



List of Programme(s)

Department: Chemistry

List of Programmes having Components of field

Sr. No.	Programme Code	Programme Name	Academic Year
01.	104	B.Sc. (Hons)	2019-20



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

Academic Year : 2019-20

School : School of Studies of Physical Science

Department : Chemistry

Date and Time : Nov. 03, 2017 - 11:30 AM

Venue : Meeting room

The scheduled meeting of member of Board of Studies (BoS) of Department of Chemistry, School of Studies of Physical Science, Guru Ghasidas Vishwavidyalaya, Bilaspur was held to design and discuss the structure and scheme of examination of Integrated UG/PG, M. Sc. Chemistry syllabi.

The following members were present in the meeting:

1. Prof. Bali Ram (External Expert Member BoS, Dept. of Chemistry, BHU, Varanasi)
2. Prof. G. K. Patra (Member BoS, Dept. of Chemistry)
3. Dr. Charu Arora (HOD, Associate Prof., Dept. of Chemistry-cum Chairman, BOS)
4. Dr. Arti Srivastava (Member BoS, Assistant Professor, Dept. of Chemistry)

Following points were discussed during the meeting

1. Draft prepared to revise course structure and scheme of examination in the light of UGC directives (as per CBCS Scheme) to be implemented from 2018-19.
2. Elective paper Advanced Quantum and Computational Chemistry (CMT-405) has been incorporated in M.Sc. IV sem.
3. The core paper Organic Chemistry-IV (CBT-503) of B.Sc.-Vth sem has been interchanged with core paper Physical Chemistry-IV (CBT-601) to justify semester wise teaching load.

The following new courses were introduced in the B. Sc. and M. Sc.:

- ❖ B. Sc. CBCS scheme
- ❖ Advanced Quantum and Computational Chemistry (CMT-405)

अध्यक्ष/Head
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Bilaspur 495009 (C.G.)

Signature & Seal



Scheme

B.Sc. Hon's Programme: Department of Chemistry

Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
I	Core-1	CBT-1	Inorganic Chemistry I:	4	4
	Core -1 Practical	CBL-1	Inorganic Chemistry-1 Practical	2	4
	Core -2	CBT-2	Physical Chemistry I:	4	4
	Core -2 Practical	CBL-2	Physical Chemistry-1 Practical	2	4
	Generic Elective -1		1A Physics-I 1B Mathematics-I 1C Zoology-I 1D Botany-I	4	4
	Generic Elective - Practical		Generic Elective – Practical-I	2	4
	Ability Enhancement Compulsory Course (AECC)		English Communication / MIL	4	4
	ECA		ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta/ vocational Training/ Sports/ others	2	(2)
		TOTAL	24	28	
II	Core-3	CBT-3	Organic Chemistry-I	4	4
	Core -3 Practical	CBL-3	Organic Chemistry-I Practical	2	4
	Core -4	CBT-4	Physical Chemistry-II	4	4
	Core -4 Practical	CBL-4	Physical Chemistry-II Practical	2	4
	Generic Elective -2		2A Physics-II 2B Mathematics-II 2C Zoology-II 2D Botany-II	4	4
	Generic Elective - Practical		Generic Elective – Practical-II	2	4
	Ability Enhancement Compulsory Course (AECC)		Environmental Science	4	4
	ECA		ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta/ vocational Training/ Sports/ others	2	(2)
		Total	24	28	

