

शासकीय नवीन महाविद्यालय
सावहेवारा

20²²-20²³...

TEACHER'S DIARY

Subject PHYSICS

Name of Teacher ARVIND KUMAR BHEDIYA

Month September

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
1.	Cartesian, polar, cylindrical and spherical coordinate system. Inertial and non Inertial frame of reference, uniformly rotating frame	01.09.2022
	Coriolis force and its applications. Motion under a central force, Kepler's laws. Effect of Centrifugal and Coriolis force due to earth rotation	02.09.2022
	Center of mass and frame of reference. Motion of C.M. of system of particles subjected to external forces. Elastic and inelastic collision in one and two dimensions.	03.09.2022
		05.09.2022
		06.09.2022
		07.09.2022
		08.09.2022
		09.09.2022
		10.09.2022
		12.09.2022
		13.09.2022
		14.09.2022
	BSc - I	15.09.2022
	Paper - 2	16.09.2022
	Unit - 1	17.09.2022
	Repeated integrals of a function more than one variable, definition of double and triple integrals. Gradient of scalar field and its geometrical interpretation. Divergence and curl of a vector field. Line, surface and volume integrals. Flux of a vector field	19.09.2022
	Gauss divergence theorem, Green theorem and Stokes theorem and their significance.	20.09.2022
		21.09.2022
		22.09.2022
		23.09.2022
		24.09.2022
		26.09.2022
		27.09.2022
		28.09.2022
		29.09.2022
		30.09.2022

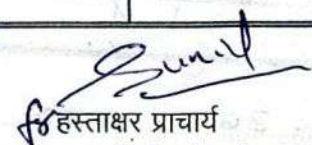
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Class BSC-(I)

WORK DONE DURING THE DAY	REMARK
Cartesian and polar coordinate system	
cylindrical coordinate system	
cylindrical and spherical coordinate system	
Inertial and non inertial frame of reference.	Teacher's day celebration
uniformly rotating frame	
coriolis force and its application.	
motion under a central force	
kepler 1st law derivation.	
kepler 1st law derivation.	Orientation program. BSC (I)
kepler 2nd & 3rd Law derivation.	
Effect of centrifugal and coriolis force due to earth	
motion of CM of system of particles subjected to	
elastic collisions one dimensional	Ozenday celebration
inelastic collision one dimensional	
elastic collision two dimensional	
Repeated integrals of a function more than one variable	
double and triple integral	
Gradient of a scalar field and physical interpretation	
divergence of vector field	
divergence of vector field	Nss. stabilization day
curl of vector field	
physical significance and geometrical interpretation	
line, surface and volume integrals.	
Gauss divergence theorem	
Green and stock theorem	



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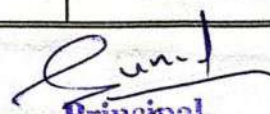
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S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.09.2022
	BSC 2 year	02.09.2022
	paper - 1, unit - 1	03.09.2022
	zero and first Law of thermodynamics.	05.09.2022
	Internal energy as a state function, reversible and Irreversible change, Carnot's cycle.	06.09.2022
	Carnot theorem, Entropy, ST Diagram	07.09.2022
	Thermodynamic scale of temperature	08.09.2022
	2nd and 3rd Law of thermodynamic	09.09.2022
	concept of Negative temperature.	10.09.2022
		12.09.2022
		13.09.2022
	paper - 2 unit - 1	14.09.2022
	wave equation, speed of transverse wave	15.09.2022
	on uniform string, speed of longitudinal	16.09.2022
	wave in a fluid, Energy density and energy	17.09.2022
	transmission in waves, wave over Liquide	19.09.2022
	surface, gravity wave and ripple, Group	20.09.2022
	velocity and phase velocity and Relation	21.09.2022
	production and detection of ultrasonic	22.09.2022
	and infrasonic waves and Application	23.09.2022
	Acoustic impedance of medium.	24.09.2022
	percentage reflection and refraction of light	26.09.2022
	(sound) at a boundary, Impedence	27.09.2022
	matching for transducers diffraction of	28.09.2022
	sound, principal of sonar system	29.09.2022
	sound ranging.	30.09.2022

WORK DONE DURING THE DAY	REMARK
zero and 1st Law of thermodynamic. Energy as a state P.	
Reversible and Irreversible change.	
Carnot's cycle in isothermal and adiabatic expansion	
Carnot's cycle in isothermal & adiabatic compression	
Carnot's theorem.	
Thermodynamic 2nd Law	
Entropy	
change of entropy in ideal gas	
Entropy change in reversible and irreversible process	
Entropy of Ideal gas	
S-T Diagram	
Principle of Increase of Entropy.	
the thermodynamic temperature of scale	
Third Law of thermodynamic	
wave equation	
speed of transverse wave on uniform string	
speed of longitudinal wave in a fluid	
Energy density and energy transmission in wave	
gravity wave designation	
group velocity and phase velocity. Reflection	
Acoustic impedance of a medium	
percentage reflection and refraction at a boundary	
impedance matching for transducers	
diffraction of sound	
Principle of sonar system	
Sound Ranging.	



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Subject PHYSICSMonth September

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper-1 Unit-1	01.09.22
	Reference system, inertial frames	02.09.22
	Michelson Morley experiments search	03.09.22
	for ether, postulates for the special	05.09.22
	theory of relativity, Lorentz transformation	06.09.22
	length contraction, time dilation velocity	07.09.22
	addition, variation of mass with velocity	08.09.22
	mass-energy equivalent particle with	09.09.22
	zero rest mass.	10.09.22
		12.09.22
		13.09.22
	Paper-2 Unit-1	14.09.22
	Amorphous and crystalline solid, Element	15.09.22
	of symmetry, seven crystal system	16.09.22
	Cubic Lattice, crystal plane's, miller indices	17.09.22
	Laue's equation for X-ray diffraction, Bragg's	19.09.22
	Law specific heat of solids classical	20.09.22
	theory of Einstein and Debye theories.	21.09.22
	Vibration mode of one dimensional monoatomic	22.09.22
	Lattice dispersion relation, Brillouin zone	23.09.22
		24.09.22
		26.09.22
		27.09.22
		28.09.22
		29.09.22
		30.09.22

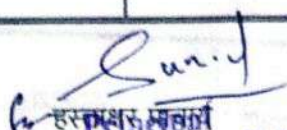
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WORK DONE DURING THE DAY

REMARK

Reference system and inertial frame of reference
 michelson morle experiment
 michelson morle experiment
 Gallilean transformation
 special theory of Relativity
 Lorentz transformation
 length contraction
 time dilation
 velocity addition
 variation of mass with velocity
 mass Energy equivalent
 Partical with zero rest mass
 Amorphous and crystalline solids
 Element of symmetry
 Seven crystal system
 UNIT Test - 01 Paper - 01
 cubic lattice
 crystal plane and miller indices
 Laue's equation for Xrays diffraction
 Bragg Law and Bonding in solids
 classical theory Einstein
 classical theory Einstein and Dulong - Petit's law
 Dulong Petit's law
 vibrational mode of one dimensional monoatomic


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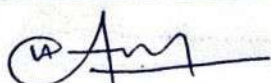
Month September

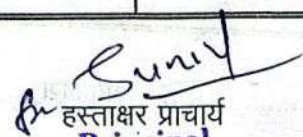
Subject PHYSICS practical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.09.22
		02.09.22
		03.09.22
		05.09.22
		06.09.22
		07.09.22
		08.09.22
		09.09.22
		10.09.22
		12.09.22
		13.09.22
		14.09.22
		15.09.22
		16.09.22
		17.09.22
		19.09.22
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		22.09.22
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		24.09.22
		26.09.22
		27.09.22
		28.09.22
		29.09.22
		30.09.22

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WORK DONE DURING THE DAY	REMARK
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
study of Newton cooling Law.	
General introduction of PN Junction diode.	
General introduction of Zener diode.	
study of compound pendulum.	
study of compound pendulum.	
study of Newton cooling Law.	
study of Newton cooling Law.	
study of PN Junction diode.	
study of PN Junction diode.	
study of parallel axis theorem of moment of inertia.	
study of parallel axis theorem of moment of inertia.	
To learn programming of C.	
To learn programming of C.	
study of Zener diode.	
study of Zener diode.	
study of vertical axis theorem of moment of Inertia.	
study of vertical axis theorem of moment of Inertia.	
study of polarimeter.	
study of polarimeter.	
study of transistor (general introduction)	


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Month .. October ..

Subject .. physics ..

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1, unit - 1	01.10.22
	Scattering angle in the laboratory frame of reference	06.10.22
	Conservation of linear and angular momentum	07.10.22
	unit - 2	08.10.22
	Rigid body motion, rotational motion, moments of inertia and their product: principal moment & axes, introductory idea of Euler's equation. potential well and periodic oscillation	10.10.22
	case of harmonic small oscillations.	11.10.22
		12.10.22
		13.10.22
		14.10.22
		15.10.22
		17.10.22
	Paper - 2	18.10.22
	unit - 2	19.10.22
	Coulomb law	20.10.22
	Calculation of E charge distribution	21.10.22
	dipole and quadrupole fields	22.10.22
	Work done on a charge in electrostatic field	27.10.22
	$\vec{E} = -\vec{\nabla}V$	28.10.22
	Torque on a dipole in a uniform electric field and work done. flux of electric field.	29.10.22
		31.10.22

कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

WORK DONE DURING THE DAY

REMARK

conservation of linear momentum.

conservation of angular momentum.

definition of Rigid body and rotation/translation
moment of Inertia. and product.

parallel axis theorem

perpendicular axis theorem.

principal moment of axis

Introductory idea of wave equation.

Potential well and periodic oscillation.

Case of small oscillation.

UNIT-TEST-2 Paper-2 UNIT-1

Wave equation and differential equation of pendulum

Coulomb Law in vacuum expressed in vector form

Calculation of E in simple distribution of charge.

Dipole and quadrupole field

Work done on a charge in electrostatic field

Relation $\vec{E} = -\vec{\nabla}V$

Torque on a dipole in a uniform electric field

Work done by dipole in uniform electric field

flux of the electric field



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Month october

Subject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	paper-1 unit-2	01.10.22
	Thermodynamic function, Internal Energy	06.10.22
	Enthalpy, Helmholtz function and Gibbs free	07.10.22
	Energy, maxwell thermodynamical equation's	08.10.22
	and their Application. Tds equation and	10.10.22
	heat capacity equation, application of	11.10.22
	maxwell equation in Joule-Thomson cooling	12.10.22
	adiabatic cooling of a system Van der Waals	13.10.22
	gas Clausius-Clapeyron heat equation,	14.10.22
	Black body spectrum and Planck theory of	15.10.22
	radiation.	17.10.22
		18.10.22
	paper-2	19.10.22
	unit-2	20.10.22
	Fermat's principle of extremal path.	21.10.22
	the aberration point of sphere and	22.10.22
	its Application, Cardinal point of optical	27.10.22
	system. thick lens and lens combination	28.10.22
	Lagrange's equation of magnification.	29.10.22
	telephoto lens schmidt corrector plate.	31.10.22
	need for multiple lens eyepiece.	

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WORK DONE DURING THE DAY

REMARK

Gibbs free Energy and maxwell 4 equation.

maxwell thermodynamic equation

maxwell thermodynamic equation and Application.

TdS equation and heat capacity equation.

app. of maxwell equation in Joule Thomson cooling

Wanderwall girls

clausius-clapeyron heat eqn.

Black body spectrum

plank theorem of equation.

Fermat's principal of extremum path.

the applanetic point of a sphere and other

Application of aplanatic point

Cardinal point of optical system

thick lens and lens combination -

Lagrange equation of magnification.

telephanta leucis

Schmidt corrector plates

need for multiple hence eyepiece.

Test Exam paper-1 unit -2

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Month OctoberSubject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper-1 unit-2	01.10.22
	failure of classical physics to explain the	06.10.22
	phenomena of black body radiation, photoelectric	07.10.22
	effect, Compton effect wave particle duality	08.10.22
	uncertainty principle, de Broglie hypothesis of	10.10.22
	matter wave the concept of group and	11.10.22
	phase velocity, Experimental demonstration	12.10.22
	of matter waves. Consequence of de Broglie	13.10.22
	concept, Bohr's Complementary principle	14.10.22
	Bohr's correspondence principle, Bohr atoms	15.10.22
	model, Energy of particle in box	17.10.22
	wave packet, gamma rays microscope.	18.10.22
		19.10.22
		20.10.22
	Paper-2	21.10.22
	Unit-2 (5)	22.10.22
	Binary Number	27.10.22
	Binary to decimal and decimal to	28.10.22
	Binary Conversion, OR and NOT gate.	29.10.22
		31.10.22

कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

WORK DONE DURING THE DAY

REMARK

Failure of classical physics to explain phenomena blackbody
 photo electric effect
 photo electric effect
 Compton effect
 wave particle duality
 uncertainty principle
 de Broglie hypothesis of a matter wave
 group velocity and phase velocity & Relation.
 Experimental demonstration of matter wave.
 Concept of de Broglie and consequence.
 Bohr complementarity principle.
 Bohr's correspondence principle
 Bohr's atomic model
 Bohr's atomic model
 Energy of particle in Box
 Gamma rays microscope.
 Binary Number
 Decimal to binary digit
 Binary to decimal conversion
 AND OR and NOT gate


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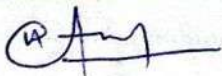
Subject physics practical

Month October

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WORK DONE DURING THE DAY	REMARK
study of BJT.	
study of palariometer.	
study of BJT.	
study of BJT.	
find the firmness coefficient of given wire.	
find the firmness coefficient of given wire.	
find the unknown Resistent with help of shering bridge.	
find the unknown Resistent with help of shering bridge.	
study of BJT	
Intro duction programing of C.	
find the moment of instia of unknown body.	
find the moment of inertia of unknown body.	
introduction programming in C.	
introduction programming in C.	
introduction programming of C.	
programming of C.	
programing of C.	
programing of C.	
programing of C.	
programing of C.	Vallabhai Patel Jayanti


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Subject PHYSICS

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1 unit - 2	01.11.22
	Differential equation and its solution	02.11.22
	KE and PE, Example of SHM oscillations,	03.11.22
	spring and mass system, simple and	04.11.22
	compound pendulum Torsional pendulum.	05.11.22
	unit - 3	7.11.22
	Bipolar oscillation's, helmholtz resonator	08.11.22
	LC circuit, vibration of magnet	09.11.22
	oscillation of two masses connected by	10.11.22
	spring, simple harmonic motion of	11.11.22
	same frequency Lissajous figures.	12.11.22
		14.11.22
		15.11.22
	Paper - 2 unit - 2	16.11.22
	Gauss Law and its application	17.11.22
	capacitors, electrostatic field energy,	18.11.22
	force per unit area of the surface of	19.11.22
	a conductor in a electric field	21.11.22
	unit - 3	22.11.22
	dielectrics constant, polar and ^{non DE} dielectric	23.11.22
	dielectrics and Gauss's Law Dielectric	24.11.22
	polarization, Electric polarization vector P	25.11.22
	Electric displacement vector D, relation	26.11.22
	between three dielectric vectors.	28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Holiday

Differential equation and its solution.

K.E. and P.E. & Example of S.H.M.

Spring & mass system

Simple and compound pendulum Torsional pendulum.

Holiday

UNIT TEST - 2 PAPER - 01

Gauss Law and its application (infinite line of charge)

(2) Charge cylindrical conductor

(3) Infinite charge of sheet and two parallel charge

capacitors electrostatic field energy

force per unit area of the surface of conductor.

Bifilar oscillations & helmholtz resonator

LC circuit, vibration of magnet

oscillation of two masses connecting spring

Simple harmonic motion of same frequency

UNIT Test - 2 paper - 02

Lissajous figures

Lissajous figures

Dielectric constant, polar & non polar dielectric

Gauss Law of dielectric

dielectric polarization

Relation between 3 dielectric vector

Dielectric susceptibility & permittivity

Polarizability and mechanism of polarization.


