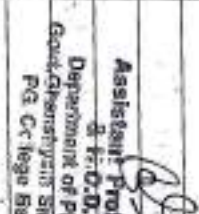


Sl	Name	Paper & Presentation Topic	Date	Guided by	Sign of student
1	Nishal kumar	Contour Integration	29-11-23	Kajal Rajput	Nishal
2	Vandana Gaud	Fourier series	29-11-23	Kajal Rajput	Vandana
3	Yamini Sahu	Inverse Matrix	03-10-23	Kajal Rajput	Yamini
4	Ritesh Kumar	Diagonalization of Matrix	03-10-23	Kajal Rajput	Ritesh
5	Manjushala	Diagonal Matrix	29-11-23	Kajal Rajput	Manjushala


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S.No.	Name	Paper & Presentation topic	Date	Guided by	Sign. of Student	Sign. of Teacher
1	Aishwarya kumar	First Order differential eq ⁿ		Kajal Rajput	Aishwarya	<i>[Signature]</i>
2	Nitya kumar	S.O.D.E with constant coefficient		Kajal Rajput	Omaj	<i>[Signature]</i>
3	Nitesh kumar	Second O.D.E. with variable Coa	02/10/23	Kajal Rajput	Nitesh, Cam.	<i>[Signature]</i>
4	Aishwarya	Introduction of Plasma.		Sargini Verma	Aishwarya	
5	Vinay sinha	Debye shielding.		Sargini Verma	Vinay	
6	Nandana Sank	Maxwell's eq ⁿ .	3/10/23	Sargini Verma	Nandana	
7	Veena.	Vector & Scalar Potential	03/10/23	Sargini Verma	Veena	
8	Manjubala.	Plasma phenomena.		Sargini Verma		
9	Hiteshwarani	Gauge transformation	03/10/23	Sargini Verma	Hiteshwarani	
10	Khushboo thakur	Four Vector.	03/10/23	Sargini Verma	Khushboo	
11	Muskan.	Synchrotron Radiation	03/10/23	Sargini Verma	Muskan	
12	Vishal	Plasma Oscillation.		Sargini Verma	Vishal	
13	Angali	Electric field drift	03/10/23	Sargini Verma	Angali	
14	Vanshika.	Gradient & drift	03/10/23	Sargini Verma	Vanshika	


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S.No	Name	Paper & Presentation Topic	Date	Graded by	Sign of student	Sign of Teacher
15	deeparsha	Maxwell's eqn		Sargun Verma	deeparsha	
16	Rishabh Thakur	Magnetic viscosity & Pressure		Sargun Verma		
17	Rishabh Kumar	Plasma phenomena	3/10/23	Sargun Verma	Rishabh	
18	Akanksha	Discrete Fourier Transform (DFT)		Kajal Rajput	Akanksha	
19	Avinav	Diff. Equations		Kajal Rajput	Avinav	
20	Chhavi	Magnetic Semic. AlN/GaN heterostructure And Magnetic Viscosity Intra Product Space	11/12/23		Chhavi	
21	Hiteshwar		08/11/23	Kajal Rajput	Hiteshwar	
22	Khushi T.	Legendre Polynomial	28/11/23	Kajal Rajput	Khushi T.	
23	Megha Thakur	Magnetic Viscosity and Magnetic Pressure	28/11/23		Megha	
24	Madhavi	Fourier Transform	28.11.2023	Kajal Rajput	Madhavi	
25	Megha Sahu	Series expansions	28/11/23	Kajal Rajput	Megha	
26	Muskan	Hermit Polynomial	27/11/23	Kajal Rajput	Muskan	
27	Piyush	Matrices		Kajal Rajput	Piyush Kumar	
28	Rahmi	1st Order differential equation Clinical & Exact	07/11/23	Kajal Rajput	Rahmi	

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S.No.	Name	Paper & Presentation Topic	Date	Invited by	Sign. of student	Sign of Teacher
29	Darshit	I eigen values and vector	29/11/23	Kajal Rajput	Neena	B
30	Veena	I Bessel function	29/11/23	Kajal Rajput	Neena	B
31	Vanidana Sinha	I orthogonal properties of Bessel function	29/11/23	Kajal Rajput	Vanidana	B
32	Vanshika Gupta	I second order linear ODE with variable coefficient	28/11/23	Kajal Rajput	Vanshika	B
33	Linear transformation Rajshree	I linear transformation	28/11/23	Kajal Rajput	Rajshree	B
34	Manas Sharma	I Cauchy Riemann Equation	28/11/23	Kajal Rajput	Neena	B
35	Angeli chandel	I Unitary and orthogonal matrix	28/11/23	Kajal Rajput	Akshara	B
36	Vandana Gaurav	III Lagrange's formula	2/12/23	Sangeeta Verma	Vandana	B
37	Nitesh Gaur	III curvature drift	01/12/23	Sangeeta Verma	Nitesh Gaur	B
38	Bhenuka Sahu	III Angular distribution	01/12/23	Sangeeta Verma	Bhenuka	B
39	Yamini Sahu	III		Sangeeta Verma		B
40	Avirat Yadav	III Symmetrical	01/12/23	Sangeeta Verma	Avirat	B
41	Neelha (Chandika)	III Fundamental of magnetism	1/12/23	Sangeeta Verma	Neelha	B
42	Rashmi Gajendra	III motion of charged particle in electromagnetic field	1/12/23	Sangeeta Verma	Rashmi	B

Paper - II

Classical Mechanics

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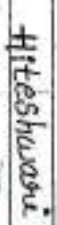
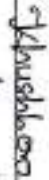
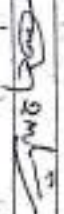
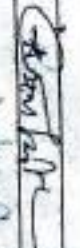
S.No.	Name	Paper & Presentation type	Date	Guided by	Sign of student	Sign of Teacher
01.	Rakanksha Shandilya	II Definition of hamiltonian The hamiltonian canonical eqn of motion.	30/10/23		Aparna	Aparna
02.	Abhijat	II Physical significance of hamiltonian and advantage of hamiltonian approach.			Abhijat	Abhijat
03.	Aishwarya Kumar	II Deduction of canonical eq ⁿ from Variational Principle	20/11/23		Aishwarya	Aishwarya
04.	Anjali	II Legendre transformation and Hamilton's equations of motion	30/11/23		Anjali	Anjali
05.	Axiraj Yadav	II Cyclic coordinates with example			Axiraj	Axiraj
06.	Bhenuka Sahu	II Conservation Theorems on cyclic coordinate	30-11-23		Bhenuka	Bhenuka
07.	Bhuvika	II Hamilton's equation from Hamilton's principal	31-10-23		Bhuvika	Aparna
08.	Chhavi	II The principle of least action	30/11/23		Chhavi	Chhavi
09.	Devprabha	II Proof of Principle of least action	29/11/23		Devprabha	Devprabha

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S. No.	Name	paper	presentation topic	Date	Guided by	Sign of student	Sign of Teacher
10.	Devvrat	II	App. of Hamilton's eq ⁿ of motion in Simple Pendulum.	23/11/2023			
11.	Gaotima	II	App. of Hamilton's eq ⁿ of motion in compound Pendulum.				
12.	Himanshu	II	App. of Hamilton's eq ⁿ of motion in two dimensional isotropic harmonic oscillator.				
13.	Hiteshvarni	II	Application of Hamilton's eq ⁿ of motion is (i) Linear Harmonic Oscillator (ii) for a charged particle of an E.M.F.	23/11/2023			
14.	Khushboo Mahabadi	II	Application of Hamilton's eq ⁿ of motion in particle in a central field of force.	01/12/23			
15.	Khushbu Thakur	II	Canonical or Contact Transformation.	23/11/23			
16.	Madhusri	II	Generating function - first and second form	30/11/2023			
17.	Manas Sharma	II	Generating function - third and fourth form.	11/12/23			

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PG College, Baid

Name	Paper	PPT Topic	Date	Guided by	Sign of Student	Sign of Teacher
18. Manjibala	II	(i) Advantage of canonical transformation (ii) Show the canonical transformation				
19. Megha (Mrs. Chhabilashwari)	II	Example of canonical transformation	20-11-23	S. S. Rana		
20. Megha (Mrs. Jagdev)	II	Canonical transformation condition	23/11/23			
21. Mohindara Pal Sabira	II	Infinitesimal contact transformation	1/12/2023		Mohindara pal.	
22. Muskan	II	Poisson Brackets - definition and properties.	23/11/23			
23. Nandkishor Pandit	II	Equation of motion in Poisson Bracket form				
24. Nitesh Kumar	II	Jacobi's identity : Jacobi's Poisson theorem.	30/11/2023		Nitesh Kumar.	
25. Piyush Kumar	II	Conservation theorems in the Poisson Bracket formulation.				
26. Rajshree	II	Hamilton - Jacobi Method	30/11/23		Rajshree	

