



Students Undertaking Field Projects / Research Projects / Internships

Department : **Pure and Applied Physics**

Programme Name : **M.Sc. Electronics**

Academic Year : **2020-21**

List of students undertaking Field Projects/Projects / Internships

Sr. No.	Name of the Student	Title of the Project / Internship along with the Name of the Organization (where Project / Internship was carried out)	Link of Certificate
01.	Aanchal Yadav	Fight against COVID-19: Physical techniques of nano particles for Designing anti-viral mask in post covid regime/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070151_Aanchal%20Yadav.pdf
02.	Abha Paranjape	Exploring gravitational waves and testing GTR/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070306_Abha%20Paranjape.pdf
03.	Ajay Kumar Paikra	Thermo-electric materials/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070339_AJAY%20KUMAR%20PAIKRA.pdf
04.	Akash Pashyet	To Display the HR Diagrams of Star Clusters, Determine the Ages of the stars in them and Determine the Distance to the Clusters/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070419_Akash%20Pashyet.pdf
05.	Anmol Namdev	Review of Synthesis and characterization of rare earth Hybrid CNT/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070510_Anmol%20Namdev.pdf
06.	Anshu Dewangan	MEASURE SIZE OF NANOPARTICLES BY DYNAMIC LIGHT	https://www.ggu.ac.in/



		SCATTERING (DLS)/ GGU Bilaspur	Admin/Files/DepartmentDocument/06292022070542_Anshu%20Dewangan.pdf
07.	Anubhav Singh Banafer	APPLICATION OF QUANTUM DOTS IN DRUG DELIVERY/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070632_Anubhav%20Singh%20Banafer-2.pdf
08.	Avinash Mahapatra	A Review on ZnO based Perovskite Solar Cells/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070803_Avinash%20Mahapatra.pdf
09.	Bhakta Bandhu Behera	STRUCTURAL AND MAGNETIC PROPERTIES OF MG DOPED COBALT FERRITE NANOPARTICLES PREPARED BY SOL-GEL METHOD/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070844_BHAKTA%20Bandhu%20behra.pdf
10.	Bhumika Patel	FERROELECTRIC MATERIALS AND ITS APPLICATIONS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070926_Bhumika%20Patel.pdf
11.	Bimlesh Meher	DENSITY FUNCTIONAL THEORY & SPINTRONICS TECHNOLOGY A REVIEW/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071010_Bimlesh%20Meher.pdf
12.	Chandrika	Multiferroic Compound/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071116_Chandrika.pdf
13.	Chandrama Barik	STUDY OF SHELL MODEL OF NUCLEUS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071043_chandrama.pdf



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14.	Devendra Kashyap	ISING MODEL/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071150_Devendra%20Kashyap.pdf
15.	Gourav Sahu	QUANTUM DOTS LASER AND CHARACTERISTICS PROPERTIES OF GaAs based QDL/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071216_Gaurav%20Sahu-2.pdf
16.	Kalyan Sagar Sahu	Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated Sr4Al14O25 Phosphor/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071323_Kalyan%20Sagar%20Sahu-2.pdf
17.	L Shubham Kumar	A brief review on mechanoluminescence in rare earth doped Ca2MgSi2O7/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071356_L%20Shubham%20kumar-2.pdf
18.	Latika Behuria	SYNTHESIS OF Cu2+ DOPED CoFe2O4 NANOPARTICLES BY CITRATE AUTO-GEL COMPOSITION METHOD/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071436_Latika%20Behuriya.pdf
19.	Maheshwari	Perovskite Based Gas Sensor/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071539_Maheshwari%20Sahu.pdf
20.	Manish Das	Gas Sensors Based of oxide Nanoparticles/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071635_Manish%20Das-4.pdf
21.	Mukesh Patel	SOLAR PHOTOVOLTAIC CELL/ GGU Bilaspur	https://www.ggu.ac.in/



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22.	Prakash Kumar Bera	Revolutions of moons of Jupiter and calculating Mass of Jupiter/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071742_Prakash%20Kumar%20Bera.pdf
23.	Priyanka Singh	Studies of structural property of rare earth doped nanophosphors/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071811_Priyanka%20Singh-2.pdf
24.	R Suchita Singh Mongare	TWO DIMENSIONAL NANOMATERIAL-BASED POLYMER COMPOSITES : ENERGY STORAGE AND FABRICATION/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071837_R%20SUCHITA%20SINGH%20MONGARE.pdf
25.	Rahul Kumar	CONFOCAL MICROSCOPE AND ITS APPLICATION/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071911_Rahul%20Kumar.pdf
26.	Ravindra Chandra	A Review on ZnO/ZnTe based Micropillar Solar Cells/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072013_Ravindra%20Chandra-3.pdf
27.	Reshmi Nayak	ENHANCED TRANSPORT PROPERTIES OF CERIUM DOPED COBALT FERRITE NANOPARTICLES FOR RESISTIVE RAM APPLICATIONS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072045_Reshmi%20Nayak%20project-3.pdf
28.	Rudrakant Ghritlahre	GRAPHENE OXIDE AND ITS PROPERTIES AND APPLICATIONS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022



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29.	Sanju Suryvanshi	Vibrational Properties and DFT Calculations/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072153_Sanjoo%20Suryavanshi-2.pdf
30.	Satyanarayan	Superconductivity and it's applications/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072225_Satyanarayan-2.pdf
31.	Saurabh Shadangi	BINDING ENERGY/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072301_Saurabh%20Shadangi-4.pdf
32.	Shikha	solar cell/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072332_Shikha-3.pdf
33.	Somya Dewangan	Nanocomposites for remediation of environmental issues/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072448_Somya%20Dewangan-3.pdf
34.	Srishti Rai	comprehensive study on synthesis method of graphene and its application	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072406_Shristi%20rai-2.pdf
35.	Sudha Kahar	Brief review on photoluminescence of zinc oxide nanoparticles/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072528_sudha%20kaha-3.pdf
36.	Suruchi Namita Pandey	Glass/	https://www.ggu.ac.in/



		GGU Bilaspur	Admin/Files/DepartmentDocument/06292022072609_Suruchi%20Naimita%20Pandey-3.pdf
37.	Trivendra Sahu	Multiferroic materials and its application/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072642_Trivendra%20Sahu-4.pdf
38.	Yashwant	REVIEW ON FERMI SURFACE USING DENSITY FUNCTION THEORY/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072718_Yashwant%20-2.pdf
39.	Yogesh Patel	Synthesis of Artificial Diamond and its optical characterization/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072905_Yogesh%20Patel-4.pdf
40.	Yushmi Sahu	GAMMA RAY SPECTROSCOPY/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072934_Yushmi%20Sahu-4.pdf
41.	Rajesh Kumar Patel	RIVIEWS ON TIN TELLURIDE(SnTe) THERMOELECTRIC MATERIALS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071938_Rajesh%20Patel-3.pdf
42.	Yogendra Kumar Ratre	SOLAR CELL	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022072834_Yogendra%20Kumar%20Ratre-4.pdf
43.	Litesh Kumar	REVIEW OF Luminescence studies of Dy ³⁺ doped borate glass/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022



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44.	Arvind Sarthi	PROPERTIES and APPLICATIONS OF PHOTOVOLTIC DEVICE BASED ON PEROVSKITE MATERIALS/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022070711_Arvind%20sarthi.pdf
45.	Himanshulata Rajwade	A brief review on Thermoluminescence of ZrO ₂ phosphors/ GGU Bilaspur	https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06292022071249_HIMANSHULATA-2.pdf