

COURSE OUTCOME, PROGRAMME OUTCOME & PROGRAMME SPECIFIC OUTCOME (CO'S, PO'S & PSO'S)

B.Sc. (Subject - Chemistry)

COURSE OUTCOME

The purpose of the B.Sc. programme at Shri Shankaracharya Mahavidyalaya Junwani, Bhilai is to provide the key knowledge, base and laboratory resources to prepare students for achieving their career goals as professionals in the field of chemistry and related fields. They will be able to work as chemists, technicians in different laboratories and can pursue M. Sc. in Chemistry or may go for research work.

Department of Botany

(Bachelor of Science)

**Course Outcome
(CO):**

Upon completion of this course students will be able:

- To acquire knowledge relevant to microbes and lower plants with practical knowledge.
- To make aware the application of these studies to become entrepreneur.
- To become employee of related scientific industries such as supplier of classwork material, slides, specimen etc.

- To become a taxonomist.
- To acquire knowledge relevant to structure, development and reproduction in flowering plants with practical knowledge.
- To become employee of biotechnology and genetic engineering related industries.
- To appear different competitive examination conducted at national and state level.
- To become a teacher in an educational institution.
- To appear different in competitive examination conducted at national and state level.
- To become a laboratory technician.

DEPARTMENT OF ZOOLOGY

(Bachelor of Science)

<u>COURSE</u>	
<u>OUTCOME -</u>	

1. Students familiar with Morphology, Anatomy, and Physiology of different groups of animals.
2. Students develop interest in the field of Taxonomy procedure and nomenclature, which is the basic requirement for classification of different animals, due to diversity among them.

3. Students develops concern regarding environment degradation and takes initiative to Protect and conserve it.
4. Students develop skill and basic knowledge in the Practical work.
5. Students development and impart their knowledge in the field of Applied Zoology.
6. Further opportunities after Graduation the students can opt for Masters in endless career opportunities such as: Masters in Health care sciences, applied zoology and Forensic Sciences.
7. Endless job opportunities: Ecologist, Environmental consultant, Field trails officer, Nature conservation officer, Biomedical Scientists, Research scientists in life sciences.

BACHELOR OF COMMERCE

COURSE OUTCOME:

The three year course has been broken up into three Parts.

Part-I known as

B. Com. Part-I Examination at the end of first year. Part-II Examination at the end of the second year, and Part-III Examination at the end of the third year.

	<p>A candidate who after passing (10+2) Higher Secondary or Intermediate examination of Chhattisgarh Board of Secondary Education, Raipur or any other examination recognized by the University or Chhattisgarh Board of Secondary Education as equivalent there to has attended a regular course of study in an affiliated college or in the Teaching Department of the University for one academic year, shall be eligible for appearing at the B.Com. Part-I examination.</p>
--	--

A candidate after passing B.Com Part-I examination of the University or any other examination recognized by the University as equivalent thereto has attended a regular course of study for one academic year in an affiliated College or in the Teaching Department of the University, shall be eligible for appearing in the B.Com Part-II examination.

A candidate after passing B.Com Part-II examination of the University has completed a regular course of study for one academic year in an affiliated College or in the Teaching Department of the University, shall be eligible for appearing at the B.Com part-III examination. Besides regular students, subject to their compliance with this ordinance, ex-students and non-collegiate students shall be eligible for admission to the examination as per provision of Ordinance No. 6 relating to examinations (General). Provided that non-collegiate candidates shall be permitted to offer only such subject/ papers as are taught to the regular students at any of the University Teaching Department or College. Every candidate for B.Com Examination shall be examined in subjects as mentioned in the marking scheme and course or studies.

A candidate who has passed the B.Com Part-III examination of the University shall be allowed to present him of examination in any of the additional subjects prescribed for the B.Com. Examination and not taken by him at the degree examination. Such candidate will have to first appear and pass the B. Com. Part-I examination in the subject which he proposes to offer then the B.Com. Part-II and Part-III examination in the same subject. Successful candidates will be given a certificate to that effect.

In order to pass at any part of the three year degree course examination, an examinee must obtain not less than 33% of the total marks in each paper/group of subjects.

In group where both theory and practical examinations are provided an examinee must pass in both theory and practical parts of examination separately. Candidate will have to pass separately at the Part-I, Part-II and Part-III examination. No division shall be assigned on the result of the Part-I and Part-II examinations In determining the division of the Final examination, total marks obtained by the examinees in their Part-I, Part-II and Part-III examination in the aggregate shall be taken into account. Candidate will not be allowed to change subjects after passing Part-I examination.

Provided in case of candidate who has passed the examination through the supplementary examination having failed in one subject/group only, the total aggregate mark being carried over for determining the division, shall include actual marks obtained in the subject/group in which he appeared at the supplementary examination. Successful examinees at the Part - III examination obtaining 60% or more marks shall be placed in the First Division, those obtaining less than 60% but not less than 45% marks in the Second Division and other successful examinees in the Third Division.

BA, BSc & BCom (PART – I, II & III)

FOUNDATION COURSE

(ENGLISH LANGUAGE)

PAPER - II

COURSE OUTCOME:

The subject Foundation Course has been divided into two separate papers; Paper-II – English Language. The paper is of maximum marks 75 and minimum pass mark is 26. The candidate has to pass each paper separately.