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Name	Paper	PPT Topic	Date	Guided by	Sign of Student	Sign of Teacher
27. Rakesh Kumar	II	Sol ⁿ of Hamilton - Jacobi Equation	30/11/23			
28. Rashmi Gajendra	II	Sol ⁿ of Harmonic oscillator problem by Hamilton - Jacobi method	30/11/23			
29. Ritash Kumar	II	The H-T eq ⁿ of Hamilton's characteristic function (w)	30/11/23			
30. Rupali	II	Action and Angle variables.				
31. Vandana Gaude	II	Sol ⁿ of harmonic oscillator problem by action-angle variable method.	30/11/23			
32. Vandana Sinha	II	Euler's eq ⁿ of motion of rigid body.	30/11/23			
33. Vanshika Gupta	II	Euler's angle for rigid body.	30/11/23			
34. Vena	II	Angular momentum of rigid body	30/11/23			

Name	Paper	P.T. Topic	Date	Guided by	Sign of Student	Sign of Teacher
35. Vidya	II	The Coriolis force	30-11-23			
36. Vinay Kumar	II	Rotational kinetic energy of a rigid body.				
37. Vishal Kumar	II	The Eigen-value eq ⁿ and the principal axis transformation	30/11/23			
38. Yamini	II		30-11-23			

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Paper - IV Electronics

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No.	Name	Paper	PPT Topic	Date	Guided by	Signature of Student	Signature of Teacher
1.	Aakansha						
2.	Abhishek						
3.	Aishwarya						
4.	Angali		Multiplexer and Demultiplexer	20/11/23	Dr. H. O. S.		
5.	Anirudh Kumar	TV	Differential Amplifier	20-11-23	Dr. H. O. S.		
6.	Bhenuka						
7.	Bhenuka						
8.	Chhavi						
9.	Devprabha	A IV	Addressing modes of 8085 micro processor	20-11-23	Dr. H. O. S.		
10.	Devraj	IV	Shift register	20-11-23	Dr. H. O. S.		
11.	Garima						
12.	Himanshu						
13.	Hiteshwar	IV	Bipolar (Saturated Logic) [CETL]	20/11/23	Dr. H. O. S.		

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Govt. Ghanshyam Singh G. College, Barod

S. No.	Name	Paper	P.T. Topic	Date	Guided by	Sign of student	Sign of Teacher
14	Khushboo Mahapatra			20/11/23		Khushboo	
15	Khushbu Thakur	IV	Unipolar Logic Family	20/11/23		20/11/23	
16	Madhuri	IV	WAVE FORM GENERATOR	20/11/23		20/11/23	
17	Manas Sharma	IV	Boolean Algebra	22/11/23		22/11/23	
18	Manjibala						
19	Megha (Mr. Chhabildas)	IV	Decoder	20/11/23		20/11/23	
20	Megha (Mr. Jagdev)	IV	Electronic analog Computation	20/11/23		20/11/23	
21	Mahindara Pal Sahas	IV	Integration & Differentiation OP-AMP	22/11/23		22/11/23	
22	Muskan	IV	Subtractor wave generator	20/11/23		20/11/23	
23	Nandkishor						

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S. No.	Name	Paper	P.T. Topic	Date	Carried by	Sign of Student	Sign of Teacher
24	Nitesh Kumar			21/11/23		Nitesh Kumar	
25	Piyush Kumar						
26	Rajshri	IV	memory computer	21/11/23		Rajshri	
27	Rakesh Kumar	IV	ESL/EL/OL				
28	Rashmi		Square wave Generator	21/11/23		Rashmi	
29	Ritesh Kumar		Multiplexers and De-multiplexers	21/11/23		Ritesh Kumar	
30	Rupali					Rupali	
31	Vandana Gade	IV	Number system	21/11/23		Vandana Gade	
32	Vandana Singh	IV	Parameters of OP-Amp.	21/11/23		Vandana	
33	Vanshika	IV	Instruction set of 8085	21/11/23		Vanshika	
34	Veena		Basic Op-Amp. differential amplifier	21/11/23		Veena	
35	Vidya			21/11/23		Vidya	
36	Vinay Kumar	IV	Addressing mode in 8085			Vinay	
37	Vishal Kumar	IV	Op-Amp	21/11/23		Vishal	

S. No.	Name	Paper	PPT Topic	Date	Guided by	Sign of student	Sign of Teacher
38.	Yamini	IV	Logic Gate.	21/11/23		Yamini	
1	Aishwarya Kumar	III	Three terminal Transistors	13/02/24	R.D. Sir	Aishwarya Kumar	
2	Arvind Yadav	III	UJT	13/02/24	R.D. Sir	Arvind	
3	Nishal Kumar	III	Non linear optics	—/—/—	—/—/—	Nishal	
④	Ritesh Kumar	III	LED (Light Emitting Diode)	—/—/—	Dr. R.D. Sahu Sir	R.D.	
5	Anjali Chandel	III	Schottky diode	14/02/24	Dr. R.D. Sahu Sir	Akshay	
6	Ahishwasi	III	CCD's	24/02/24	Dr. R.D. Sahu Sir	Firha	
7.	Khushi Thakur	III	Tunnel diode	14/02/24	Dr. R.D. Sahu Sir	Aradhya	
8.	Shweta Sahu	III	Field controlled Vgtristors	19/02/24	Dr. R.D. Sahu Sir	R.D.	
9	Devesh	III	MIS and MOS diode	24/02/24	Dr. R.D. Sahu Sir	Aradhya	
10	Rajesh	III	P-N Junction Solar cells	15/02/24	Dr. R.D. Sahu Sir	Rajesh	
11	Madhuri	III	IMPATT Diode	13/02/24	Dr. R.D. Sahu Sir	Aradhya	

SN	Name	Paper	PPT Topic	Date	Guided by	Sign of student	Signature of Teacher
12	Deepabha	III	MOSFET	16-02-24	Dr. RD Sahusir	<u>Deepabha</u>	<u>[Signature]</u>
13	Amishika	III	Magneto optic effect	16-02-24	Dr. RD Sahusir	<u>Amishika</u>	<u>[Signature]</u>
14	Rashmi	III	Hetero junction	16-2-24	Dr. RD Sahusir	<u>Rashmi</u>	<u>[Signature]</u>
15	Vandana Singh	III	Fleetro Optic	16-2-24	Dr. RD Sahusir	<u>Vandana</u>	<u>[Signature]</u>
16	Anshika	III	Thyristor	17/02/24	Dr. RD Sahusir	<u>Anshika</u>	<u>[Signature]</u>
17	Nitesh Dam	III	Photo diode	17/02/24	Dr. RD Sahusir	<u>Nitesh Dam</u>	<u>[Signature]</u>
18	Muskan	III	Photo detector	17/02/24	Dr. RD Sahusir	<u>Muskan</u>	<u>[Signature]</u>
19	Neha	III	Radiative transition	17/02/24	Dr. RD Sahusir	<u>Neha</u>	<u>[Signature]</u>
20	Chhanna	III	MESFET	17/02/24	Dr. RD Sahusir	<u>Chhanna</u>	<u>[Signature]</u>
21	Mohandas Pat	III	Visible & Invisible laser	17/02/2024	Dr. RD Sahusir	<u>Mohandas Pat</u>	<u>[Signature]</u>
22	Yamini	III	LED	20/02/24	Dr. RD Sahusir	<u>Yamini</u>	<u>[Signature]</u>
23	Vidya Sahu	III	Photo luminescence	20/02/24	Dr. RD Sahusir	<u>Vidya</u>	<u>[Signature]</u>
24	Veena	III	Acoustic optic effect	20/02/24	Dr. RD Sahusir	<u>Veena</u>	<u>[Signature]</u>
25	Shamika	III	TEET	24/02/24	Dr. RD Sahusir	<u>Shamika</u>	<u>[Signature]</u>