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Subject PHYSICS

Month November

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
	paper - 1 unit - 2	02.11.22
	stefan baltzmain Law, wiens displacement	03.11.22
	Law, Rayleigh-Jeans Law, planks	04.11.22
	quantum theory of radiation.	05.11.22
	paper - 1 unit - 3	07.11.22
	maxwell distribution of speed and velocities	08.11.22
	of in an ideal gas distinction between	09.11.22
	mean rms and most probable speed	10.11.22
	values	11.11.22
		12.11.22
	paper - 2 unit - 02	14.11.22
	anatomic points Common type of eye	15.11.22
	peace.	16.11.22
	paper - 2 unit - 03	17.11.22
	principal of superposition system	18.11.22
	two slit interference, coherence	19.11.22
	requirement for the sources, optical	21.11.22
	path retardations, conditions for	22.11.22
	sustained interference theory of	23.11.22
	interference thin film.	24.11.22
		25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Holiday

Stefan Boltzmann Law

Wien's displacement Law. Rayleigh-Jeans Law

Planck quantum theory of radiation.

Planck quantum theory of radiation

TEST UNIT - 2 paper - 1

Holiday

Maxwell distribution of speed

mean rms and most probable speed

Maxwell distribution of velocities

Properties of Maxwell distribution of velocities

Optimatic point

Common type of eye Ramsden eyepieces.

Common type of eye. Huygen's eyepieces.

TEST UNIT - 2 paper - 2

The principle of super position system.

The principle of super position system.

Two slit of interference.

Coherent requirement of the source

Optical path retardation.

Condition of sustained interference.

Theory of interference:

Thin film

Thin film

Newton Ring & derivation.

Michelson interferometer.



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S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
	Paper - 2 unit - 2	02.11.22
	Nand gate, Nor gate, universal Gates	03.11.22
	XOR gate, XNOR gate, Demorgan's theorem	04.11.22
	Boolean Laws, simplification of	05.11.22
	Logic Circuit using Boolean algebra.	07.11.22
		08.11.22
	Paper - 2 unit - 3	09.11.22
	Free electron model	10.11.22
	Solution of one dimensional Schrodinger	11.11.22
	equation. density of state, Fermi energy,	12.11.22
	Kronig-Penny model without mathematical	14.11.22
	detail. Hall effect, Langevin's theory	15.11.22
	Curie-Weiss Law qualitative description.	16.11.22
	of ferromagnetic. B-H curve, Hysteresis	17.11.22
	Loss.	18.11.22
		19.11.22
	Paper - 1 unit - 3	21.11.22
	Schrodinger equation. statistical representation	22.11.22
	of wave function, orthogonality of wave	23.11.22
	function, normalization of wave function.	24.11.22
	probability current density.	25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

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DATE	WORK DONE DURING THE DAY	REMARK
	<u>Holidays</u>	
	Nand gate and NOR gate	
	Universal Logic gate	
	XOR and XNOR gate	
	Demorgan theorem	
	simplification of logic circuit using Boolean algebra.	
	<u>Holiday</u>	
	UNIT TEST - 02 Paper - 2	
	Free electron model	
	Salutation of one dimensional S.E.	
	density of state and fermi energy	
	Kroni penny model	
	Hall effect	
	Langvinin theory of diamagnetic	
	Langvinin theory of Paramagnetic	
	Curie - Weiss law.	
	Qualitative description of ferromagnetic	
	B-H Curve.	
	Hysteresis Loss	
	Schrodinger equation	
	time dependent schrodinger equation	
	Time independent schrodinger equation.	
	statistical interpretation of wave function.	
	orthogonality of wave function	
	normalization of wave function	
	probability current density	

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Month November

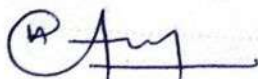
Subject Physics practice

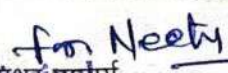
S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
		02.11.22
		03.11.22
		04.11.22
		05.11.22
		07.11.22
		08.11.22
		09.11.22
		10.11.22
		11.11.22
		12.11.22
		14.11.22
		15.11.22
		16.11.22
		17.11.22
		18.11.22
		19.11.22
		21.11.22
		22.11.22
		23.11.22
		24.11.22
		25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

(P.T. - K.C.G. (C.G.))

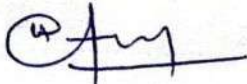
WORK DONE DURING THE DAY	REMARK
द्विचिह्न निलंबन के अंतर्गत दोहरी का अध्ययन करना ।	
डेटिंग की सहायता से लेजर का तरंगदैर्घ्य ज्ञात करना ।	
डेटिंग की सहायता से लेजर का तरंगदैर्घ्य ज्ञात करना ।	
LED बल्ब का अभिलाक्षणिक चक्र रीजिंग ।	
LED बल्ब का अभिलाक्षणिक चक्र रीजिंग ।	
केपेसिटर के अध्ययन का अध्ययन करना तथा यूंग	
उत्पादन गुणांक ज्ञात करना ।	
इरडरी की विवेकन क्षमता ज्ञात करना ।	
इरडरी की विवेकन क्षमता ज्ञात करना ।	
पंडरसन बिज की सहायता से प्रेरित L का मान ज्ञात करना ।	
NSS गतिविधि - महाविद्यालय स्वच्छता अभियान ।	
NSS गतिविधि - बालडिस्क का आयोजन (ग्राम - कोल्हपिटा)	
उच्चमान उमाजी निहाय का अध्ययन करना ।	
वायु के स्कोर उसा का अध्ययन करना तथा नियत	
P व V पर उमा की विविध उमा $\delta = \frac{1}{\sqrt{2}}$ ज्ञात करना ।	
अर्ध तरंग डिफ्रैक्शन व पूर्ण तरंग डिफ्रैक्शन की	
सहायता से उर्मि धरु का मान ज्ञात करना ।	
NSS गतिविधि - छात्रावास जागरूकता कार्यक्रम ।	
उच्चमान उमाजी निहाय का अध्ययन करना ।	
वायु के स्कोर उसा का अध्ययन करना ।	
NSS गतिविधि - पत्र दिवसीय विशेष शिविर ।	
CB मोड में इन्टिस्टर का अभिलाक्षणिक चक्र रीजिंग ।	
NSS गतिविधि - संविधान दिवस ।	
केपेसिटर उन्नयन विधि से पापी का प्रष्ट त्वाव ज्ञात करना ।	
केपेसिटर उन्नयन विधि से पापी का प्रष्ट त्वाव ज्ञात करना ।	
C programming - find sum of two Number.	


हस्ताक्षर प्राध्यापक


Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
	Paper - 2 unit - 3	02.12.22
	Lorentz local field. Clausius Mossotti	03.12.22
	equation. Debye equation.	05.12.22
		06.12.22
	Paper - 1 unit - 3	07.12.22
	damped harmonic oscillator. case of	08.12.22
	different frequencies. power dissipation	09.12.22
	quality factor. example forced oscillator	10.12.22
	spring and mass system.	12.12.22
		13.12.22
	Paper - 1 unit - 4	14.12.22
	E as an accelerating field. electron gun case of	15.12.22
	discharge tube. linear acceleration. E as	16.12.22
	deflecting field - CRO sensitivity. Transverse	17.12.22
	B field 180° deflection. mass spectrograph	19.12.22
	curvatures of tracks for energy determination	20.12.22
	principle of cyclotron mutually perpendicular	21.12.22
	E and B fields. its resolution. parallel	22.12.22
	E and B fields positive ray parabolas	23.12.22
	discriminating of isotope.	24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

WORK DONE DURING THE DAY	REMARK
Lorentz Local field.	
classical Mossotti equation, Debye equation.	
damped harmonic oscillator.	
case of difference frequency & power dissipation.	
quality factor. force oscillator.	
spring and mass system.	
E as an accelerating field.	
Electron gun.	
Discharge tube.	
Linear Acceleration.	
E as deflecting field.	
CRO sensitivity. Transverse B field 180° deflection	
mass spectrograph curvatures of traces of every determination	
cyclotron, principle, object, working, energy,	
mutually perpendicular E and B field	
parallel E and B field and discovery of isotopes.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination	
Half Yearly Examination.	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination.	

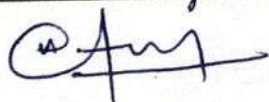

हस्ताक्षर प्राध्यापक

for Neetu
हस्ताक्षर प्राध्यापक
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month December

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
	Paper-1 unit - 3	02.12.22
	Doppler broadening of spectral line	03.12.22
	Transportation phenomena in gases	05.12.22
		06.12.22
	Paper-2 - unit - 3	07.12.22
	Newton's Ring and michelson interferometer	08.12.22
	and their application. Fabry-perot	09.12.22
	interferometer. Twyman - Green interferometer	10.12.22
		12.12.22
	Paper-1-unit - 4	13.12.22
	probability and thermodynamic probability	14.12.22
	principal of equal priori probabilities.	15.12.22
	statistical postulates. Concept of Gibbs	16.12.22
	ensemble, accessible and inaccessible	17.12.22
	state. concept of phase space	19.12.22
	equilibrium before two system in	20.12.22
	thermal contact. probability and entropy	21.12.22
	Boltzmann entropy relation, Boltzmann	22.12.22
	Canonical distribution Law and its	23.12.22
	Application.	24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

WORK DONE DURING THE DAY	REMARK
Doppler broadening of spectral line.	
molecular collisions mean free path	
collision cross section. Estimate of molecular diameter and mean free path.	
transport of mass and momentum.	
transport of mass and energy.	
Fabry-Perot - interferometer.	
Twyman - Green interferometer -	
probability and thermodynamical probability	
principle of equal prior probabilities.	
statistical postulates	
Concept of Gibbs ensemble	
Accessible and non (in) accessible state.	
Concept of phase space.	
Equilibrium between two system.	
thermal contact probabilities and entropy	
Half yearly Examination.	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination (winter holiday)	
Half yearly Examination (winter holiday)	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	



हस्ताक्षर प्राध्यापक

Dr. Neety
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month DecemberSubject Physics practical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
		02.12.22
		03.12.22
		05.12.22
		06.12.22
		07.12.22
		08.12.22
		09.12.22
		10.12.22
		12.12.22
		13.12.22
		14.12.22
		15.12.22
		16.12.22
		17.12.22
		19.12.22
		20.12.22
		21.12.22
		22.12.22
		23.12.22
		24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

कुल कार्य दिवस 27 अवकाश 02 सम्पादित कार्य दिवस 25

(03.12.22-24.12)

Class

Bsc - 1st year
Bsc - 2nd year
Bsc - 3rd year

WORK DONE DURING THE DAY

REMARK

कार्यक्रम - विश्व पट्टा दिवस

→ world Aids day

कार्यक्रम - पीपीटी प्रेजेंटेशन समान शास्त्र विभाग द्वारा

→ Ppt presentation by
sociology department

NSS गतिविधि - स्वच्छता अभियान (महाविद्यालय)

जंगल की उपकरणों की सहायता से पुष्प तनाव जात करना।

जंगल की उपकरणों की सहायता से मिट्टी उठाना पुष्प तनाव।

C-programming find subtraction of two number.

C-programming find subtraction of two number.

सोलर सेल के अभिलक्षणों को नोट करना।

सोलर सेल के अभिलक्षणों को नोट करना।

पन.पक्ष.पक्ष गतिविधि - स्वच्छता अभियान एवं यातायात जागरूकता रैली।

जंगल की उपकरणों से उठाना पुष्प तनाव जात करना।

कार्यक्रम - कैरियर गाइड का आयोजन मा.स. सोलहवाड़ा।

C-programming - multiply of two number.

C-programming - multiply of two number.

FET के निर्गत अभिलक्षणों को नोट करना व संयुक्त

वोल्टेज जात करना।

half yearly Examination - 2022-23

half yearly Examination - 2022-23

half yearly Examination (2022-23)

half yearly Examination. (2022-23)

winter holiday

winter holiday

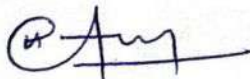
half yearly Examination (2022-23)

half yearly Examination (2022-23)

half yearly Examination (2022-23)

half (yearly) Examination (2022-23)

half yearly Examination (2022-23)



हस्ताक्षर प्राध्यापक

Dr. Neetu

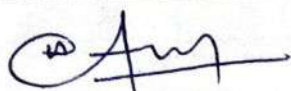
Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month DecemberSubject Physics Theoretical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1 unit - 3	01.12.22
	postulates basic of quantum mechanics	02.12.22
	operators, expectation value. Ehrenfest	03.12.22
	theorem. transition probabilities. Application	05.12.22
	to particle in a one and three dimension.	06.12.22
	harmonic oscillator in one dim. reflection	07.12.22
	at a step potential.	08.12.22
		09.12.22
	Paper - 2 unit - 03	10.12.22
	intrinsic and extrinsic semiconductors	12.12.22
	Concept of Fermi level, excitation	13.12.22
	and recombination of electron hole pair	14.12.22
	in semiconductor. PN Junction diode	15.12.22
	Tunnel diode, Zener diode, LED, solar cell	16.12.22
	Bipolar transistor PNP and NPN transistor's	17.12.22
	characteristic of transistor's. current	19.12.22
	Amplification factor. FET and MOSFET.	20.12.22
		21.12.22
		22.12.22
		23.12.22
		24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

कुल कार्य दिवस 27 अवकाश 02 सम्पादित कार्य दिवस 25

WORK DONE DURING THE DAY	REMARK
Postulates basis of quantum mechanics.	
operators	
expectation value.	
Ehrenfest theorem.	
particle in box one dim.	
particle in box three dimensional.	
harmonic oscillator in one dim.	
reflection at a step potential.	
intrinsic and extrinsic semiconductors	
Concept of Fermi level. Combination & recombination of e.	
PN Junction diode principle working diagram.	
Tunnel diode and Zener diode.	
LED and solar cell.	
Bipolar transistor PNP and NPN transistor.	
Current Amplification factor	
MOSFET, Types, principal working diagram	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination. (winter holiday)	
Half yearly Examination. (winter holiday)	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	


हस्ताक्षर प्राध्यापक

Dr. Neety
Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Subject physics

Month January

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		02.01.2023
	Paper - 2	03.01.2023
	unit - 4	04.01.2023
	Magneto statics	05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		16.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Magnetization current and magnetization vector M

Annual sports day

Annual sports day

Three magnetic vector's and their relationship

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

Magnetic permeability and susceptibility

Diamagnetic paramagnetic and ferromagnetic surface

B-H curve

Cycle of magnetization.

Hysteresis

Hysteresis loss

Bioscience Lane

A straight current carrying conductor.

Current loop as a magnetic dipole.

राष्ट्रीय मतदाता जागरूकता दिवस (sweep)

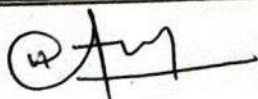
गणतंत्र दिवस

Dipole moment (Analogous with Electric dipole)

Ampere Circuital Law (Integration)

Ampere Circuital Law (Differentiation)

ferromagnetic surface.



हस्ताक्षर प्राध्यापक

for Neety

हस्ताक्षर प्राध्यापक

रानी दुर्गावती शास. महाविद्यालय

साल्हेवारा

जिला-खैरा.-छुई.-गंडई(उ.ग.)

Month January

Subject Physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper- 2	02.01.2023
	unit-04	03.01.2023
	Diffraction and Polarization of Light	04.01.2023
		05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		16.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01 सम्पादित कार्य दिवस 24

मानविकी विभाग
मानविकी विभाग
(प.उ.) विभाग - प्रमुख - प.उ. विभाग

WORK DONE DURING THE DAY

REMARK

Types of Diffraction

Annual sports day

Annual sports day

Fresnel's diffraction

NSS CAMP (7 day)

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

Phasor diagram and integral calculus method

The intensity distribution

Zone plates diffraction due to straight edge

Fraunhofer diffraction due to a single slit

Diffraction at N-Parallel sheet

Plane Diffraction grating

polarized light and its mathematical representation

production of polarized light by reflection

refraction and scattering

राष्ट्रीय मतदाता जागरूकता दिवस (sweep)

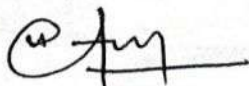
गणतंत्र दिवस

Polarization by double refraction.

