

Class	Subject	Course Outcome
B.A. Part – I BSc. Part – I B.Com Part – I	F.C. Hindi Language	● पल्लवन, पत्राचार, अनुवाद का व्यावहारिक प्रयोग में दक्षता । ● पर्यायवाची, विलोम शब्द , समश्रुत, अनेकार्थी शब्द, मुहावरे-लोकोक्तियों का प्रयोग कर भाषा को प्रभावी बनाना । ● देवनागरी लिपि की वैज्ञानिक एवं ऐतिहासिकता का ज्ञान । ● हिंदी का कम्प्यूटर में अनुप्रयोग के साथ भाषा को तकनीक से जोड़ना । ● अपठित गद्यांश, संक्षेपण द्वारा समय श्रम एवं धन की बचत ।

Class	Subject	Course Outcome
B.A. Part – II BSc. Part – II B.com Part – II	F.C. Hindi Language	● चोरी और प्रायश्चित्त निबंध, कार्यालयीन भाषा, मीडिया की भाषा के अध्ययन से व्यावहारिक ज्ञान को परिपक्व बनाना । ● युवकों का समाज में स्थान, वित्त, वाणिज्य, मशीन की भाषा द्वारा अपने सामाजिक कर्तव्यों के साथ तकनीक का प्रयोग सीखना । ● मातृभूमि निबंध से राष्ट्रीय भावना जागृत करना संज्ञा, सर्वनाम के अध्ययन से दैनिक अभिव्यक्ति को परिपक्व बनाना । ● डॉ. खूबचंद बघेल निबंध से छत्तीसगढ़ निर्माण के लिए किये गये संघर्ष का ज्ञान, संधि,समास द्वारा भाषा में प्रभावशीलता । ● सम्भाषण कुशलता निबंध से अभिव्यक्ति को प्रभावी बनाना, अनुवाद, संक्षिप्ति द्वारा भाषा समस्या को दूर करना ।



Class	Subject	Course Outcome
B.A. Part – III B.sc. Part – III B.com Part – III	F.C. Hindi Language	● भारत माता कविता से राष्ट्रीय भावना जागृत करना कथन की शैली से अभिव्यक्ति को प्रभावी बनाना । ● विकासशील देशों की समस्याएँ, विभिन्न सरंचाओं द्वारा व्यावहारिक समझ विकसित करना । ● आधुनिक तकनीकी सभ्यता, पर्यावरण प्रदुषण के अध्ययन से पर्यावरणीय उत्तर दायित्व बोध । ● जनसंख्या, गरीबी, बेरोजगारी द्वारा आर्थिक स्तर को सुदृढ़ करना, अनुवाद द्वारा भाषा समस्या का निवारण । ● ऊर्जा और शक्तिमानता का अर्थशास्त्र द्वारा संसाधनों का सदुपयोग पर बल देना ।

Class	Subject	Course Outcome
B.A. Part – I BSc. Part – I B.Com Part – I	English Language	● In- depth description of the ideals of Indian culture ● Information about the old culture and heritage of Indian. ● Abstract of the theme of Ramayan and Mahabharat the two epics fo Indian culture ● Knowledge of Indian History such as freedom struggle Dandi March Indian Constitution and Individual freedom. ● Fundamental duties mentioned in our constitution are also available in our syllabus ● The entire syllabus is the essence of our Indian culture.



Class	Subject	Course OutCome
B.A. Part – II BSc. Part – II B.com Part – II	English Language	• Description of the concept of scientific nature within Human. • Discribe about old scientific discoveries and famous Indian scientists • Details about Great Indian Scientists J.C. Bose and Great Indian Mathematician Shir Ramayan. • Elaboration about computers and Communicatuon Technology • Description of plastic surgery and desease prevention • Mention of water pollution and Hiroshim Attack • Information about a life story on Mars outside the Earth.