SN	NAME	Paper-III	PPT Topics	Date	Guided by	Sign of student	Sign of teacher
26	Mangubala	III	GIJNN DIODE	21/02/24	Dr. R.D. Sahu	Higalot	
27	Megha Thakur	III	Interface Thin film Solar Cell	21/02/24	Dr. R.D. Sahu	Dr. R.D. Sahu	
28	Piyush	III	Solar cells	21/02/24	Dr. R.D. Sahu	Dr. R.D. Sahu	
29	Winy Kymen	III	Electroluminescence	21/02/24	Dr. R.D. Sahu	Dr. R.D. Sahu	
30	Rupali	III	Numeric display	21/02/24	Dr. R.D. Sahu	Rupali	
31	Vardana Inande	III	Optical modulators and display	21/02/24	Dr. R.D. Sahu	Dr. R.D. Sahu	
32	Krushnakant	III	Types of MOSFET	21/02/24	Dr. R.D. Sahu	Dr. R.D. Sahu	
Principal Govt. Chhatrapati Singh Gupat P.G. College, Balid (C.G.) 				Assistant Professor Department of Physics Govt. Chhatrapati Singh G. up P.G. College-Balid 			

Quantum Mechanics

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S.No	Name	Paper	PPT Topic	Date	Graded by	Sign of Student	Sign of P.T.
01.	Ankusha	I	Planck Quantum Hypothesis	20.02.24	Kajal Rajput	Ankusha	
02.	Aishwarya	I	Einstein's theorem	20.02.2024	Kajal Rajput	Aus	
03.	Arjali	I	One Dimensional Matter and Boundaries	19.03.24	Kajal Rajput	Arjali	
04.	Avinal	I	Compton effect Parity.	22-05-24	Kajal Rajput	Avinal	
05.	Bhremika	I	Schrodinger Equation for Harmonic Oscillator	19/03/24	Kajal Rajput	Bremika	
06.	Bhumika	I	Super position Theorem	02.05/24	Kajal Rajput	Bhumika	
07.	Chhanni	I	Dirac Delta Function	13/04/24	Kajal Rajput	Chhanni	
08.	Devprabha	I	Matrix Representation of Matrix 3-D Potential well.		Kajal Rajput	Devprabha	
09.	Devanshi	I	Harmonic Oscillator and Its Solution by Matrix Method	12/04/24	Kajal Rajput	Devanshi	
10.	Hiteshwarini	I	Normalization of Eigen Function	21/03/24	Kajal Rajput	Hiteshwarini	
11.	Khashboo MAHATEL	I	Heisenberg Equation of Motion	02.05.24	Kajal Rajput	Khashboo	
12.	Khashba Thakur	I	Time Independent Perturbation theory	21.03.24	Kajal Rajput	Khashba Thakur	
13.	Madhuri	I	First and Second Order Perturbation	21.03.24	Kajal Rajput	Madhuri	
14.	Manas	I	Zeman Effect	21.03.24	Kajal Rajput	Manas	

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S.No.	Name	Paper	PPT Topic	Date	Guided by	Sign of Student	Sign of
15.	Mangubala	I	Bound State Perturbed Energy Levels	02/05/24	Kajal Rajput	Hugaran	B
16.	Megha	I	Stark Effect in Hydrogen	→	Kajal Rajput	ABSENT	B
17.	Megha Sahu	I	Connect Eigen Function Bra or Ket Notation.	02/05/24	Kajal Rajput	ABSENT	B
18.	Mohinder Pal Sahni	I	De Broglie Theory	02.05.24	Kajal Rajput	Mohinder Pal	B
19.	Muskan	I	Central Force	↔	Kajal Rajput	ABSENT	B
20.	Nand Kishor Pandit	I	Square Well potential in 3D	↔	Kajal Rajput	ABSENT	B
21.	NTESH KUMAR	I	Spherical Symmetry Potential in 3D	↔	Kajal Rajput	ABSENT	B
22.	Pyush kumar	I	Solution of Radial Equation	02-05-24	Kajal Rajput		
23.	Rajesh	I	Clebsch Gordon Coefficient	21/03/24	Kajal Rajput	Rajesh	B (134)
24.	Rashmi Gajendra	I	Commutation Relationship Harmonic Oscillation	21-03-24	Kajal Rajput	Rashmi	B (13)
25.	Ritesh Kumar	I	Spin Angular Momentum	01-05-24	Kajal Rajput	R	B (14)

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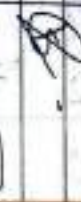
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P.G. College Raipur

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S.No	Name	Paper	PPT Topic	Date	Guided By	Sign of student	Sign of Pro.
26.	Rupali	I	Pauli Principles	21.03.24	Kajal Rajput	Rupali	
27.	Vandana Guptha	I	Addition of Angular Momentum	08.05.24	Kajal Rajput	Vandana	
28.	Vandana Sinha	I	Stationary State Wave Function	01.05.24	Kajal Rajput	Vandana	
29.	Vanshika Gupta	I	Admissible Wave Function	19.03.24	Kajal Rajput	Vanshika	
30.	Veena	I	Permanent Electric Dipole → H-atom atom-solu of Radial eqn	12/04/24	Kajal Rajput	Veena	
31.	Vidya	I	Angular Momentum in Quantum Mechanics	22.03.24	Kajal Rajput	Vidya	
32.	Vinay Kumar	I	Uncertainty Relation	19.03.24	Kajal Rajput	Vinay	
33.	Vishal Kumar	I	Photoelectric Effect	20.02.2024	Kajal Rajput	Vishal	
34.	Yamini	I	Continuity Equation	21.3.24	Kajal Rajput	Yamini	


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Computational method & programming

Date			
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29/08/2024 to 02/09/2024

Sr. No.	Name of Student	Page	PPT Topic	Date	Guided by	Signature of Student	Signature of Prof.
01.	Akanksha Shandilya	IV	Digital Computer Principles		Mr. S.K. Rana	<i>[Signature]</i>	<i>[Signature]</i>
02.	Aishwarya Ka	IV	Compiler	30/04/24		<i>[Signature]</i>	<i>[Signature]</i>
03.	Angali	IV	Inter Process	29/04/24	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
04.	Arival Yadav	IV	Windows Operating system	30/04/24	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
05.	Bharmika Sahu	IV	Linux Operating system	30/04/24	S.K. Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
06.	Charmi Chandra	IV		30/04/2024	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
07.	Charvi	IV	Flow chart			<i>[Signature]</i>	<i>[Signature]</i>
08.	Deepaksha Dandagan	IV	Integer & Floating point	30/04/24	Mr. S.K. Rana	<i>[Signature]</i>	<i>[Signature]</i>
09.	Devast	IV	Arithmetic Expression	30/04/24	Mr. S.K. Rana	<i>[Signature]</i>	<i>[Signature]</i>
10.	Hiteshwar	IV	Built in function	28/04/24	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
11.	Kushagra Mahapatra	IV	Executable and non executable statements	29/04/24	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
12.	Kushagra Thakur	IV	Input output statement	29/04/24	Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
13.	Madhuri	IV	Subroutines and function	30/04/24	Mr. Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>
14.	Manas Sharma	IV	Main Features of function and subroutines		Mr. Rana Sir	<i>[Signature]</i>	<i>[Signature]</i>

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Sr. No.	Name of Student	Paper	P.T. Topic	Date	Graded by	Signature of Student	Signature of Grb.
15.	Mangubala	IV	Subraman	05-24	S.K. Pand	Signature	Signature
16.	Megha	IV	polisher				
17.	Megha (Sahabishu)	IV	function subprogram	05-24	Mr. Roha Sir	Signature	Signature
18.	Mahendar Pal Sahiro	IV	Common statement	05-24	S.K. Pand	Signature	Signature
19.	Muskan	IV					
20.	Nandkishor Pandit	IV					
21.	Nitesh Kumar	IV	Equivalence statement	05-24	S.K. Pand	Signature	Signature
22.	Piyush Kumar	IV					
23.	Rajshree	IV					
24.	Rashmi Gajendra	IV	Runge-Kutta Method	05-24	Mr. Roha Sir	Signature	Signature
25.	Ritesh Kumar	IV	Runge-Kutta Method	05-24	Prof. Santosh Bana Sir	Signature	Signature
26.	Rupali	IV					
27.	Vandana Gaud	IV	WAP Matrix multiplication	05-24	ASSC. Santosh Bana Sir	Signature	Signature
28.	Vandana Sinha	IV	Taylor Series	05-24	S.K. Pand	Signature	Signature

Date		
Page No.		

Date		
Page No.		

Date		
Page No.		

Date		
Page No.		

Sr. NO.	Paper	Name of Student	P.T. Topic	Date	Graded by	Signature of Student	Signature of P.T.
29.	IV	Yashika Gupta	Picard method	29/04/24	S.K. Rana	Namshikha	
30.	IV	Yeema	Milne method (Predictor-corrector method)	29/04/24	Santosh Kumar Rana (CNP)	Neena	
31.	IV	Vidya				Vinay	
32.	IV	Vinay Kumar	Gaussian three point formula	30/04/24	S.K. Rana	Vinay	
33.	IV	Vishal Kumar	Explain and write to find the factorial of a given number	29/04/24	S.K. Rana	Aditi	
34.	IV	Yamini	Euler's method	30/4/24	S.K. Rana	Yamini	

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Paper- IV II

Statistical Mechanics

Date			
Page No.			