At the end of the course in the English Language the student can:

- **Read** and write the in the language
- **Acquisition** - Student will acquire knowledge of the use and interpretation of the texts.
- **Engage** them in the life-long learning process.
- **Write** – Student can write and describe his thoughts in the language
- **Assist** students in the field of literacy, intellectuality, flexibility and adaptability to different cultures.
- **Understanding** – Students will develop an understanding of the less familiar texts and will read them more for the proper usage.

- **Description** – Students will be able to describe the incidences and events in the language
- **Aesthetic sense** - Students will develop an aesthetic sense and a sense of love towards the literature and learning.
- **Expressive** - The learning of the literature will make them more expressive and sharpen their artistic outlook.
- **Language** – Students will learn and use the literary language in their writings and will also be able to create poetry and prose of their own.
- **Future Scope** – Students can secure their future in the fields of translation, transcription, teaching and education, language curators etc.

हिन्दी विभाग

B.Com./B.Sc. /B.A. – F.C. –I Paper- (Hindi Language) (आधार पाठ्यक्रम हिन्दी भाषा)

Course Outcomes (COs): पाठ्यक्रम परिणाम

हेमचंद्र यादव विश्वविद्यालय दुर्ग द्वारा संचालित पाठ्यक्रम

1	हिंदी भाषा के व्याकरण नियमों को समझना ताकि बिना त्रुटियों के भाषा के उपयोग को विकसित किया जा सके।
2	समकालीन आवश्यकताओं के सहयोग से हिंदी भाषा व साहित्य को समझने के लिए।
3	युवाओं के बीच हिंदी भाषा का उपयोग को बढ़ावा देना और प्रसार के लिए।
4	प्रसिद्ध साहित्यकारों की दृष्टि से प्रेरणादायक जीवन दर्शन को विकसित करना।

5	कार्यालयीन हिंदी के माध्यम से अधिकारी पत्र लिखने के कौशल को विकसित करना।
6	बुनियादी सूचना कौशल को अद्यतन और विस्तृत करने के लिए ताकि विद्यार्थी हिंदी कंप्यूटिंग के महत्व और संभावनाओं से परिचित हो सकें।
7	आईसीटी की मदद से भाषा के उपयोग को बढ़ाने के लिए।
8	भारतीय संस्कृति और परंपरा के साथ हिंदी में संवाद कौशल और संप्रेषण की दक्षता अर्जित कर अखिल भारतीय और राज्य सेवाओं की प्रतियोगी परीक्षा में सम्मिलित हो सकें।
9	पाठ्यक्रम को समाप्त करने के उपरांत निम्नलिखित परिणाम मिल सकते हैं
10	भारतीय भारतीय लोक सेवा आयोग की प्रतियोगिता मूलक परीक्षा में बैठने की योग्यता प्राप्त होना
11	अनुवादक के रूप में देश के प्रशासनिक व्यवस्था अथवा विविध क्षेत्रों में सहायक के रूप में नियुक्ति
12	रचनात्मक लेखन के द्वारा भारतीय संस्कृति और साहित्य के क्षेत्र में अपना योगदान दे सकते हैं।
13	इस पाठ्यक्रम के माध्यम से विभिन्न सरकारी उच्च सरकारी एवं गैर सरकारी संस्थान जैसे –
	भारतीय रेलवे भर्ती बोर्ड, भारत संचार निगम लिमिटेड, भारतीय खाद्य निगम, संयुक्त रक्षा अकादमी,
	भारतीय इस्पात प्राधिकरण आदि पर कार्यरत हो सकते हैं
14	बैंकों में हिन्दी अधिकारियों की नियुक्ति तथा विभिन्न खेलों हेतु कमेन्टेटर की नियुक्ति।
15	फिल्म, दूरदर्शन, विज्ञापन, डिस्कवरी चैनल आदि में हिन्दी में डबिंग करने हेतु नियुक्ति।

16	कुछ बहुराष्ट्रीय कम्पनियों द्वारा हिन्दी भाषा के जानकारों को प्राथमिकता।
17	स्कूलों, महाविद्यालयों, विश्वविद्यालयों में हिन्दी अध्यापन-प्राध्यापन हेतु शिक्षकों-प्राध्यापकों के रूप में नियुक्ति।

B.A. – Hindi Literature (हिंदी साहित्य)

Course Outcomes (COs): पाठ्यक्रम परिणाम

1 हिंदी साहित्य की विविध विधाओं से परिचित होना ।

2 साहित्य के पठन-पाठन के माध्यम से मूल्यों के महत्व को प्रदर्शित करना।

3 साहित्य और भाषा के माध्यम से सामाजिक मुद्दों का समाधान करना।

4 विभिन्न साहित्यकारों के व्यक्तित्व एवं कृतित्व से परिचित होना ।

5 विद्यार्थियों को हिंदी की मूल आधार भाषाएं तथा विभिन्न बोलियों से अवगत कराना ।

6 हिंदी भाषा व साहित्य से जुड़ी ऐतिहासिक सांस्कृतिक पारंपरिक साहित्यिक शैक्षणिक पृष्ठभूमि की यात्रा से परिचित कराना ।

