

Virtual Meeting (Google- Meet) of Board of Studies (Physics)

A Virtual Meeting of Board of Studies of Physics Constituted under Autonomous Scheme of UGC at Rajeev Gandhi Govt. P.G. College Ambikapur C.G. was held on 30th, August 2019 at 3:00 P.M. to discuss, review and arrive at consensus to prescribe the course contents for the Students of M.Sc. Physics of the College for the Sessions 2019-20.

Agenda of Meeting:-

- (1) The syllabus of post graduate M.Sc. Physics Class.
- (2) The laboratory syllabus and its applicability.
- (3) The scheme of marks and unit wise distribution of marks.

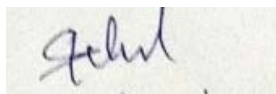
The Following members attended the meeting and expressed their views on the matter:-

1. Dr. S. K. Srivastava, Chairman, Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
2. Dr. A P Goswami, Professor & Head of Physics, Govt. Bilasa Girls P.G College, Bilaspur - External member
3. Dr. M. K. Maurya- Assistant Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
4. Miss Shimran Soni- Ex Student of Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur

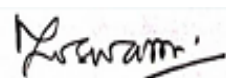
The Minute of the Meeting is enclosed herewith:-

Signature of members

1. Dr. S. K. Srivastava,



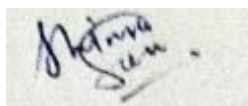
2. Dr. A. P. Goswami-



3. Dr. M.K. Maurya-



4. Miss Shimran Soni



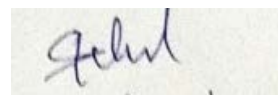
The Minutes of the Meeting

The following decisions have been taken during the meeting-

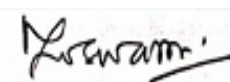
- (1) The syllabus of M.Sc. III Sem,
Paper-I: Solid State Physics, in unit V the structure of crystallography is taken into account for its utility.
- (2) In the M.Sc. II Semester, the syllabus and marks distribution are in same and used as it is in previous session.
- (3) The marking scheme and unit wise distribution of marks are as same as proceeding year.
- (4) The rest of the syllabus will be adopted as it was during the previous session

Signature of members

1. Dr. S. K. Srivastava- Chairman-



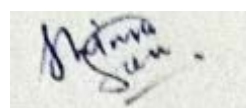
2. Dr. A. P. Goswami- External Member-



3. Dr. M.K. Maurya- Internal Member-



4. Miss Shimran Soni- Ex-Student-



Virtual Meeting (Google- Meet) of Board of Studies (Physics)

A Virtual Meeting of Board of Studies of Physics Constituted under Autonomous Scheme of UGC at Rajeev Gandhi Govt. P.G. College Ambikapur C.G. was held on 18th January 2021 to discuss, review and arrive at consensus to prescribe the course contents for the Students of M.Sc. Physics of the College for the Sessions 2020-21.

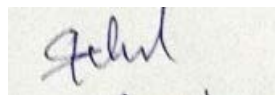
The Following members attended the meeting and expressed their views on the matter:-

1. Dr. S. K. Srivastava, Chairman, Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
2. Dr. S. K Gupta, Professor & Head of Physics, Govt. Science College, Bilaspur - External member
3. Dr. M. K. Maurya- Assistant Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
4. Miss Shimran Soni- Ex Student of Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur

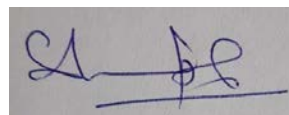
The Minute of the Meeting: The Committee decided that the syllabus of M.Sc. (Physics) will be adopted as it was during the previous session.