Roll No.		
Page No.		

Date		
Page No.		

S. No.	Paper Name of student	PPT Topic	Date	Guided By	Signature of student	Signature of Pro.
01	II. Aikasha	Microscope & Microscopic state	20/05/24	Sangeeta Verma	Akanksha	Sangeeta
02	Aishwarya					
03	VI. Anjali	Physical significance of phase	20/05/24	Vernam Mani	Abhishek	Sangeeta
04	II. Anirudh	Thermodynamic properties	30/4/24	Vernam Mani	Abhishek	Sangeeta
05	II. Bhavika	Entropy mixing & Gibbs Paradox	20/05/24	Sangeeta Verma	Sangeeta Verma	Sangeeta
06	Bhavitika					
07	II. Chhavi	Laws of Thermodynamics	11/05/24	S. Verma	Chhavi	Sangeeta
08	II. Deepak	Quantum State & Phase	21/05/24	Sangeeta Verma	Sangeeta Verma	Sangeeta
09	II. Devesh	Thermodynamic ensemble	20/4/24	S. Verma	Sangeeta Verma	Sangeeta
10	IV. Hitesh	Partition Function	20/04/24	Sangeeta Verma	Hitesh	Sangeeta
11	II. Khushi	Physical quantity of state	20/05/24	Sangeeta Verma	Khushi	Sangeeta
12	II. Khushi Thakur	Example of classical system	20/04/24	Sangeeta Verma	Sangeeta Verma	Sangeeta
13	II. Madhu	Energy and Energy density	21/05/24	Sangeeta Verma	Madhu	Sangeeta
14	II. Manas Sharma	Correspondence between wavefunctions	20/04/24	mti Sangeeta	Manas Sharma	Sangeeta

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2015	2016

S. No.	Paper Name of student	PPT Topic	Date	Guided by	Signature of student	Signature of Pro.
15.	Manjushala	Quantum mechanical ensemble theory	1-5-24	Sangeeta Verma		Sangeeta
16.	Megha					
17.	Megha (Sahu)	Statistics of various Ensembles.	01-05-24	Sangeeta Verma		Sangeeta
18.	Mohindanpat	Maxwell Boltzmann Statistics	02/05/24	Sangeeta Verma	Mohindanpat	Sangeeta
19.	Muskan					
20.	Nandkishor					
21.	Nitesh	Bose Einstein Statistics	01/05/2024	Sangeeta Verma	Nitesh, Day	Sangeeta
22.	Piyush	Fermi Dirac Statistics	01/05/24	Mrs. S. Verma	पियूष कुमार	Sangeeta
23.	Rajshree					
24.	Rashmi	Thermodynamic behavior of an ideal Bose gas	05/05/2024	Mrs. S. Verma	Rashmi	Sangeeta
25.	Ritesh	Bose Einstein Condensation	30/04/24	S. Verma, Mem		Sangeeta
26.	Rupali	Thermodynamic ideal fermi gas		Sangeeta Verma	Rupali	Sangeeta
27.	Vandana	Electron gas	02/05/2024	S. Verma mem	Vandana	Sangeeta
28.	Vandana Singh	Ensemble	04/05/24	S. Verma, Mem	Vandana Singh	Sangeeta

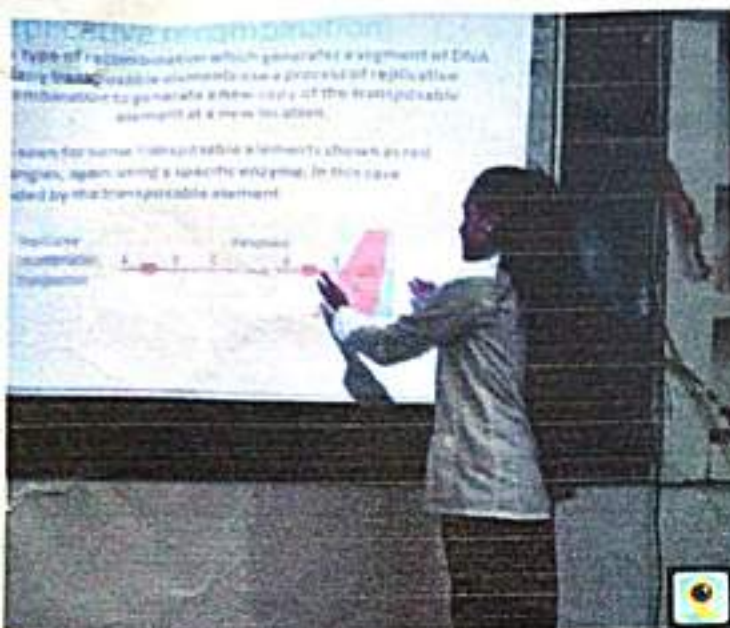
Department of Physics
Sangeeta Singh
Pro. College, Sateed

S.No.	Paper	Name of Student	Date	Guided by	PPT Topic	Signature of student	Signature of pro.
29.	II	Nanshika	18/04/2024	Sanjiv V.	White Dwarf stars	Nanshika	Sanjiv
30.	II	Veena	01/05/2024	Sanjiv V.	cluster expansion	Veena	Sanjiv
31.		Vidya					
32.	II	Vinay	01/05/24	Sanjiv V.	Phase Transition	Vinay	Sanjiv
33.	Paper II	Vishal	30/04/24	Verna	Thermodynamics Fluctuations	Vishal	Sanjiv
34.	Paper II	Jamini	2/05/24	Sanjiv V.	spatial correlation in a fluid Brownian motion	Jamini	Sanjiv

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gali Number 1, Ward number 15, Jurri Para Rd, near
Road, Chhattisgarh 491226, India

Lat 20.717652°

Long 81.187982°

19/10/23 02:01 PM GMT +05:30



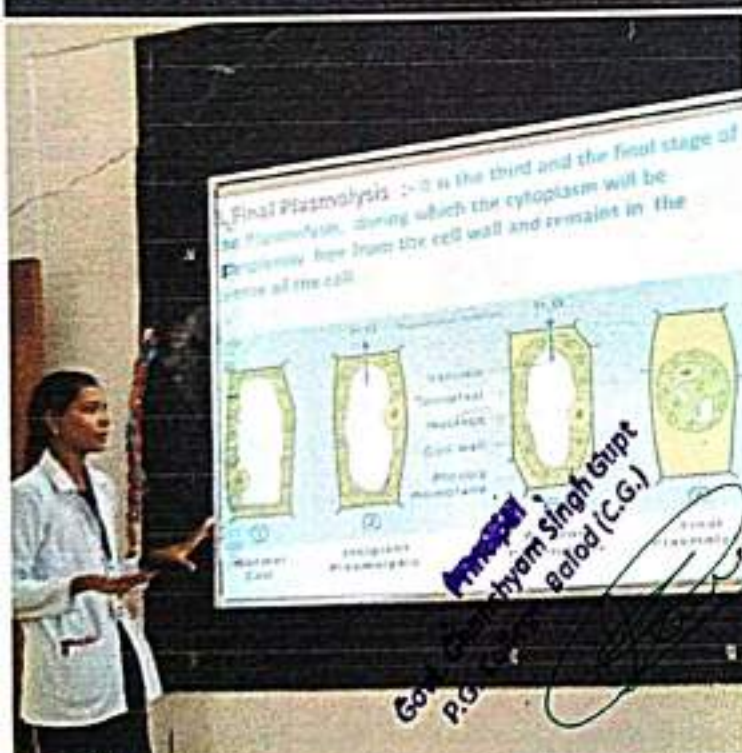
Balod, Chhattisgarh, India

gali Number 1, Ward number 15, Jurri Para Rd, near b
Road, Chhattisgarh 491226, India

Lat 20.717659°

Long 81.188013°

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P59Q+CMV Balod Jail, Balod Lohara Rd, Balod, C

Lat 20.717892°

Long 81.191117°

14/03/24 11:50 AM GMT +05:30



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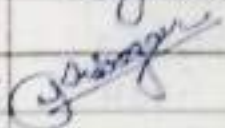
G.B.O.P.O. College Balod, Durg Dall-Bahara Rd, Balod,
Chhattisgarh 491226, India