Class	Subject	Course OutCome
B.A. Part – III B.sc. Part – III B.com Part – III	English Language	• Introduction to critical education from the story chaptor • The teaching of Raja Vikramaditya and Maharana Prataps thought in our life. • Information about universalism of religion • Mention of Modern Education and information communication • Important Education Related to women's empowerment • International issues such as globalization and priratizatin are also studies in detail.



Class	Subject	Course Outcome
B.A. Part – I	Hindi Literature	● कबीर के दोहों द्वारा सामाजिक समरसता का ज्ञान । ● जायसी के काव्य से प्रेमतत्व की महत्वा का निरूपण । ● सूर की कविता द्वारा सगुण भक्ति की आवश्यकता का ज्ञान । ● तुलसीदास की कविता द्वारा लोक मंगल की भावना पर जोर । ● घनानन्द के काव्य द्वारा प्रेम के आंतरिक पक्षों का उद्घाटन । ● कक्षा साहित्य के स्वरूप द्वारा कथा लेखन की प्रेरणा । ● विविध कहानी कारों के कहानियों द्वारा यथार्थ बोध एवं संवेदनशीलता विकसित करना । ● द्रुतपाठ के लेखकों के अध्ययन से तात्कालिक निर्णय क्षमता विकसित करना । ● गबन उपन्यास द्वारा मध्यवर्गीय जीवन की समस्याओं का निराकरण । ● अतिलघुउत्तरीय प्रश्नों द्वारा विविध क्षेत्र का ज्ञानार्जन ।

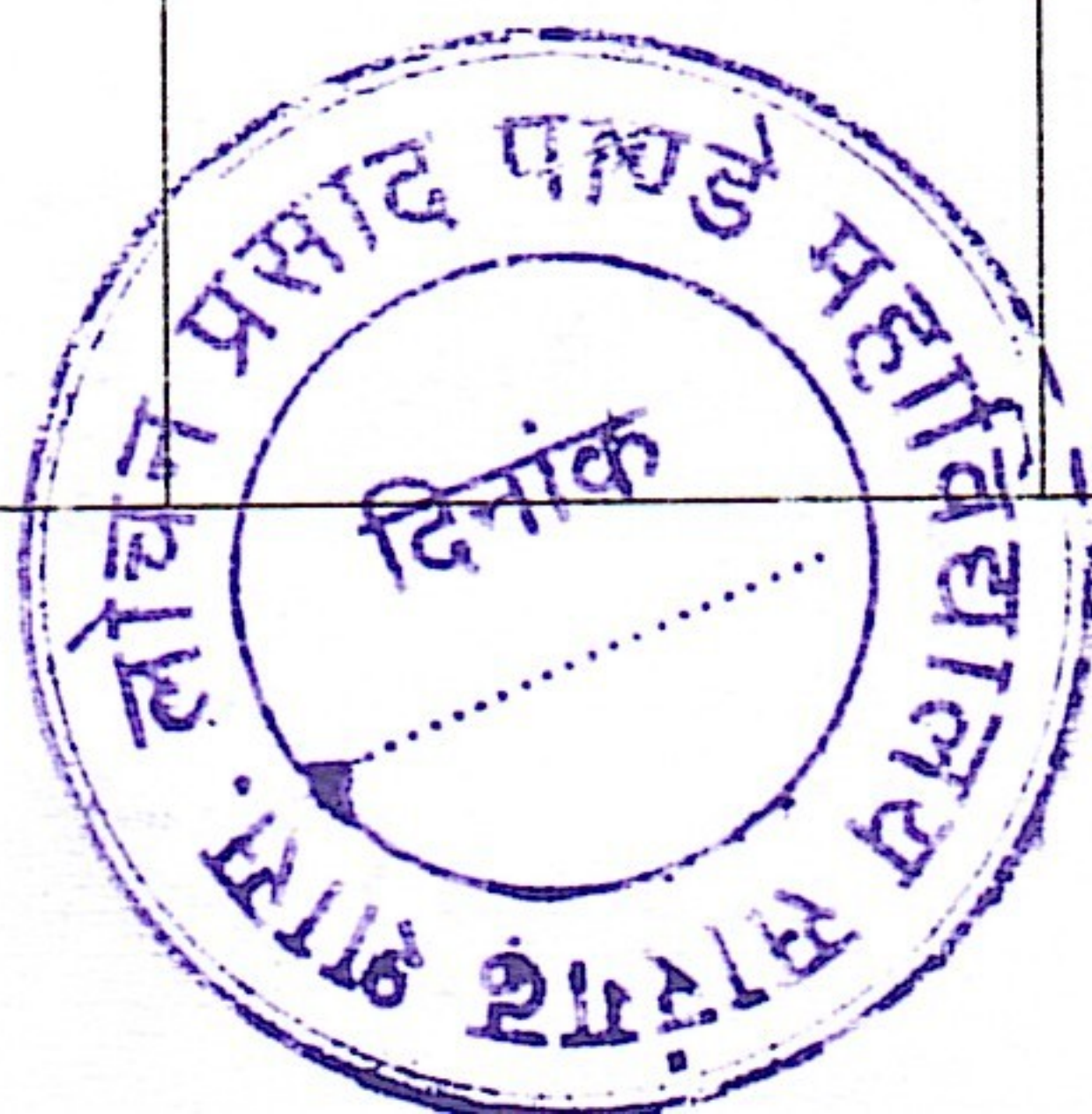
Class	Subject	Course Out Come
B.A. Part – II	Hindi Literature	● भारत-भारती कविता द्वारा राष्ट्रीयता की भावना विकसित करना ● सूर्यकांत त्रिपाठी निराला की कविताओं द्वारा सामाजिक यथार्थ का चित्रण । ● सुमित्रानंदन पंत की कविताओं द्वारा प्रकृति की रक्षा एवं महत्ता का ज्ञान । ● माखनलाल चतुर्वेदी के काव्य द्वारा राष्ट्रीय जागरण की आवश्यकता का ज्ञान । ● अज्ञेय की कविताओं द्वारा प्रयोगशीलता पर जोर । ● अंधेर नगरी नाटक द्वारा अव्यवस्था की पोल खोलना । ● विविध निबंधों द्वारा विचारों की सशक्त अभिव्यक्ति का ज्ञान ।