Signature of members

1. Dr. S. K. Srivastava- Chairman-



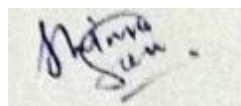
2. Dr. S. K. Gupta- External Member-



3. Dr. M.K. Maurya- Internal Member-



4. Miss Shimran Soni- Ex-Student-



Virtual Meeting (Google- Meet) of Board of Studies (Physics)

A Virtual Meeting of Board of Studies of Physics Constituted under Autonomous Scheme of UGC at Rajeev Gandhi Govt. P.G. College Ambikapur C.G. was held on 2nd, September 2021 to discuss, review and arrive at consensus to prescribe the course contents for the Students of M.Sc. Physics of the College for the Sessions 2021-22 .

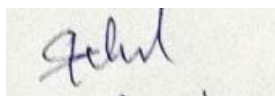
The Following members attended the meeting and expressed their views on the matter:-

1. Dr. S. K. Srivastava, Chairman, Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
2. Dr. S. K Gupta, Professor & Head of Physics, Govt. Science College, Bilaspur - External member
3. Dr. M. K. Maurya- Assistant Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
4. Miss Shimran Soni- Ex Student of Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur

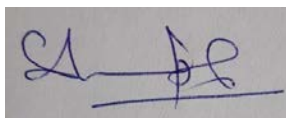
The Minute of the Meeting is enclosed herewith:-

Signature of members

1. Dr. S. K. Srivastava,



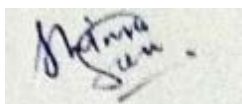
2. Dr. S. K. Gupta-



3. Dr. M.K. Maurya-



4. Miss Shimran Soni



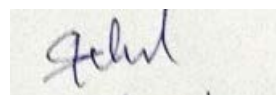
The Minutes of the Meeting

The following resolution were passed unanimously-

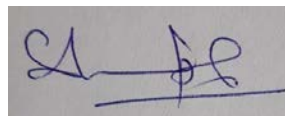
- (1) The syllabus of M.Sc. I (Sem), II Sem, III Sem & IV Semester will be same as earlier.
- (2) New Value added course-(a) **Space Physics** is added at PG level in I Semester.
- (3) The changes will be adopted in the current Session- 2021-22
- (4) The rest of the syllabus will be adopted as it was during the previous session

Signature of members

1. Dr. S. K. Srivastava- Chairman-




2. Dr. S. K. Gupta- External Member-



3. Dr. M.K. Maurya- Internal Member-



4. Miss Shimran Soni- Ex-Student-



Virtual Meeting (Google- Meet) of Board of Studies (Physics)

A Virtual Meeting (Online/offline) of Board of Studies of Physics Constituted under Autonomous Scheme of UGC at Rajeev Gandhi Govt. P.G. College Ambikapur C.G. was held on 13th, August 2022 to discuss, review and arrive at consensus to prescribe the course contents for the Students of B.Sc. (Physics), B.Sc. (Electronics), & M.Sc. (Physics) of the College for the Sessions 2022-23.

Agenda of Meeting:-

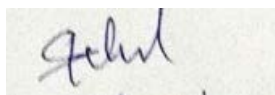
1. The syllabus of Undergraduate Four Year Programme in Physics & Electronics under NEP-2020 based CBCS pattern will be discussed.
2. The Choice based credit system syllabus of M.Sc. I, II, III & IV semester will be discussed.
3. Value added courses for the UG and PG levels will be discussed.
4. Skill oriented Courses will also be discussed.

The Following members attended the meeting and expressed their views on the matter:-

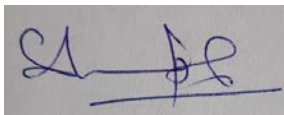
1. Dr. S. K. Srivastava, Chairman, Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
2. Dr. S. K Gupta, Professor & Head of Physics, Govt. Science College, Bilaspur - External member
3. Dr. M. K. Maurya- Assistant Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
4. Miss Shimran Soni- Ex Student of Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur

Signature of members

1. Dr. S. K. Srivastava- Chairman-



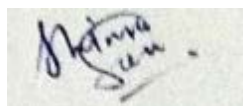
2. Dr. S. K. Gupta- External Member-



3. Dr. M.K. Maurya- Internal Member-



4. Miss Shimran Soni- Ex-Student-



The Minutes of the Meeting

The meeting was focused on NEP-2020 and concluded on the basis of opinion and discussion of the committee members respectively.