Lat 20.717883°

Long 81.191336°

06/04/24 11:07 AM GMT +05:30

Paper - I cytology
M. Sc. Botany 2023-24
1st semester

S. N.	Name	Presentation Topic	Date	Signature
1	YOGESH KUMAR	Mitochondria	22/09/2023	
2	KHUMESH KUMAR	Febr Technique in cell biology	22/09/2023	Khumes
3	LUXMI	Compound Microscope	22/09/2023	Luxmi
4	Khemin	Structure Organization of the plant cell	23/09/2023	Khemin
5	Amazika Sinha	Golgi Apparatus	23/09/2023	Amika
6	Bhatee	Plasma Membrane	23/09/2023	Bhatee
7	Shashibala	Mitochondrial DNA	23/09/2023	Shashibala
8	Mithleshwari	Chloroplast Genome Organization.	26/09/2023	Mithleshwari
9	Annan	Isolation of chloroplast	26/09/2023	Annan
10	Uphkan Srivastav	Cell Dynamics and Types of cell	26/09/2023	Uphkan
11	Dhanaj shukla	Specialized Plant cell Types.	26/09/2023	Dhanaj
12	Mithleshwari	Chloroplast genome organization	26/09/23	Mithleshwari
13	Annan Kumar Yadav	Isolation of chloroplast	26/09/23	Annan
14	Riya Chandrakar	Plasma Membrane Ion Channels	27/09/23	Riya
15	Dhaneshwar	MPsomes Parts, types & application	27/09/23	Dhaneshwar

15	Hemraj Sahu	development of embryo	21/9/23	11 Datta	29	Ekant	Programmed cell death	15/10/23	12/10/23
16	Harsha Gaur	chloroplast structure and function	27/9/23	Emu	20	Deepika Sahu	Microbodies	16/10/23	Deepika
17	Siddhant Sahu	prokaryotes and eukaryotes	23/09/23	Siddhant	21	Blumini Sahu	Apoptosis	16/10/23	Basu
18	Radhani Thakur	Rheosome structure and function	22/09/23	Radhani	22	Baham Sahu	Cytoskeleton of cell wall	16/10/23	Basu
19	SANTOSHI GALEMPARA	Control of cell cycle	20/10/23	Santanu	23	Bhavana	Chloroplast gene expression	16/10/23	Bhavana
20	MONIKA THAKUR	Mitosis	02/10/23	Abhishek	24	Bhagya Kumari	Plant pigmentation	16/10/23	Bhagya
21	ANURAGSHIN PATIL	Meiosis	20/10/23	Arif	25	ANITA	Prokaryotic cell	16/10/23	Arif
22	Shankha Thakur	Electron microscope	04/10/23	Shankha	26	Mishra	Cell plate formation	16/10/23	Mishra
23	Bhagya Kanteke	Plant vacuole	04/10/23	Ramya	27	Tanisha Sahu	Prokaryotic cell	16/10/23	Tanisha
24	KRISHNA	Study of mitotic Index	04/10/23	RP	28	Kusum Nishad	Plastid	16/10/23	Kusum
25	Arif		05/10/23		29	Sandhya	Isolation of Nucleus	16/10/23	Sandhya
26	TIJANSHU LOHAR	ATPase transporter as a storage organelle	05/10/23	Aranya	30	Aranya	Cytology	16/10/23	Aranya
27	PRITI	Scanning electron microscope	05/10/23	Tanisha	31	Mallik	Nucleolus	17/10/23	Mallik
28	VENU	Microscope	05/10/23	Tanisha	32	Monika Sahu	In situ hybridization	17/10/23	Monika
29	PATEL	Endoplasmic reticulum	13/10/23	Neel	33	Gauri	Types of Ribosome	17/10/23	Gauri
30	Madhu Sahu	Advances of Cytology	13/10/23	Aranya	34	Gauri		17/10/23	Gauri
31	Tanishu Gaur	Prokaryotic cell	13/10/23	Tanishu	35	Komal	Amphibian	17/10/23	Komal

45 Evolution from sea water. Evolution of eukaryotes 17/10/2023 Q.1

46 Control of plant cell Death. (PCD) 17/10/2023 अमरगुप्त

47 Frickel's cell history 17/10/2023 False

48 Ruppel's Receptor 17/10/2023 Rubulosa

49 MEETI Role of cyclin dependent kinases. 17/10/2023 Bhargava

50 Kanchari Isolation of mitochondria 17/10/2023 Kanchari

51 Mohal Nucleosome 18-10-2023 ATM 2. What does the golgi complex secrete?

52 Bhambha Development of microscope 18/10/2023 Bhambha

53 Bhambha The Dynamic Cells 18/10/2023 Bhambha 3. Plasma Membrane both enzyme name?

54 Bisht Nucleus 18/10/23 Pisht 4. Protein synthesis enzyme name?

55 5. Function of plasma membrane?

56 6. What is matrix?

57 7. What function of mitochondrial DNA?

58 8. ATP formation provides name?

9. In which year was mitochondria discovered?

10. What is osmotic and then functioning?

CROSS QUESTION

Date-22/10/23

प्रिया गुप्ता

Prubhly
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14. What is Genome Organization?

मनुष्य
हार्डि

15. What is vacuole?

मनुष्य
मोक्ष

16. Give chemical composition of cytoplasm?

मनुष्य
मोक्ष

Date: 05/10/2023

17. Define the cell cycle diagram?

18. Functions of enzyme?

19. What is DNA synthesis?

20. Define the phases?

21. Define the spindle fiber?

22. Describe the chromosome number of *Antirrhinum*?

23. What is chiasmata?

24. Vacuum chamber?

25. What is CL and its work?

26. What is TEM structure?

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आनंदास

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27. What is SEM structure?

28. Discovery of vacuole?

29. What is Tonoplast?

30. What is Lacune vacuole?

31. What is Tonoplast?

32. What is vacuole function?

33. What is Jellin function?

Date: 05/10/2023

34. What is opson?

35. What is N1 and N2 and give the main function?

36. What is Axien?

37. What is structure (microfilament)?

38. Date: 16/10/23

39. Microbacteria - what is a unit membrane & single membrane structure?

40. Function of microbacteria -

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Date
17/10/23

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Page No.	

Page No. - II - Genetics

Page No.	
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Q3) What is the
electrostatic
attraction?

शक्ति आकर्षण
- रासायनिक

Q4) Mechanism of
crossing over?

Q5) Segregation theory
new for alleles

Q6) what is Eukaryotic?

Q7) what is to 8, 80's

Q8) what is fibrous function

Q9) what is fibrous function

Date - 19/10/23

Q1) what is the use of
electrophoresis in tissue culture

Q2) In which part of body
is present.

Q3) what is diagenesis, autolysis and organics.

Date - 28/10/23 (Peyou - II)

Q4) what is phenology type.

Q5) what is serology

Q6) what is karyogeny

1) Immunology Crossing over 17/10/23 Arisha

2) Alkankulwadi - Ribos Nucleolus and rRNA Genes 17/10/23 Arisha

3) Alkankulwadi - Chromatin and heterochromatin 17/10/23 Alkankulwadi

4) Ghare Modern Genetics 17/10/23 Ghare

5) Ankan Kumar Genetic Markers 17/10/23 Ankan

6) Balaram Chromosomal aberration 21/10/23 Balaram

7) Bharami Recombination 03/11/23 Bharami

8) Bharami Mendelian Genetics 30-10-2023 Bharami

9) Bharami Chromosome structure and function 20/10/23 Bharami

10) Chandrapal - - - - - Chandrapal

11) Deepika Banding Pattern of chromosome 2/11/2023 Deepika

12) Dharmeshwar Molecular mechanism of Recombination 18/10/23 Dharmeshwar

13) Dipankar Transfer of whole genome 23/11/23 Dipankar

14) Ekant Linkage group 18/10/23 Ekant

15) Gayatri lampbrush chroma- some 20/10/23 Gayatri

19) Gurin	Thermal Denaturation of Virus	29/12/23	Gurin
20) Gendral	Polyploidy	21/12/23	Gendral
21) Gendral	Interests	21/11/23	Gendral
22) Hempa	Molecular Organisation of Enzyme	28/10/23	Hempa
23) Kandan	Role of Enzymes in Recombination	21/10/23	Kandan
24) Kandan	Specialized Types of Chromosomes	29/10/23	Kandan
25) Kuleshwar	hbs conf	—	—
26) Kuleshwar	Linkage	19/10/23	Kuleshwar
27) Kusan	B-Chromosomes	29/12/23	Kusan
28) Lata	hbs conf	—	—
29) Laxmi	Electroporation	19/10/23	Laxmi
30) Mathu Sahu	Packing of DNA	19/10/23	Mathu
31) Malti	hbs conf	—	—
32) Mithalshwar	Selection of Virus	02/11/23	Mithalshwar
33) Monika	Classical Genetics	20/10/23	Monika