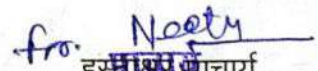
Huygen's theory.

optical activity

Fresnel's theory.



हस्ताक्षर प्राध्यापक



हस्ताक्षर प्राचार्य
 रानी दुर्गावती शास. महाविद्यालय
 साहेबगंज
 जिला-खैरा.-छुई.-गंडई (उ.प्र.)

WORK DONE DURING THE DAY	REMARK
Half wave rectifier	
Annual sports day	
Annual sports day	
Full wave rectifier.	
NSS CAMP (7 days)	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
Rectifier efficiency ripple factor.	
Bridge rectifier	
Filter $\rightarrow$ inductor, L and π section filter	
Zener diode using regulated power supply	
Unregulated power supply.	
Bipolar Transistor as Amplifier	
h parameter equivalent circuit	
Transistor as a power Amplifier.	
Transistor as a oscillator.	
राष्ट्रीय मयदात जगल्ल दिवस (sweep)	
गणतंत्र दिवस	
Principle as oscillator.	
requirement of an oscillator.	
Wien bridge oscillator.	
Hartley oscillator.	


हस्ताक्षर प्राध्यापक

Dr. Neetu
हस्ताक्षर प्राध्यापक
रानी दुर्गावती शां. महाविद्यालय
साल्हेवारा
जिला-खैरा.-गुई.-गंडई (छ.ग.)

Month... January

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		02.01.2023
		03.01.2023
		04.01.2023
		05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		15.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023
कुल कार्य दिवस 25 अवकाश 01		सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY	REMARK
Revision study of compound pendulum.	
Annual sports day	
Annual sports day	
C programming - division of any two no.	
NSS CAMP (7 day)	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
MOSFET का अभिलासगित कर रीटना ।	
Revision study parallel axis theorem of moment of inertia.	
Revision study of vertical axis theorem of moment of inertia	
C programming - avg of given 3 numbers	
C programming - find simple Interest.	
Revision - PN Diode	
Revision - Zener Diode	
Revision - find the firmness coefficient of given wire	
Revision - find the firmness coefficient of given wire	
राष्ट्रीय भंडारण जागरूकता दिवस (Sweep)	
जागरूकता दिवस	
Revision - LED बल्ब का अभिलासगित कर रीटना ।	
Revision - solar cell का अभिलासगित कर रीटना ।	
find the square of given number.	
find the power of given number.	


हस्ताक्षर प्राध्यापक

Dr. Neelam
हस्ताक्षर प्राध्यापक
रानी दुर्गावती शास. महाविद्यालय
साहेबवाड़ा
जिला-खैरा.-छुई.-गंडई(उ.ग.)

Month February Subject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1.2.23
	Paper-1 Unit 5	2.2.23
	Paper-2 unit 5	3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
		10.2.23
		11.2.23
		13.2.23
		14.2.23
		15.2.23
		16.2.23
		17.2.23
		18.2.23
		20.2.23
		21.2.23
		22.2.23
		23.2.23
		24.2.23
		25.2.23
		27.2.23
		28.2.23

कुल कार्य दिवस 24 अवकाश 04 सम्पादित कार्य दिवस 23

नमो भगवते वासुदेवाय

WORK DONE DURING THE DAY

REMARK

Elasticity, strain and stress, elastic limit
Hooke's law Modulus of Rigidity

→ practical main exam
 2023 physics

Poisson's ratio, Bulk modulus, Bending moment
 Cantilevers, Young Modulus by bending of beam.
 Viscosity, Poiseuille's equation of liquid flow
 through narrow tube, Equation of continuity
 Euler Equation, Bernoulli's theorem
Viscosity fluids streamline and Turbulent

→ Practical EXAM 2023
 chemistry

Poiseuille's law, coefficient of viscosity
 Stoke law, surface tension and molecular
 electromagnetic induction, Faraday Law
 electromagnetic force, Integral and difference
 form of Faraday Law
 Mutual induction and self induction.

Transformer, Energy in a static magnetic field
 Maxwell displacement
 Maxwell equation.

Maxwell equation.
 The wave equation satisfied by $\vec{E}$ and $\vec{B}$
 Electromagnetic wave in vacuum.
Poynting vector.

NSS Meeting during


 हस्ताक्षर प्राध्यापक

for Neety
 हस्ताक्षर प्राध्यापक
 रानी दुर्गावती शास. महाविद्यालय
 सालहेवारा
 जिला-खैरा.-मुई.-गंडई(छ.ग.)

Subject

Month February

Month <u>February</u>		DATE
S. NO.	WORK PROPOSED FOR THE MONTH	
		1.2.23
	paper - 1 unit - 5	2.2.23
	paper - 2 unit - 5	3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
		10.2.23
		11.2.23
		13.2.23
		14.2.23
		15.2.23
		16.2.23
		17.2.23
		18.2.23
		20.2.23
		21.2.23
		22.2.23
		23.2.23
		24.2.23
		25.2.23
		27.2.23
		28.2.23

कल कार्य दिवस 24

24

कुल कार्य दिवस 24 अवकाश 04

पञ्चाङ्गमिति ।

TYPESET

आ. ४) डेटा - डेटा - डेटा - डेटा

सम्पादित कार्य दिवस

23

WORK DONE DURING THE DAY

REMARK

Indistinguishability of particles and its consequence

Bose Einstein & fermi dirac conditions

→ Practical Exam 2023

Concept of partition function.

physics

Derivation of Maxwell-Boltzmann statistics

Maxwell-Boltzmann statistics

Bose-Einstein and fermi Dirac statistics

Limit of BE and F.D. statistics to M-B statistics

→ Practical Exam 2023

Application of BE statistics to black body radiation.

chemistry

Application of F-D statistics to free electrons

Basic property of laser

coherent length and coherent time

spatial coherence of a source

Einstein's A and B Coefficients

Spontaneous and induced emissions.

Condition for laser system

population inversion. Ruby laser

He-Ne Laser

Application in Communication, Holography

and basis of non linear optics

NSS Meeting Durg



हस्ताक्षर प्राध्यापक

For Neel
हस्ताक्षर प्राचार्य
रानी दुर्गावती शास. महाविद्यालय
साल्हेवारा
जिला-खैरा.-छुई.-गंडई(छ.ग.)

Subject PhysicsMonth February

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1.2.23
	Paper-1 unit -5	2.2.23
	Paper-2 unit -4	3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
		10.2.23
		11.2.23
		13.2.23
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		16.2.23
		17.2.23
		18.2.23
		20.2.23
		21.2.23
		22.2.23
		23.2.23
		24.2.23
		25.2.23
		27.2.23
		28.2.23

कुल कार्य दिवस 24 अवकाश 04 सम्पादित कार्य दिवस 23

प्र.उ/देवा-रघु-गर्ग-गर्ग

WORK DONE DURING THE DAY

REMARK

Basic property of nuclei mass, Radii
charge, angular momentum, spin

magnetic moment, stability, Binding Energy
Liquid drop model, mass formula
shell model Types of Nuclear reactions
Laws of conservation, Q value reaction.

→ practical Exam 2023
physics

Ionization chamber, GM counter
Fundamental interaction, classification of
Elementary particles, Baryons, Leptons

→ practical Exam 2023
chemistry

mesons, Elementary particles quantum no.

Baryons no. Lepton no.

Half wave rectifier

full wave rectifier

rectifier efficiency, ripple factor

filter's ① Inductor filter ② LC and π filter

zener diode using regulated power supply

Bipolar transistor as a amplifier

Transistor as a power amplifier

principle of an oscillator

requirement of an oscillator

Hartley oscillator,

→ NSS Meeting Duty


हस्ताक्षर प्राध्यापक

Neelby
for प्राचार्य
रानी दुर्गाबेई शास्त्री महिला विद्यालय
सालहेवारा
जिला-खैरा.-छुई.-गंडई(छ.ग.)

Subject PhysicsMonth February

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.2.23
		2.2.23
		3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
		10.2.23
		11.2.23
		13.2.23
		14.2.23
		15.2.23
		16.2.23
		17.2.23
		18.2.23
		20.2.23
		21.2.23
		22.2.23
		23.2.23
		24.2.23
		25.2.23
		27.2.23
		28.2.23

कुल कार्य दिवस 29 अवकाश 04 सम्पादित कार्य दिवस 23

प्र.उ. (सं.) - प्र.उ. - प्र.उ. - प्र.उ.

WORK DONE DURING THE DAY	REMARK
Zero and 1st law of thermodynamic Carnot cycle	
Michelsen mole experiment Cartesian and polar coordinate system. Entropy and sp diagram. Scale of temperature. Time dilation and length contraction. Zero rest mass	→ practical exam 2023 physics
	→ practical exam 2023
	→ chemistry
theory of relativity strangeness, Electric charge Hypercharge and isospin Introductory idea of discovery Higgs boson's Bridge rectifier Zener diode Application of transistor h parameter, h parameter equivalent circuit Transistor as oscillator's Barkhausen's condition. Wein-bridge oscillator Wein-bridge oscillators	Nss Meeting Durg


हस्ताक्षर प्राध्यापक

Neetu
प्रि प्राचार्य
रानी दुर्गाबस्ती शास्त्री महिला विद्यालय
सालहेवारा
जिला-खैरा.-मुई.-गंडई (छ.ग.)

शासकीय नवीन महाविद्यालय
सालहेवारा

20....20.....

TEACHER'S DIARY

Subject: Commerce

Name of Teacher Manish Kumar

Month ... October - 2022

Subject .. Financial Ac

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	विषय - वित्तीय लेखांकन	01/10/2022
		03/10/2022
	अप-1/पेपर-1 इकाई - I	04/10/2022
	लेखांकन का परिचय : विकास, परिभाषा	05/10/2022
	आवश्यकता, उद्देश्य, लेखांकन की शाखाएं	06/10/2022
	लेखांकन के सिद्धांत, अवधारणाएं एवं परंपराएं	07/10/2022
		08/10/2022
	लेखांकन मानक : अन्तर्राष्ट्रीय लेखांकन मानक	10/10/2022
	(सिर्फ इंग्लैण्ड) : भारत में लेखांकन मानक	11/10/2022
	लेखांकन व्यवहार, दोहरी प्रविष्टि प्रणाली	12/10/2022
	की अवधारणा। पूंजी एवं आगम की	13/10/2022
	अवधारणा, मूल प्रविष्टि की पुस्तकें, जर्नल	14/10/2022
	खाताबही, जर्नल का विभाजन : रोकड़	15/10/2022
	पुस्तक ,	17/10/2022
		18/10/2022
		19/10/2022
		20/10/2022
		21/10/2022
		22/10/2022
		24/10/2022
		25/10/2022
		26/10/2022
		27/10/2022
		28/10/2022
		29/10/2022
		31/10/2022

कुल कार्य दिवस ... 22 अवकाश ... 03 सम्पादित कार्य दिवस ... 19

लेखांकन परिचय - विहास, परिभाषा, आवश्यकता, उद्देश्य
लेखांकन की शाखाएँ, लेखांकन के सिद्धान्त,
लेखांकन, अवधारणाएँ एवं प्रश्न, परंपराएँ ।

लेखांकन समीक्षण (क्रियात्मक प्रश्न)

लेखांकन समीक्षण (क्रियात्मक प्रश्न)

लेखांकन समीक्षण (क्रियात्मक प्रश्न)

लेखांकन समीक्षण (क्रियात्मक प्रश्न)

लेखांकन मानक - अन्तर्राष्ट्रीय लेखांकन मानक

लेखांकन व्यवहार - दोहरी व डबल प्रविष्टि प्रणाली
की अवधारणा, खाते के प्रकार,

व्यक्तिगत खाता, वास्तविक खाता, नाम-मात्र खाते के नियम

द्वि-प्रविष्टि प्रणाली के लाभ व महत्व

पूँजी एवं भागम - की अवधारणा -

पूँजी व्यय व भागम व्यय में अंतर

पंजी (जीएनएमआ) प्रविष्टि, पंजी प्रविष्टि प्रारम्भ

Deepawali

Holiday

पंजी प्रविष्टि करने के नियम, डेबिट, क्रेडिट नियम

जीएनएमआ (पंजी) के प्रकार, सहायक पुस्तकें,

पंजी प्रविष्टि (Journal Entry) (क्रियात्मक प्रश्न)

पंजी प्रविष्टि (क्रियात्मक प्रश्न)

Neelam
हस्ताक्षर प्राध्यापक

Neelam

हस्ताक्षर प्राध्यापक
रानी दुर्गावती शास. महाविद्यालय
सालेवारा
जिला-खैरा.-फुई.-गंडई (उ.प्र.)

Month February

DATE

S. NO.

WORK PROPOSED FOR THE MONTH

इकाई - 5

- भारत में निर्यात नीतियां एवं प्रवृत्तियां
- भारत में विदेशी व्यापार की प्रवृत्तियां
- निर्यात व्यापार को प्रारंभ करने के चरण
- निर्यात मूल्य या कीमतें / निर्यात विवर
- प्रत्यक्ष पोषण एवं निर्यात विधि

01 / 02 / 2023

02 / 02 / 2023

03 / 02 / 2023

04 / 02 / 2023

06 / 02 / 2023

07 / 02 / 2023

08 / 02 / 2023

09 / 02 / 2023

10 / 02 / 2023

11 / 02 / 2023

13 / 02 / 2023

14 / 02 / 2023

15 / 02 / 2023

16 / 02 / 2023

17 / 02 / 2023

18 / 02 / 2023

20 / 02 / 2023

21 / 02 / 2023

22 / 02 / 2023

23 / 02 / 2023

24 / 02 / 2023

25 / 02 / 2023

27 / 02 / 2023

28 / 02 / 2023

इकाई - 5

- संवर्द्धन या प्रवर्द्धन - विहापन
- वैयक्तिक विक्रय
- विपणन का दायित्व विक्रय

भारत में निर्यात, नीतियाँ, पहलियाँ
 भारत में विदेशी व्यापार, प्रवृत्तियाँ,
 निर्यात व्यापार को प्रारंभ करने के चरण
 व्यापार में उत्पाद चुनाव, व्यापार चुनाव,
 निर्यात मूल्य का कीमत निर्धारण,
 निर्यात पत्र व्यवस्था,
 प्रमुख पोषण एवं निर्यात विधि, सहायता प्रोत्साहन
 संवर्धन या प्रवर्धन की विधि, प्रवर्धन निषेध
 संवर्धन निषेध, विज्ञापन अध्यापन, गुण-दोष

Maheshwari Rishi Halduy

प्रभाव विज्ञापन की विशेषताएँ, वैश्विक विज्ञापन, अध्यापन
 एकल विक्री का वर्गीकरण, विज्ञापन के कार्य
 विज्ञापन का विकास - सामाजिक विज्ञापन
 मानविक विज्ञापन, प्रत्यक्ष विज्ञापन, सेवा विज्ञापन
 सेवा विज्ञापन, हरित विज्ञापन
 आई टेस्ट
 आई टेस्ट

Revision - 05/58

Return
 हस्ताक्षर प्राध्यापक

for Am
 हस्ताक्षर प्राध्यापक
 रानी दुर्गावती शास्त्री महाविद्यालय
 राहवेवा
 जिला-बैरा, जहाँ-मैसूर

शासकीय नवीन महाविद्यालय
सावहेवाश

20.22.20.23...