The following resolution were passed unanimously-

- (1) Syllabus has been prepared for undergraduate course as per **NEP-2020** and Higher education department, Chhattisgarh Government.
- (2) Four year **B.Sc. (Physics) Honours & B.Sc. (Electronics) Honours** courses included and prepared according to **Choice Based Credit System (CBCS)** pattern.

four year undergraduate	Code name	Paper name	Theory Credit	Practical Credit	Total Credit
B.Sc. (Physics) Sem.-I	VACPHY-01	Basic Physics of Nanotechnology-I	2	-	2
	SECPHY-01	Electronic Instrumentation-I	-	2	2
	DSCPHY-01	DSC-PHYSICS: Mechanics	3	-	4
		DSC-LAB-I: Mechanics	-	1	

	GECPHY-01	GEC-PHYSICS: GENERAL PROPERTIES OF MATTER	3	-	4
		GEC-LAB-I: GENERAL PROPERTIES OF MATTER	-	1	
B.Sc. (Physics) Sem.-II	VACPHY-02	Bas Basic Physics of Nanotechnology-II	2	-	2
	SECPHY-02	Electronic Instrumentation-II	2	-	2
	DSCPHY-02	DSC-PHYSICS: ELECTRICITY AND MAGNETISM	3	-	4
		DSC-LAB-II: ELECTRICITY AND MAGNETISM	-	1	
	GECPHY-02	GEC- MATHEMATICAL PHYSICS	3	-	4
		GEC-TUTORIAL-I: MATHEMATICAL PHYSICS-I	-	1	
B.Sc. (Physics) Sem.-III	DSCPHY-03	DSC-PHYSICS: THERMAL PHYSICS	3	-	4
		DSC-LAB-II: THERMAL PHYSICS	-	1	
	DSEPHY-01	DSEC- DIGITAL SYSTEM AND APPLICATIONS	3	-	4
		DSEC-TUTORIAL-: DIGITAL SYSTEM AND APPLICATIONS	-	1	
B.Sc. (Physics) Sem-IV	DSPHYC-04	DSC-PHYSICS: WAVES AND OPTICS	3	-	4
		DSC-LAB-II: WAVES AND OPTICS	-	1	
	DSEPHY-02	DSEC- MATHEMATICAL PHYSICS-II	3	-	4
		DSEC-TUTORIAL-: MATHEMATICAL PHYSICS-II	-	1	
B.Sc. (Physics) Sem-V	DSCPHY-05	DSC-PHYSICS: ELEMENTS OF MODERN PHYSICS	3	-	4
		DSC-LAB-II: ELEMENTS OF MODERN PHYSICS	-	1	
	DSEPHY-03	DSEC- QUANTUM MECHANICS	3	-	4
		DSEC-TUTORIAL-I: QUANTUM MECHANICS	-	1	
	GECPHY-03	DEC- QUANTUM MECHANICS	3	-	4
		GEC-TUTORIAL-I: QUANTUM MECHANICS	-	1	
B.Sc. (Physics) Sem.VI	DSCPHY-06	DSC-PHYSICS: SOLID STATE PHYSICS-I	3	-	4
		DSC-LAB-II: SOLID STATE PHYSICS-I	-	1	
	DSEPHY-04	DSEC- ANALOG SYSTEM AND APPLICATIONS	3	-	4
		DSEC-LAB: ANALOG SYSTEM AND APPLICATIONS	-	1	

