

शासकीय महाविद्यालय गुरुर, जिला – बालोद, छ.ग.

भौतिकशास्त्र विभाग

B.Sc. 01st Year, Session 2021 – 22

List of Posters

S.No	Poster for	Name of Student	Submission Date
01	Different Coordinate System	Aditi	
02	Centripetal Force and Coriolis Force	Akhilesh Mandavi	
03	Gravitational Potential due to Spherical Body	Amit Kumar	
04	Motion under Central Force and Kepler's Law	Bhekh Raj	
05	Conservation of Linear and Angular Momentum	Bhovesh Kumar	
06	Types of Simple Harmonic Oscillators	Chanchal	
07	Lissajous Figures	Deepak Kumar	
08	Electron Gun	Devnandini	
09	CRO	Devvrat	
10	Mass Spectrograph	Divya	
11	Cyclotron	Gaukaran Singh	
12	Thomson's Method for e/m	Gaurav Sahu	
13	Hooke's Law and Elasticity	Geeta	
14	Cantilever	Hema Sahu	
15	Barton's Apparatus	Jaswant Kumar Sori	
16	Modulus of Rigidity by Maxwerll's Needle	Jitendra Kumar	
17	Yong's Modulus, Modulus of Rigidity and Poisson's Ratio by Searle's Method	Jyoti	
18	Bernoulli's Theorem and its Applications	Kavita / Pirendra Kumar	
19	Coefficient of Viscosity of Liquid by Poiseuille's Method	Kavita / Mahendra Kumar	
20	Coefficient of Viscosity of Liquid by Variable Pressure Method	Keshant Kumar	
21	Capillarity	Khilendra Kumar	
22	Surface Tension by Jaeger's Method	Khomin Sahu	
23	Electromagnetic Wave	Khushboo Yadav	
24	Fleming's Hand Rules, Lenz's Law, Right hand Palm Law, Right hand Screw law	Kunti	
25	Ampere's Circuital Law and its Applications	Laxmikant	
26	Biot-Savart Law and its Applications	Mamta Sahu	
27	Torque on a Current loop in a magnetic field	Mohnish Kumar	
28	Different Types of A.C. Circuits	Narayani	
29	Dielectric Materials	Nilesh Kumar	
30	Capacitor and its types	Padma	
31	Gauss's Law and its applications	Parasmani	
32	Electric Line of Force	Parmeshwar	
33	Differential and Integral Formula	Pritidevi	
34	Vector Algebra Formula	Priya	
35	Divergence of a Vector Field	Priyanka	
36	Gradient of a Scalar Field	Purnima	
37	Curl of a Vector Field	Rahul Kumar	
38	Moment of Inertia, Theorem, Moment of Inertia for some regular and uniform Bodies	Rohineeka	
39	Screw Gauge	Roshani	
40	Venire Caliper	Sadhana	
41	Simple and Compound Pendulum	Sahil Kumar	
42	Forced Pendulum	Sandeep Kumar	
43	Wavelength range of Electromagnetic Waves	Saraswati	
44	Molecular Spectra	Shivam Manikpuri	
45	Bohr's Atomic Model	Soniya	
46	Instruction for Physics Lab use	Suraj Kumar	
47	Earth Atmosphere	Tripti	

(Mr. L. Hirwani, HOD, Physics Department)

શાસકીય મહાવિદ્યાલય ગુરુર, જિલા – બાલોદ, છ.ગ.

ભૌતિકશાસ્ત્ર વિભાગ

B.Sc. 03rd Year, Session 2021 – 22

List of Posters

S.No	Poster	Name of Student	Submission Date
01	Special Theory of Relativity	Anju Sahu	
02	Compton Effect and Doppler Effect	Bharti Yadav	
03	Black Body Radiation	Bhavana	
04	Wave Velocity and Group Velocity	Bhumika Rigri	
05	Uncertainty Principle	Bhuneshwari / Baldev	
06	Spectra of Hydrogen Atom	Bhuneshwari / Dhansingh	
07	Spectra of Alkali Metal Atoms	Chinteswari	
08	Raman Effect and Raman Spectroscopy	Deepika	
09	Nuclear Detectors	Devendra Kumar	
10	Artificial Nuclear Transmutation	Dimple	
11	Nuclear Fission and Fusion	Durgeshwari	
12	Kinds of Lattices – Bravais Lattices	Geetanjali	
13	Structure of Diamand, NaCl, CsCl and CaF ₂	Harishchandra	
14	Bragg's Law	Hemraj	
15	Classification of Substances – Diamagnetic, Paramagnetic and Ferromagnetic Substances	Hiteshwari	
16	Hall Effect	Jagat Ram	
17	P-N Junction and P-N Junction Diode	Kajal Devi	
18	Types of Diode	Kamini	
19	PNP and NPN Transistors	Khileshwari Nishad	
20	Half-wave and Full-wave Rectifiers	Khomeswar	
21	Types of Filters	Kumudani	
22	FET	Lekhraj Meshram	
23	Amplifier and types of amplifiers	Lokeshwari	
24	Oscillator and types of oscillators	Manoj Kumar	
25	Wein Bridge Oscillator	Moratdhawaj Patel	
26	Hartley Oscillator	Mauryadhwaj	
27	Basic Logic Gates	Neelima	
28	Universal Logic Gates	Neha Patel	
29	Boolean Algebra and De-Morgan's Theorem	Nirmala	
30	Power Supply	Renuka	
31	Solar Cell	Sangeeta	
32	Intrinsic and Extrinsic Semiconductors	Sanjay Rao	
33	Compare between General and Special theory of Relativity	Sonam	
34	Transistor in CB,CE and CC based	Suraj Kumar	
35	Packing Density and Miller Indices	Ku. Tikesh	
36	Michelson-Morley's experiment	Tomeshwari	
37	Bridge Rectifier	Vedika	
38	Electronic Symbols	Vivek Kumar	

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भौतिकशास्त्र विभाग

B.Sc. 02nd Year, Session 2021 – 22

List of Posters

S.No	Poster	Name of Student	Submission Date
01	Laser, Laser Action, Population Inversion and Optical Pumping	Amarnath	
02	Ruby Laser, He-Ne Laser, Chemical Laser and Semiconductor Laser	Arvind Kumar	
03	Polarization of Light	Dhamin Sahu	
04	Diffraction Grating	Dimple	
05	Fraunhofer Diffraction at a Single Slit	Hasina	
06	Half Period Zone Plate	Khomin	
07	Fresnel's Half Period Zone	Kumesh Kumar	
08	Twyman-Green Interferometer	Leena	
09	Newton's Rings	Madhuri	
10	Different kinds of Eye Pieces	Manisha Gwal	
11	Cardinal Points of an Optical System	Mohnish Kumar Sahu	
12	Different Type of Quantum Statistics	Neeraj Kumar	
13	Black Body Radiation	Payal Sahu	
14	Compare between Thermal Radiation and Light	Poonam	
15	Transport Phenomenon in Gases	Pradeep Kumar	
16	Maxwell's Boltzman's Speed wise Distribution Law	Rahul Kumar	
17	Maxwell's Boltzman's Velocity wise Distribution Law	Renuka Sahu	
18	Cooling by Adiabatic Demagnetization	Ritesh Kumar	
19	Clausius-Clapeyron Latent Heat Equation and Joule-Thomson Effect	Rupa	
20	Thermodynamic Laws, Potentials and Maxwell's Equations	Tarachand	
21	Heat Engine and Carnot's Engine	Varsha Rani	

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