TEACHER'S DIARY

Subject Commerce (B.com I, B.com II)

Name of Teacher Neetu Dongre

Month September

Subject (Business Regulation framework)
Commerce

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/09/2022
	Unit I	02/09/2022
		03/09/2022
	1. Law of contract 1872 :-	05/09/2022
	Nature of contract	06/09/2022
	Classification, offer and	07/09/2022
	acceptance, capacity of parties	08/09/2022
	to contract, free consent	10/09/2022
	consideration, legality of object	12/09/2022
	Agreement declared void,	13/09/2022
		14/09/2022
		15/09/2022
		16/09/2022
		17/09/2022
		19/09/2022
		20/09/2022
		21/09/2022
		22/09/2022
		23/09/2022
		24/09/2022
		26/09/2022
		27/09/2022
		✓ 28/09/2022
		✓ 29/09/2022
		30/09/2022

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

WORK DONE DURING THE DAY	REMARK
Introduction, Meaning, Definition of contract	
Essential of valid contract	
Agreement, Definition of Agreement	
Kinds or Basis of Agreement	
Kinds of offer.	
Difference between contract & agreement	
Diff. between valid, void and voidable contract	
Capacity of parties to contract or parties	
Free consent	
Definition of consent, coercion	
undue influence meaning, definition	
fraud, kinds of fraud	
Mistake of fact, Types of mistake	
lawful consideration and object	
Definition of consideration	
elements of consideration	
Agreements expressly declared as void	
Agreement expressed in restraint of marriage	
→ — of trade	
→ — of legal Proceedings.	
→ — involving uncertainty	
Agreement by way of wager	
C.L.	
C.L.	
Agreement in writing and Registered.	

Month February

Subject company law & fundamental of ent.

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.02.2023
		02.02.2023
	Unit V (Fundamental of entro)	03.02.2023
		04.02.2023
		06.02.2023
	Role of export promotion and import substitution, forex earnings, and augmenting and meeting local demand.	07.02.2023
		08.02.2023
		09.02.2023
		10.02.2023
		11.02.2023
		13.02.2023
		14.02.2023
	Unit VI (company law)	15.02.2023
		16.02.2023
	Majority powers and minority rights, Prevention of oppression and mismanagement	17.02.2023
	winding-up - kinds and conduct	18.02.2023
		20.02.2023
		21.02.2023
		22.02.2023
		23.02.2023
		24.02.2023
		25.02.2023
		27.02.2023
		28.02.2023

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

WORK DONE DURING THE DAY

REMARK

Role of ento in export promotion
 entrepreneurial decision in Relation to exporting
 Role of ento in import substitution

Role of entrepreneurs in forex earnings
 Role of ento in augmenting & meeting of LD

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—

CL

Maha shevratni

Revision class

—

—

शासकीय नवीन महाविद्यालय
साल्हेवारा

20.22.20.23....

TEACHER'S DIARY

Subject Commerce (B.com final)

Name of Teacher Neetu Dongre
(Assistant professor)

Month SeptemberSubject Income-Tax

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/09/22
	Unit I	02/09/22
	Basic Concepts :- Income,	03/09/22
	Agricultural Income, Casual Inco.	05/09/22
	Assessment year, previous year,	06/09/22
	GTI, TI, Basis of Charges	07/09/22
	scope of Total Income, Residence	08/09/22
	& tax liability, Income which	10/09/22
	does not part of total income	12/09/22
		13/09/22
		14/09/22
		15/09/22
		16/09/22
		17/09/22
		19/09/22
		20/09/22
		21/09/22
		22/09/22
		23/09/22
		24/09/22
		26/09/22
		27/09/22
		28/09/22
		29/09/22
		30/09/22

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

WORK DONE DURING THE DAY

REMARK

Income-Tax Important Definition, Introduction,

Income-Tax Slab Rates

Agriculture Income

Basis of charges

→ _____

→ _____

→ _____

Scope of total Income

→ _____

Residential status of Individual

→ _____

→ _____

→ _____

Numerical

→ _____ Numerical

Residential status of HUF

→ _____

→ _____

Income which does not part of total Income

→ _____

→ _____

→ _____

Exercise

Month February

Subject Management Accounting / Auditing

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/02/23
	Unit IV	02/02/23
		03/02/23
	Variance Analysis → Labour	04/02/23
	variance	06/02/23
	and Overhead (Two-way	07/02/23
	analysis) variances.	08/02/23
	Revision class	09/02/23
		10/02/23
		11/02/23
		13/02/23
	Unit V	14/02/23
		15/02/23
	Tax, Cost Audit, Management	16/02/23
	Audit	17/02/23
	Revision class	18/02/23
		20/02/23
		21/02/23
		22/02/23
		23/02/23
		24/02/23
		25/02/23
		27/02/23
		28/02/23

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

WORK DONE DURING THE DAY

REMARK

two way labour varion / Tax Audit meaning
Analysis Numerical / significance, objective

→

→

Numerical Problems

Numerical Problems

→

Overhead Variance Analysis

→

→

→

→

→

/ Cost Audit signi., object.

/ Mgt. Audit.

/ Nature. Meaning.

Revision class

C.O.L.

MAHASHIVRATRI

Revision class

Revision class

Revision class

Revision class

Revision class

/ Revision of first unit

/ Revision of the propo question

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हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य

शासकीय नवीन महाविद्यालय
साल्हेवाग

20²² 20²³.....

TEACHER'S DIARY

Subject ZOOLOGY

Name of Teacher AKHILESH KUMAR

Month

Subject Zoology

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
1	The cell (Prokaryotic and Eukaryotic)	1/09/2022
2	Organization of cell: Extra-nuclear and Nuclear	2/09/2022
	Plasma membrane: Mitochondria, Endoplasmic	3/09/2022
	reticulum, Golgi body, Ribosome, and lysosome	5/09/2022
	Nucleus, chromosome, DNA and RNA	6/09/2022
		7/09/2022
		8/09/2022
		9/09/2022
		10/09/2022
		12/09/2022
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		23/09/2022
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		26/09/2022
		27/09/2022
		28/09/2022
		29/09/2022
		20/09/2022

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

WORK DONE DURING THE DAY		REMARK
General Introduction of Zoology Syllabus	Study of Practical Syllabus	
Study of cell - General Introduction and types		
Study of cell theory and structure, function		Teacher's day celebration
Study of Nucleus and their part, structure and function		
Study of Plasmamembrane - General Introduction		
Study of Plasmamembrane - structure & function		
Study of Mitochondria - G. Intro, structure	Study of Practical	Students.
Study of Mitochondria - Function.	Study of Practical	Rules & Record low
Study of Endoplasmic reticulum - G. Intro.		Orientation Program
Study of Endoplasmic reticulum - structure and function.		B.Sc - I
Study of Golgi body - General Introduction		
Study of Golgi body - Structure and function		
Study of Ribosome - G. Intro & types	Study of dissection box	Ozone day celebration
Study of Ribosome - structure and function		
Study of lysosome - General Introduction.		
Study of lysosome - Structure and function		
Study of Nucleus - General Introduction		
Study of Nucleus - structure and function		
Study of Chromosome - G. Introduction	Study of Necessary	
Study of Chromosome - types & structure	Instrument for Laboratory	N.S.S. Stabilization
Study of Ultrastructure of chromosome	Study of Dissecting	day
Study of DNA - G. Intro & structure	microscope.	
Study of molecular mechanism of DNA replication		B.Sc-I Slow Learner class
Study of DNA mechanism and replication		topic Chromosome
Study of Ribonucleic acid - G. Intro.		

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य

Month February 2023

Subject Zoology

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1/02/2023
		2/02/2023
		3/02/2023
		4/02/2023
		5/02/2023
		6/02/2023
		7/02/2023
		8/02/2023
		9/02/2023
		10/02/2023
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		25/02/2023
		26/02/2023
		27/02/2023
		28/02/2023

कुल कार्य दिवस 23 अवकाश 05 सम्पादित कार्य दिवस 23

WORK DONE DURING THE DAY	REMARK
Study of Specimen Invertebrate	
Study of Mitosis Cell division	
Study of R.B.C test & calculation	
Study of Parasites slides.	
Study of Permanent slides	
Study of onion root tip	
Study of Invertebrate slides	
Study of Specimen - Invertebrate.	
Study of Invertebrate specimen	
Study of meiosis slides.	
Study of Crucial flame	
Study of Parasites slides	
Study of Chromatography paper.	
Practical Exam B.Sc.-II Preparation.	
Practical Exam - B.Sc.-III Preparation.	
— Holiday —	Seminar topic -
— B.Sc.-II, III zoology Practical Examination	Cancer
• Botany Practical Examination Conduct	
— B.Sc.-I practical Exam Preparation	
— B.Sc.-I practical Examination conduct	
• Revision topic - Immunity B.Sc.-I year	
Revision topic - Evolution theories - B.Sc.-II year	
Revision topic - Toxicology Principle	
Metal toxicity and their impact	



हस्ताक्षर प्राध्यापक

for Neetu
हस्ताक्षर Principal
Govt. Naveen College Salhewara
Rajnandgaon (C.G.)

शासकीय नवीन महाविद्यालय
साहूवासा

2022-2023...

TEACHER'S DIARY

Subject POLITICAL Science

Name of Teacher DILESHWARI SAHU

Month September

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	प्रथम प्रश्न पत्र, (राजनीति सिद्धान्त)	01/09/2022
	Unit - I	02/09/2022
	राजनीति विज्ञान का अर्थ, परिभाषाएँ।	03/09/2022
	राजनीति एक विशिष्ट मानवीय व्यवहार	05/09/2022
	के रूप में। शक्ति, सत्ता, प्रभाव : अर्थ, विशेषताएँ	06/09/2022
	प्रकार। राजनीति विज्ञान की अध्ययन	07/09/2022
	पद्धतियाँ : परम्परागत एवं व्यवहार एवं	08/09/2022
	उत्तर व्यवहारवाद।	09/09/2022
		10/09/2022
	द्वितीय प्रश्न पत्र (भारतीय शासन एवं राजनीति)	12/09/2022
	Unit - I	13/09/2022
	भारतीय राष्ट्रीय आन्दोलन : 1858 का	14/09/2022
	प्रथम स्वतंत्रता संग्राम, असहयोग	15/09/2022
	आन्दोलन, अनियमित अवकाश आन्दोलन,	16/09/2022
	भारत छोड़ो आन्दोलन।	17/09/2022
	भारत का संविधानिक विकास : 1858,	19/09/2022
	1909, 1919 और 1935 का भारत शासन	20/09/2022
	अधिनियम।	21/09/2022
		22/09/2022
		23/09/2022
		24/09/2022
		26/09/2022
		27/09/2022
		28/09/2022
		29/09/2022
		30/09/2022

कुल कार्य दिवस 26 अवकाश Nil सम्पादित कार्य दिवस 26

WORK DONE DURING THE DAY	REMARK
बालनीतिक विज्ञान का अर्थ, परिभाषा, विशेषता बालनीतिक एवं विभिन्न मानवीय व्यवहार के रूप में शक्ति का अर्थ, परिभाषाएँ, विशेषताएँ, प्रकार, सिद्धांत सत्ता का अर्थ, परिभाषाएँ, प्रभाव, सत्ता की विशेषताएँ, प्रकार।	विश्व दिवस का आयोजन
बालनीतिक विज्ञान की अध्ययन पद्धतियाँ, परम्परागत उपागम की अवधारणा। व्यवहारवाद उपागम की अवधारणा। उत्तर व्यवहारवाद की अवधारणा। भारतीय राष्ट्रीय आन्दोलन की प्रमुख अवधारणा। 1857 का प्रथम स्वतंत्रता संग्राम के कारण। 19वीं सदी में भारतीय राष्ट्रीय जागरूकता के कारण। असहयोग आन्दोलन के कारण, स्वरूप एवं परिणाम। असहयोग आन्दोलन के कारण, स्वरूप एवं परिणाम। 1930 में महात्मा गाँधी द्वारा चलाये गये सविनय अवज्ञा आन्दोलन। 1942 में महात्मा गाँधी द्वारा चलाये गये भारत छोड़ो आन्दोलन। 1858 ई. भारत शासन अधिनियम के प्रावधान। सन् 1909 के भारतीय शासन अधिनियम की चारणमूल्यंकन। वैद्य शासन का अवधारणा एवं सफलता के कारण। 1935 ई. के अधिनियम की प्रमुख चारणमूल्यंकन। ब्रिक्स मिशन सम्मेलन, सविनय अवज्ञा आन्दोलन की पूर्ण शक्ति, कार्यक्रम और महत्व भारतीय स्वतंत्रता संग्राम में आन्दोलन का योगदान, गाँधी - इरविन समझौते पर अवधारणा 1857 के स्वतंत्रता के कारण, यूनाईटेड टेस्ट संग्राम	हिन्दी दिवस का आयोजन

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य
प्राचार्य
शासकीय नवीन महाविद्यालय
सालाबाद
जिला-राजनामगांव (उ.प्र.)

Month February

Subject Environmental Studies

NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/02/2023
	Unit - I	02/02/2023
	प्राकृतिक संसाधन	03/02/2023
	पर्यावरण प्रदूषण की कुछ मनुष्यात्मिक प्रकृति	04/02/2023
		06/02/2023
		07/02/2023
		08/02/2023
	Unit - II	09/02/2023
	पारिस्थितिकी तंत्र	10/02/2023
		11/02/2023
		13/02/2023
		14/02/2023
	Unit - III	15/02/2023
	पर्यावरण प्रदूषण	16/02/2023
		17/02/2023
		18/02/2023
		20/02/2023
		21/02/2023
		22/02/2023
	Unit - IV	23/02/2023
	सामान्य - प्रदूषण और रेविएरसिक परियोजना	24/02/2023
		25/02/2023
		27/02/2023
		28/02/2023

कुल कार्य दिवस 24 अवकाश 01 सम्पादित कार्य दिवस 23

WORK DONE DURING THE DAY

REMARK

खनिज संसाधन : उपयोग का पुनः व्याख्यान

खनिज संसाधनों का उपयोग करने का पुनः व्याख्यान

खनिज संसाधन : पुनः पुनः

ऊर्जा संसाधन : ऊर्जा की बढ़ती जरूरतें

भारत की ऊर्जा की पुनः व्याख्यान

नवीकरणीय ऊर्जा की पुनः व्याख्यान

गैर-नवीकरणीय ऊर्जा स्रोत - पुनः व्याख्यान

परिस्थिति - देश में ऊर्जा प्रवाह का पुनः व्याख्यान

खनिज, ऊर्जा - का पुनः व्याख्यान

जैव-विविधता का अर्थ : उपयोगिता का पुनः व्याख्यान

राष्ट्रीय और स्थानीय स्तर पर जैव-विविधता पुनः पुनः

जैव-विविधता का स्वास्थ्य और वातावरण स्थान संरक्षण का पुनः व्याख्यान

ऊर्जा से संबंधित - शहरी - समस्याओं का पुनः व्याख्यान

जल संरक्षण का पुनः व्याख्यान

वर्षा जल संचयन का पुनः व्याख्यान

महामोचन

गैर-जल संचयन का पुनः व्याख्यान

पर्यावरण संरक्षण अधिनियम का पुनः व्याख्यान

पर्यावरण और मानव स्वास्थ्य का पुनः व्याख्यान

विकास की अवधारणा का पुनः व्याख्यान

जैव-विविधता

भारत के संविधान के तहत कार्य का पुनः व्याख्यान

स्वातंत्र्य के सिद्धांत की पुनः व्याख्यान

मानव अधिकार के पुनः व्याख्यान

शासकीय नवीन महाविद्यालय
सावहेवारा

2022..2023...