	GECPHY-04	GEC- ANALOG SYSTEM AND APPLICATIONS	3	-	4
		GEC-LAB: ANALOG SYSTEM AND APPLICATIONS	-	1	
B.Sc. (Physics) Sem.-VII	DSCPHY-07	DSC-PHYSICS: SOLID STATE PHYSICS-II	3	-	4
		DSC-LAB: SOLID STATE PHYSICS-II	-	1	
	DSEPHY-05	DSEC- ELECTROMAGNETIC THEORY	3	-	4
		DSEC-LAB: ELECTROMAGNETIC THEORY	-	1	
	DSEPHY-06	DSEC- NUCLEAR & PARTICLE PHYSICS-I	3	-	4
		DSEC-LAB: NUCLEAR & PARTICLE PHYSICS-I	-	1	
	DSEPHY-07	DSEC- STATISTICAL MECHANICS	3	-	4
		DSEC-LAB: STATISTICAL MECHANICS	-	1	
B.Sc. (Physics) Sem.-VIII	DSCPHY-08	DSC-PHYSICS: PHYSICS OF DEVICES AND INSTRUMENTS	3	-	4
		DSC-LAB: PHYSICS OF DEVICES AND INSTRUMENTS	-	1	
	DSEPHY-08	DSEC- NUCLEAR & PARTICLE PHYSICS-II	3	-	4
		DSEC-LAB: NUCLEAR & PARTICLE PHYSICS-II	-	1	
	DSEPHY-09	DSEC- ELECTRONICS	3	-	4
		DSEC-LAB: ELECTRONICS	-	1	
	DSEPHY-10	DSEC- APPLIED OPTICS	3	-	4
		DSEC-LAB: APPLIED OPTICS	-	1	

(a) Curricular framework and credit system for the four year undergraduate programme in

Electronics as:

semester	Code name	Paper name	Theory Credit	Practical Credit	Total Credit
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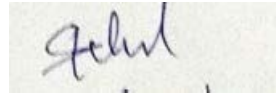
B.Sc. (Electronics) Sem.-I	VACELE 01	RENEWABLE ENERGY	2	-	2
	DSCELE 01	DSC-ELECTRONICS: Basic Circuit Theory	3	-	4
		DSC-LAB-I: Basic Circuit Theory	-	1	
	GECELE 01	GEC-ELECTRONICS: Basic Circuit Element	3	-	4
GEC-LAB-I: Basic Circuit Element		-	1		
B.Sc. (Electronics) Sem.-II	VACELE-02	Consumer Electronics	2	-	2
	DSCELE-02	DSC-ELECTRONICS: Electronic Circuit	3	-	4
		DSC-LAB-II: Electronic Circuit	-	1	
	GECELE-02	GEC-ELECTRONICS: Basic Semiconductor devices	3	-	4
GEC-TUTORIAL-I: Basic Semiconductor devices		-	1		
B.Sc. (Electronics) Sem.-III	DSCELE-03	DSC-ELECTRONICS: Linear and Digital Integrated Circuit	3	-	4
		DSC-LAB-II: : Linear and Digital Integrated Circuit	-	1	
	DSEELE-01	DSEC- PHOTONICS	3	-	4
		DSEC-TUTORIAL-: PHOTONICS	-	1	
B.Sc. (Electronics) Sem.-IV	DSCELE-04	DSC-ELECTRONICS: : Communication Electronics	3	-	4
		DSC-LAB-II: Communication Electronics	-	1	
	DSEELE-02	DSEC-ELECTRONICS- Electrical Machine	3	-	4
		DSEC-TUTORIAL- Electrical Machine	-	1	

B.Sc. (Electronics) sem.-V	DSCELE-05	DSC-ELECTRONICS: Microprocessor and Microcontroller	3	-	4
		DSC-LAB-II: ELECTRONICS: Microprocessor and Microcontroller	-	1	
	GECELE-03	GEC-ELECTRONICS- Microprocessor and Programe	3	-	4
		GEC-ELECTRONICS TUTORIAL-I: Microprocessor and Programe	-	1	
B.Sc. (Electronics) Sem.-VI	DSCELE-06	DSC-ELECTRONICS: Industrial Electronics	3	-	4
		DSC-LAB-II: Industrial Electronics	-	1	
	GECELE-04	GEC-ELECTRONICS- Power Electronics	3	-	4
		GEC-ELECTRONICS TUTORIAL-I: Power Electronics	-	1	