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SUMMER Internship: 15 days			Swayam Swachhta / NSS / Industrial/ others	2	100
III	Core-5	CBT-5	Inorganic Chemistry II	4	4
	Core -5 Practical	CBL-5	Inorganic Chemistry II: Practical	2	4
	Core -6	CBT-6	Organic Chemistry-II	4	4
	Core -6 Practical	CBL-6	Organic Chemistry-II : Practical	2	4
	Core - 7	CBT-7	Physical Chemistry-III	4	4
	Core - 7 Practical	CBL-7	Physical Chemistry-III: Practical	2	4
	Generic Elective -3		3A 3B 3C 3D	4	4
	Generic Elective - Practical			2	4
	Skill Enhancement Course (SEC - 1)		Select one from the Pool of SEC courses offered by different departments	4	2 (4)
			Total	28	34
IV	Core-8	CBT-8	Inorganic Chemistry III:	4	4
	Core -8 Practical	CBL-8	Inorganic Chemistry III: Practical	2	4
	Core -9	CBT-9	Organic Chemistry III	4	4
	Core -9 Practical	CBL-9	Organic Chemistry III: Practical	2	4
	Core - 10	CBT-10	Physical Chemistry-IV	4	4
	Core -10 Practical	CBL-10	Physical Chemistry-IV: Practical	2	4
	Generic Elective - 4		4A 4B 4C 4D	4	4
	Generic Elective - Practical			4	4
	Skill Enhancement Course (SEC -2)		Select one from the Pool of SEC courses offered by different departments	4*	2 (4)
			TOTAL	28	34
SUMMER Internship: 15 days			Swayam Swachhta / NSS / Industrial/ others	2	100
V	Core-11	CBT-11	Organic Chemistry IV	4	4
	Core -11 Practical	CBL-11	Organic Chemistry IV: Practical	2	4

	Core -12	CBT-12	Physical Chemistry-V	4	4
	Core -12 Practical	CBL-12	Physical Chemistry-V: Practical	2	4
	Discipline Specific Elective (DSE-1)	DSE-1-THEORY	DSE-I : Theory	4	4
	DSE-1 - Practical	DSE-1-LAB	DSE-I: Practical	2	4
	Discipline Specific Elective (DSE-2)	DSE-2-THEORY	DSE-II : Theory	4	4
	DSE-2 - Practical	DSE-2-LAB	DSE-II: Practical	2	4
			TOTAL	24	32
VI	Core-13	CBT-13	Inorganic Chemistry IV	4	4
	Core -13 Practical	CBL-13	Inorganic Chemistry IV: Practical	2	4
	Core -14	CBT-14	Organic Chemistry V	4	4
	Core -14 Practical	CBL-14	Organic Chemistry V: Practical	2	4
	Discipline Specific Elective (DSE-3)	DSE-3-THEORY	DSE-III : Theory	4	4
	DSE-3 - Practical	DSE-3-LAB	DSE-III: Practical	2	4
	Discipline Specific Elective (DSE-4) + DSE-4 - Practical	DSE-4-Project		4+2=6	8
	Or Dissertation/ Project work followed by seminar		Dissertation/ Project work followed by seminar	Or 5+1=6	
			TOTAL	24	32
				TOTAL CREDITS	152 + 4 (SI)

As per UGC CBCS guidelines, University / departments have liberty to offer GE and SEC courses offered by one department to students of other departments. The No. of GE course is four. One GE course is compulsory in first 4 semesters each.
Minimum One Skill Enhancement course shall be proposed by each department. (4 credits) [4 L or 2L + 2P or 1L + 3P or 3L + 1T] 1P = 2 hours



List of students undertaking Field Projects/Projects / Internships

Sr. No.	Programme Name	Name of the Student	Link of Certificate
01.	B. Sc. (Hons)	Aditi Verma	http://164.100.113.105/attachments/attachments/department/Aditi_Verma.pdf
02.	B. Sc. (Hons)	Ashish Kumar Dhritlahre	http://164.100.113.105/attachments/attachments/department/Ashish_Ku_Dhritlahre.pdf
03.	B. Sc. (Hons)	Kiran Kumari	http://164.100.113.105/attachments/attachments/department/kiran_certificate.pdf
04.	B. Sc. (Hons)	Malwika Baghel	http://164.100.113.105/attachments/attachments/department/Malwikacertificate2020.pdf
05.	B. Sc. (Hons)	Pankaj Dhirhe	http://164.100.113.105/attachments/attachments/department/Pankaj_Dhirhe.pdf
06.	B. Sc. (Hons)	Shrishtishree Mahapatra	http://164.100.113.105/attachments/attachments/department/Shrishtishree_Mahapatra.pdf
07.	B. Sc. (Hons)	Shubham Mahto	http://164.100.113.105/attachments/attachments/department/shubham_mahto_certificate.pdf
08	B. Sc. (Hons)	Supriya Acharya	http://164.100.113.105/attachments/attachments/department/Supriya_acharya.pdf
09.	B. Sc. (Hons)	Tulsi Singh Gartia	http://164.100.113.105/attachments/attachments/department/TULSI_SINGH_GARTIA.pdf