		● विविध एकांकियों द्वारा जीवन यथार्थ का बोध कराना। ● द्रुतपाठ के लेखकों द्वारा इतिहास, संस्कृति के प्रति उत्तरदायित्व बोध। ● अतिलघुउत्तरीय प्रश्नों द्वारा स्मरणशक्ति विकसित करना।
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Class	Subject	Course Out Come
B.A. Part – III	Hindi Literature	● छत्तीसगढ़ भाषा एवं व्याकरण द्वारा छत्तीसगढ़ी के प्रयोग को व्यापक बनाना। ● छत्तीसगढ़ी भाषा-साहित्य की विकास यात्रा से क्षेत्रीय साहित्य को बढ़ावा देना। ● छत्तीसगढ़ के प्राचीन एवं अर्वाचीन कवियों को योगदान। ● द्रुतपाठ से महत्पूर्ण कवियों का काव्य का अवलोकन। ● अति लघुउत्तरीय प्रश्नों द्वारा विविध ज्ञान को परिपक्व बनाना। ● हिन्दी भाषा का स्वरूप एवं विकास द्वारा भाषा प्रयोग में दक्षता। ● हिन्दी शब्द भंडार द्वारा अभिव्यक्ति कुशलता। ● हिन्दी साहित्य की सम्यक-उपादेयता। ● काव्यांग विवेचन द्वारा शास्त्रीय ज्ञान विकसित करना। ● विविधि प्रश्नों से तात्कालिक निर्णय क्षमता विकसित करना।