7 पाठ्यक्रम द्वारा अवसरों की उपलब्धता:-

1. सरकारी संस्थानों एवं सार्वजनिक उपक्रमों में हिन्दी अनुवादकों एवं हिन्दी अधिकारियों की नियुक्ति।

2. बैंकों में हिन्दी अधिकारियों की नियुक्ति तथा विभिन्न खेलों हेतु कमेंटेटर की नियुक्ति।

3 पटकथा लेखक,संवाद लेखक, विज्ञापन लेखक के रूप में नियुक्ति।

4 प्रूफ शोधक, निवेदक और सूत्र संचालक के रूप में नियुक्ति।

5 प्रिंट मीडिया एवं इलेक्ट्रॉनिक मीडिया में विभिन्न पदों में नियुक्ति।

6 फिल्म, दूरदर्शन, विज्ञापन, डिस्कवरी चैनल आदि में हिन्दी में डबिंग करने हेतु नियुक्ति।

7 कुछ बहुराष्ट्रीय कम्पनियों द्वारा हिन्दी भाषा के जानकारों को प्राथमिकता।

8 स्कूलों, महाविद्यालयों, विश्वविद्यालयों में हिन्दी अध्यापन-प्राध्यापन हेतु शिक्षकों – प्राध्यापकों के रूप में नियुक्ति।

BACHELOR OF ARTS

POLITICAL SCIENCE

First, Second &Third Year

Course Outcome:

01 Students will be able to access the primary literature, identify the relevant work for particular topic and evaluate the content of this study.

02 Establish the ideal political system and encourage students to participate in awareness programme.

03 The students should know the importance of democracy as the back bone of the nation.

04 Understand Constitutional Framework of state and central government.
05 Know about Right to Information Act.
06 Understand the basic concepts of political theories
07 Study the fundamental right and duties in reality
08 Analyze the thoughts of Political Thinkers.
09 To analyze the source and making of Constitution and understand the objectives of constitution.
10 To understand the importance of Preamble of the Constitution, Fundamental Rights, Directive Principles of State Policy
11 To analyze the working of the Union Executive - President, Vice-President, Prime Minister, Council of Ministers; State Executive-Governor, Chief Minister and Council of Ministers.
12 To understanding the working of the Union Legislature- Parliament-Composition and Functions and the Composition and functioning of the State Legislature-Vidhan Sabha; Panchayati Raj Institutions
13 To analyze the working of Judiciary-Supreme Court, High Courts, Judicial Review and Judicial
14 To Analyze the Federalism and its Working with reference to Centre-State Relations
15 To understand demand for State Autonomy; Emerging Trends in Indian Federalism.
16 To understand the working of Election Commission, Electoral Process and its defects and Voting Behavior, Electoral Reforms, Problem of Defection.

17 To analyze the Party System in India: National and Regional Political Parties, Interest and Pressure Groups.

18 Role of Caste, Religion, Language, Regionalism in India, Politics of Reservation, Emerging Trends and Challenges before Indian Political System.

Bachelor of Arts

Sociology

(B.A. PART – I, II & III)

COURSE OUTCOME:

At the end of the BA course with subject Sociology the student will be able:

- To acquire sociological knowledge by understanding basic concepts in sociology
- To other disciplines this will be an initiation to develop sociological imagination and to look beyond their immediate surroundings
- To understand the social processes and study of society.
- To reflect on the issues and changing trends in Indian society.
- To perceive the adaptive experiences by social groups in villages, towns, cities, and regions. Students will understand how the basic social units of family, caste, and community are intimately connected with one another and with other social units through social and cultural networks of various kinds that incorporate the social units into the complex structure of Indian society. Within this broadened conception of Indian society, students will be prepared to trace the changing relations of politics, and economics

- To introduce to the language and logic of research design in order to provide with a good foundation for future learning
- To learn first-hand about the successes and problems of research by trying out data collection method on a small scale

--

Course Outcome of History

1. प्राचीन भारतीय सभ्यता के इतिहास की जानकारी के अलावा अन्य प्राचीन सभ्यता, मेसोपोटामिया, मिस्त्र एवं सुमेरिया आदि की जानकारी प्राप्त करना ।
2. हमारे देश की सबसे प्राचीन सभ्यता हड़प्पा सभ्यता का अध्ययन कर उस युग विशेष के संस्कृति, नगर योजना,भवन निर्माण आदि की जानकारी प्राप्त कराना जो हमारी सभ्यता की वैभव को प्रदर्शित करता है ।
3. इतिहास किसी भी देश का नींव होता है। इतिहास से सीख लेकर वह अपना मार्ग प्रशस्त करता है। इतिहास की जानकारी प्राप्त कर बच्चे अतीत से प्रेरणा लेकर अपना मार्ग निर्धारित करेंगे।
4. इतिहास में हुए प्रमुख युद्धों जैसे प्रथम एवं द्वितीय विश्व युद्ध की विभीषिका से बच्चों को अवगत कराना। उन्हें सिख देना की युद्ध से दोनों पक्षों को हानि होता है। युद्ध असंतोष लाता है, शांति नहीं।
5. इतिहास विभाग के बच्चों को ऐतिहासिक भ्रमण कराकर उन्हें कला,संस्कृति,स्थापत्य कला एवं वैभव आदि की जानकारी प्रदान करना ।
6. बच्चों को सम्राट अशोक द्वारा किये गये कलिंग युद्ध के बाद बौद्ध धर्म स्वीकार करना, शांति, अहिंसा की नीति से अवगत कराकर अहिंसा नीति को स्वीकार करने हेतु प्रेरित करना ।
7. सम्राट अकबर की नीति – धार्मिक सहिष्णुता, प्रजा वत्सल नीति की शिक्षा देना ।
8. मुगल सम्राट औरंगजेब की धार्मिक कट्टरता व कठोर प्रशासन से बच्चो को अवगत कराना उनकी धार्मिक कट्टरता व कठोर प्रशासन किस प्रकार मुगल सम्राज्य के लिए अहितकर सिद्ध हुआ और सम्राज्य पतन की ओर अग्रसर हुऐ ।
9. भारत के आधुनिक इतिहास के अंतर्गत ब्रिटिश सम्राज्य की स्थापना से लेकर भारत छोड़ो आंदोलन तक हुए संघर्ष, राजाराम मोहन राय, स्वामी विवेकानन्द, सुभाष चंद्र बोष,भगत सिंह, सरदार वल्लभ भाई पटेल और महात्मा गांधी आदि अनेक महान आत्माओं की जानकारी देना ।

