

**Lesson plan for CBCS Syllabus:
Department of Physics,
Muralidhar Girls' College
ODD SEMESTER- GENERAL**

SEMESTER ONE GENERAL

Semester	Paper CC/GE-1-1-TH	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER ONE GENERAL	Mechanics	1	Mathematical Methods, Introduction to Newtonian Mechanics, Rotational Motion,	July - August	Suraj Ali
SEMESTER ONE GENERAL	Mechanics	1	Central force and Gravitation, Oscillations, Elasticity, Surface Tension	September - November	Suraj Ali

SEMESTER THREE GENERAL

Semester	Paper CC/GE-3-3-TH	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER THREE GENERAL	Thermal Physics and Statistical Mechanics	1	Laws of Thermodynamics, Thermodynamical Potentials, Kinetic Theory of Gases,	July - August	Suraj Ali
SEMESTER THREE GENERAL	Thermal Physics and Statistical Mechanics	1	Theory of Radiation, Statistical Mechanics	September - November	Suraj Ali

SEMESTER FIVE GENERAL

Semester	Paper CC/GE-5-5-TH	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER FIVE GENERAL	Analog Electronics	1	Circuits and Network, Semiconductor Devices, Regulated Power Supply	July - August	Suraj Ali
SEMESTER FIVE GENERAL	Analog Electronics	2	Feedback Amplifiers, Operational Amplifiers, Sinusoidal Oscillators:	September - November	Suraj Ali

EVEN SEMESTER- GENERAL

SEMESTER TWO GENERAL

Semester	Paper CC-2-2-TH	Unit	Topic	JANUARY- MARCH/ APRIL -JUNE	Faculty Name
Two	Electricity and Magnetism	1	Essential Vector Analysis, Electrostatics, Magnetism,	January - March	Suraj Ali
Two	Electricity and Magnetism	1	Electromagnetic Induction, Electrodynamics	April-May	Suraj Ali

SEMESTER FOUR GENERAL

Semester	Paper CC-4-4-TH	Unit	Topic	JANUARY- MARCH/ APRIL -JUNE	Faculty Name
Four	Waves and Optics	1	Accoustics, Superposition of vibrations, Vibrations in String	January - March	Suraj Ali
Four	Waves and Optics	1	Introduction to wave Optics, Interference, Diffraction, Polarization	April-May	Suraj Ali

SEMESTER SIX GENERAL

Semester	Paper CC-6-6-TH	Unit	Topic	JANUARY- MARCH/ APRIL -JUNE	Faculty Name
Six	Digital Electronics	1	Integrated Circuits, Number System, Digital Circuits	January - March	Suraj Ali
Six	Digital Electronics	1	Data processing circuit, Sequential Circuits, Registers and Counters	April-May	Suraj Ali