



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)	2017-2018



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

Academic Year : 2017-18

School : *School of Physical Sciences*

Department : *Pure and Applied Physics*

Date and Time : *December 12, 2016 - 11:30 AM*

Venue : *Smart Class Room*

The scheduled meeting of member of Board of Studies (BoS) of Department of Pure and Applied Physics, School of Studies of Physical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, was held to design and discuss the M. Sc. (Physics), scheme and syllabi.

The following members were present in the meeting:

1. Dr. R. P. Prajapati
2. Dr. M. N. Tripathi
3. Dr. R. K. Pandey
4. Dr. Parijat Thakur
5. Dr. H. S. Tewari
6. Prof. D. P. Ojha
7. Prof. P. K. Bajpai

The committee discussed and approved the scheme and syllabi.

Signature & Seal of HoD



Course
Structure
M.Sc.
Physics
Syllabus

Department of Pure and Applied Physics

Guru Ghasidas Vishwavidyalaya, Bilaspur-495 009 (C.G.)

Semester-I	Semester-II
<p>PT-101-Mathematical Physics PT-102-Classical Mechanics PT-103-Quantum Mechanics-I PT-104-Basic Electronic Devices PT-105- Lab Course</p>	<p>PT-201-Atomic and Molecular Physics PT-202- Nuclear and Particle Physics PT-203- Solid State Physics PT-204- Quantum Mechanics-II PT-205- Lab Course</p>
Semester-III	Semester-IV
<p>PT-301- Statistical Mechanics PT-302-Introductory to Computational Physics PT-303- Electrodynamics PT-304-Specialization Material Science –I PT-305- Lab Course</p>	<p>PT-401-Experimental Technique in Physics PT-402- Accelerator Physics PT-403-Molecular Physics and Group Theory PT-404- Specialization Material Science –II PT-405- Project Work</p>

विभागाध्यक्ष, P.A.P.D.
सं. 20-4-2019
Dept. of Pure & Applied Physics
गुरु घासीदास विश्वविद्यालय
कोनी, बिलासपुर (छ.ग.)

Handwritten signatures and dates: 20-4-2019, 28/4/2019, and other names.



Students Undertaking Field Projects / Research Projects / Internships

Department : Pure and Applied Physics

Programme Name : M.Sc. Physics

Academic Year : 2017-18

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.	Aishwarya Manikpuri	Synthesis And Spectroscopic Charecterization Limcr4o8/GGV	
02.	Anjali Panday	Synthesis And Charecterization Of Titanium Doped Lanthenum Calcium Perovskite/ GGV	
03.	Anjali Sahu	Spectral Analysis Of NGC2911 And NGC 5525 Galaxy Using Thensdss DR7 DATA/ GGV	
04.	Anu Sharma	First Principal Study Of Optoelectronic Material Alpha-Pbo/ GGV	
05.	Anirban Panda	Reflection Grating Spectrometer Study Of X- Ray Binary LMCX-1/ GGV	
06.	Bhupendra Kumar Dewangan	Gamma Ray Spectroscopy As68 /GGV	
07.	Divya Verma	Synthesis And ,Characterization Of Ybacufeo5 And Laacufeo5(A=Ba, Ca And Sr)Multiferroic Material/GGV	
08.	Karan Kumar Panday	Synthesis And Structural Properties Of Bi1-Xsrxfeo3/ GGV	
09.	Komal Prasad	Image Processing Using Median Filtering With Matlab	



10.	Lekhram Dewangan	Effect Of Sbstitution Of Rare Earth Atom La On Structural Properties Of Bismuth Ferrite / GGv	
11.	Lopmudra Dikshit	Thermal And Thermoelectric Property Of Bi ₂ Te ₃ Quantum Well Structure GGv	
12.	Meenakshi Dhrouw	Sunthesis And Characterization Of Zn Dopped Ni-Mg Spinal Ferrite/ GGv	
13.	Mrunalini Mallick	Synthesis And Spectroscopic Investigation Of Ca ₃ A ₄ O ₉ (A=Co,Cu,Fe And Zn) GGv	
14.	Nilesh Rajput	Synthesis And Charecterization Of Srmoo ₄ / GGv	
15.	Pramila Khandita	Study On Synthesis And Charecterization Of Cerium Oxide Nanoparticles/ GGv	
16.	Prabhat Singh Chandel	Synthesis And Charecterisation Of Bamoo ₄ / GGv	
17.	Priyank Tiwari	Measurement Of Dimension Of Any Object Using Image Processing With MATLAB/ GGv	
18.	Shivangi Gupta	Theoretical And Simulation Studies Of Rayleigh –Taylor Instability/ GGv	
19.	Rashmi Patel	Preparation And Charecterization Of La Based Mangentites / GGv	
20.	Ragini Gupta	Determination Of Spectral Properties Of NGC7722 And NGC 2534 Galaxies Using The Sdss DR7 Data/ GGv	
21.	Ramesh Kumar Manikpuri	Determination Of Transformation Coefnational Observatory Data Using M92 For B And V Filter Of	



		Kitt Peak / GGv	
22.	Rishabh Paul	Texture Behaviour Of (1-X)Bi _{0.5} Na _{0.5} TiO ₃ -Xk _{0.5} Na _{0.5} NbO ₃ Compositions / GGv	
23.	Ritesh Kumar	Synthesis And Spectroscopic Investigation Of Tairte ₄ / GGv	
24.	Ranjan Kumar Sahu	Study Of Wave Propagation In Quantum Degerate Plasma/ GGv	
25.	Seema Mourya	Review On Metamaterials/ GGv	
26.	Shubham Kumar Pati	Coulomb Fission Of A Dusty Plasma/ GGv	
27.	Shubhra Sharma	Effect Of Capping On Cadmium Sulphide Nanoparticles/ GGv	
28.	Shubham Arihrwar	Study Of Magnetic Radiation In 105In/ GGv	
29.	Satrupa Das	Synthesis And Structural Properties Of BI _{1-X} BaxFeO ₃ Multiferroics/ GGv	
30.	Vidhi Shukla	Synthesis And Charecterization Of Snbi ₂ Te ₄ And Cu _{0.5} Bi ₄ Te ₆ Thermoelectric Glasses/ GGv	
31.	Kundan Kumar	Synthesis And Charecterization Of Ca Moo ₄ / GGv	
32.	Shubham Rathour	Gamma Ray Spectroscopy Using Nai(Tl)/ GGv	
33.	Suhahini Panday	Synthesis And Structural Characterization Of Sr Modified Ni-Zn Ferrite/ GGv	
34.	Sanskriti Panday	To Study The Structural Phase Transition Pt For Znse _{1-X} Tex Alloy/ GGv	
35.	Vashundhara Sahu	Synthesis And Characterization Of Lanthanum Doped Nickel -Zinc	

गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 अ. 25 से अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
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Guru Ghasidas Vishwavidyalaya
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Ferrite/ GGv