

19.10.2019

- आज दिनांक 19.10.2019 को रसायन शास्त्र के अध्ययन मण्डल की बैठक सम्पन्न हुई, जिसमें निम्नांकित सदस्य उपस्थित हुए -
1. श्रीमती सरोज तिवी  
विभागाध्यक्ष, रसायन शास्त्र  
अध्यक्ष, अध्ययन मण्डल any
  2. डॉ एम० के० सिन्हा  
सदस्य, अध्ययन मण्डल KS
  3. श्री सदीप कुमार कुशवाहा  
सदस्य, अध्ययन मण्डल any
  4. डॉ रामेश्वरी बजारा  
सदस्य, अध्ययन मण्डल any
  5. श्री हरिलाल सिंह  
सदस्य, अध्ययन मण्डल Wsignal
  6. कु० वर्षा सिंह  
सदस्य, अध्ययन मण्डल kingh
  7. श्रीमती यंजलि कुंठे  
सदस्य (मनोनीत मेधावी छात्रा) Aiyah

बैठक की कार्यवाही का विवरण

निम्नानुसार है -

- ① सत्र 2019-20 हेतु एम०एस-सी० प्रथम, द्वितीय, तृतीय एवं चतुर्थ सेमेस्टर का पाठ्यक्रम यथावत रखने का निर्णय लिया गया।
- ② प्रत्येक सेमेस्टर के प्रश्नपत्रों का क्रम विगत वर्ष के समान रखने का निर्णय लिया गया।
- ③ प्रत्येक प्रश्नपत्र की सैद्धान्तिक एवं आन्तरिक मूल्यांकन परीक्षा में न्यूनतम उत्तीर्णिक 36% प्राप्त करना अनिवार्य होगा।

- (4) प्रत्येक सेमेस्टर में आन्तरिक परीक्षा तथा सेमिनार में उत्तीर्ण छात्र-छात्राओं को ही सैद्धान्तिक परीक्षा में बैठने की पात्रता होगी।
- (5) छात्र-छात्राओं की उपस्थिति 75% होना अनिवार्य है।
- (6) सैद्धान्तिक एवं प्रायोगिक प्रश्नपत्रों में अंकों का विभाजन पूर्वकत रहेगा।

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Aiyah

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राजीव गांधी शासकीय स्नातकोत्तर महाविद्यालय, अम्बिकापुर,  
जिला-सरगुजा, छ0ग0

रसायनशास्त्र विभाग

अध्ययन मण्डल की बैठक दिनांक 25.01.2021

रसायनशास्त्र के अध्ययन मण्डल की बैठक दिनांक 25.01.2021 का अपरान्ह 12.30 बजे गूगल मीट के द्वारा आयोजित की गई जिसमें निम्नांकित सदस्य उपस्थित हुए-

01. श्रीमती सरोज तिकी (विभागाध्यक्ष रसायनशास्त्र), अध्यक्ष रसायन मण्डल — Cyru
02. डॉ. अनुपमा अस्थाना (विभागाध्यक्ष रसायनशास्त्र), शास. वि.य.ता.पी.जी. महाविद्यालय दुर्ग, छ.ग. Abhinav  
सदस्य, अध्ययन मण्डल
03. डॉ. किशोर अरोरा, प्राध्यापक रसायनशास्त्र, शास. स्नाकोत्तर महाविद्यालय, दतिया, म.प्र. Kishor  
25/01/2021
04. डॉ. एस.के. सिन्हा, सदस्य अध्ययन मण्डल SKS
05. श्री संदीप कुमार कुशवाहा, सदस्य अध्ययन मण्डल SDK
06. डॉ. रामेश्वरी आशीष बंजारा, सदस्य अध्ययन मण्डल RAB
07. श्रीमती अंजली दूबे, मनोनीत भूतपूर्व मेधावी छात्रा Anjali

बैठक में स्वशासी प्रणाली के अंतर्गत होने वाली एम.एससी. रसायनशास्त्र की कक्षाओं में लान् पाठ्यक्रम के संबंध में चर्चा की गई। चर्चा के उपरान्त सर्वसम्मति से निम्नलिखित निर्णय लिए गए-

01. चूंकि कोविड-19 की वजह से छात्र/छात्राओं का महाविद्यालय में प्रवेश वर्जित है और सत्र विलम्ब से शुरू होने के कारण पाठ्यक्रम में परिवर्तन किया जाना उचित नहीं है। अतः सत्र 2020-21 के लिए एम.एससी. प्रथम/द्वितीय/तृतीय/चतुर्थ सेमेस्टर रसायनशास्त्र का पाठ्यक्रम पूर्व की भांति यथावत रखने की अनुशांसा की गई।

