

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)

Department: Pure and Applied Physics

List of Programmes having Components of field

Sr. No.	Programme Code	Programme Name	Academic Year
01.	M.Sc. (Physics)	Project Work (PT-405)	2020-2021

Umbipartu
विभागाध्यक्ष/H.O.D.
शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग
Dept. of Pure & Applied Physics
गुरु घासीदास विश्वविद्यालय
Guru Ghasidas Vishwavidyalaya
बिलासपुर (छ.ग.)/Bilaspur (C.G.)



Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year : 2020-21

School : School of Physical Sciences

Department : Pure and Applied Physics

Date and Time : July 13, 2018 - 11:30 AM; July 18, 2018 - 5:00 PM

Venue : Smart Class Room

The scheduled meetings of member of Board of Studies (BoS) of Department of Pure and Applied Physics, School of Studies of Physical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, were held to design and discuss the M.Sc. (Physics) Third year (V and VI Semesters), scheme and syllabi.

The following members were present in the meeting:

1. Prof. P K. Bajpai
2. Dr. H. S. Tewari
3. Prof. S. B. Kondawar (External Member)
4. Dr. M. N. Tripathi
5. Dr. P. Thakur
6. Dr. R. K. Pandey
7. Dr. T. G. Reddy
8. Dr. R. P. Prajapati
9. Dr. A. K. Gupta
10. Dr. M. P. Sharma
11. Dr. P. Das
12. Dr. T. Trivedi
13. Dr. S. P. Patel
14. Prof. R. Dhar (External member)


Signature & Seal of HoD

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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	CLICK HERE
02.	Abha Paranjape	Exploring gravitational waves and testing GTR/ GGU Bilaspur	CLICK HERE
03.	Ajay Kumar Paikra	Thermo-electric materials/ GGU Bilaspur	CLICK HERE
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	CLICK HERE
05.	Anmol Namdev	Review of Synthesis and characterization of rare earth Hybrid CNT/ GGU Bilaspur	CLICK HERE
06.	Anshu Dewangan	MEASURE SIZE OF NANOPARTICLES BY DYNAMIC LIGHT SCATTERING (DLS)/ GGU Bilaspur	CLICK HERE
07.	Anubhav Singh Banafer	APPLICATION OF QUANTUM DOTS IN DRUG DELIVERY/ GGU Bilaspur	CLICK HERE
08.	Avinash Mahapatra	A Review on ZnO based Perovskite Solar Cells/ GGU Bilaspur	CLICK HERE
09.	Bhakta Bandhu Behera	STRUCTURAL AND MAGNETIC PROPERTIES OF MG DOPED COBALT FERRITE NANOPARTICLES PREPARED BY SOL-GEL METHOD/ GGU Bilaspur	CLICK HERE
10.	Bhumika Patel	FERROELECTRIC MATERIALS AND ITS APPLICATIONS/ GGU Bilaspur	CLICK HERE