TEACHER'S DIARY

Subject हिंदी भाषा

Name of Teacher सनत कुमार देवांगन / एन.के. यादव

Subject हिंदी भाषा

Month सितम्बर 2022

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/09/22
	इकाई - 1	02/09/22
	पल्लवन - अर्थ परिभाषा उपयोगिता एवं	03/09/22
	विशेषताएं	05/09/22
	पञ्चाचार व्यंजित् स्वर एवं शकार	06/09/22
		07/09/22
	अनुवाद : अर्थ परिभाषा एवं	08/09/22
	स्वर	09/09/22
	उद्देश्य एवं उपयोगिता वगुण	10/09/22
		11/09/22
		12/09/22
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		29/09/22
		30/09/22

कुल कार्य दिवस 26 अवकाश 04 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

पल्लवन : अर्थ क्या है ? एवं परिभाषा
पल्लवन के नियम पल्लवन करते समय ह्याप विधायी के
एक कुशल पल्लवन कर्ता के लिए आवश्यक गुण
पल्लवन क्या है : - अर्थ एवं परिभाषा

पल्लवन के नियम पल्लवन करते समय ह्याप विधायी के
एक कुशल पल्लवन कर्ता के गुण
उह स्तितियों का पल्लन अभ्यास

पञ्चाचार क्या है ? ऐतिहासिक दृष्टिकोण
पञ्च के प्रकार एवं पञ्च की विशेषताएं
रश्मि आकाश

कुछ स्तितियों का पल्लवन अभ्यास
पञ्चाचार क्या है ? ऐतिहासिक दृष्टिकोण

पञ्च के प्रकार एवं पञ्च की विशेषताएं
कार्यालयीन कार्य लेखन

निजी पञ्च की विशेषताएं एवं प्रकार
औपचारिक एवं अनौपचारिक पञ्च में अंतर

निजी पञ्च की विशेषताएं एवं प्रकार
औपचारिक एवं अनौपचारिक पञ्च में अंतर

राष्ट्रीय सेवा योजना कार्यवाला मित्र

असरकारी पञ्च : परिपत्र की विशेषताएं एवं प्रकार

कार्यालय बापन, अनुस्माक व अधिसूचना का प्रकाश

व्यावसायिक पञ्च विशेषताएं एवं प्रकार

परिपत्र एवं अर्द्ध सरकारी पञ्च की विशेषताएं एवं प्रकार

कार्यालय बापन अनुस्माक व अधिसूचना का प्रकाश

व्यावसायिक पञ्च विशेषताएं एवं प्रकार

अनुवाद अर्थ परिभाषा एवं प्रकार

अनुवाद के उद्देश्य उपयोगिता एवं गुण

हिंदी दिवस मनाया गया

N. 88. क्या दिया है


हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य

Subject

Month

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
5	राजभाषण की प्रशिक्षण कार्यवाही	1/02/23
	समाज-सेवा-संस्थाओं में	2/02/23
	राजभाषण कार्यवाही के लिए	3/02/23
	राजभाषण कार्यवाही के लिए	4/02/23
		5/02/23
		6/02/23
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		27/02/23
		28/02/23

कुल कार्य दिवस 24 अवकाश 05 सम्पादित कार्य दिवस 23

WORK DONE DURING THE DAY

REMARK

समझावण की कुशलता = मधवराव सप्रे ।

सामाजिक जीवन की कुशलता तथा समाज परिक्षा प्रकाश

~~सम्राज्य की प्रशालता - मधुवराब सप्रे~~

2. मज्जापण की कुशलता + मध्य रात्रि स्नेह ।

~~SUNDAY 29/8/17~~

~~अंशिका वि २० को प्रमाण = हिन्दी में संक्षिप्त है।~~

~~अनुवाद व्यवहार होन का भा और लक्ष्य का भा ।~~

जान्वाडू न्हूवहा २ वां जन्वाडू क गुण

કાન્યા સ્ત્રી વિશિષ્ટ નામ

साम्प्रदायिक की प्रवृत्ति ।

~~Day - 30/04/2021~~

समीक्षा की कुविल (K) = माध्यम राव ज्ञान ।

अज्ञेय (अज्ञेय) अज्ञेय

सम्पूर्ण की कुशलता ।

കാമ്യവാദകർ ഉദാ !

कक्षा - प्रश्न /

~~कलशिवराज कवळार~~

~~SWINDLE~~ ~~कावमूला~~

~~कन्या १ - का उम्र ३० वर्ष १० मिनट १० सेकंड~~

[illegible]

संक्षिप्त में हिन्दी के संक्षिप्त

कान्हादन्तु के पुत्र ।

क्या यह भी विवेक है।

संक्षेप का कार्य करना

~~summary~~

कन्याश्रम के उद्देश्य और विशेषताएँ।

ਕਰਾਮੀ ਨੇ ਇਸ ਨੂੰ ਚੁਕਾ ਦਿੱਤਾ ।

हस्ताक्षर प्राध्यापक

Neety
हस्ताक्षर प्राचार्य

शासकीय नवीन महाविद्यालय
सालहेवारा

20.....20.....

TEACHER'S DIARY

Subject Chemistry

Name of Teacher Ved Prakash Singh

Subject ChemistryMonth January

DATE

S. NO.

WORK PROPOSED FOR THE MONTH

Theory class Paper III - Physical Chemistry
 Unit - IV - Nature of solid state,
 Law of constancy of interfacial
 angles, Elementary ideas of symmetry,
 Sub elements, operations, qualitative
 Idea of point & surface gpts,
 Seven crystal sys. X-ray diffn, Bragg's law
 Simple description of crystal method, powder pattern.

18/01/2023

19/01/2023

20/01/2023

21/01/2023

23/01/2023

24/01/2023

25/01/2023

26/01/2023

UNIT V Catalysis - Homogenous & Heterogenous
 Types of catalyst, characteristics,
 Enzyme catalysed reaction.
 Industrial applications of
 Catalysis.

27/01/2023

28/01/2023

29/01/2023

30/01/2023

31/01/2023

 कुल कार्य दिवस 12 अवकाश 01 सम्पादित कार्य दिवस 11

Class B.Sc. 1st year

[illegible]


हस्ताक्षर प्राध्यापक

for **Principal**
Rani Durgavati Govt.
हस्ताक्षर प्राचार्य
Dist. - K. C. C.

Subject chemistry

Month February

S. NO.

WORK PROPOSED FOR THE MONTH

DATE

Practical classes:-

Radical Analysis of some
compounds (Salt) having acidic
& basic in nature.

Calculate alkali content using HCl
in Antacid tablet.

03/02/2023

04/02/2023

10/02/2023

11/02/2023

Extra class

Extra class

Extra class

17/02/2023

24/02/2023

25/02/2023

कुल कार्य दिवस अवकाश सम्पादित कार्य दिवस

Class ... B.Sc. ^{II}rd year

WORK DONE DURING THE DAY

REMARK

Radical Analysis of some acid
& Basic radical done.

Practical class taken as a internal
examinat.

Practical cl
B.Sc. II year

Del.

हस्ताक्षर प्राध्यापक

Neeety
हस्ताक्षर प्राचार्य

शासकीय नवीन महाविद्यालय
साहनेवाड़ा

20....20.....

TEACHER'S DIARY

Subject: Commerce

Name of Teacher Manish Kumar

Month .. October - 2022 ..

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	विषय - वित्तीय लेखांकन	01/10/2022
		03/10/2022
		04/10/2022
	अप-1/पैपर-1 इकाई - I	05/10/2022
	लेखांकन का परिचय : विकास, परिभाषा	06/10/2022
	आवश्यकता, उद्देश्य, लेखांकन की शाखाएं	07/10/2022
	लेखांकन के सिद्धांत, आधारणा एवं परंपरा	08/10/2022
	लेखांकन मानक : अन्तर्राष्ट्रीय लेखांकन मानक	10/10/2022
	(सर्व स्पर्शा) : भारत में लेखांकन मानक	11/10/2022
	लेखांकन व्यवहार, दोहरी प्रविष्टि प्रणाली	12/10/2022
	की आधारणा। पूंजी एवं आगम की	13/10/2022
	आधारणा, मूल प्रविष्टि की पुस्तकें, जर्नल	14/10/2022
	व्यवस्थापकी, जर्नल का विभाजन : रोकड़	15/10/2022
	पुस्तक ,	17/10/2022
		18/10/2022
		19/10/2022
		20/10/2022
		21/10/2022
		22/10/2022
		24/10/2022
		25/10/2022
		26/10/2022
		27/10/2022
		28/10/2022
		29/10/2022
		31/10/2022

कुल कार्य दिवस 22 अवकाश 03 सम्पादित कार्य दिवस 19

लेखांकन परिचय - विचार, परिभाषा, आवश्यकता इत्यादि
लेखांकन की शाखाएँ, लेखांकन के सिद्धान्त,
लेखांकन अवधारणाएँ एवं प्रश्न, परंपराएँ ।

लेखांकन समीकरण (क्रियात्मक प्रश्न)

लेखांकन समीकरण (क्रियात्मक प्रश्न)

लेखांकन समीकरण (क्रियात्मक प्रश्न)

लेखांकन समीकरण (क्रियात्मक प्रश्न)

लेखांकन मानक - अन्तर्राष्ट्रीय लेखांकन मानक

लेखांकन व्यवहार - दोहरी व डी-प्रविष्टि प्रणाली
की अवधारणा, खाते के प्रकार,

व्यक्तिगत खाता, वास्तविक खाता, नाम मात्र खाते के नियम

डि-प्रविष्टि प्रणाली के लाभ व महत्व

पूँजी एवं भाग्य - डी अवधारणा -

पूँजी व्यय व भाग्य व्यय में अंतर

पंजी (रीजनामचा) प्रविष्टि, पंजी प्रविष्टि प्राप्ति

Deepawali

Holiday

पंजी प्रविष्टि करने के नियम, डेबिट, क्रेडिट नियम

रीजनामचा (पंजी) के प्रकार, सहायक फुल्ले,

पंजी प्रविष्टि (Journal Entry) (क्रियात्मक प्रश्न)

पंजी प्रविष्टि (क्रियात्मक प्रश्न)

Month: February

Subject: Int. Marketing / Prin. of

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	इकाई - 5	01 / 02 / 2023
	• भारत में निर्यात नीतियां एवं पद्धतियां	02 / 02 / 2023
	• भारत में विदेशी व्यापार की प्रवृत्तियां	03 / 02 / 2023
	• निर्यात व्यापार को प्रारंभ करने के चरण	04 / 02 / 2023
	• निर्यात सूच्य या कुमते, निर्यात विज्ञ	06 / 02 / 2023
	• प्रत्यक्ष पोषण एवं निर्यात विधि	07 / 02 / 2023
		08 / 02 / 2023
		09 / 02 / 2023
		10 / 02 / 2023
		11 / 02 / 2023
		13 / 02 / 2023
		14 / 02 / 2023
	इकाई - 5	15 / 02 / 2023
	• सम्पर्कन या प्रवर्तन - विहापन	16 / 02 / 2023
	• वैयक्तिक विज्ञ	17 / 02 / 2023
	• विज्ञान का दानिया विज्ञान	18 / 02 / 2023
		20 / 02 / 2023
		21 / 02 / 2023
		22 / 02 / 2023
		23 / 02 / 2023
		24 / 02 / 2023
		25 / 02 / 2023
		27 / 02 / 2023
		28 / 02 / 2023

भारत में निर्यात, नीतियाँ, पहिलियाँ
 भारत में विदेशी व्यापार, प्रवृत्तियाँ,
 निर्यात व्यापार को प्रारंभ करने के चरण
 व्यापार में उत्पाद चुनाव, व्यापार चुनाव,
 निर्यात सूर्य या फीमल निर्यात,
 निर्यात पत्र व्यवस्था,
 प्रमुख पोषण एवं निर्यात विधि, सक्षमता प्रोत्साहन
 संवर्धन या प्रवर्धन की विधि, प्रवर्धन निष्पन्न
 संवर्धन निष्पन्न, विज्ञापन व्यवस्था, गुण-बोध

Maheshwari Hari Haldar

प्रभावि विज्ञापन की विशेषताएँ, वैयक्तिक विज्ञापन, व्यवस्थापन
 व्यक्त विज्ञापन का वर्गीकरण, विज्ञापन के कार्य,
 विज्ञापन का विकास - सामाजिक विज्ञापन
 आनन्दन विज्ञापन, प्रत्यक्ष विज्ञापन, सेवा विज्ञापन
 सेवा विज्ञापन, हरित विज्ञापन
 ड्राई टेक्स्ट
 ड्राई टेक्स्ट

Revision - 05 ST

Signature
 हस्ताक्षर प्राध्यापक

For Signature

हस्ताक्षर प्राध्यापक
 रानी दुर्गावती शास्त्री, महाविद्यालय
 साहयवा
 जिला-बरेilly, जहाँ-गढ़ा (UP)

शासकीय नवीन महाविद्यालय
साल्हेवारा

20.22-20.23...

TEACHER'S DIARY

Subject ECONOMICS

Name of Teacher Rajendra Raut

Month सितम्बर 2022

Subject अर्थशास्त्र

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
1	प्रथम प्रश्न पत्र	01/09/2022
	द्वितीय अर्थशास्त्र	02/09/2022
	इकाई - I	03/09/2022
	अर्थशास्त्र का परिचय परिभाषा, प्रकृति	05/09/2022
	एवं क्षेत्र, अर्थशास्त्र में अध्ययन की	06/09/2022
	विधियाँ। उपभोगिता गणनावाचक दृष्टिकोण	07/09/2022
	एवं कुमवाचक दृष्टिकोण उदासीनतावाचक	08/09/2022
	उपभोगिता का संतुलन, गिफिन शून्य	09/09/2022
	भाग एवं भाग का विपक्ष, भाग का	10/09/2022
	लेख। उपभोगिता की व्यय	12/09/2022
		13/09/2022
		14/09/2022
		15/09/2022
		16/09/2022
		17/09/2022
		19/09/2022
		20/09/2022
		21/09/2022
		22/09/2022
		23/09/2022
2	द्वितीय प्रश्न पत्र	24/09/2022
	भारतीय अर्थव्यवस्था	26/09/2022
	इकाई - I	27/09/2022
	स्वातंत्र्य के पूर्व एवं बाद की अर्थव्यवस्था।	28/09/2022
	विदेशी भात की आर्थिक विधियाँ एवं विदेशी के	29/09/2022
	समय सामीय अर्थव्यवस्था गिफ्ट, भारत में आर्थिक नियंत्रण	30/09/2022

कुल कार्य दिवस 26

अवकाश

Nil

सम्पादित कार्य दिवस

26

WORK DONE DURING THE DAY

REMARK

शिक्षक दिवस का आयोजन

हिन्दी दिवस का आयोजन

राष्ट्रीय सेवा योजना स्थापना दिवस

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य

प्राचार्य
शासकीय नवीन महाविद्यालय
सालहेवाडा
जिला-राजगनगण (उ.प्र.)

Month फरवरी 2023

Subject पर्यावरण प्रदूषण

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	मानव अधिकार अधिनियम 1993 के तहत	01/02/2023
	मानव अधिकार विभाग - राष्ट्रीय मानवाधिकार	02/02/2023
	कार्ड से अपील, राज्य मानवाधिकार आयोग	03/02/2023
	इस मानवाधिकार व्यापारिक / मालिक के तहत	04/02/2023
	कार्ड के तहत के तहत मालिक के तहत	06/02/2023
		07/02/2023
		08/02/2023
		09/02/2023
		10/02/2023
		11/02/2023
		13/02/2023
		14/02/2023
		15/02/2023
		16/02/2023
		17/02/2023
		18/02/2023
		20/02/2023
		21/02/2023
		22/02/2023
		23/02/2023
		24/02/2023
		25/02/2023
		27/02/2023
		28/02/2023

कुल कार्य दिवस 24 अवकाश 01 सम्पादित कार्य दिवस 23

प्रमाणित किया गया कि
आ. उ. विभाग - प्र. उ. विभाग - प्र. उ. विभाग

[illegible]

हस्ताक्षर प्राध्यापिक

Neety
हस्ताक्षर प्राचार्य
प्राचार्य
रानी दुर्गावती शास. महाविद्यालय
सातहेंवारा
जिला-खैरा.-छुई.-गंडई/छ.गञ्ज.

शासकीय नवीन महाविद्यालय
सालहेवारा

20.22.20.23...