10. यद्यपि इतिहास विस्तृत विषय है, किन्तु स्कोरिंग विषय भी है। सभी प्रतियोगिक परीक्षाओं में इतिहास से कमोबेश प्रश्न पूछे जाते हैं इसलिए बच्चों को इतिहास की अध्ययन हेतु प्रेरित करना।

M. A. I Semester

Course Outcome (हिन्दी साहित्य का इतिहास : परम्परा और पद्धति)

CO1- छात्रों को हिन्दी रचना के आदिकाल से आधुनिक काल तक के सम्पूर्ण रचनाकारों की रचनाएं तथा उनके विषय का ज्ञान कराना।

CO2- छात्रों को हिन्दी गद्य के आविर्भाव के प्रधान कारणों, परिस्थितियों का परिचय कराना।

CO3- छात्रों को आधुनिक हिन्दी कविता के विकास के प्रमुख चरणों की प्रवृत्तियों, प्रभावों, उपलब्धियों तथा सिमाओं से अवगत कराना।

Course Outcome (प्राचीन और मध्य कालीन काव्य)

CO1- छात्रों को चंदवर दाई के पृथ्वीराज रासो का अध्यापन कराना।

CO2- छात्रों को विद्यापति पद्यावली के दस पदों का अध्यापन कराना।

CO3- छात्रों को कबीरग्रन्थावली एवं मलिक मोहम्मद जायसी के पद्यामावत के संकलित पदों का अध्यापन कराना।

Course Outcome (आधुनिक काव्य)

CO1- छात्रों को मैथिलीशरण गुप्त के साकेत, नवम सर्ग का अध्यापन कराना।

CO2- छात्रों को जयशंकर प्रसाद के कामायनी के चिंता तथा श्रद्धा सर्ग का अध्यापन कराना।

CO3- छात्रों को सूर्यकांत त्रिपाठी निराला तथा महादेवी वर्मा के संकलित पदों का अध्यापन कराना।

CO4- छात्रों को आधुनिक कवियों एवं उनकी रचनाओं से परिचित कराना।

Course Outcome (आधुनिक काव्य गद्य साहित्य)

CO1- छात्रों को चन्द्र गुप्त, हानुश, अंधा युग नाटकों का अध्यापन कराना।

CO2- छात्रों को रीढ़ की हड्डी, एक दिन, तांबे के कीड़े, तौलिये एकांकी का अध्ययन कराना।

CO3- छात्रों को पथ के साथी, आवारा मसीहा- चरितात्मक कृति का अध्यापन कराना।

CO4- छात्रों को ओमप्रकाश वाल्मिकी के आत्म कथा 'जूठन' का अध्यापन कराना।

M. A. II Semester

Course Outcome (उत्तर मध्य से आधुनिक काल तक)

CO1- छात्रों को रीतिकाल के नामकरण एवं प्रवृत्तियों से परिचित कराना।

CO2- छात्रों को आधुनिक हिन्दी काव्य की प्रवृत्तियों से परिचित कराना।

CO3- छात्रों को आधुनिक काल के प्रबंध और मुक्तक काव्य के तात्विक स्वरूप की जानकारी देना।

CO4- छात्रों को आधुनिक युग के काव्य प्रकारों के विकासक्रम से परिचित कराना।

CO5- छात्रों को द्विवेदी युग/छायावाद/प्रगतिवाद/प्रयोगवाद/नई कविता के प्रवृत्तियों से परिचित कराना।

CO6- छात्रों को हिन्दी गद्य की विविध विधाओं के उद्भव विकास से परिचित कराना।

Course Outcome (मध्यकालीन काव्य)

CO1- छात्रों को सूरदास के भ्रमण गीत सार के संकलित पदों की व्याख्या बताना।

CO2- छात्रों में रामचरित मानस के सुन्दर कांड का अध्यापन कराना।

CO3- छात्रों में बिहारी सतसई के प्रथम 100 दोहों का अध्यापन कराना।

Course Outcome (आधुनिक काव्य-2: प्रगतिवाद/प्रयोगवाद/नई कविता एवं समकालीन कविता)