11.	Bimlesh Meher	DENSITY FUNCTIONAL THEORY & SPINTRONICS TECHNOLOGY A REVIEW/ GGU Bilaspur	CLICK HERE
12.	Chandrika	Multiferroic Compound/ GGU Bilaspur	CLICK HERE
13.	Chandrama Barik	STUDY OF SHELL MODEL OF NUCLEUS/ GGU Bilaspur	CLICK HERE
14.	Devendra Kashyap	ISING MODEL/ GGU Bilaspur	CLICK HERE
15.	Gourav Sahu	QUANTUM DOTS LASER AND CHARACTERISTICS PROPERTIES OF GaAs based QDL/ GGU Bilaspur	CLICK HERE
16.	Kalyan Sagar Sahu	Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated Sr4Al14O25 Phosphor/ GGU Bilaspur	CLICK HERE
17.	L Shubham Kumar	A brief review on mechanoluminescence in rare earth doped Ca2MgSi2O7/ GGU Bilaspur	CLICK HERE
18.	Latika Behuria	SYNTHESIS OF Cu ²⁺ DOPED CoFe ₂ O ₄ NANOPARTICLES BY CITRATE AUTO-GEL COMPOSITION METHOD/ GGU Bilaspur	CLICK HERE
19.	Maheshwari	Perovskite Based Gas Sensor/ GGU Bilaspur	CLICK HERE
20.	Manish Das	Gas Sensors Based of oxide Nanoparticles/ GGU Bilaspur	CLICK HERE
21.	Mukesh Patel	SOLAR PHOTOVOLTAIC CELL/ GGU Bilaspur	CLICK HERE
22.	Prakash Kumar Bera	Revolutions of moons of Jupiter and calculating Mass of Jupiter/ GGU Bilaspur	CLICK HERE
23.	Priyanka Singh	Studies of structural property of rare earth doped nanophosphors/ GGU Bilaspur	CLICK HERE
24.	R Suchita Singh Mongare	TWO DIMENSIONAL NANOMATERIAL-BASED POLYMER COMPOSITES : ENERGY STORAGE AND FABRICATION/ GGU Bilaspur	CLICK HERE
25.	Rahul Kumar	CONFOCAL MICROSCOPE AND ITS APPLICATION/ GGU Bilaspur	CLICK HERE
26.	Ravindra Chandra	A Review on ZnO/ZnTe based Micropillar Solar Cells/ GGU Bilaspur	CLICK HERE



27.	Reshmi Nayak	ENHANCED TRANSPORT PROPERTIES OF CERIUM DOPED COBALT FERRITE NANOPARTICLES FOR RESISTIVE RAM APPLICATIONS/ GGU Bilaspur	CLICK HERE
28.	Rudrakant Ghritlehre	GRAPHENE OXIDE AND ITS PROPERTIES AND APPLICATIONS/ GGU Bilaspur	CLICK HERE
29.	Sanju Suryvanshi	Vibrational Properties and DFT Calculations/ GGU Bilaspur	CLICK HERE
30.	Satyanarayan	Superconductivity and it's applications/ GGU Bilaspur	CLICK HERE
31.	Saurabh Shadangi	BINDING ENERGY/ GGU Bilaspur	CLICK HERE
32.	Shikha	solar cell/ GGU Bilaspur	CLICK HERE
33.	Somya Dewangan	Nanocomposites for remediation of environmental issues/ GGU Bilaspur	CLICK HERE
34.	Srishti Rai	comprehensive study on synthesis method of graphene and its application	CLICK HERE
35.	Sudha Kahar	Brief review on photoluminescence of zinc oxide nanoparticles/ GGU Bilaspur	CLICK HERE
36.	Suruchi Namita Pandey	Glass/ GGU Bilaspur	CLICK HERE
37.	Trivendra Sahu	Multiferroic materials and its application/ GGU Bilaspur	CLICK HERE
38.	Yashwant	REVIEW ON FERMI SURFACE USING DENSITY FUNCTION THEORY/ GGU Bilaspur	CLICK HERE
39.	Yogesh Patel	Synthesis of Artificial Diamond and its optical characterization/ GGU Bilaspur	CLICK HERE
40.	Yushmi Sahu	GAMMA RAY SPECTROSCOPY/ GGU Bilaspur	CLICK HERE
41.	Rajesh Kumar Patel	RIVIEWS ON TIN TELLURIDE(SnTe) THERMOELECTRIC MATERIALS/ GGU Bilaspur	CLICK HERE
42.	Yogendra Kumar Ratre	SOLAR CELL	CLICK HERE
43.	Litesh Kumar	REVIEW OF Luminescence studies of Dy ³⁺ doped borate glass/ GGU Bilaspur	CLICK HERE



44.	Arvind Sarthi	PROPERTIES and APPLICATIONS OF PHOTOVOLTIC DEVICE BASED ON PEROVSKITE MATERIALS/ GGU Bilaspur	CLICK HERE
45.	Himanshulata Rajwade	A brief review on Thermoluminescence of ZrO ₂ phosphors/ GGU Bilaspur	CLICK HERE

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