TEACHER'S DIARY

Subject Mathematics

Name of Teacher Anjana Sahu

Month November

Subject Mathematics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	<u>Bsc - II</u> <u>paper - I</u> <u>unit - II</u>	
		18/11/2022
		19/11/2022
	<u>SUNDAY</u>	20/11/2022
		21/11/2022
	continuity, sequential continuity,	22/11/2022
	properties of continuous fun ⁿ ,	23/11/2022
	uniform continuity, chain rule	24/11/2022
	of differentiability, mean value	25/11/2022
	theorem and their geometrical	26/11/2022
	interpretations, Darboux's inter-	27/11/2022
	mediate value theorem for	28/11/2022
	derivatives, Taylor's theorem with	29/11/2022
	various form of remainders	30/11/2022
	<u>paper - III</u> <u>unit - II</u>	
	forces in three dimensions,	
	rainbow's central axis,	
	null lines and planes.	

कुल कार्य दिवस 10 अवकाश 0 सम्पादित कार्य दिवस 10

WORK DONE DURING THE DAY

REMARK

Basic of Maths continuity
 continuous funⁿ, UC, CR, differentiability
SUNDAY

Symposium

Mean Value theorem, Darboux, intermediate
 Tylos theorem, Exercises
 Tylos Theorem with rules
 MVT geometrical interpretations
 Formulas in three dimensions,
 points of central axis,
 null lines
 planes and properties
 planes with, Exercises
 Test DAY

Rohu

हस्ताक्षर प्राध्यापक

for Neety

हस्ताक्षर प्राचार्य

Principal

Rahi Durgavati Govt.

Salhewara

Dist. - K.C.G. (C.G.)

Month February 2023

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	unit II Biom T	01 10/2/2023
		02 10/2/2023
	Commission, Brokerage, Discount,	03 10/2/2023
	Profit and Loss Transportation	04 10/2/2023
	Problems	06 10/2/2023
		07 10/2/2023
		08 10/2/2023
	unit (IV) FLS	09 10/2/2023
		10 10/2/2023
	Liquid waste disposal, Nature	11 10/1/2023
	of domestic and municipal	13 10/1/2023
	waste and sewage	14 10/1/2023
	treatment solid waste	15 10/2/2023
	disposal Methods of disposal	16 10/2/2023
	of Agricultural waste	17 10/2/2023
		18 10/2/2023
		20 10/2/2023
		21 10/2/2023
		22 10/2/2023
		23 10/2/2023
		24 10/2/2023
		25 10/2/2023
		27 10/2/2023
		28 10/2/2023

कुल कार्य दिवस 24 अवकाश 07

सम्पादित कार्य दिवस 17

Principal Govt
Rani Durgavati
Sahawara
(C.G.) (C.G.)
Dist. - R.C.G. (C.G.)

WORK DONE DURING THE DAY

REMARK

Basic of Commission.

with Example

Exercise
Basic of Liquid Assets disposal, May domestic Brokerage

Examples with Brokerage
Exercise with Brokerage

← leave →

← leave →

← leave →

Basic with profit
Basic with loss

Examples

Exercise of profit & loss

Exercise of profit & loss

← Mahashivratri →

← leave →

Revision class

loss Transportation problems

loss Transportation problems

← leave →

Exercises

Exercises

← leave →

Prakash

हस्ताक्षर प्राध्यापक

Neetu

हस्ताक्षर प्राचार्य

Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

शासकीय नवीन महाविद्यालय
साल्हेवारा

20²²..20²³.....

TEACHER'S DIARY

Subject Botany

Name of Teacher Kishan Sharma

Month September

Subject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
01	Paper - I, Unit - II	01/09/2022
02	Bacteria: General characteristics and classification	02/09/2022
03	ion, Fine structure of bacterial cell,	03/09/2022
04	Gram positive & Gram negative bacteria,	05/09/2022
05	Mode of Nutrition & reproduction.	06/09/2022
06	Vegetative, Asexual & recombination	07/09/2022
07	[Conjugation, transformation &	08/09/2022
08	transduction, Economic importance.	09/09/2022
09	Microbial Biotechnology, Rhizobium,	10/09/2022
10	Azotobacter, Anabaena.	12/09/2022
11		13/09/2022
12		14/09/2022
13		15/09/2022
14	Paper - II, Unit - III	16/09/2022
15		17/09/2022
16	Gymnosperm: General characteristics,	19/09/2022
17	Affinities, economic importance and	20/09/2022
18	classification, Morphology, anatomy &	21/09/2022
19	reproduction in cycas, Pinus, Ephedra	22/09/2022
20		23/09/2022
21		24/09/2022
22		26/09/2022
23		27/09/2022
24		28/09/2022
25		29/09/2022
26		30/09/2022

कुल कार्य दिवस 26 अवकाश 04 सम्पादित कार्य दिवस 26

WORK DONE DURING THE DAY	REMARK
General Introduction in Bacterial cell	
General characteristics of Bacteria	
Bacterial classification	
Structure of Bacterial cell, on the basis of Morphology	Teacher's Day celebrated
Gram Positive & Negative Bacteria	
Mode of Nutrition	
Reproduction - Vegetative & Asexual reproduction	
Reproduction - Sexual Reproduction - Conjugation, Transformation	
Transformation, Transduction	
Economic Importance of Bacteria	
Microbial Biotechnology - Rhizobium	
Revisions of unit	Hindi Day celebrated
Revisions of unit	
Gymnosperm - Plant Introduction & examples	
General characteristics of Gymnosperm	
Affinities	
Classification of Gymnosperm	
Morphology & Anatomy of plants	
Cycas - Root, stem, leaves Anatomy	
Cycas - Reproduction, Alternation of generation	
Pinus - Root, stem, leaves External & Anatomy	NSS Foundation Day celebrated
Pinus - Reproduction, Alternation of generation	
Ephedra - Root, stem, leaves External & Anatomy	
Ephedra - Reproduction, Alternation of generation	
Unit - Test	
Unit - Test	

हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राचार्य
Principal
GOVT. Naveen College Salhewara •
Rajnandgaon (C.G.)

Month FebruarySubject Botany

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01/02/23
		02/02/23
		03/02/23
		04/02/23
		06/02/23
		07/02/23
		08/02/23
		09/02/23
		10/02/23
		11/02/23
		13/02/23
		14/02/23
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		16/02/23
		17/02/23
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		23/02/23
		24/02/23
		25/02/23
		27/02/23
		28/02/23

कुल कार्य दिवस 24 अवकाश 01 सम्पादित कार्य दिवस 23

Class ... B.Sc. I, II, IIIrd Practical.

WORK DONE DURING THE DAY	REMARK
Plant Description	
Plant Description	
Instrumentation study	
Instrumentation study	
Permanent slide study	
Permanent slide study	
Plant Description	
Plant Description	
Instrumentation study	
Instrumentation study	
Permanent slide study	
Permanent slide study	
Plant Description	
Plant Description.	
Mahashivaratri Holiday	
Botany Practical examination.	
B.Sc. I Year extra class	
B.Sc. II Year extra class	
B.Sc. III Year extra class.	
B.Sc. I Year extra class	
B.Sc. II Year extra class	
B.Sc. III Year extra class	
B.Sc. I Year extra class	
B.Sc.	

Kelam
हस्ताक्षर प्राध्यापक

हस्ताक्षर प्राध्यापक *Neety*
for Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

शासकीय नवीन महाविद्यालय
साल्हेवारा

20²²-20²³...

TEACHER'S DIARY

Subject PHYSICS

Name of Teacher ARVIND KUMAR BHEDIYA

Month September

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
1.	Cartesian, polar, cylindrical and spherical coordinate system. Inertial and non Inertial frame of reference, uniformly rotating frame	01.09.2022
	Coriolis force and its applications. Motion under a central force, Kepler's laws. Effect of Centrifugal and Coriolis force due to earth rotation	02.09.2022
	Center of mass and frame of reference. Motion of C.M. of system of particles subjected to external forces. Elastic and inelastic collision in one and two dimensions.	03.09.2022
		05.09.2022
		06.09.2022
		07.09.2022
		08.09.2022
		09.09.2022
		10.09.2022
		12.09.2022
		13.09.2022
		14.09.2022
	BSc - I	15.09.2022
	Paper - 2	16.09.2022
	Unit - 1	17.09.2022
	Repeated integrals of a function more than one variable, definition of double and triple integrals, Gradient of scalar field and its geometrical interpretation. Divergence and curl of a vector field. Line, surface and volume integrals, flux of a vector field	19.09.2022
	Gauss divergence theorem, Green theorem and Stokes theorem and their significance.	20.09.2022
		21.09.2022
		22.09.2022
		23.09.2022
		24.09.2022
		26.09.2022
		27.09.2022
		28.09.2022
		29.09.2022
		30.09.2022

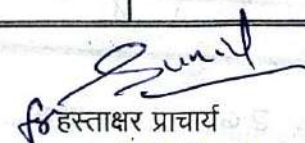
कुल कार्य दिवस 26 अवकाश NIL सम्पादित कार्य दिवस 26

Class BSC-(I)

WORK DONE DURING THE DAY	REMARK
Cartesian and polar coordinate system	
cylindrical coordinate system	
cylindrical and spherical coordinate system	
Inertial and non inertial frame of reference.	Teacher's day celebration
uniformly rotating frame	
coriolis force and its application.	
motion under a central force	
kepler 1st law derivation.	
kepler 1st law derivation.	Orientation program.
kepler 2nd & 3rd Law derivation.	BSC (I)
Effect of centrifugal and coriolis force due to earth	
motion of CM of system of particles subjected to	
elastic collisions one dimensional	Ozenday celebration
inelastic collision one dimensional	
elastic collision two dimensional	
Repeated integrals of a function more than one variable	
double and triple integral	
Gradient of a scalar field and physical interpretation	
divergence of vector field	
divergence of vector field	Nss. stabilization day
curl of vector field	
physical significance and geometrical interpretation	
line, surface and volume integrals.	
Gauss divergence theorem	
Green and stock theorem	



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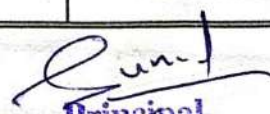


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S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.09.2022
	BSC 2 year	02.09.2022
	paper - 1, unit - 1	03.09.2022
	zero and first Law of thermodynamics.	05.09.2022
	Internal energy as a state function, reversible and Irreversible change, Carnot's cycle.	06.09.2022
	Carnot theorem, Entropy, ST Diagram	07.09.2022
	Thermodynamic scale of temperature	08.09.2022
	2nd and 3rd Law of thermodynamic	09.09.2022
	concept of Negative temperature.	10.09.2022
		12.09.2022
		13.09.2022
	paper - 2 unit - 1	14.09.2022
	wave equation, speed of transverse wave	15.09.2022
	on uniform string, speed of longitudinal	16.09.2022
	wave in a fluid, Energy density and energy	17.09.2022
	transmission in waves, wave over Liquide	19.09.2022
	surface, gravity wave and ripple, Group	20.09.2022
	velocity and phase velocity and Relation	21.09.2022
	production and detection of ultrasonic	22.09.2022
	and infrasonic waves and Application	23.09.2022
	Acoustic impedance of medium.	24.09.2022
	percentage reflection and refraction of light	26.09.2022
	(sound) at a boundary, Impedence	27.09.2022
	matching for transducers diffraction of	28.09.2022
	sound, principal of sonar system	29.09.2022
	sound ranging.	30.09.2022

WORK DONE DURING THE DAY	REMARK
zero and 1st Law of thermodynamic. Energy as a state P.	
Reversible and Irreversible change.	
Carnot's cycle in isothermal and adiabatic expansion	
Carnot's cycle in isothermal & adiabatic compression	
Carnot's theorem.	
Thermodynamic 2nd Law	
Entropy	
change of entropy in ideal gas	
Entropy change in reversible and irreversible process	
Entropy of Ideal gas	
S-T Diagram	
principle of Increase of Entropy.	
the thermodynamic temperature of scale	
third Law of thermodynamic	
wave equation	
speed of transverse wave on uniform string	
speed of longitudinal wave in a fluid	
Energy density and energy transmission in wave	
gravity wave designation	
group velocity and phase velocity. Reflection	
Acoustic impedance of a medium	
percentage reflection and refraction at a boundary	
impedance matching for transducers	
diffraction of sound	
principle of sonar system	
Sound Ranging.	


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Month September

Subject PHYSICS

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper-1 Unit-1	01.09.22
	Reference system, inertial frames	02.09.22
	Michelson Morley experiments search	03.09.22
	for ether, postulates for the special	05.09.22
	theory of relativity, Lorentz transformation	06.09.22
	length contraction, time dilation velocity	07.09.22
	addition, variation of mass with velocity	08.09.22
	mass-energy equivalent particle with	09.09.22
	zero rest mass.	10.09.22
		12.09.22
		13.09.22
	Paper-2 Unit-1	14.09.22
	Amorphous and crystalline solid, Element	15.09.22
	of symmetry, seven crystal system	16.09.22
	Cubic Lattice, crystal plane's, miller indices	17.09.22
	Laue's equation for X-ray diffraction, Bragg's	19.09.22
	Law specific heat of solids classical	20.09.22
	theory of Einstein and Debye theories.	21.09.22
	Vibration mode of one dimensional monoatomic	22.09.22
	Lattice dispersion relation, Brillouin zone	23.09.22
		24.09.22
		26.09.22
		27.09.22
		28.09.22
		29.09.22
		30.09.22

कुल कार्य दिवस 26 अवकाश NIL सम्पादित कार्य दिवस 26

WORK DONE DURING THE DAY

REMARK

Reference system and inertial frame of reference

Michelson Morley experiment

Michelson Morley experiment

Galilean transformation

Special theory of Relativity

Lorentz transformation

Length contraction

Time dilation

Velocity addition

Variation of mass with velocity

Mass Energy equivalent

Particle with zero rest mass

Amorphous and crystalline solids

Element of symmetry

Seven crystal system

UNIT Test - 01 Paper - 01

Cubic lattice

Crystal plane and Miller indices

Laue's equation for X-ray diffraction

Bragg Law and Bonding in solids

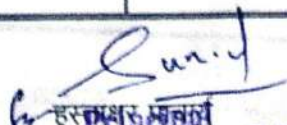
Classical theory Einstein

Classical theory Einstein and Dulong-Petit's law

Dulong-Petit's law

Vibrational mode of one dimensional monoatomic


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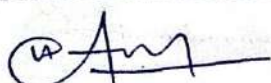

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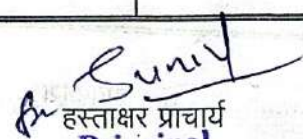
Month SeptemberSubject PHYSICS practical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.09.22
		02.09.22
		03.09.22
		05.09.22
		06.09.22
		07.09.22
		08.09.22
		09.09.22
		10.09.22
		12.09.22
		13.09.22
		14.09.22
		15.09.22
		16.09.22
		17.09.22
		19.09.22
		20.09.22
		21.09.22
		22.09.22
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		26.09.22
		27.09.22
		28.09.22
		29.09.22
		30.09.22

कुल कार्य दिवस 26 अवकाश NIL सम्पादित कार्य दिवस 26

WORK DONE DURING THE DAY	REMARK
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
General Introduction of practical syllabus	
study of Newton cooling Law.	
General introduction of PN Junction diode.	
General introduction of Zener diode.	
study of compound pendulum.	
study of compound pendulum.	
study of Newton cooling Law.	
study of Newton cooling Law.	
study of PN Junction diode.	
study of PN Junction diode.	
study of parallel axis theorem of moment of inertia.	
study of parallel axis theorem of moment of inertia.	
To learn programming of C.	
To learn programming of C.	
study of Zener diode.	
study of Zener diode.	
study of vertical axis theorem of moment of Inertia.	
study of vertical axis theorem of moment of Inertia.	
study of polarimeter.	
study of polarimeter.	
study of transistor (general introduction)	


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Month .. October ..

Subject .. physics ..