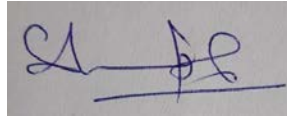
- (3) Credit system followed in curriculum and preparation of syllabus where 45 hours for theory classes = 3 credit and 30 hours for practical classes= 1 credit.
- (4) As per guidelines of UGC, NEP-2020, multiple exit programme, students who exit in one year will have certificate, 2 year will be awarded by diploma and 3 year will be awarded by degree.
- (5) Student's whose score more than 7.5 CGPA on the basis of above mentioned assessment, criteria and cumulative grading in three years will only be eligible to get admission in 4th year whereas rest of the student will be awarded graduation degree.
- (6) New Value added course-(a) **VAC: Basic Physics of Nanotechnology-I**
(b) **VAC: Basic Physics of Nanotechnology-II**, are added at UG level in Semester-I and Semester-II respectively.
- (7) New Value added course- **VAC: Computer Hardware and Mobile Networking** is added at PG level.
- (8) New Skill enhancement Course (a) **SEC: Electronic Instrumentation-I**
(b) **SEC: Electronic Instrumentation -II**, are added at UG level in Semester-I and Semester-II respectively.
- (9) The syllabus of M.Sc. I (Sem), II Sem, III Sem & IV Semster will be same as earlier.
- (10) The changes will be adopted in the current Session- 2021-22.
- (11) The rest of the syllabus will be adopted as it was during the previous session

Signature of members

5. Dr. S. K. Srivastava- Chairman-




6. Dr. S. K. Gupta- External Member-



7. Dr. M.K. Maurya- Internal Member-



8. Miss Shimran Soni- Ex-Student-



Virtual Meeting (Google- Meet) of Board of Studies (Physics)

A Virtual Meeting of Board of Studies of Physics Constituted under Autonomous Scheme of UGC at Rajeev Gandhi Govt. P.G. College Ambikapur C.G. was held on 5th, October 2023 at 2:00 P.M. to discuss, review and arrive at consensus to prescribe the course contents for the Students of M.Sc. Physics of the College for the Sessions 2023-24.

Agenda of Meeting:-

- (1) To approve the UG Syllabus of V and VI
- (2) To discuss about the credit system

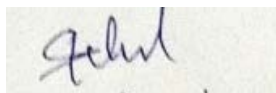
The Following members attended the meeting and expressed their views on the matter:-

1. Dr. S. K. Srivastava, Chairman, Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
2. Dr. A P Goswami, Professor & Head of Physics, Govt. Bilasa Girls P.G College, Bilaspur - External member
3. Dr. M. K. Maurya- Assistant Professor, Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur
4. Miss Shimran Soni- Ex Student of Deptt. of Physics, R.G. Govt. P.G. College, Ambikapur

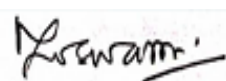
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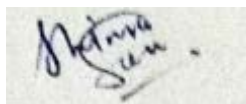
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3. Dr. M.K. Maurya-



4. Miss Shimran Soni



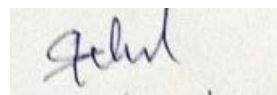
The Minutes of the Meeting

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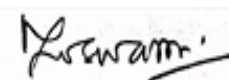
- (1) There is no change in the syllabus of M.Sc. (Physics) and Old UG semester course.
- (2) The syllabus of UG- B.Sc. I Sem, II, III, IV, V Semester as it mention in previous year.
- (3) The syllabus and evaluation pattern of PG classes are same.
- (4) The decisions have been made to discuss about the VAC Syllabus.

Signature of members


1. Dr. S. K. Srivastava- Chairman-



2. Dr. A. P. Goswami- External Member-



3. Dr. M.K. Maurya- Internal Member-



4. Miss Shimran Soni- Ex-Student-