Class	Subject	Course OutCome
B.A. Part – I	English Literature	● Analyse Shakespeare Milton John Donne Black wordsworth and colerdige poetry ● Understanding the poetry of John Drylen Pope shalley keats termyson and browming ● Understand the prose of Bacon Additon stell lamb and Hazlit ● Determine the prose of shakespear and Jane Ansten ● Identify the fiction of swift and Charles Dickens ● Undetstand the Historical and Listerary Topics



Class	Subject	Course OutCome
B.A.Part– II	English Literature	- Understanding the Poetry of W.B. Yeats TS Eliot Dylam Thomas Iankin Sasson W,H, Owen Anden and Ted Hughs. - Determine the Prose of Betrand Russell JBS Handane lynd and H.Belloc - Identify the Drama of G.B Shaw John Galsworthy and JM Synge. - Disnife the Fiction and short story of Rndyard Kipling and willian Golding - Discribe the figure of Speech
Class	Subject	Course OutCome
B.A.Part– III	English Literature	- Understanding the poetry of Tour Dutt Rabindranath Tagore and Sarojni Naidu - Analyse the poetry of Kamla Das, Gaury Deshpadey, Jan ant Mahapatra nad KN Darwwda - Determine the prose of Nirad C Chondhary and Dr. S. Radhakrishnan - Indentify the fiction of Mohan Rakesh and R K Narayan - Discribe the literacy forms.

Class	Subject	Course out come
BA I	Economics	- Analyze utility, indifference curve and understand the law of demand. - Understand the production and cost. - Understand the structure of market and prices. - Determine wage, rent, interest, and profit. - Understand the welfare economics and social welfare. - Understand the economic policies and