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1, unit - 1	01.10.22
	scattering angle in the laboratory frame of reference	06.10.22
	conservation of linear and angular momentum	07.10.22
	unit - 2	08.10.22
	Rigid body motion, rotational motion, moments	10.10.22
	of inertia and their product: principal	11.10.22
	moment & axes, introductory idea of Euler's	12.10.22
	equation. potential well and periodic oscillation	13.10.22
	case of harmonic small oscillations.	14.10.22
		15.10.22
		17.10.22
	Paper - 2	18.10.22
	unit - 2	19.10.22
	Coulomb law	20.10.22
	calculation of E charge distribution	21.10.22
	dipole and quadrupole fields	22.10.22
	work done on a charge in electrostatic field	27.10.22
	$\vec{E} = -\vec{\nabla}V$	28.10.22
	Torque on a dipole in a uniform electric field	29.10.22
	and work done. flux of electric field.	31.10.22

कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

WORK DONE DURING THE DAY

REMARK

conservation of linear momentum.

conservation of angular momentum.

definition of Rigid body and rotation/rotation
moment of Inertia. and product.

parallel axis theorem

perpendicular axis theorem.

principal moment of axis

Introductory idea of wave equation.

Potential well and periodic oscillation.

Case of small oscillation.

UNIT-TEST-2 Paper-2 UNIT-1

Wave equation and differential equation of pendulum

Coulomb Law in vacuum expressed in vector form

Calculation of E in simple distribution of charge.

Dipole and quadrupole field

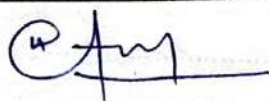
Work done on a charge in electrostatic field

Relation $\vec{E} = -\vec{\nabla}V$

Torque on a dipole in a uniform electric field

Work done by dipole in uniform electric field

flux of the electric field



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Month octoberSubject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	paper-1 unit-2	01.10.22
	Thermodynamic function, Internal Energy	06.10.22
	Enthalpy, Helmholtz function and Gibbs free	07.10.22
	Energy, maxwell thermodynamical equation's	08.10.22
	and their Application. Tds equation and	10.10.22
	heat capacity equation, application of	11.10.22
	maxwell equation in Joule-Thomson cooling	12.10.22
	adiabatic cooling of a system van der Waals	13.10.22
	gas Clausius-Clapeyron heat equation,	14.10.22
	Black body spectrum and Planck theory of	15.10.22
	radiation.	17.10.22
		18.10.22
	paper-2	19.10.22
	unit-2	20.10.22
	Fermat's principle of extremal path.	21.10.22
	the aplanatic point of sphere and	22.10.22
	its Application, Cardinal point of optical	27.10.22
	system. thick lens and lens combination	28.10.22
	Lagrange equation of magnification.	29.10.22
	telephoto lens schmidt corrector plate	31.10.22
	need for multiple lens eyepiece.	

कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

WORK DONE DURING THE DAY

REMARK

Gibbs free Energy and maxwell 4 equation.

maxwell thermodynamic equation

maxwell thermodynamic equation and Application,

Tds equation and heat capacity equation.

app. of maxwell equation in Joule Thomson cooling

Wanderwall girls

clausions- clapeyron heat eqution.

Black body spectrum

plank theorem of eqution.

Fermat's principal of extremum path.

the applanatic point of a sphere and other

Application of aplanatic point

Cardinal point of optical system

thick lens and lens combination -

Langrange equation of magnification.

telephanta leucis

Schmidt corrector plates

need for multiple hence eyepiece.

Test Exam paper-1 unit-2

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Month OctoberSubject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1 unit - 2	01.10.22
	failure of classical physics to explain the	06.10.22
	phenomena of black body radiation, photoelectric	07.10.22
	effect, Compton effect wave particle duality	08.10.22
	uncertainty principle, de Broglie hypothesis of	10.10.22
	matter wave the concept of group and	11.10.22
	phase velocity, Experimental demonstration	12.10.22
	of matter waves. Consequence of de Broglie	13.10.22
	concept, Bohr's Complementary principle	14.10.22
	Bohr's correspondence principle, Bohr atom	15.10.22
	model, Energy of particle in box	17.10.22
	wave packet, gamma rays microscope.	18.10.22
		19.10.22
		20.10.22
	Paper - 2	21.10.22
	Unit - 2 (5)	22.10.22
	Binary Number	27.10.22
	Binary to decimal and decimal to	28.10.22
	Binary Conversion, OR and NOT gate	29.10.22
		31.10.22

कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

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Subject physics practical

Month October

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कुल कार्य दिवस 26 अवकाश 06 सम्पादित कार्य दिवस 20

WORK DONE DURING THE DAY	REMARK
study of BJT.	
study of palariometer.	
study of BJT.	
study of BJT.	
find the firmness coefficient of given wire.	
find the firmness coefficient of given wire.	
find the unknown Resistent with help of shering bridge.	
find the unknown Resistent with help of shering bridge.	
study of BJT	
Intro duction programing of C.	
find the moment of intia of unknown body.	
find the moment of inertia of unknown body.	
introduction programming in C.	
introduction programming in C.	
introduction programming of C.	
programming of C.	
programing of C.	
programing of C.	
programing of C.	
	Vallabhai patel Jayanti


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Month November

Subject PHYSICS

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1 unit - 2	01.11.22
	Differential equation and its solution	02.11.22
	KE and PE, Example of SHM oscillations,	03.11.22
	spring and mass system, simple and	04.11.22
	compound pendulum Torsional pendulum.	05.11.22
	unit - 3	7.11.22
	Bipolar oscillations, helmholtz resonator	08.11.22
	LC circuit, vibration of magnet	09.11.22
	oscillation of two masses connected by	10.11.22
	spring, simple harmonic motion of	11.11.22
	same frequency Lissajous figures.	12.11.22
		14.11.22
		15.11.22
	Paper - 2 unit - 2	16.11.22
	Gauss Law and its application	17.11.22
	capacitors, electrostatic field energy	18.11.22
	force per unit area of the surface of	19.11.22
	a conductor in a electric field	21.11.22
	unit - 3	22.11.22
	dielectrics constant, polar and ^{non DE} dielectric	23.11.22
	dielectrics and Gauss's Law Dielectric	24.11.22
	polarization, Electric polarization vector P	25.11.22
	Electric displacement vector D , relation	26.11.22
	between three dielectric vectors.	28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Holiday

Differential equation and its solution.

K.E. and P.E. & Example of S.H.M.

spring & mass system

Simple and compound pendulum Torsional pendulum.

Holiday

UNIT TEST - 2 PAPER - 01

Gauss Law and its Application (Infinite line of charge)

(2) Charge cylindrical conductor

(3) Infinite charge of sheet and two parallel charge

Capacitors electrostatic field energy

force per unit area of the surface of conductor.

BiRRler oscillations & helmholtz resonator

LC circuit, vibration of magnet

oscillation of two masses connecting spring

Simple harmonic motion of same frequency

UNIT Test - 2 paper - 02

Lissajous Figures

Lissajous Figures

Dielectric constant, polar & non polar dielectric

Gauss Law of dielectric

dielectric polarization

Relation between 3 dielectric vector

Dielectric susceptibility & permittivity

Polarizability and mechanism of polarization.


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Subject PHYSICS

Month November

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
	paper - 1 unit - 2	02.11.22
	stefan baltzmain Law, wiens displacement	03.11.22
	Law, Rayleigh-Jeans Law, plank	04.11.22
	quantum theory of radiation.	05.11.22
	paper - 1 unit - 3	07.11.22
	maxwell distribution of speed and velocities	08.11.22
	of in an ideal gas distinction between	09.11.22
	mean rms and most probable speed	10.11.22
	values	11.11.22
		12.11.22
	paper - 2 unit - 02	14.11.22
	optical points Common type of eye	15.11.22
	peace.	16.11.22
	paper - 2 unit - 03	17.11.22
	principal of superposition system	18.11.22
	two slit interference, coherence	19.11.22
	requirement for the sources, optical	21.11.22
	path retardations, conditions for	22.11.22
	sustained interference theory of	23.11.22
	interference thin film.	24.11.22
		25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Holiday

Stefan Boltzmann Law

Wien's displacement Law. Rayleigh-Jeans Law

Planck quantum theory of radiation.

Planck quantum theory of radiation

TEST UNIT - 2 paper - 1

Holiday

Maxwell distribution of speed

mean rms and most probable speed

Maxwell distribution of velocities

Properties of Maxwell distribution of velocities

Optimatic point

Common type of eye Ramsden eyepieces.

Common type of eye. Huygen's eyepieces.

TEST UNIT - 2 paper - 2

The principle of super position system.

The principle of super position system.

Two slit of interference.

Coherent requirement of the source

Optical path retardation.

Condition of sustained interference.

Theory of interference:

Thin film

Thin film

Newton Ring & derivation.

Michelson interferometer.



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Month November

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
	Paper - 2 unit - 2	02.11.22
	Nand gate, Nor gate, universal Gates	03.11.22
	XOR gate, XNOR gate, Demorgan's theorem	04.11.22
	Boolean Laws, simplification of	05.11.22
	Logic Circuit using Boolean algebra.	07.11.22
		08.11.22
	Paper - 2 unit - 3	09.11.22
	Free electron model	10.11.22
	Solution of one dimensional Schrödinger	11.11.22
	equation, density of state, Fermi energy	12.11.22
	Kronig-Penny model without mathematical	14.11.22
	detail, Hall effect, Langevin's theory	15.11.22
	Curie-Weiss Law, qualitative description	16.11.22
	of ferromagnetic, B-H curve, Hysteresis	17.11.22
	Loss.	18.11.22
		19.11.22
	Paper - 1 unit - 3	21.11.22
	Schrödinger equation, statistical representation	22.11.22
	of wave function, orthogonality of wave	23.11.22
	function, normalization of wave function,	24.11.22
	probability current density.	25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY	REMARK
<u>Holidays</u>	
Nand gate and NOR gate	
Universal Logic gate	
XOR and XNOR gate	
Demorgan theorem	
simplification of logic circuit using Boole algebra.	
<u>Holiday</u>	
UNIT TEST - 02 Paper - 2	
free electron model	
solution of one dimensional S.E.	
density of state and fermi energy	
Kroni penny model	
Hall effect	
Langvinin theory of diamagnetic	
Langvinin theory of paramagnetic	
Curie - weiss law.	
Qualitative description of ferromagnetic	
B-H curve.	
Hysteresis Loss	
Schrodinger equation	
time dependent schrodinger equation	
Time independent schrodinger equation.	
statistical interpretation of wave function.	
orthogonality of wave function	
normalization of wave function	
probability current density	

@Am
हस्ताक्षर प्राध्यापक

for Neetu
हस्ताक्षर प्राचार्य
Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Subject Physics practice

Month November

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.11.22
		02.11.22
		03.11.22
		04.11.22
		05.11.22
		07.11.22
		08.11.22
		09.11.22
		10.11.22
		11.11.22
		12.11.22
		14.11.22
		15.11.22
		16.11.22
		17.11.22
		18.11.22
		19.11.22
		21.11.22
		22.11.22
		23.11.22
		24.11.22
		25.11.22
		26.11.22
		28.11.22
		29.11.22
		30.11.22

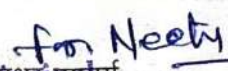
कुल कार्य दिवस 26 अवकाश 02 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

द्विचिह्न निलंबन के अंतर्गत दोहनो का अध्ययन करना ।	
ड्रॉइंग की सहायता से लेजर का तरंगदैर्घ्य ज्ञात करना ।	
ड्रॉइंग की सहायता से लेजर का तरंगदैर्घ्य ज्ञात करना ।	
LED बल्ब का अभिलक्षणिक चक्र स्वीकृत ।	
LED बल्ब का अभिलक्षणिक चक्र स्वीकृत ।	
केप्लीलीयर के अध्ययन का अध्ययन करना तथा यंग प्रत्यावर्तन गुणांक ज्ञात करना ।	
इरडशी की विवेकन क्षमता ज्ञात करना ।	
इरडशी की विवेकन क्षमता ज्ञात करना ।	
पॉइन्सन बिज की सहायता से प्रेरित L का मान ज्ञात करना ।	
NSS गतिविधि - महाविद्यालय स्वच्छता अभियान ।	
NSS गतिविधि - बालडिस्क का आयोजन (ग्राम - कोल्हपिटा)	
उच्चमान उमाजी निष्ठाप का अध्ययन करना ।	
वायु के संक्षेपण प्रसार का अध्ययन करना तथा नियत P व V पर उष्मा की विशिष्ट उष्मा $\gamma = \frac{C_p}{C_v}$ ज्ञात करना ।	
अर्द्ध तरंग डिफ्रैक्शन व पूर्ण तरंग डिफ्रैक्शन की सहायता से उर्ध्व धरु का माप ज्ञात करना ।	
NSS गतिविधि - छात्रावास जागरूकता कार्यक्रम ।	
उच्चमान उमाजी निष्ठाप का अध्ययन करना ।	
वायु के संक्षेपण प्रसार का अध्ययन करना ।	
NSS गतिविधि - पत्र दिवसीय विशेष शिविर ।	
CB मोड में शक्तिस्तर का अभिलक्षणिक चक्र स्वीकृत ।	
NSS गतिविधि - संविधान दिवस ।	
केप्लीयर उन्नयन विधि से पानी का घनत्व ज्ञात करना ।	
केप्लीयर उन्नयन विधि से पानी का घनत्व ज्ञात करना ।	
C programming - find sum of two number.	


हस्ताक्षर प्राध्यापक


हस्ताक्षर प्राध्यापक
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
	Paper-2 unit-3	02.12.22
	Lorentz local field. Clausius Mossotti	03.12.22
	equation. Debye equation.	05.12.22
		06.12.22
	Paper-1 unit-3	07.12.22
	damped harmonic oscillator. case of	08.12.22
	different frequencies. power dissipation	09.12.22
	quality factor. example forced oscillator	10.12.22
	spring and mass system.	12.12.22
		13.12.22
	Paper-1 unit-4	14.12.22
	E as an accelerating field. electron gun case of	15.12.22
	discharge tube. linear acceleration. E as	16.12.22
	deflecting field-CRO sensitivity. Transverse	17.12.22
	B field 180° deflection. mass spectrograph	19.12.22
	curvatures of tracks for energy determination	20.12.22
	principle of cyclotron mutually perpendicular	21.12.22
	E and B fields. its resolution. parallel	22.12.22
	E and B fields positive ray parabolas	23.12.22
	discriminating of isotopes.	24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

WORK DONE DURING THE DAY	REMARK
Lorentz Local field.	
classical Mossotti equation, Debye equation.	
damped harmonic oscillator.	
case of difference frequency & power dissipation.	
quality factor. force oscillator.	
spring and mass system.	
E as an accelerating field.	
Electron gun.	
Discharge tube.	
Linear Acceleration.	
E as deflecting field.	
CRO sensitivity. Transverse B field 180° deflection	
mass spectrograph curvatures of traces of every determination	
cyclotron, principle, object, working, energy.	
mutually perpendicular E and B field	
Parallel E and B field and discovery of isotopes.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination	
Half Yearly Examination.	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination.	