34) Monika Sahu	Telomere	21/12/23	Monika
35) Mustakim	Pepper Chromosome	10/10/23	Mustakim
36) Padmini	Mendel's Law	20/10/23	Padmini
37) Pavan Kumar	Abs	—	—
38) Pushpangoli	Abs	—	—
39) Radhika	Genetic Mapping	21/10/23	Radhika
40) Rishi	Phage Phenotypic	21/10/23	Rishi
41) Rishi Tanu	hbs conf	—	—
42) Ruqa Aidi	Abs	—	—
43) Ruwaka	Karyotype	31/10/23	Ruwaka
44) Roshana	Abs conf	—	—
45) Riskika	hbs	—	—
46) Ritika	Abs	—	—
47) Riya	Mendelian Ratio	30/10/23	Riya
48) Shandhya	Mapping of Electrophore	21/10/23	Shandhya
49) Rupali	Resistance and Susceptibility	22/11/23	Rupali

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Date	

Page No. - III

Page No.	
Date	

41) Synthetic Genetics And Hfrs 30-10-23 Sadash
Rishabh

42) Spontaneous Hybridization in plant 10/10/23 Sadash
Rishabh

50) Tomato and Phytochemical cross 28/10/23 Prasanna

51) Tomato and breeding (antennalith 90/10/23) Prash
and hybrid

52) Tomato lethal gene 20/10/23 Sadash

53) Gene Role of Enzymes in 04/11/23 Prash
Recombination

54) Yeast Grant chromosomal 28/10/23 Prash

55) Neoblasts Apoptosis gel electrophoresis 21-10-23 Prash

56) Neoblasts Structural chromosomal 31-10-23 Prash
aberration

57) Neoblasts ADS

58) Neoblasts Mutation 30/10/23 Prash

59) Neoblasts chromosomal aberration 31/10/2023 Prash

Question 2 - Answer 30/10/23 (paper - II)

What is Segregation.
What is Molecular genetics.
What is Model Interact?

Prash
Prash
Prash

Sl. No. Name Presentation Topic Date Date

1) Ashwini (R) Nutrition in fungi 28/10/23 Prash

2) Ashwini (R) Fungi as biocontrol agent 24/11/23 Prash

3) Aman Kumar Transcription of virus 28/11/2023 Prash

4) Anuragika Fungal reproduction 28/10/23 Prash

5) Adarsh Spores Reproduction 2/11/23 Prash

6) Bhavini Mycosis 29 9/11/23 Prash

7) Bhavna (R) Substrate relationship in fungi 20-11-23 21/11/23

8) Bhavna (R) General character of fungi 7/11/23 Prash

9) Bhavne Economic importance of fungi 25/10/23 Prash

10) Chardapal absent

11) Deepika ADS

12) Dhruvshree Heterokollism in fungi 30/10/23 Prash

13) Dipanshu Thallus organization in algae 19/10/23 Prash

14) Ekant fungi 4/11/23 Prash

15) Gayatri ADS

19) Genin	ABS		
20) Genetically Engineered Transgenic of Algae	01/11/2023	Orbunt	
21) Gelidium	Genetic Engineering of Gelidium	01/11/23	Orbunt
22) Hemys	Mycoplasma	03/11/23	Orbunt
23) Karchan	ABS		
24) Karchan	Genetically Engineered & cultured (General account)	03/11/23	Orbunt
25) Krishnakant	ABS		
26) Krishnakant	Economic Impact of Virus	31/10/23	Orbunt
27) Krishnakant	ABS		
28) Krishna	ABS		
29) Krishna	ABS		
30) Krishna	Thallus Structure of	01/11/23	Orbunt
31) Krishna	Thallus Structure of	01/11/23	Orbunt
32) Krishna	Thallus Structure of	01/11/23	Orbunt
33) Krishna	Thallus Structure of	01/11/23	Orbunt
34) Krishna	Thallus Structure of	01/11/23	Orbunt
35) Krishna	Thallus Structure of	01/11/23	Orbunt
36) Krishna	Thallus Structure of	01/11/23	Orbunt
37) Krishna	Thallus Structure of	01/11/23	Orbunt
38) Krishna	Thallus Structure of	01/11/23	Orbunt
39) Krishna	Thallus Structure of	01/11/23	Orbunt
40) Krishna	Thallus Structure of	01/11/23	Orbunt
41) Krishna	Thallus Structure of	01/11/23	Orbunt
42) Krishna	Thallus Structure of	01/11/23	Orbunt
43) Krishna	Thallus Structure of	01/11/23	Orbunt
44) Krishna	Thallus Structure of	01/11/23	Orbunt
45) Krishna	Thallus Structure of	01/11/23	Orbunt
46) Krishna	Thallus Structure of	01/11/23	Orbunt
47) Krishna	Thallus Structure of	01/11/23	Orbunt
48) Krishna	Thallus Structure of	01/11/23	Orbunt
49) Krishna	Thallus Structure of	01/11/23	Orbunt
50) Krishna	Thallus Structure of	01/11/23	Orbunt

33) Manika Saha	ABS		
34) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
35) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
36) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
37) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
38) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
39) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
40) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
41) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
42) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
43) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
44) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
45) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
46) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
47) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
48) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
49) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt
50) Manika Saha	Genetically Engineered Transgenic of Algae	01/11/23	Orbunt

40	Santoshi	Archaea and Eubacteria's 21/11/23	<u>Saloni</u>
49	Shashika	Economic Importance of Hybridization Technique and Purification of virus	23/11/23 <u>Radhika</u>
50	Tanishka	Importance of Gram staining 22/11/23	<u>Samriddha</u>
51	Tanisha	Evolution of viruses 8/11/23	<u>Shruti</u>
52	Tanishka	Phytoplasm 24/10/23	<u>Rakhi</u>
53	Nayana	<u>Abs</u>	
54	Nagesh	Hydroponics (Biofertilizer) 23/11/23	<u>Pranav</u>
55	Madhu Sri	Bacillariophyta 4-11-23	<u>Rishi</u>
56	Samriddha	Introduction of Prokaryotes 4/11/23	<u>Shruti Singh</u>
57	Neha, Pooja	<u>Abs</u>	
58	Samriddha	Introduction of Economic importance of fungi 23/11/23	<u>Pranav</u>
59	Samriddha	Microorganisms 31/11/2022	<u>Pranav</u>
60	Shruti Singh	Importance of biocontrol agents 8/11/23	<u>Shruti Singh</u>

Shashi
Rishi

Q. No.	Name	Description / Topic	Date	Signature
1)	Pooja Shastri	Paleozoic Crude	31/11/23	<u>Pranav</u>
2)	Neha	Historical account of Microbiology 31/11/23	31/11/23	<u>Shruti Singh</u>
3)	Samriddha	General structure of Prokaryotes 25/11/2023	25/11/2023	<u>Pranav</u>
4)	Samriddha	Phylogeny	8-11-23	<u>Pranav</u>
5)	Balaram	Edulisetum	7-11-23	<u>Pranav</u>
6)	Bharani	<u>Abs</u>		
7)	Bharani	Viruses 09-10-23	09-10-23	<u>Pranav</u>
8)	Bharani	Economic Importance of Plant 23/11/23	23/11/23	<u>Pranav</u>
9)	Bharani	Cornification	07/11/23	<u>Pranav</u>
10)	Bharani	Teleom theory	03/12/23	<u>Pranav</u>
11)	Chandrapal	<u>Abs</u>		
12)	Darshika	<u>Abs</u>		
13)	Shruti Singh	Microphyton	8-11-23	<u>Pranav</u>
14)	Dipansha	Microbes	09-11-23	<u>Pranav</u>
15)	Ekant	Life system in plants 09/11/23	09/11/23	<u>Pranav</u>
16)	Gayatri	<u>Abs</u>		
17)	Gemini	<u>Abs</u>		
18)	Neeraj	Algal characteristics and production technology 08/11/2023	08/11/2023	<u>Pranav</u>
19)	Neeraj	Economic importance of pteridophytes	7/11/23	<u>Pranav</u>
20)	Hemra	Gymnosperms	32/11/23	<u>Pranav</u>
21)	J. Kanchan	<u>Abs</u>		
22)	Khemini	Economic & ecological importance of Bryophytes	08/11/2023	<u>Pranav</u>