CO1- छात्रों को अज्ञेय की संकलित रचनाओं की व्याख्या बताना।

CO2- छात्रों को मुक्तिबोध के अंधेरे में कविता की व्याख्या बताना।

CO3- छात्रों को नार्गार्जुन एवं रघुवीर सहाय के संकलित रचनाओं का अध्यापन कराना।

Course Outcome (आधुनिक गद्य साहित्य: उपन्यास/निबंध/कहानी)

CO1- छात्रों को गोदान एवं बाणभट्ट की आत्मकथा उपन्यास का अध्यापन कराना।

CO2- छात्रों में चढ़ती उमर, कविता क्या है, माटी की मुर्ते, वैषण्व की फिसलन निबंधों का अध्यापन कराना।

CO3- छात्रों को उसने कहा था, पुरस्कार, वापसी, शतरंज के खिलाड़ी, कहानियों का अध्यापन कराना।

M. A. III Semester

Course Outcome (साहित्य के सिद्धांत तथा आलोचना शास्त्र)

CO1- छात्रों को भारती काव्य शास्त्र के ज्ञान से परिचित कराना।

CO2- छात्रों काव्य लक्षण, काव्य हेतु, काव्य प्रायोजन और रस सिद्धांत से परिचित कराना।

CO3- छात्रों को अंलकार, रीति, वक्रोक्ति, ध्वनि और औचित्य सिद्धांत का अध्यापन कराना।

CO4- छात्रों को प्लेटो, अरस्तु, लॉजाइनस के काव्य सिद्धांतों से परिचित कराना।

CO5- छात्रों को मैथ्यू आर्नल्ड, टी.एस. इलियट तथा कॉलरिज के सिद्धांत से परिचित कराना।

Course Outcome (भाषा विज्ञान)

CO1- छात्रों को भाषा विज्ञान के स्वरूप, लक्षण एवं दिशाओं से परिचित कराना।

CO2- छात्रों को स्वन विज्ञान, वर्गीकरण, रूप विज्ञान उनके भेद अर्थ विज्ञान एवं उनके भेदों का अध्यापन कराना।

Course Outcome (कामकाजी हिन्दी एवं पत्रकारिता)

CO1- छात्रों को हिन्दी के विविध रूपों से परिचित कराना।

CO2- छात्रों को पारिभाषिक शब्दावली से परिचित कराना।

CO3- छात्रों को हिन्दी में कम्प्यूटर के प्रयोग की विधि से अवगत कराना।

CO4- छात्रों को हिन्दी पत्रकारिता के विषय से परिचित कराना।

Course Outcome (भारतीय साहित्य)

CO1- छात्रों को लोक साहित्य के स्वरूप तथा उसके अध्ययन के महत्व से परिचित कराना।

CO2- छात्रों को लोक साहित्य के विभिन्न विधाओं की जानकारी देना।

CO3- छात्रों को लोक साहित्य का महत्व समझाकर उसके विशेष अध्ययन के लिए प्रेरित करना।

CO4- छात्रों को अग्नि गर्भ उपन्यास, है वदन नाटक, कोच्चि के दरख्त नामक कविता का अध्यापन कराना।

M. A. IV Semester

Course Outcome (हिन्दी आलोचना तथा समीक्षा शास्त्र)

CO1- छात्रों को मनुविश्लेषण वाद, अस्तित्ववाद, स्वच्छनतावाद, माक्सवाद एवं आधुनिक समीक्षा की प्रवृत्तियों से परिचित कराना।

CO2- छात्रों को आधुनिक हिन्दी समीक्षों के समीक्षा सिद्धांत से परिचित कराना।

CO3- छात्रों को आधुनिक हिन्दी आलोचना के विकास परिचित कराना।

Course Outcome (हिन्दी भाषा)

CO1- छात्रों को हिन्दी भाषा के अंगो एवं विभिन्न शाखाओं का ज्ञान कराना।

CO2- छात्रों को विकास के संबंध में देवनागरी लिपि की विशेष जानकारी देना।

CO3- छात्रों को हिन्दी के शब्द भेदों के विकासक्रम का विवरण देना।

CO4- छात्रों को हिन्दी के शब्द भण्डार एवं व्याकरणिक स्वरूप से परिचित कराना।

Course Outcome (मीडिया लेखन एवं अनुवाद)

CO1- छात्रों को मीडिया लेखन, समाचार लेखन, वाचन, विज्ञापन लेखन आदि कलाओं से परिचित कराना।

CO2- छात्रों को दृश्य, श्रव्य माध्यम एवं इनकी विशेषताओं से परिचित कराना।

CO3- छात्रों को सिद्धांत एवं व्यवहार अनुवाद के स्वरूप से परिचित कराना।

Course Outcome (जनपदीय भाषा और साहित्य:छत्तीसगढ़ी)

CO1- छात्रों को लोक साहित्य के स्वरूप तथा उसके अध्ययन के महत्व से परिचित कराना।

CO2- छात्रों को छत्तीसगढ़ी कविता एवं कवियों से परिचित कराना।

CO3- छात्रों को नाटक एवं उपन्यास से परिचित कराना।

CO4- छात्रों को लोक साहित्य के विविध विधाओं की जानकारी देना।

COURSEOUT COME (SOCIOLOGY)