		development. • Identify the Poverty, inequality and unemployment. • Describe the Indian agriculture, land reforms, rural credit, mudra yojan, • Identify the Industrial and service sector. • Understand the foreign trade, national income saving, investment and fiscal and monetary policies.
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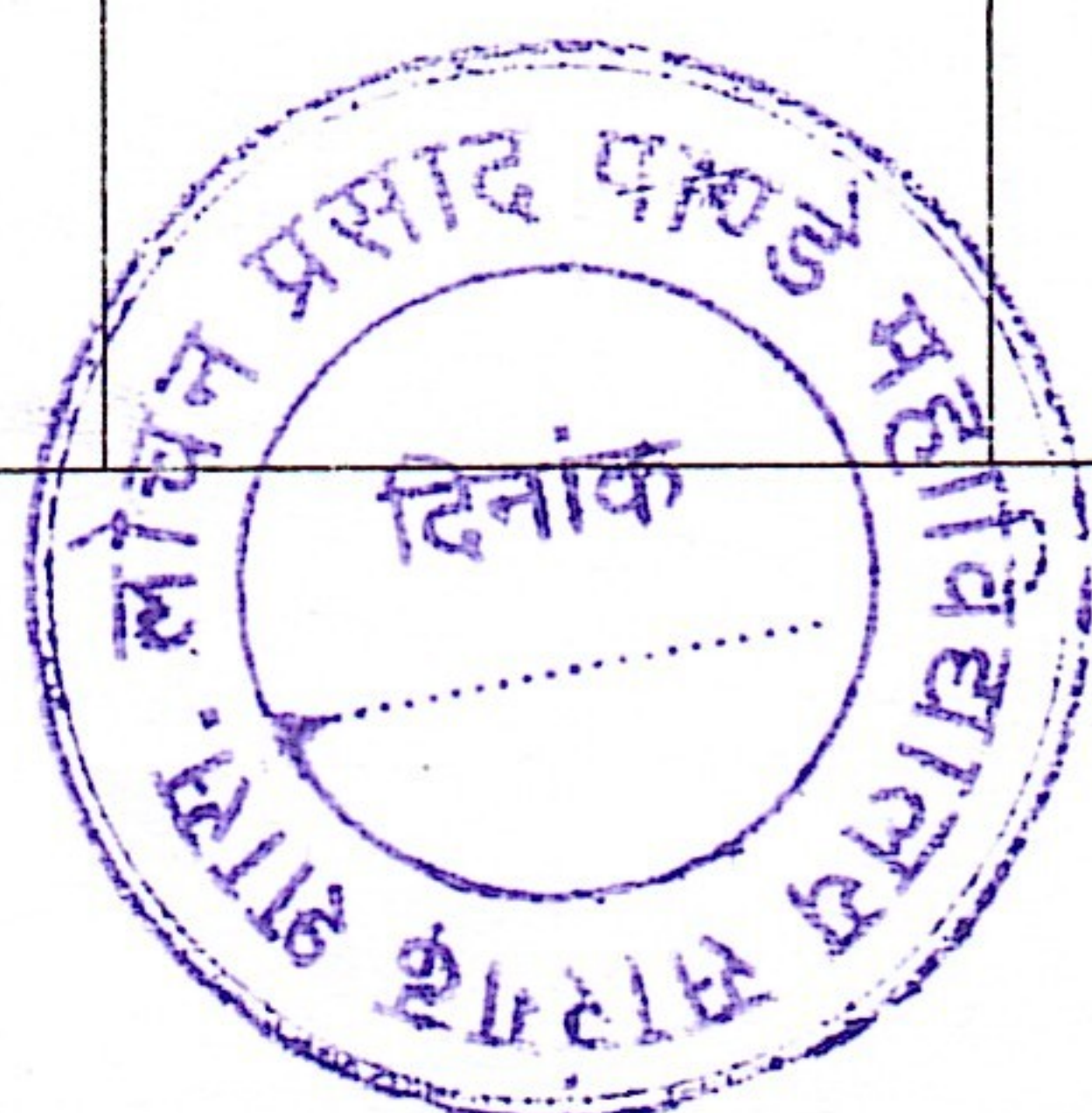
Class	Subject	Course out come
<u>BA II</u>	<u>Economics</u>	• Understand the concept and method of National Incomeaccounting. • Theories of Consumption Functional &investment. • Understand the nature and Characteristics of the BusinessCycle. • Basics of International trade – Interregional Trade and International Trade, BOP & BOT etc. • Special reference to India by IMF, world Bank and WTO. • Basic concepts money and inflation, deflation and Reflationexpansion. • Banking – Commercial Banks, Central Bank, Reserve Bank of India. • Understand the meaning and Scope of public finance. • Sources of public Revenge – tax and nontax revenge , theories of taxation etc. • Public debt and financial administration. the public budget



Class	Subject	COURSE OUTCOMES
BA III	Economics	• Basic concepts of statistics, Statical Mvestigation, Statistical Data, Sampling, Frcguency Distribution • Measurment of central Tendency Mean, Mediam, Mode, Geometric Mean & Harmonic Mean. • Measures of Dispersion Gin's Mean Difference and Lorence Curve. • Corrlation Analysis • Index Numbers

Class	Subject	<u>Course out come</u>
BA- I	Political Science Paper – I	• राजनीती विज्ञान का अर्थ, परिभाषा एवं विशिष्ट मानवीय व्यवहार के रूप में। • राज्य एवं उसके आवश्यक तत्व, राज्य उत्पत्ति के विभिन्न सिद्धांत। • सम्प्रभुत्ता, अधिकार तथा कर्तव्य, स्वतंत्रता, समानता, लोकतंत्र • शासन के प्रकार, सरकार के अंग, शक्ति पृथक्करण का सिद्धांत। • लोक कल्याणकारी राज्य, दल, पद्धति, दबाव, समूह, नारीवाद, राष्ट्रवाद