10) Kishore Kumar	ABS			39) Badi	ABS		
11) Khushi Kumar	7/11/23	Chand		40) Bidi Taran	ABS		
12) Khushi Kumar	ABS			41) Bidi Taran	ABS		
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Name	Topic	Date	Singh.
Anish kumar.	P-I - structure of anther	12-03-2024	Present
TARAM.	P-II - global warming	29/01/2024	Present
	P-III - methods of protoplast isolation	01/02/2024	Present
	P-IV - General account	06-04-24	Present
Ansuiya	P-I Pollen germination		
	P-II Air water and soil pollution		
	P-III		
	P-IV		
Anchana.	P-I pollen germination		absent
	P-II Air water and soil pollution	20/04/24	Present
	P-III		
	P-IV		

4	Baskharvari	P-I		
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1	Channu	I	Female gametophyte	07/03/24	Qamari
2	Kurman	II	ovule development		
3	Gangher	III	Ozon hole	12/02/24	Qamari
4		IV	Identification & selection of hybrid cells	16/03/24	Qamari
5		V	Breeding for disease resistance	18/03/24	Qamari
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14 Creehika

09/03/29	grebika
02/04/24	grebika

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16. Jadhav
Jadhav

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III

IV

Absent

17. Jagati

I

II

III

IV

Absent

18. Jadhav

I

II

III

IV

Absent

19. Kamla

I

II

III

IV

ultra structures
sucrose cytology

ecological diversity
stable in india

freezing

Dissected structure of Entomol
Angedon leaf aphid
Engels

23/01/2024
Kamla

20. Khilashani

I

II

III

IV

Absent

21. Khushna

I

II

III

IV

Endosporemic & non
endosporemic

speciation and extinction

Determination of
Survival Viability

Survival spike

Absent

24. Leena

- I
- II
- III
- IV

Absent

25. Leela

- I
- II
- III
- IV

Absent

I Biochemistry and biology
of fruit maturation
II Terrestrial biochemistry
of spores
III Addition of cytochrome
oxidase and peroxidase
IV Downy mildew
disease
25-04/2024
23-4/24
25-04/2024
23-4/24
25-04/2024
23-4/24

22. Manika

- I Storage protein of endosperm
- II Biological diversity - invertebrates
- III Raising sterile tissue culture
- IV Leaf disease

Absent

26. Madhavi

- I Symptomatology of fruit
growth
II Terrestrial biochemistry
of spores
III Slow growth method
of growth
IV Rusty disease
2/4/24
2/4/24
16/2/24
09/03/24

25. Lomshani

- I Polyembryony

- II Inventory
- III Artificial seeds
- IV Angular leaf spots

Page No.	
Date	

Page No.	
Date	

IV - grassy stand of ^{sugarcane} ~~Indian forest~~

III - growth production pattern ~~Absent~~

II - protected areas in India ^{- source habitats}

I - green revolution ^{model technique} ~~03/14/24~~ ~~present~~

IV - yellow mosaic of tobacco

III - Environmental factors

II - Botanical garden

IV - leaf diseases ~~07/02/24~~ ~~affected~~

III - plant growth and ^{genetically} ~~26/12/24~~ ~~26/12/24~~

II - role of biodiversity ^{in ecosystem function and} ~~18/04/24~~ ~~affected~~

I - Endospore and ^{non-endospore} ~~09/03/24~~ ~~affected~~

II - ~~Absent~~

III - vegetation ~~Absent~~

II - plant ^{inhabiting} ~~Absent~~

I - Embryo ^{genesis} ~~Absent~~

III - powdery mildew generation

III - plant growth and ~~Absent~~

II - global pattern ~~Absent~~

I - Endospore develop ^{ment} ~~Absent~~

IV - Botanical ^{garden} ~~12/12/24~~ ~~affected~~

III - phytochemical ^{extraction} ~~Absent~~

II - TUN ^{colony} ~~Absent~~

I - Apomixes ~~Absent~~

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	Nearby
I pollen development (maturest)	18/04/24
II chloroplast carbonis	25/04/24
III somatic embryos sources, friends	18/05/24
IV release of host and endoparasites	26/02/24

Ranking	I am interested in	13/12/17
Ranking	I am interested in	13/12/17

[illegible]

58	Powdery	I Double fertilization	absent
		II Soil pollution	absent
		III plant growth	absent
		IV bacterial blight of	absent
		Rice	

29	Pulpun.	I Ethnobotanically important	20/4/24	Plants of Chhatgadh.	13/02/24	II. Biosphere reserves.	13/02/24	III. Transgenics in crop	11/3/24	at leaf level of tomato	25/4/24	Improvement.	25/4/24
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2 Page 9

40	Ranunculus	I Pollen germination	02/03/24	Present
39	Saba	II water pollution	18/03/24	Present
38		III chemicals	ABSENT	14/03/24
37		IV biochemical defense role of aromatic compounds	02/04/24	Present
41	Ranunculus	I Pollen germination		
		II Allelopathy		
		III Growth Regulation hormones	18/03/24	Present
		IV Disease due to parasitic control of stress		
42	Santhalia	I medicinal plant type drugs		
		II Food conservation		
		III Production of hybrids	18/03/24	Present
		IV Bunchy top of banana		

43	Smilax	I Origin of Agriculture	21/03/2024	Smilax
	Saba	II National fruit	13/04/2024	Smilax
		III Applications of plant tissue culture	01/04/24	Smilax
		IV yellow vein mosaic of citrus	02/02/2024	Smilax
44	Smilax	I Green revolution	17/02/2024	Smilax
		II Yield conservation	24/09/2024	Smilax
		III Transgenesis for quality improvement		Present
		IV Egg Cattle of India	11/03/24	Smilax
45	Santhalia	I	ABSENT	
		II	ABSENT	
		III	ABSENT	
		IV	ABSENT	

46. Tishuwa

I. Wild centers of primary diversity of domesticated plant

III. Seed banks

III. Chromoplast transformation

and its utility

IV. Root knot

47. Tuleh kurian

I

II

III. Rice

IV

48. Turehwa

I

III. Local seed for conservation of wild biodiversity

III. Production of secondary metabolites

IV. Malign disease by viroplasm

49. Darnilla

I

II

III

IV

50. Vashu

I

II. In vitro virus detection

III. Production of hybridoma & monoclonal antibodies

IV. Genetic engineering of sugarcane

51. Vashu

I

II

III

IV

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BOTANY [2024]

Date			
Page No.			

S.No.	Name	Topic	Date	Sign.
1.	Akansha Patel	P-I - Taxonomic keys	23/02/24	<u>Atatel</u>
		P-II - RNA Structure	19/04/24	<u>Atatel</u>
		P-III - Osmosis	06/04/24	<u>Atatel</u>
		P-IV - CAM pathway	27/03/24	<u>Atatel</u>
2.	Akansha Thakur	P-I - Taxonomic evidence (Morphology)	23/02/24	<u>Akansha Thakur</u>
		P-II - Damage and repair (DNA)	06/04/24	Akansha Thakur
		P-III - membrane transport system	06/4/24	<u>Akansha Thakur</u>
		P-IV - Calvin cycle	25/4/24	<u>Akansha Thakur</u>
3.	Aman Kumar	P-I - Moraceae family	01/04/24	<u>Ajda</u>
		P-II - Translocation		Absent
		P-III - Molecular Mechanism of Action of enzyme	18/04/24	<u>Ajda</u>
		P-IV - Isoenzyme		Absent

S.no	Name	Topic	Date	Sign
4.	Astrida	P-I - Bacterial nomenclature	2.2.24	
		P-II - DNA structure	4.3.24	
		P-III - plasmolysis and deplasmolysis different	14.3.24	
		P-IV - photosynthetic pigment	8.14/24	
5.	Rasim	P-I - Gammeceae	26-0-24	
		P-II - Defect in DNA repdy	18.04/2024	
		P-III - Caryprochromes	Absent	
		P-IV - Amino acids	Absent	
6.	Shamini	P-I - Species Concept	Absent	
		P-II - Taxon	18/4/24	
		P-III - Diffusion	19/2/24	
		P-IV -	Absent	

S.no	Name	Topic	Date	Sign
1.	Bhavana Gopin	P-I - Histological background of nomenclature	27/3/24	Bhavana
		P-II - DNA Replication	25/4/24	Bhavana
		P-III - Comparison of Xylem & Phloem transport	19/4/24	Bhavana
		P-IV - C4 Cycle	1/3/24	Bhavana
	Bhavana Bhavan	P-I - Botanical gardens	Absent	
		P-II - m-RNA	Absent	
		P-III - Inhibition	03-03-24	Bhavana
		P-IV - Photosynthesis - fast track background	Absent	
2.	Bhavana	P-I - TCGA	09/04/2024	Bhavana
		P-II - DNA Replication	Absent	
		P-III - Phloem loading & unloading	Absent	
		P-IV - Biosynthesis of starch and sucrose	Absent	