Scc-1	CO-1 Concept about tradition feudal economy out social structure, and Benightment and well as impait ab thinking and reasoning
	CO-2 Concept about social static and dynamics, low about three stages, positivesm.
	CO-3 Concept about division about labour in society and theory about suicide.
	CO-4 about vilfredo parato and their concept as theory about social change etc.
	CO-5 Concept related to social organic, Evolutions

Scc-2 Philosophical and Conceptual foundation about research methodology.	CO-1: Methodological Perspectives in Sociology.
	CO-2: Learn Concept about social research and problem about social research.
	CO-3: Learn about research design.
	CO-4: Linder stand about qualitative research.
	CO-5: Find out inter disciplinary research.

Scc-3 Social Chang in India	CO-1: Learn about linear theory and cyclic theory.
	CO-2: discuss Cultural and religious Change and also tecnological
	CO-3: To understand Sanskritization secularization etc.
	CO-4: about changes in tribal and rural Economy.
	CO-5: Understand the regalia activities.
Scc-4 Rural Sociology	CO-1: To Understand Concept of Peasant and agrarian society.
	CO-2: Concept about agrarian and also social structure.
	CO-3: Discuss about rural leadership Panchayati raj as well as five year panis.
	CO-4: Concept at green revolution and land reform.
	CO-5: Understand about self help group ek.
SP-1	CO:1 Practical on field work and preparation about tools.
	CO-2: Learn about interview guide and case study.
SCC-5 Classical sociological	CO:1 Under stand about concept of class and class struggle and alienation and also stylops value

sociological thinkers.	CO:2 Concept at leisure class and social change.
	CO:3 Understand about concept at status, class and power.
	CO:4 Understand about pattern variable, social system and also means at Social Control.
	CO:5 Concept about reference group, anomie and parading of furfural analysis.
SCC-6 quantitative research techniques in sociology	CO:1 Concept at sampling.
	CO:2 Techniques at survey research.
	CO:3 Understanding levels at measurement and sociometry
	CO:4 Importance and li levitation at statics.
	CO:5 Social research, act in research and participatory research.
Scc- 07 Sociology of development	CO:1 Concept about modernization morsist, dependency, alternative
	CO:2 Understand about human indicator indoor, unsustainable development etc.
	CO:3 Concept of five year plan, glaciation.
	CO:4 Concept at development and displacement.

	CO:5 Concept about gender disclination, sustainability
Scc- 08 Indian rural society	CO:1 Concept of tribal society and agrarian society
	CO:2 Concept of migration land alienation, poverty.
	CO:3 Concept of heath education changing status at rural woman and inequality.
	CO:4 Concept of tebhaga and Telangana movement.
	CO:5 Concept of halite movement.
S.P. 2	CO:1 Field work and preparation at tools.
	CO:2 Concept and field work at questionnaire interview, schedule, preparation and tabulation.
Scc – 9 Classical sociological Theories	CO:1 Contribution of comte and Durkheim.
	CO:2 Concept of Contribution of parsons and merton.
	CO:3 Concept of contribution at Coser, mary dahrondorf.
	CO:4 Contribution of red chlif brown and Levi-Strauss.
	CO:5 Contribution of peter blay and George homons.

Scc – 10 Social Movements in India	CO:1 Nature and types of social movement
	CO : 2 Class, caste ethnicity and gender, role at media in social movement
	CO : 3 Concept at Marxian, and past Marxian, past modernist etc.
	CO : 4 Concept at labour and trade union, tribal peasant, Nabilatuk
	Co: 5 delit , woman, and Environment
Scc – 11 Perspectives at study to Indian society	CO:1 Textual perspective just like G.S glurye louis demount.
	CO 2: Concept of structural factualism m.n shriniuas S.C dusey etc.
	CO:3 Approach of study D.P. Mutharjee and a.r. desai.
	Co:4 Approach of study aimsdear, and Hardiman.
	CO:5 Approach of study N.K. bose surject society.
Scc – 12 Industry and society	CO:1 Concept of classical scientific management .
	CO:2 Concept of line and staff organization, personal management.
	CO:3 After related faintly. Environment etc.

	CO:4 Work ethics, work value motivation to work.
	CO:5 Concept of tetrazepam and social structure in in dusty.
Sec – 13 Criminology	CO:1 Concept of crime legal and sociological.
	CO:2 Concept of juvenile delinquency. whit Colour crime
	CO 3: Concept of corruption Types, Causes and Consequences and Cyber Crime
	CO:4 Concept of punishment types at punishment.
	CO5. Concept of terrorism and its characteristic.
SEMESTER – IV	
Sec – 14 Modern Sociological theories	CO: 1 Contribution at G.H. mead and h. blumer.
	CO: 2 Control of pharmacial Contribution at Schutz and berger.
	CO: 3 Contrition at Garfinkel and Goffman.
	CO: 4 Concept of Critical them related to adorn and Habermas.
	CO: 5 Concept of post modernity and contribution at Foucault and deride.

