



**Department: Pure and Applied Physics**

**List of Programmes having Components of field**

Sr. No.	Programme Code	Programme Name	Academic Year
01.	M.Sc. (Electronics)	Minor Project Work (El-106)	2017-2018
02.	M.Sc. (Electronics)	Minor Project Work (El-206)	2017-2018
03.	M.Sc. (Electronics)	Major Project Work With Dissertation (El-401)	2017-2018
04.	M.Sc. (Electronics)	Practical Training In Any of the Following Fields (El-402)	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. (Electronics), 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 OF M. SC. ELECTRONICS

First Semester	CODE	SUBJECT	MARKS
Paper-I	EI-101	Electronic Materials	100
Paper-II	EI-102	Electrodynamics	100
Paper-III	EI-103	Integrated Devices And Circuits	100
Paper-IV	EI-104	Digital Electronics	100
Paper-V	EI-105	Basic Electronic Laboratory	100
Paper-VI	EI-106	Minor Project Work	100
Second Semester			
Paper-I	EI-201	Signals And System	100
Paper-II	EI-202	Electronic Communication Methods & Radar	100
Paper-III	EI-203	Semiconductor Devices & Fabrication	100
Paper-IV	EI-204	Computer Application In Electronics	100
Paper-V	EI-205	Digital & Communication Electronic Laboratory	100
Paper-VI	EI-206	Minor Project Work	100
Third Semester			
Paper-I	EI-301	Communication Electronics	100
Paper-II	EI-302	Fiber Optics & Optical Comm.	100
Paper-III	EI-303	Digital Communication & Networking	100
Paper-IV	EI-304	Sensor And Transducers	100
Fourth Semester			
Paper-I	EI-401	Major Project Work With Dissertation	100
Paper-II	EI-402	Practical Training In Any of the Following Fields	100



## Students Undertaking Field Projects / Research Projects / Internships

**Department : Pure and Applied Physics**

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

**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.	Akanksha Rathore	Power Line Carrier Communication/ Communication Division CG Power Transmission Company Limited	
02.	Anish Chandrakar	Finger Print Based Door Locking/ Electronic Corporation Of India Limited	
03.	Ayushi Chakroborty	A Reconfigurable Smart Sensor Interface For Industrial WSN In IOT Environment/ Electronic Corporation Of India Limited	
04.	Bhumika Sahu	Real Time Food Monitoring And Control System Raspberry PI/ CSIR –Central Electronic Engineering Research Institute Rajsthan	
05.	Ghanshyam Sharma	Design Optimisation Of RF MEMS Switch For Low Actuation Voltage/ CSIR –Central Electronic Engineering Research Institute Rajsthan	
06.	Mansi Bhatt	A MEMS Peizo-resistive Full Bridge Sensor Interface And Design/ CSIR –Central Electronic Engineering Research Institute Rajsthan	
07.	P V B S S Prakash	Development Of Pdms Based Capacitive Pressure Sensor / Csir –	



		Central Electronic Engineering Research Institute Rajasthan	
08.	Rahul Rao	Real Time Irrigation Control Using GSM Module/ Electronic Corporation Of India Limited	
09.	Rani Bhawsar	Voice And Gesture Control Wheel Chair/ Electronic Corporation Of India Limited	
10.	Shrishti Chaturvedi	Power Line Carrier Communication/ Communication Division CG Power Transmission Company Limited	
11.	Sumit Sahgal	Health Monitoring System Using GPRS/ Electronic Corporation Of India Limited	
12.	T V S Narayana	Grapheme – PDMS Composite Based Resistive Strain / Pressure/ CSIR –Central Electronic Engineering Research Institute Rajasthan Sensor	
13.	Umesh Kumar Kansari	Stuffy Of EUV/Soft X Ray Radiation Source / CSIR –Central Electronic Engineering Research Institute Rajasthan	
14.	Vivek Shukla	Home Automation Using Wi-Fi/ Electronic Corporation Of India Limited	