S.No.	Name	Topic	Date	Sign.
10.	Enamisa Pitha	P-I - Palynology		
		P-II -		
		P-III -		
		P-IV -		
11.	Chandrapal	P-I - Orchidaceae		
		P-II - Gite direct Makogenesis		
		P-III - cellular locali- -zation		
		P-IV -		
12.	Deepika	P-I -		
		P-II -		
		P-III -		
		P-IV -		

S.No.	Name	Topic	Date	Sign.
13.	Pranali Lohar	P-I - International code of Botanical nomenclature	01/03/24	Done
		P-II - Exon, Intron - Salt gene	02/04/24	Done
		P-III - Plant water-relations Transpiration	06/04/24	Done
		P-IV - Phloem loading Biosynthesis of sucrose	09/04/24	Done
14.	Dipankhu	P-I - Herbicide	26/02/24	Done
		P-II - or RNA		Abstract
		P-III - Passive and active transport	18/04/24	Done
		P-IV - Photosynthesis and its significance	23/04/24	Done
15.	Ekant	P-I - Ethereal Amino	26-01/2024	Done
		P-II - Transportable elements	18.04.2024	Done
		P-III - Floral induction and ideas		Done
		P-IV - Isozymes		Done

S.No.	Name	Topic	Date	Sign
15	Gajjar	P-I - Toluidine and men quick P-II - Reaction mapping	26/02/24	
16		P-III - P-IV - Fatty acid of Biosynthesis	26/02/24	
17	GEMIN	P-I - Oshgren's system of classification. P-II - Translation. P-III - Receptors and G protein. P-IV - Structure & function of lipid	26/02/24	
18	Gajjar	P-I - Palmar (Pharmacology) P-II - induced mutation P-III - History of laboratory of phytochemicals P-IV - Physiological effects and mechanism of action	26/02/24	

S.No.	Name	Topic	Date	Sign
19	Kanchar	P-I - Bertham and Hohen classification P-II - P-III - P-IV - TCA cycle	26/02/24	
20	Hemra	P-I - fossil angiosperm P-II - transcription P-III - photoperiodism P-IV - significance P-V - Angiosperms	26/02/24	
21		P-I - Glycolysis P-II - role of c-AMP P-III - P-IV -	26/02/24	
22		P-I - P-II - P-III - P-IV -	26/02/24	

S.No.	Name	Topic	Date	Sgn.
22.	Kumar	P-I - Σ APG System	20/04/24	Kumar
21.		P-II - C Value Paradox	26/2/24	Kumar
20.		P-III - Cr-Protein	19/2/24	Kumar
19.		P-IV - Fermentation	09/04/24	Kumar
23.	Kumar	P-I - Hutchinson		
		P-II - Nuclear DNA content		
		P-III - role of C-MP		
		P-IV - aerobic and anaerobic		
24.	Kumar	P-I - Poaceae	26/02/24	Kumar
		P-II - mutation spontaneous	09/04/24	Kumar
		P-III - photosynthesis & its significance	20/04/24	Kumar
		P-IV - plant movements & its types	18/04/24	Kumar

S.No.	Name	Topic	Date	Sgn.
25.	Kumar	P-I - APG System	18/04/24	Kumar
		P-II -		
		P-III -		
		P-IV -		
26.	Kumar	P-I - Takhtajan's classification	12/04/24	Kumar
		P-II -		
		P-III -		
		P-IV - Fermentation		
27.	Kumar	P-I - Solanaceae	13/02/24	Kumar
		P-II - Regulation of gene expression	20/02/24	Kumar
		P-III - Metal toxicity	24/03/24	Kumar
		P-IV - Nitrogen assimilation	05/04/24	Kumar

S.No.	Name	Topic	Date	S.P.N.
22.	Kharshi	P-I - ϵ APG System	20/04/24	Shruti
21.		P-II - C Value Paradox	26/2/24	Shruti
20.		P-III - Cr Protein	19/3/24	Shruti
19.		P-IV - Fermentation	09/04/24	Shruti
23.	Kharshi	P-I - Huddinson		
		P-II - Nuclear DNA content		
		P-III - role of C-Amp		
		P-IV - aerobic and anaerobic		
24.	Kharshi	P-I - Poaceae	26/02/24	Shruti
		P-II - mutation spontaneous	09/04/24	Shruti
		P-III - Photorespiration H ₂ O ₂ sensitivity	20/04/24	Shruti
		P-IV - plant movements plants in 4985	18/04/24	Shruti

S.No.	Name	Topic	Date	S.P.N.
25.	Kharshi	P-I - APG System	18/04/24	Shruti
		P-II -		
		P-III -		
		P-IV -		
26.	Kharshi	P-I - Takhtajan's classification	18/04/24	Shruti
		P-II -		
		P-III -		
		P-IV - Fermentation		
27.	Kharshi	P-I - Solanaceae	13/02/24	Shruti
		P-II - Regulation of gene expression	22/02/24	Shruti
		P-III - Metal toxicity	27/03/24	Shruti
		P-IV - Phosphorus assimilation	05/04/24	Shruti

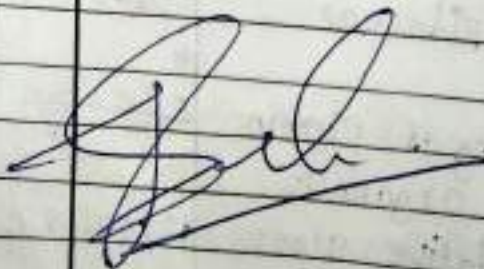
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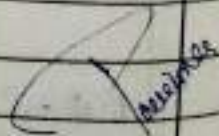
S.No.	Name	Topic	Date	S.No.
28	Madhu	P.I - Rosaceae	11/03/24	28
29	Madhu	P.I - Gramineae Ethnobotany	11/04/24	29
30	Madhu	P.II - Fine structure of gym drought resistance	22-02-24	30
31	Madhu	P.II - Botanical deficit and drought resistance	6-04-24	31
32	Madhu	P.II - Biological nitrogen fixation	12-03-24	32
33	Madhu	P.II - Sulfur cycle	12-02-24	33
34	Madhu	P.II - Plant responses to biotic stress	11/03/24	34
35	Madhu	P.II - Plant responses to biotic stress	11/03/24	35
36	Madhu	P.II - Plant responses to biotic stress	11/03/24	36
37	Madhu	P.II - Plant responses to biotic stress	11/03/24	37
38	Madhu	P.II - Plant responses to biotic stress	11/03/24	38
39	Madhu	P.II - Plant responses to biotic stress	11/03/24	39
40	Madhu	P.II - Plant responses to biotic stress	11/03/24	40
41	Madhu	P.II - Plant responses to biotic stress	11/03/24	41
42	Madhu	P.II - Plant responses to biotic stress	11/03/24	42
43	Madhu	P.II - Plant responses to biotic stress	11/03/24	43
44	Madhu	P.II - Plant responses to biotic stress	11/03/24	44
45	Madhu	P.II - Plant responses to biotic stress	11/03/24	45
46	Madhu	P.II - Plant responses to biotic stress	11/03/24	46
47	Madhu	P.II - Plant responses to biotic stress	11/03/24	47
48	Madhu	P.II - Plant responses to biotic stress	11/03/24	48
49	Madhu	P.II - Plant responses to biotic stress	11/03/24	49
50	Madhu	P.II - Plant responses to biotic stress	11/03/24	50

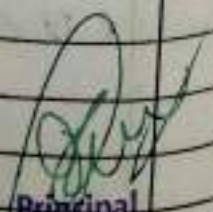
Sr.	Name	Topic	Date	Sgn.
34	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
35	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
36	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
37	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
38	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
39	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
40	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
41	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
42	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
43	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
44	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
45	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
46	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
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48	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
49	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
50	Position Topic	P.I - P.II - P.III - P.IV - P.V -		

Sr.	Name	Topic	Date	Sgn.
51	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
52	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
53	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
54	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
55	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
56	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
57	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
58	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
59	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
60	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
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62	Position Topic	P.I - P.II - P.III - P.IV - P.V -		
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70	Position Topic	P.I - P.II - P.III - P.IV - P.V -		

S.No.	Name	Topic	Date
52	Venu	P.I -	
		P.II -	
		P.III -	
		P.IV -	
53	Yogesh Kumar	P.I - Zingiberaceae	04/03/24
		P.II - physical & chemical nutrients	Absent
		P.III - photophysiology of chloro- phyll & light response	10/04/24
		P.IV - structure of enzymes.	19/04/24




 Assistant


 Principal
 Govt. Gianshyam Singh Gourt
 P.G. College Balod (C.G.)

M. Sc. Ist Sem.

Presentation Record / smart class

2023-24