Scc – 15 Comparative sociology	CO: 1 Concept of emergence at growth at sociology in west and india.
	CO: 2 Concept of modernity and tradition, Environment glaciation.
	CO: 3 Problem of tearing in sociology.
	CO: 4 Current debates like Indianization.
	CO: 5 Concept of sociology in india sociology at india and for india.
Scc – 16 Contemporary issues in industry	CO: 1 Importance of hunar relationship at work.
	CO: 2 Concept of trade unimism in india.
	CO: 3 Study of impact at industry on faintly and stratification etc.
	CO: 4 Concept of FDI and third world foreign direct investment
	CO: 5 Contempomy issue just like industrialization and woman labour and child labour.
Scc – 17 Criminology Correctional and admonition	CO: 1 Concept of Socialization family value role at education.
	CO: 2 Meanings and signification at correction. Prison based and community Basel.
	CO: 3 Concept of antiquated jail manual and prison act and prison offence.

CO: 4 Concept of violence at prisoner's human right and problem at woman offenders.

CO: 5 Concept and objectives at police types and role at police etc.

S-P3 On Rural and urban problem

CO: 1 Project work based on rural and urban problem.

Course Outcome M.Sc. Chemistry

First Sem.

Department of chemistry :- After successful completion of there year degree chemistry a student should be able to .

Student seeking admission for M.Sc. in Chemistry Program are expected to imbue with following quality which help theme in their future life to achieve the expected goals .

1. GROUP THEORY AND CHEMISTRY OF METAL COMPLEXES

CO (1) TO LEARN ABOUT SYMMETRY AND GROUP THEORY IN CHEMISTRY.

CO (2) UNDERSTAND THE METAL-LIGAND BONDING AND METAL-COMPLEXES.

CO (3) TO LEARN ABOUT METAL-LIGAND EQUILIBRA IN SOLUTION AND ISOPOLY ACID AND HETEROPOLYACID (SILICATES, SILICONES).

CO (4) TO LEARN ABOUT METAL CLUSTERS , CHAINS,RINGS.

2. PAPER NO. CH -2 (CONCEPTS IN ORGANIC CHEMISTRY).

CO (1) UNDERSTAND THE MATHEMATICAL CONCEPT IN QUANTUM CHEMISTRY.

CO (2) TO LEARN ABOUT BASICS OF THERMODYNAMICS.

	CO (3) UNDERSTAND THE ALL CONCEPT OF ELECTROCHEMISTRY.
	CO (4) UNDERSTAND THE ALL CONCEPT OF CHEMICAL DYNAMICS.
3. PAPER NO. CH –2 (CONCEPTS IN ORGANIC CHEMISTRY).	CO (1) TO LEARN ABOUT NATURE OF BONDING IN ORGANIC MOLECULES AND AROMATICITY.
	CO (2) UNDERSTAND THE CONFORMATIONAL ANALYSIS AND STEREOCHEMISTRY.
	CO (3) TO LEARN ABOUT REACTION INTERMEDIATES AND ELIMINATION REACTIONS.
	CO (4) TO LEARN ABOUT PERICYCLIC REACTIONS.
4. PAPER NO. CH – 4 (THEORY AND APPLICATIONS OF SPECTROSCOPY).	CO (1) TO LEARN ABOUT UNIFYING PRINCIPLES.
	CO (2) UNDERSTAND THE MICROWAVE SPECTROSCOPY.
	CO (3) TO LEARN ABOUT SCATTERING SPECTROSCOPY.
	CO (4) UNDERSTAND THE RAMAN SPECTROSCOPY.
Course Outcome M.Sc. Chemistry	
Second Sem :-	
1. TRANSITION METAL COMPLEXES	CO (1) UNDERSTAND THE REACTION MECHANISM OF TRANSITION METAL COMPLEXES.

COMPLEXES	CO (2) UNDERSTAND THE ELECTRONIC SPECTRA AND MAGNETIC PROPERTIES OF TRANSITION METAL COMPLEXES
	CO (3) UNDERSTAND THE TRANSITION METAL COMPLEXES.
	CO (4) TO LEARN ABOUT ALKYL AND ARYL OF TRANSITION METALS, COMPOUNDS OF TRANSITION METAL, CARBON MULTIPLE BONDS FLUXIONAL ORGANOMETALLIC COMPOUNDS.
2. PAPER NO. CH - 8 REACTION MECHANISMS.	CO (1) UNDERSTAND THE SN1 AND SN2 REACTION .
	CO (2) TO LEARN ABOUT The SNAr, SN1, – SE1, SE2.
	CO (3) UNDERSTAND THE ADDITION TO CARBON-CARBON MULTIPLE BONDS.
3. QUANTUM CHEMISTRY	CO (1) UNDERSTAND THE APPLICATION OF MATRICES IN QUANTUM CHEMISTRY, ANGULAR MOMENTUM IN QUANTUM CHEMISTRY, APPROXIMATE METHODS.
	CO (2) UNDERSTAND THE ELECTROCHEMISTRY – Structure of electrified interfaces. Gouy-Chapman and Stern models.
	CO (3) UNDERSTAND THE CHEMICAL DYNAMICS – General features of fast reactions by flow method, relaxation method, flash photolysis and the nuclear magnetic resonance method.
4. THEORY AND APPLICATIONS OF SPECTROSCOPY –II	CO (1) UNDERSTAND THE ULTRAVIOLET AND VISIBLE SPECTROSCOPY.
	CO (2) UNDERSTAND THE INFRA RED SPECTROSCOPY.
	CO (3) UNDERSTAND THE MASS SPECTROMETRY.