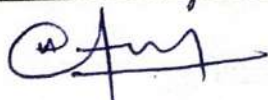

हस्ताक्षर प्राध्यापक

for Neetu
हस्ताक्षर प्राध्यापक
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month December

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
	Paper-1 unit - 3	02.12.22
	Doppler broadening of spectral line	03.12.22
	Transportation phenomena in gases	05.12.22
		06.12.22
	Paper-2 - unit - 3	07.12.22
	Newton's Ring and michelson interferometer	08.12.22
	and their application. Fabry-perot	09.12.22
	interferometer. Twyman - Green interferometer	10.12.22
		12.12.22
	Paper-1-unit - 4	13.12.22
	probability and thermodynamic probability	14.12.22
	principal of equal priori probabilities.	15.12.22
	statistical postulates. Concept of Gibbs	16.12.22
	ensemble, accessible and inaccessible	17.12.22
	state. concept of phase space	19.12.22
	equilibrium before two system in	20.12.22
	thermal contact. probability and entropy	21.12.22
	Boltzmann entropy relation, Boltzmann	22.12.22
	Canonical distribution Law and its	23.12.22
	Application.	24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

WORK DONE DURING THE DAY	REMARK
Doppler broadening of spectral line.	
molecular collisions mean free path	
collision cross section. Estimate of molecular diameter and mean free path.	
transport of mass and momentum.	
transport of mass and energy.	
Fabro-Perot - interferometer.	
Twyman - Green interferometer - .	
probability and thermodynamical probability	
principal of equal prior probabilities.	
statistical postulates	
Concept of Gibbs ensemble	
Accessible and non (in) accessible state.	
Concept of phase space.	
Equilibrium before two system.	
thermal contact probabilities and entropy	
Half yearly Examination.	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination (winter holiday)	
Half yearly Examination (winter holiday)	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	
Half yearly Examination	



हस्ताक्षर प्राध्यापक

Dr. Neety
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month DecemberSubject Physics practical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		01.12.22
		02.12.22
		03.12.22
		05.12.22
		06.12.22
		07.12.22
		08.12.22
		09.12.22
		10.12.22
		12.12.22
		13.12.22
		14.12.22
		15.12.22
		16.12.22
		17.12.22
		19.12.22
		20.12.22
		21.12.22
		22.12.22
		23.12.22
		24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

कुल कार्य दिवस 27 अवकाश 02 सम्पादित कार्य दिवस 25

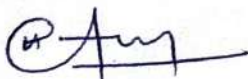
Class

Bsc - 1st year
Bsc - 2nd year
Bsc - 3rd year

WORK DONE DURING THE DAY

REMARK

कार्यक्रम - विश्व पट्टन दिवस	
कार्यक्रम - पीपीटी प्रेजेंटेशन समान शास्त्र विभाग द्वारा	→ world Ads day
NSS गतिविधि - स्वच्छता अभियान (महाविद्यालय)	→ Ppt presentation by Sociology department
जंगल की उपकरणों की सहायता से पुष्ट तनाव जात उरग।	
जंगल की उपकरणों की सहायता से मिली उब ग पुष्ट तनाव।	
C-programming find subtraction of two number.	
C-programming find subtraction of two number.	
सोलर सेल के अभिलाषणिक बन्धन का अध्ययन करना।	
सोलर सेल के अभिलाषणिक बन्धन का अध्ययन करना।	
पन.पक्ष.पक्ष गतिविधि - स्वच्छता अभियान एवं यातायात जागरूकता रैली।	
जंगल की उपकरणों से उब ग पुष्ट तनाव जात उरग।	
कार्यक्रम - कैरियर गाईड का आयोजन मा. सैलहवा।	
C-programming - multiply of two number.	
C-programming - multiply of two number.	
FET के निर्गत अभिलाषणिक बन्धन खींचना व संयुक्त वोल्टेज जात करना।	
half yearly Examination - 2022-23	
half yearly Examination - 2022-23	
half yearly Examination (2022-23)	
half yearly Examination. (2022-23)	
winter holiday	
winter holiday	
half yearly Examination (2022-23)	
half yearly Examination (2022-23)	
half yearly Examination (2022-23)	
half (yearly) Examination (2022-23)	
half yearly Examination (2022-23)	


हस्ताक्षर प्राध्यापक

for. Neetu
Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Month DecemberSubject Physics Theoretical

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 1 unit - 3	01.12.22
	postulates basic of quantum mechanics	02.12.22
	operators, expectation value. Ehrenfest	03.12.22
	theorem. transition probabilities. Application	05.12.22
	to particle in a one and three dimension.	06.12.22
	harmonic oscillator in one dim. reflection	07.12.22
	at a step potential.	08.12.22
		09.12.22
	Paper - 2 Unit - 03	10.12.22
	intrinsic and extrinsic semiconductors	12.12.22
	Concept of Fermi level, excitation	13.12.22
	and recombination of electron hole pair	14.12.22
	in semiconductor. PN Junction diode	15.12.22
	Tunnel diode, Zener diode, LED, solar cell	16.12.22
	Bipolar transistor PNP and NPN transistor's	17.12.22
	characteristic of transistor's. current	19.12.22
	Amplification factor. FET and MOSFET.	20.12.22
		21.12.22
		22.12.22
		23.12.22
		24.12.22
		26.12.22
		27.12.22
		28.12.22
		29.12.22
		30.12.22
		31.12.22

कुल कार्य दिवस 27 अवकाश 02 सम्पादित कार्य दिवस 25

Class Bsc (C) (III) year

WORK DONE DURING THE DAY	REMARK
Postulates basis of quantum mechanics.	
operators	
expectation value.	
Ehrenfest theorem.	
particle in box one dim.	
particle in box three dimensional.	
harmonic oscillator in one dim.	
reflection at a step potential.	
intrinsic and extrinsic semiconductors	
Concept of Fermi level. Combination & recombination of e.	
PN Junction diode Principle working diagram.	
Tunnel diode and Zener diode.	
LED and solar cell.	
Bipolar transistor PNP and NPN transistor.	
Current Amplification factor	
MOSFET, Types, principal working diagram	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination. (winter holiday)	
Half yearly Examination. (winter holiday)	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	
Half yearly Examination.	


हस्ताक्षर प्राध्यापक

Dr. Neety
Principal
Rani Durgavati Govt. College
Salhewara
Dist. - K.C.G. (C.G.)

Subject physics

Month January

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		02.01.2023
	Paper - 2	03.01.2023
	unit - 4	04.01.2023
	Magneto Statics	05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		16.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01 सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY

REMARK

Magnetization current and magnetization vector M

Annual sports day

Annual sports day

Three magnetic vector's and their relationship

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

Magnetic permeability and susceptibility

Diamagnetic paramagnetic and ferromagnetic surface

B-H curve

Cycle of magnetization.

Hysteresis

Hysteresis loss

Bosewell Lane

A straight current carrying conductor.

Current loop as a magnetic dipole.

राष्ट्रीय मतदाता जागरूकता दिवस (sweep)

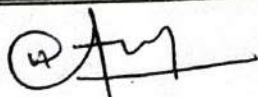
गणतंत्र दिवस

Dipole moment (Analogy with Electric dipole)

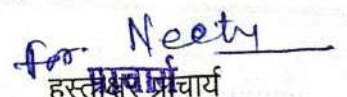
Ampere Circuital Law (Integration)

Ampere Circuital law (Differentiation)

ferromagnetic surface.



हस्ताक्षर प्राध्यापक



हस्ताक्षर प्राध्यापक
रानी दुर्गावती शास. महाविद्यालय
साहेबगंज
जिला-खैरा.-छुई.-गंडई(छ.ग.)

Month.....January.....

Subject.....Physics.....

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper-2	02.01.2023
	Unit-04	03.01.2023
	Diffraction and Polarization of Light	04.01.2023
		05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		16.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01 सम्पादित कार्य दिवस 24

मानवसिंह महाराज शिक्षा निगम
मानवसिंह
(ग.उ.) विभाग - राय - ग.उ. - ग.उ.

WORK DONE DURING THE DAY

REMARK

Types of Diffraction

Annual sports day

Annual sports day

Fresnel's diffraction

NSS CAMP (7 day)

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

NSS CAMP

Phasor diagram and integral calculus method

The intensity distribution

Zone plates diffraction due to straight edge

Fraunhofer diffraction due to a single slit

Diffraction at N-Parallel sheet

Plane Diffraction grating

polarized light and its mathematical representation

production of polarized light by reflection

refraction and scattering

राष्ट्रीय मतदाता जागरूकता दिवस (sweep)

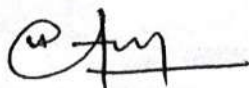
जागरूक दिवस

Polarization by double refraction.

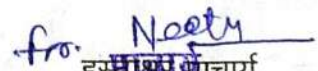
Huygen's theory.

optical activity

Fresnel's theory.



हस्ताक्षर प्राध्यापक



हस्ताक्षर प्राचार्य
 रानी दुर्गावती शास. महाविद्यालय
 साहेबगंज
 जिला-खैरा.-मुई.-गंडई (उ.प्र.)

Month January

Subject physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
	Paper - 2	02.01.2023
	Unit - 4	03.01.2023
	Semiconductor Device - II	04.01.2023
		05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		16.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01 सम्पादित कार्य दिवस 24

प्रमाणित
(ग.प.)

WORK DONE DURING THE DAY	REMARK
Half wave rectifier	
Annual sports day	
Annual sports day	
Full wave rectifier.	
NSS CAMP (7 days)	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
Rectifier efficiency ripple factor.	
Bridge rectifier	
Filter $\rightarrow$ inductor, L and π section filter	
Zener diode using regulated power supply	
Unregulated power supply.	
Bipolar Transistor as Amplifier	
h parameter equivalent circuit	
Transistor as a power Amplifier.	
Transistor as a oscillator.	
राष्ट्रीय मंदराग जागरण दिवस (Sweep)	
गणतंत्र दिवस	
Principle as oscillator.	
requirement of an oscillator.	
Wien bridge oscillator.	
Hartley oscillator.	


हस्ताक्षर प्राध्यापक

Dr. Neetu
हस्ताक्षर प्राध्यापक
रानी दुर्गावती शां. महाविद्यालय
साहेबारा
जिला-खैरा.-गुई.-गंडई (छ.ग.)

Month... January

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		02.01.2023
		03.01.2023
		04.01.2023
		05.01.2023
		07.01.2023
		09.01.2023
		10.01.2023
		11.01.2023
		12.01.2023
		13.01.2023
		14.01.2023
		15.01.2023
		17.01.2023
		18.01.2023
		19.01.2023
		20.01.2023
		21.01.2023
		23.01.2023
		24.01.2023
		25.01.2023
		26.01.2023
		27.01.2023
		28.01.2023
		30.01.2023
		31.01.2023

कुल कार्य दिवस 25 अवकाश 01

सम्पादित कार्य दिवस 24

WORK DONE DURING THE DAY	REMARK
Revision study of compound pendulum.	
Annual sports day	
Annual sports day	
C programming - division of any two no.	
NSS CAMP (7 day)	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
NSS CAMP	
MOSFET का अभिलासगिती कर रीटना ।	
Revision study parallel axis theorem of moment of Inertia.	
Revision study of vertical axis theorem of moment of Inertia	
C programming - avg of given 3 numbers	
C programming - find simple Interest.	
Revision - PN Diode	
Revision - Zener Diode	
Revision - find the firmness coefficient of given wire	
Revision - find the firmness coefficient of given wire	
राष्ट्रीय भडकता जागरूकता डिवस (Sweep)	
जागरूकता डिवस	
Revision - LED बल्ब का अभिलासगिती कर रीटना ।	
Revision - solar cell का अभिलासगिती कर रीटना ।	
find the square of given number.	
find the power of given number.	


हस्ताक्षर प्राध्यापक


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रानी दुर्गावती शास. महाविद्यालय
साल्हेवारा
जिला-खैरा.-छुई.-गंडई(उ.ग.)

Month February

Subject Physics

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1.2.23
	Paper-1 Unit 5	2.2.23
	Paper-2 unit 5	3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
		10.2.23
		11.2.23
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		23.2.23
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		27.2.23
		28.2.23

कुल कार्य दिवस 24 अवकाश 04 सम्पादित कार्य दिवस 23

नमो भगवते वासुदेवाय

WORK DONE DURING THE DAY

REMARK

Elasticity, strain and stress, elastic limit
Hooke's law Modulus of Rigidity

→ practical Main Exam
 2023 physics

Poisson's ratio, Bulk modulus, Bending moment
 Cantiliver, Young Modulus by bending of beam.
 Viscosity, Poiseuille's equation of liquid flow
 through narrow tube, Equation of continuity
 Euler Equation, Bernoulli's theorem
Viscosity fluids streamline and Turbulent

→ Practical Exam 2023
 chemistry

Poiseuille's law, coefficient of viscosity
 Stoke law, surface tension and molecular
 electromagnetic induction, Faraday Law
 electromagnetic force, Integral and difference
 form of Faraday Law
 Mutual induction and self Induction.

Transformer, Energy in a static magnetic field
 Maxwell displacement
 Maxwell equation.

Maxwell equation.
 The wave equation satisfied by $\vec{E}$ and $\vec{B}$
 Electromagnetic wave in vacuum.
Poynting vector.

NSS Meeting during


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Subject physics

Month February

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1.2.23
	paper-1 unit-5	2.2.23
	paper-2 unit-5	3.2.23
		4.2.23
		6.2.23
		7.2.23
		8.2.23
		9.2.23
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		28.2.23

कुल कार्य दिवस 24

प्रकाशजीविका मन्त्रालय किर्लोस्कर निगम

महाराष्ट्र

आ.स. (इंजीनियरिंग) - महाराष्ट्र - महाराष्ट्र

सम्पादित कार्य दिवस

23

WORK DONE DURING THE DAY	REMARK
Indistinguishability of particles and its consequence Bose Einstein & fermi dirac conditions	
Concept of partition function.	→ Practical Exam 2023 physics
Derivation of Maxwell-Boltzmann statistics Maxwell-Boltzmann statistics Bose-Einstein and fermi Dirac statistics Limit of BE and F.D. statistics to M-B statistics	
Application of BE statistics to black body radiation.	→ Practical Exam 2023 chemistry
Application of F-D statistics to free electrons Basic property of laser coherent length and coherent time spatial coherence of a source Einstein's A and B Coefficients Spontaneous and induced emissions. Condition for laser system population inversion. Ruby laser He-Ne Laser Application in communication, Holography and basis of non linear optics	
	NSS Meeting Durg


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जिला-खैरा.-छुई.-गंडई (छ.ग.)

Subject PhysicsMonth February

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
		1.2.23
	Paper-1 unit-5	2.2.23
	Paper-2 unit-4	3.2.23
		4.2.23
		6.2.23
		7.2.23
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		28.2.23

कुल कार्य दिवस 24 अवकाश 04 सम्पादित कार्य दिवस 23

प्रमाणित किया जाता है कि उपरोक्त कार्य सही प्रकार से पूरा हुआ है।

प्रमुख शिक्षक - रीतु - गीत - गीत

WORK DONE DURING THE DAY

REMARK

Basic property of nucleie mass, Radial charge, angular momentum, spin

magnetic moment, stability, Binding Energy
Liquide drop model, mass formula
shell model Types of Nuclear reactions
Laws of conservation, Q value reaction.

→ practical Exam 2023
physics

Ionization chamber, GM counter
Fundamental interaction, classification of
Elementary particle, Barions, Leptons

→ practical Exam 2023
chemistry

mesons, elementary particle quantum no.

Baryons no. Lepton no.

Half wave rectifier

full wave rectifier

rectifier efficiency, ripple factor

filter's ① Inductor filter ② LC and π filter

zener diode using regulated power supply

Bipolar transistor as a amplifier

Transistor as a power amplifier

principle of an oscillator

requirement of an oscillator

Hartley oscillator,

→ NSS Meeting Duty


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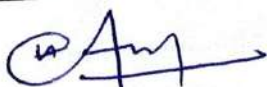
Subject PhysicsMonth February

S. NO.	WORK PROPOSED FOR THE MONTH	DATE
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कुल कार्य दिवस 29 अवकाश 04 सम्पादित कार्य दिवस 23

(स.प.) संकाय - भू-विज्ञान
 प्रो. ए. ए. शर्मा

WORK DONE DURING THE DAY	REMARK
Zero and 1st law of thermodynamic Carnot cycle	
Michelson morley experiment Cartesian and polar coordinate system. Entropy and sp diagram. Scale of temperature. Time dilation and length contraction. Zero rest mass	→ practical exam 2023 physics
	→ practical exam 2023
	→ chemistry
theory of relativity strangeness, electric charge Hypercharge and isospin Introductory idea of discovery Higgs boson's Bridge rectifier Zener diode Application of transistor h parameter, h parameter equivalent circuit Transistor as oscillator's Barkhausen's condition. Wien-bridge oscillator Wien-bridge oscillators	
	Nss Meeting Durg


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