Class	Subject	<u>Course out come</u>
BA - I	Political Science Paper – II	• भारतीय राष्ट्रीय आन्दोलन 1857 का प्रथम स्वतंत्रता संग्राम भारत का संवैधानिक विकास। • भारतीय संविधान की प्रमुख विशेषताएं, भारतीय संसदीय शासन • संघीय कार्यपालिका, राष्ट्रपति, मंत्रीपरिषद, प्रधानमंत्री, संसद • भारतीय संघ की न्यायापालिका सर्वोच्च न्यायलय, राज्यपाल, मुख्यमंत्री, राज्य विधानमण्डल, चुनाव आयोग।



		● भारतीय राजनीति के प्रमुख मुद्दे, जाति धर्म, भाषा क्षेत्र, भारत में पंचायती राज।
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Class	Subject	<u>Course out come</u>
BA – II	Political Science Paper – I	● प्लेटो ,अरस्तु का शिक्षा एवं न्याय सिद्धांत आदर्श राज्य का सिद्धांत। ● मैकियावाली, तामसलब्स, जानलॉक, एवं रूसों का सामाजिक समझौता का सिद्धांत। ● जश्मीनेन्थम ,जान स्टुअर्टमिल का उपयोगगिता वादी सिद्धांत। ● आदर्शवाद, उदारवाद, समाजवाद, फासीवाद सिद्धांत। ● एम,के,गांधी, बी,आर आम्बेडकर, कार्लमाक्स के आर्थिक विचार धारा।
BA – II	Political Science Paper – II	<u>Course out come</u>
		● ब्रिटिश संविधान: विकास, विशेषताएं, कार्यपालिका, व्यवस्थापिका, न्यायापालिका। ● संयुक्तराज्य अमेरिका का संविधान, रिक्टरलैण्ड का संविधान। ● चीन का संविधान, विशेषताएं कार्यपालिका न्यायपालिका व्यवस्था। ● तुलनात्मक राजनीति, अर्थ,परिभाषा ईस्टन का व्यवस्था सिद्धांत। ● राजनीति विकास, राजनीति समाजीकरण, राजनीति सांस्कृति का अवधारणा।



Class	Subject	Cours Outcome
BA - III	Political Science Paper – I	● अन्तर्राष्ट्रीय राजनीति, विकास एवं आयम, । ● अन्तर्राष्ट्रीय राजनीति शक्ति सन्तुलन, संघर्ष और सहयोग । ● अस्त्रो की होड़ और निः शस्त्रीकरण (परमाणु, अप्रसार, व्यापक परमाणु परीक्षण सन्धि । ● शीत युद्धः उत्पत्ति एवं विकास तनाव, शैथिल्य और शीत युद्ध का अन्त । ● क्षेत्रीय संगठनः दक्षिण एशियाई क्षेत्रीय सहयोग संगठन (सार्क) तथा आसियान
Class	Subject	Cours Outcome
BA – III	Political Science Paper – II	● लोक प्रशासन, नव लोक प्रशासन, पद्धतियां और दृष्टिकोण ● स्टाफ एवंसूत्र अभिकरण, कार्तिक प्रशासन विवादो का निराकरण ● प्रशासनिक सुधार, जनसंपर्क ● राजनीति एवं प्रशासनिक व्यवहार मनोबल एवं अभिप्रेरण ● लोक सेवाओं में भ्रष्टाचार

Class	Subject	<u>Course outcome</u>
B.A. I	भूगोल	● भौतिक भूगोल की प्रकृति एवं अध्ययन क्षेत्र, पृथ्वी की उत्पत्ति, भूवैज्ञानिक समय मापनी, पृथ्वी की आंतरिक संरचना, वेगनर व प्लेट विवर्तनिकी सिद्धांत, भूसन्तुलन । ● भूसंरचना या पृथ्वी की हलचलें, भूकम्प, ज्वालामुखी, चट्टाना अपक्षय, अपरदन चक्र की संकल्पना, भूदृश्य का उद भवप्रवाहित जल –कास्ट स्थलाकृतियां । ● हिमानीकृत, शुष्क, सागरतटीय, वायु मंडल संगठन, संरचना, तापमानवायुदाब एवं पवन ।