Course Outcome M.Sc. Chemistry

Third Sem :-

1. RESONANCE SPECTROSCOPY, PHOTOCHEMISTRY AND ORGANOCATALYSIS.

CO (1) UNDERSTAND THE ELECTRON SPIN RESONANCE SPECTROSCOPY AND NUCLEAR QUADRUPOLE RESONANCE SPECTROSCOPY

CO (2) UNDERSTAND THE Basic principle for atoms and molecules AND Basic principle of Photo acoustic Spectroscopy (PAS), PAS –gases and condensed system. Chemical and Surface applications.

CO (3) UNDERSTAND THE PHOTOCHEMICAL REACTIONS AND DETERMINATION OF REACTION MECHANISM, MISCELLANEOUS PHOTOCHEMICAL REACTIONS

CO (4) UNDERSTAND THE ORGANOCATALYSIS General Principles

2. CHEMISTRY OF BIOMOLECULES.

CO (1) UNDERSTAND THE BIOENERGETICS, ELECTRON TRANSFER IN BIOLOGY, TRANSPORT AND STORAGE OF DIOXYGEN

CO (2) UNDERSTAND THE METALLOENZYMES, ENZYME MODELS: Host-guest chemistry,

CO (3) UNDERSTAND THE ENZYMES, CO-ENZYME CHEMISTRY, BIOTECHNOLOGICAL APPLICATIONS OF ENZYMES.

CO (1) UNDERSTAND THE BIOPOLYMER INTERACTIONS, THERMODYNAMICS OF BIOPOLYMER SOLUTIONS CELL MEMBRANE AND TRANSPORT OF IONS.

3. CATALYSIS, SOLID STATE AND SURFACE CHEMISTRY.

CO (1) UNDERSTAND THE ACIDS, BASES, ELECTROPHILES, NUCLEOPHILES AND CATALYSIS.

CO (2) UNDERSTAND THE MICELLES.

CO (3) UNDERSTAND THE SOLID STATE CHEMISTRY .

	CO (4) UNDERSTAND THE MACROMOLECULES.
4. PAPER NO. CH –16 ANALYTICAL TECHNIQUES AND DATA ANALYSIS.	CO (1) UNDERSTAND THE SAMPLE PREPARATION, DIGESTION AND STATISTICAL.
	CO (2) UNDERSTAND THE SEPARATION TECHNIQUES .
	CO (3) UNDERSTAND THE THERMAL AND AUTOMATED METHOD.
Course Outcome M.Sc. Chemistry	
Fourth Sem	
1. INSTRUMENTAL METHODS OF ANALYSIS.	CO (1) TO LEARN ABOUT ADVANCED CHROMATOGRAPHY .
	CO (2) TO LEARN ABOUT X-RAY AND PROTON INDUCED SPECTROSCOPY.
	CO (3) TO LEARN ABOUT ATOMIC EMISSION SPECTROSCOPY .
	CO (4) TO LEARN ABOUT ATOMIC ABSORPTION SPECTROSCOPY AND HYPHENATED .
2. NATURAL PRODUCT AND MEDICINAL CHEMISTRY	CO (1) TO LEARN ABOUT Terpenoids and Carotenoids and Alkaloids.
	CO (2) TO LEARN ABOUT Steroids: Isolation, structure determination and synthesis of .
	CO (3) TO LEARN ABOUT Drug Design Development of new drugs procedures followed in drug design.

	CO (4) TO LEARN ABOUT Antineoplastic Agents: Introduction Antimalarials.
	CO (5) TO LEARN ABOUT LECTROCHEMISTRY Principles and instrumentation of pH potentiometry, coulometry and conductometry. B. POLAROGRAPHY.
3. MATERIAL AND NUCLEAR CHEMISTRY.	CO (1) TO LEARN ABOUT NON EQUILIBRIUM THERMODYNAMICS: Fundamental concepts, Forces and Fluxes, Entropy production, Phenomenological Laws and Onsager's theory for biological systems, coupled reactions.
	CO (2) TO LEARN ABOUT MATERIAL CHEMISTRY: Preparation and Properties of Nanoparticles, Materials-Metals, Ceramics (Oxide, carbides, sulphides, nitrides).
	CO (3) TO LEARN ABOUT SUPRAMOLECULAR CHEMISTRY
	CO (4) TO LEARN ABOUT NUCLEAR AND RADIOCHEMISTRY NUCLEAR THEORY, NUCLEAR FISSION,NUCLEAR ENERGY, APPLIED RADIOCHEMISTRY.
4. PAPER NO. CH – 22 ENVIRONMENTAL & APPLIED CHEMICAL ANALYSIS	CO (1) TO LEARN ABOUT AIR POLLUTION MONITORING AND ANALYSIS.
	CO (2) TO LEARN ABOUT SOIL AND WATER POLLUTION .
	CO (3) TO LEARN ABOUT FOOD ANALYSIS .
	CO (4) TO LEARN ABOUT COSMETICS, CLINICAL AND DRUG ANALYSIS.