01. श्रीमती सरोज तिकी — Cyru
02. डॉ. अनुपमा अस्थाना Abhinav
03. डॉ. किशोर अरोरा Kishor  
25/01/2021
04. डॉ. एस.के. सिन्हा SKS
05. श्री संदीप कुमार कुशवाहा SDK
06. डॉ. रामेश्वरी आशीष बंजारा RAB
07. श्रीमती अंजली दूबे Anjali

Seen  
Abhinav

# Rajeev Gandhi Govt. P. G. College Ambikapur

## Board of studies, Department of Chemistry

Meeting Date 03/10/2023

Time: 01:20 PM

Online/ offline meeting of the board of studies was held on 03/10/2023 at 01:20 pm in department of chemistry. The meeting was headed by Smt. Saroj Tirkey, Chairperson of board of studies with her welcome address . Following members were present in the very constructive and fruitful discussion about syllabus in the meeting:

1. Smt. Saroj Tirkey, Head of Dept. & Chairperson, Board of studies.
2. Dr. M.M. Vaishnav, Assistant Prof., Dept. of Chemistry, Govt. G.B. P.G. college Hardibazar, Korba. Member, Board of studies.
3. Dr. Nisha Tiwari, Assistant Prof., Dept. of Chemistry, Govt. Bilasa Girls . P.G. college, Bilaspur. Member, Board of studies.
4. Dr. Shekhar Kumar Sinha, Assistant Prof., Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur
5. Sandeep Kumar Kushwaha , Assistant Prof., Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur
6. Dr. Rameshwari A. Banzara, Assistant Prof., Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur
7. Smt. Shashikala Sanmani, Assistant Prof., Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur
8. Gitanjali Kushwaha, Guest Lecturer , Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur
9. Varsha Singh, Ex. Meritorious Student , Dept. of Chemistry, Rajeev Gandhi Govt. P. G. College Ambikapur

Following discussions and suggestions were evolved during meeting of board of board of studies:

- (i) Syllabus of session 2022-23 for M.Sc. I, II and IV semester will be retained same in session 2023-24.
- (ii) Paper III of M.Sc. III semester is Now pericyclic reations and photochemistry instead of Photochemistry, which involves restructuring of paper in accordance to current perspective. Rest papers are same as previous session.
- (iii) Syllabus for UG programme has been constructed in accordance to CBCS as per guidelines of NEP 2020 and was approved by all members.
- (iv) Old UG Autonomous semester course involves no change in syllabus.

The following papers are included in curriculum of B.Sc. Chemistry Hunours/ Gradation programme:

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# ACADEMIC PROGRAMME AND SCHEME

## B.Sc. CHEMISTRY (NEP) 2023-24

CLASS	COURSE TYPE	COURSE/PAPER	THEORY CREDIT/ Hrs.	PRACTICE CREDIT/ Hrs.
SEMESTER I	DSC I	ATOMIC STRUCTURE, BONDING, FUNCTIONAL ORGANIC CHEMISTRY I	3/45	1/30
SEMESTER II	DSC II	SOLUTION, EQUILIBRIA AND FUNCTIONAL ORGANIC CHEMISTRY II	3/45	1/30
SEMESTER III	DSC III	CONDUCTANCE, ELECTROCHEMISTRY & FUNCTIONAL GROUP ORGANIC CHEMISTRY-III	3/45	1/30
SEMESTER III	DSE I	s, p, d AND f BLOCK	3/45	1/30
SEMESTER IV	DSC IV	CHEMICAL KINETICS, SURFACE CHEMISTRY AND THERMODYNAMICS	3/45	1/30
SEMESTER IV	DSE II	Molecules of Life	3/45	1/30
SEMESTER V	DSC V	COORDINATION CHEMISTRY FUNCTIONAL GROUP ORGANIC CHEMISTRY-IV	3/45	1/30
SEMESTER V	DSE III	Organometallic Chemistry	3/45	1/30
SEMESTER VI	DSC VI	QUANTUM CHEMISTRY & PHOTOCHEMISTRY	3/45	1/30
SEMESTER VI	DSE IV	Solid State and Molecular Spectroscopy	3/45	1/30
SEMESTER I	GE-1	fundamental Chem Inorg. & Phy. Chem	3/45	1/30

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2/2/2024

Ravi

Naik

Singh

**Rajeev Gandhi Govt. Post Graduate College Ambikapur**

Board of Studies, Department of Chemistry

Meeting Date:-13/08/2022

Time:- 4:00 pm

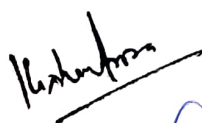
Online meeting of the board of studies held on 13/08/2022 at 4:00pm in Department of Chemistry. The meeting was formally started and addressed by Smt. Saroj Tirkey, Head of the Department. Following members were present and had a fruitful discussion in the meeting:

1. Smt. Saroj Tirkey, Head, Dept. of Chemistry, Chairperson, Board of Studies
2. Dr. Kishore Arora, Professor, Dept. of Chemistry, Govt. P. G. College Datiya (M.P) member
3. Dr. Shekhar Sinha, Asst. Prof., Dept. of Chemistry, Member, Board of Studies
4. Shri Sandip Kushwaha Asst. Prof., Dept. of Chemistry, Member, Board of Studies
5. Dr.(Mrs.)Rameshwari A. Banjara, Asst. Prof., Dept. Chemistry, Member, Board of Studies
6. Mrs. Shashikala Sanmani, Asst. Prof., Dept. of Chemistry, Member, Board of Studies
7. Ms. Anjali Dubey, Ex. Meritorious Student, Dept. of Chemistry, Board of Studies

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

- Syllabus 2021-2022 for post graduation will be retained same in session 2022-2023.
- Syllabus has been prepared for graduation (Autonomous) course as per guidelines of NEP 2020.
- Four years B. Sc. Honours course included and prepared according to CBCS system.
- Credit system followed in curriculum and preparation of syllabus where:  
60 hours theory classes - 04credit (15 hrs=1credit)  
30 hours practicum - 02 credit (15 hrs =1 credit)  
90 hours practical- 03 credit (30 hrs=1 credit)
- As per guidelines of UGC NEP 2020 multiple exit programme, students who exit in one year will have certificate and 2 years will be awarded by diploma.
- Students who score more than 7.5 CGPA on basis of above all mentioned assessment criteria and cumulative grading in three years will only be eligible to get admission in IV<sup>th</sup> year whereas rest of the students will be awarded graduation degree.

The following papers are included in curriculum of B. Sc. Chemistry Honours /Graduation programme:-













**FRAME WORK OF UNDERGRADUATE SYLLABUS CHEMISTRY BASED ON NEW  
EDUCATION POLICY -2022**

Semester	Code Name	Code No.	Paper Name	Class Credit	Practicum Credit	Total Credit
Semester I	ICC	CHE-12	Introductory Course-I Atomic structure, bonding, general organic chemistry & aliphatic hydrocarbons	04	02	06
			Practical		03	03
Semester II	ICC	CHE-13	Introductory Course-II Chemical Energetic, equilibria & functional organic chemistry	04	02	06
			Practical		03	03
Semester III	ICC	CHE-14	Introductory Course-III Solutions, phase equilibrium, conductance, electrochemistry & functional group organic chemistry	04	02	06
			Practical		03	03
Semester IV	DIMC	CHE-208A	Major elective chemistry-I Coordination chemistry, states of matter & chemical kinetics	04	02	06
	DIMC	CHE-208B	Major elective chemistry-I Applications of computers in chemistry			
	DIMC	CHE-209A	Major elective chemistry-II Physical chemistry: conductance and chemical kinetics	04	02	06
	DIMC	CHE-209B	Major elective chemistry-II Analytical methods in chemistry			
			Practical		03	03
	IMC (M)	CHE-361-I	Interdisciplinary minor paper-I	04	02	06
		Practical		03	03	
Semester V	DIMC	CHE-210A	Major elective chemistry-I Organometallics, bioinorganic chemistry, polynuclear hydrocarbons and UV, IR spectroscopy	04	02	06
	DIMC	CHE-210B	Major elective chemistry-I Molecular modelling & drug design			
	DIMC	CHE-211A	Major elective chemistry paper-II Molecules of life	04	02	06

	DIMC	CHE-211B	Major elective chemistry paper-II Novel Inorganic solids			
	DIMC	CHE-212A	Major elective chemistry paper-III Coordination chemistry	04	02	06
	DIMC	CHE-212B	Major elective chemistry paper-III Polymer chemistry			
			Practical			03
	IMC (M)	CHE-361-II	Interdisciplinary minor paper-II	04	03 02	06

			Practical		03	03
Semester VI	DIMC	CHE-213A	Major elective chemistry paper-I Organic chemistry	04	02	06
	DIMC	CHE-213B	Major elective chemistry paper-I Analytical clinical biochemistry			
	DIMC	CHE-214A	Major elective chemistry paper-II Spectroscopy and applied organic chemistry	04	02	06
	DIMC	CHE-214B	Major elective chemistry paper-II Instrumental methods of chemical analysis			
	DIMC	CHE-215A	Major elective chemistry paper-III Quantum chemistry, spectroscopy & photochemistry	04	02	06
	DIMC	CHE-215B	Major elective chemistry paper-III Industrial chemicals and environment			
			Practical		03	03
	IMC (M)	CHE-361-III	Interdisciplinary minor paper-III	04	02	06
			Practical		03	03

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