COURSE OUTCOME

BA- I	Page No.	BA- II	Page No.	BA III	Page No.
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F C English Language,	3	F C English Language,	4	F C English Language,	4
Hindi Literature	5	Hindi Literature	5	Hindi Literature	6
English Literature,	6	English Literature,	7	English Literature,	7
Economics,	7-8	Economics,	8	Economics,	9
Political Science,	9	Political Science,	10	Political Science,	11
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History,	14	History,	15	History,	15-16
Sociology,	16-17	Sociology,	17-18	Sociology,	18
B.Sc-I	Page No.	B.Sc II	Page No.	B.Sc III	Page No.
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F C English Language,	3	F C English Language,	4	F C English Language,	4
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B.Com I	Page No.	B.Com II	Page No.	B.Com III	Page No.
F C Hindi Language,	2	F C Hindi Language,	2	F C Hindi Language,	3
F C English Language,	3	F C English Language,	4	F C English Language,	4
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Business Mathematics	19	Principles of Business Management	21	Management Accounting"	22-23
Business Environmen	19	Business statistics	21	Auditing	23
Financial Accounting	19-20	Fundamentals of Entrepreneurship	21-22	Indirect Tax	23
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"Business Economics"	20	Cost Accountning	22	International Marketing	23
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MSc Chemistry 3 rd Sem	35-36				
MSc Chemistry 4 th Sem	36-37				



		● वायुमंडलीय आर्द्रता, विक्षोभ, चक्रवात, प्रति चक्रवात कोपेन व थार्नश्वेर का विश्व का जलवायु वर्गीकरण । ● महासागरीय नितल का उच्चावच-प्रशान्त, अटलांटिक, हिन्द महासागर, तापमान एवं लवणता, तरंगे धाराएँ-ज्वार भांटा, प्रवाल भित्तियों ● मानव भूगोल-परिभाषा विश्रय क्षेत्र पर्यावरण संबंध, निश्चयवाद सम्भववाद एवं प्रसम्भवाद, मानवविकास सूचकांक, मानव प्रजातियों । ● भारत की प्रजातियो एरिकमोंबुशमैन, पिग्मी,गोड,मसाई, नगा, जनसंख्या वृद्धि घनत्व, वितरण, प्रभावित करने वाले कारक । ● प्रवासन की जनसंख्या, मावन अधिवास नगरीय व ग्रामीण । ● भूमण्डलीय तप्पन एवं जलवायु परिवर्तन । ● निर्वनीकरण मरुस्थलीकरण, वायुमंडल जल एवं मृदा प्रदुषण मापनी समोच्च रेखा, ग्राफ एवं आरेख, सांख्यिकीय विधियां, जरीब व फीता सवैक्षण ।
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Class	Subject	Course outcome
B.A. II	भूगोल	● जलवायु विज्ञान, परिभाषा एवं विकास क्षेत्र वायुमण्डल का संगठन तथा संरचना, सूर्याताप, वायुमण्डलीय तापमापी, दाब, पवनें, आर्द्रता एवं वर्षा । ● वायु राशियों एवं वाताग्र, वायुमण्डल विक्षोभ, जलवायु का वर्गीकरण, मानव जीवन में जलवायु की भूमिका । ● वायुमंडल प्रदुषण और भूमंडलीय तप्पन्न, समुद्र विज्ञान एवं वायुमंडल की प्रासंगिकता । ● महासागरीय नितल की धारातलीय बनावट, अटलांटिक प्रशान्त हिन्द महासागरो का उच्चावच,जल का तापमान, लवणता महासागरीय लहरें एवं ज्वारभाटा ।



