physics	quantum mechanics	Dirac matrices	PPT
4	4/1/23	II Bsc physics	Laser and spectroscopy	Holography	PPT
5	12/1/23	III Bsc physics	Nano-science	Top-down approaches	PPT
6	13/1/23	III Bsc physics	Nano-Science	Bottom-up approaches	PPT
7	31/1/23	I msc physics	quantum mechanics	Spin-orbit interaction	PPT
8	6/2/23	II Bsc physics	Laser and Spectroscopy	spontaneous emission, stimulated emission	PPT
9	27/2/23	II Bsc physics	Laser and Spectroscopy	Ruby Laser	PPT
10	8/3/23	III Bsc physics	Nano-science	quantum Dots	PPT
11	15/3/23	I msc physics	quantum mechanics	Angular momentum Commutation Relations	PPT
12	16/3/23	III Bsc physics	Nano-Science	quantum wire	PPT

P. Parameswari
Signature of the Staff

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Head of the Department

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Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	27/1/23	M.Sc	Electromagnetic theory.	Boundary conditions at the surface of discontinuity.	Ppt
2	27/1/23	B.Sc	Allied Applied physics - III	Inverting OP-Amp Explain.	Ppt
3	31/1/23	M.Sc	Electromagnetic Theory.	Conductor-dielectric Boundary condition.	Ppt
4	31/1/23	B.Sc	Allied Applied physics - III	Differential - op-Amp derivation Explain	Ppt
5	06/02/23	M.Sc	Electromagnetic Theory	Reflection and refraction of E.M waves at the interface of non-conducting media.	E-source
6	07/02/23	B.Sc	Allied Applied physics - III	Adder or summing Amplifier.	Ppt
7	07/02/23	M.Sc	Electromagnetic Theory.	Kinematic and dynamic properties - Fresnel's Equation.	E-Source
8	15/02/23	M.Sc	Electromagnetic Theory	Electric field vector E' parallel to the plane of incidence.	Ppt
9	15/02/23	B.Sc	Allied Applied physics - III	Comparator	Ppt
10	07/03/23	B.Sc	Allied Applied physics - III	LED - construction.	Ppt
11	07/03/23	M.Sc	Electromagnetic Theory.	Brewster's law and degree of polarization.	E-Source
12	23/03/23	B.Sc	Allied Applied physics - III	photo multiplies.	Ppt.

B. Gakthi
Signature of the Staff



Head of the Department

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Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.
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Details of ICT Enabled Teaching Resources

Department : PHYSICS

Academic Year : 2022 - 2023

Name of the Staff : S. DHANACHARAN

Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	11/7/22	III UG Physics	Solid state Physics	Meissner effect	PPT
2	11/7/22	III UG Physics	Solid state Physics	High temperature super conductors	PPT
3	12/7/22	III UG Physics	Solid state Physics	Josephson effect	PPT
4	15/7/22	III UG Physics	Solid state Physics	Types of Super Conductor	PPT
5	20/7/22	III UG Physics	Solid state Physics	Ionic Bond	PPT
6	26/7/22	III UG Physics	Solid state Physics	Covalent Bond	PPT
7	27/8/22	III UG Physics	Solid state Physics	Application of Superconductors	PPT
8	7/9/22	III UG Physics	Solid state Physics	Miller indices of some Planes	PPT
9	6/10/22	III UG Physics	Solid state Physics	Nuclear Engineering materials	PPT
10	27/10/2022	III UG Physics	Solid state Physics	Display materials	PPT
11	27/10/2022	III UG Physics	Solid state Physics	Surface Acoustic wave	PPT
12	27/10/22	III UG Physics	Solid state Physics	Metal Forming process	PPT

Signature of the Staff



Head of the Department

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Details of ICT Enabled Teaching Resources

Department : PHYSICS
Name of the Staff : S. DHANALAYAN.

Academic Year : 2022 - 2023
Semester : Odd / Even

SL No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1	12/12/2022	III UH Physics	Microprocessor and its Application	Interfacing Stepper Motor	PPT
2	20/12/2022	III UH Physics	Microprocessor and its Application	Permanent magnet type Stepper motor	PPT
3	18/1/2023	III UH Physics	Microprocessor and its Application	Water Level Indicator	PPT
4	3/2/2023	III UH Physics	Microprocessor and its Application	7-segment LED display	PPT
5	2/3/23	III UH Physics	Microprocessor and its Application	Microprocessor Based Traffic control	PPT
6	6/3/23	III UH Physics	Microprocessor and its Application	Frequency measurement	PPT
7	29/12/2022	III UH Physics	Electrical Home Appliances	Basic of Electromagnetic theory	PPT
8	19/1/2023	III UH Physics	Electrical Home Application	UPS Inverter	PPT
9	31/1/2023	III UH Physics	Electrical Home Application	Working Principle of Induction stove	PPT
10	3/2/2023	III UH Physics	Electrical Home Transformer Application	Transformer	PPT
11	17/2/2023	III UH Physics	Electrical Home Application	Solenoid for fan and regulator	PPT
12	24/2/2023	III UH Physics	Electrical Home Application	Electrical Fan and Air cooler.	PPT

S. Dhanalayan
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J.J. College of Arts and Science (Autonomous)**J.J. Nagar, Sivapuram Post, Pudukkottai****Details of ICT Enabled Teaching Resources****Department : PHYSICS****Academic Year : 2022 - 2023****Name of the Staff : Mr. SETHIL KUMAR G.****Semester : Odd / Even**

SL. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	13/12/2022	II BSC Physics.	Basic Electronics	Introduction to Semiconductor.	PPT
2.	15/12/2022	II BSC Physics	Basic Electronics	P-Type Semi Conductor.	PPT
3.	28/12/2022	II BSC Physics.	Basic Electronics	N-Type Semi Conductor.	PPT
4.	09/01/2023	II BSC Physics	Basic Electronics	BJT - Construction working & Application.	PPT
5.	19/01/2023	II BSC Physics.	Basic Electronics	JFET - working & Application.	PPT
6.	04/03/2023	II BSC Physics.	Basic Electronics	OP-amp Application.	PPT
7.	15/12/2023	III BSC Physics.	Microprocessor & its applications	Introduction to 8085 MP.	PPT
8.	26/12/2022	III BSC Physics	Microprocessor & its applications.	8085 MP - Architecture	PPT
9.	04/01/2023	III BSC Physics.	Microprocessor & its application.	8085 - ALP Programming.	PPT
10.	18/01/2023	III BSC Physics.	Microprocessor & its applications.	8085 - Interfacing	PPT
11.	30/01/2023	I MSC Physics	Quantum mechanics	Introduction to Quantum mechanics.	PPT
12.	17/02/2023	I MSC Physics.	Quantum mechanics.	1-D box Equation.	PPT.

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SL No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	11/7/2022	III BSC Physics	Digital Electronics	Introduction to Digital Electronics	PPT
2.	25/7/2022	III BSC Physics	Digital Electronics	Basic Number Systems	PPT
3.	8/8/2022	III BSC Physics	Digital Electronics	Logical Gate.	PPT
4.	22/8/2022	III BSC Physics	Digital Electronics	2-Port N/w.	PPT
5.	12/9/2022	III BSC Physics	Digital Electronics	Boolean Algebra.	PPT
6.	26/9/2022	III BSC Physics	Digital Electronics	Digital Semiconductor memory.	PPT.
7.	13/7/2022	II BSC CS	Applied Physics - I	Introduction to Electricity & magnetism	PPT
8.	27/7/2022	II BSC CS	Applied Physics - I	Capacitors.	PPT
9.	15/8/2022	II BSC CS	Applied Physics - I	Types of magnetic	PPT
10.	29/8/2022	II BSC CS	Applied Physics - I	Electro magnetic induction.	PPT
11.	5/9/2022	II BSC CS	Applied Physics - I	LCR - coil circuit.	PPT
12.	16/9/2022	II BSC CS	Applied Physics - I	Kirchoff's Law's	PPT.

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Details of ICT Enabled Teaching Resources

Department : PHYSICS
 Name of the Staff : DR. K. DHANABALAN

Academic Year : 2022 - 2023
 Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	16/12/22	M.Sc.	Thermodynamics & Stat. mechanics	Distributions	PPT
2.	03/01/23	M.Sc.	Thermodynamics & Stat. mechanics	B-E & F-D distributions	PPT
3.	30/01/23	M.Sc.	Thermodynamics & Stat. mechanics	Thermodynamic quantities	PPT
4.	02/03/23	M.Sc.	Thermodynamics & Stat. mechanics	Bose condensation	PPT
5.	26/03/23	M.Sc.	Thermodynamics & Stat. mechanics	Fluctuation in different ensembles	PPT
6.	19/12/22	B.Sc.	Elements of theoretical physics	D'Alembert's principle	E-content
7.	03/01/23	B.Sc.	Elements of theoretical physics	Applications of Lagrangian eqn	PPT
8.	19/01/23	B.Sc.	Elements of theoretical physics	De Broglie wavelength	PPT
9.	02/02/23	B.Sc.	Elements of theoretical physics	Grp. Thomson's experiment	E-content
10.	16/02/23	B.Sc.	Elements of theoretical physics	Schrodinger wave mechanics	PPT
11.	29/12/22	B.Sc.	Mechanics	Newton's law of impact coefficient	PPT
12.	24/01/23	B.Sc.	Mechanics	Direct impact of two smooth spheres	PPT



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Details of ICT Enabled Teaching Resources

Department : PHYSICS
Name of the Staff : DR. K. DHANABALAN

Academic Year : 2022 - 2023
Semester : Odd / Even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	06/07/22	M.Sc.	Atomic and Molecular Spect	Rotation Spectra of diatomic molecule	E-Content
2.	13/07/22	M.Sc.	Atomic and Molecular Spect	The effect of isotopic substitution	PPT
3.	02/08/22	M.Sc.	Atomic and Molecular Spect	Symmetric and asymmetric top molecules	PPT
4.	02/09/22	M.Sc.	numerical methods & computational phy	General formula for errors	PPT
5.	08/09/22	M.Sc.	numerical methods & computational phy	Method of averages	PPT
6.	19/09/22	M.Sc.	numerical methods & computational phy	Least Squares	E-Content
7.	06/10/22	M.Sc.	numerical methods & computational phy	The iteration method	PPT
8.	19/10/22	M.Sc.	numerical methods & computational phy	Newton-Raphson method	PPT
9.	28/10/22	M.Sc.	numerical methods & computational phy	Gauss-Elimination method	PPT
10.	09/09/22	B.Sc.	properties of matter and sound	Different Moduli of elasticity	PPT
11.	19/09/22	B.Sc.	properties of matter and sound	uniform and nonuniform bending	PPT
12.	06/10/22	B.Sc.	properties of matter and sound	Young's modulus - Koenig's method.	PPT

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