		● महासागरीय धाराएँ निक्षेप प्रवाल भित्तियां तटीय पर्यावरण महासागर भविष्य के संसाधन, भण्डार गृह के रूपमें। ● प्रादेशिक संकल्पना, उत्तरी अमेरिका-पश्चिम उच्चावच अपवाहतन्त्र जलवायु मिट्टियां प्राकृतिक वनस्पति। ● खनिज संसाधन ऊर्जा संसाधन कृषिपेटीयां, पशुसम्पदा दुग्ध व्यवसाय, औद्योगिक विकास, जनसंख्या नगरीकरण, परिवहन। ● कैलिफोर्निया घाटी, न्यूइंग्लैण्ड प्रदेश, महानझील प्रदेश, अलास्काप्रयरी प्रदेश, सेण्टलारेन्स घाटी। ● वितरण मानचित्र, प्रक्षेप, मौसम उपकरणों का उपयोग। ● मौसम मानचित्रों की व्याख्या सांख्यिकीय विधियां प्रिज्मेटिक कम्पास सर्वेक्षण।
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Class	Subject	Course Outcome
B.A. III	भूगोल	● संसाधन एवं पर्यावरण, वर्गीकरण, जल संसाधन का वितरण उपयोग एवं संरक्षण, खनिज संसाधनों का वितरण, महत्व संरक्षण ऊर्जा संसाधनों का वितरण महत्व एवं संरक्षण। ● वनों के प्रकार, विरतण, महत्व एवं संरक्षण, मत्सयोपादन मृदा संसाधन, जनसंख्या घनत्व, वृद्धि एवं विरतण। ● जनसंख्या दबाव एवं संसाधन उपयोग, वर्गीकरण मानव पर्यावरण संबंध, अर्थव्यवस्था के प्रकार। ● संसाधन विदोहन एवं पर्यावरणीय प्रकोप, जनसंख्या विस्फोट खाद्य -सुरक्षा वनविनाश, भूमंडलीय तापमान जैवविविधता का संरक्षण, संविकास। ● भारत : स्थितिजन्य विशेषताएं-भूगर्भिक संरचना भौतिक स्वरूप, अपवाहतन्त्र, जलवायु मिट्टीयां जल संरचना। ● प्राकृतिक वनस्पति खनिज संसाधन, शक्ति संसाधन, कृषि संसाधन एवं कृषि प्रदेश प्रमुख उद्योग, जनसंख्या, परिवहन। ● विदेशी व्यापार-छत्तीसगढ़ संरचना तथा उच्चावच, अपवाह तन्त्र, जलवायु, मिट्टीयां एवंवन, जल संसाधन कृषि उद्योग,



		जनसंख्या, प्रमुख जनजातियां, परिवहन एवं पर्यटन सांख्यिकीय आरेख, मापक। मानचित्र प्रकोप, भारतीय धरातल पत्रकों का अध्ययन समपटल सर्वेक्षण, आधार भूतसिद्धांत क्षेत्रीय अध्ययन एवं क्षेत्रीय प्रतिवेदन।
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Class	Subject	Course Outcome
B.A.I	इतिहास प्रथम प्रश्न पत्र	- प्राचीन भारतीय इतिहास के संबंध में अनुसंधान कर इतिहास को जानने की जिज्ञासा। उत्पन्न करना सिंधु, हडप्पा और वैदिक सभ्यता से परिचित हुए। - भारत में प्रजातंत्र का अभ्युदय जानवरों से परिचय एवं मगध में सत्ता का राजतंत्रिक व्यवस्था की स्थापना। - भारत का विदेशियों से संबंध सिकन्दर का भारत पर आक्रमण और उसका प्रभाव से परिचित होना। - भारत और यूनानी संबंध की शुरुआत भारत में सत्रप शासन व्यवस्था कुषाण एवं क्षेत्रिय राजवंश की जानकारी। - वृहत्तर भारत की परिकल्पना इस कम दक्षिण भारत का संगम साहित्य से इतिहास का विवरण प्राप्त किया गया, क्षेत्रिय राजवंशों की जानकारी।

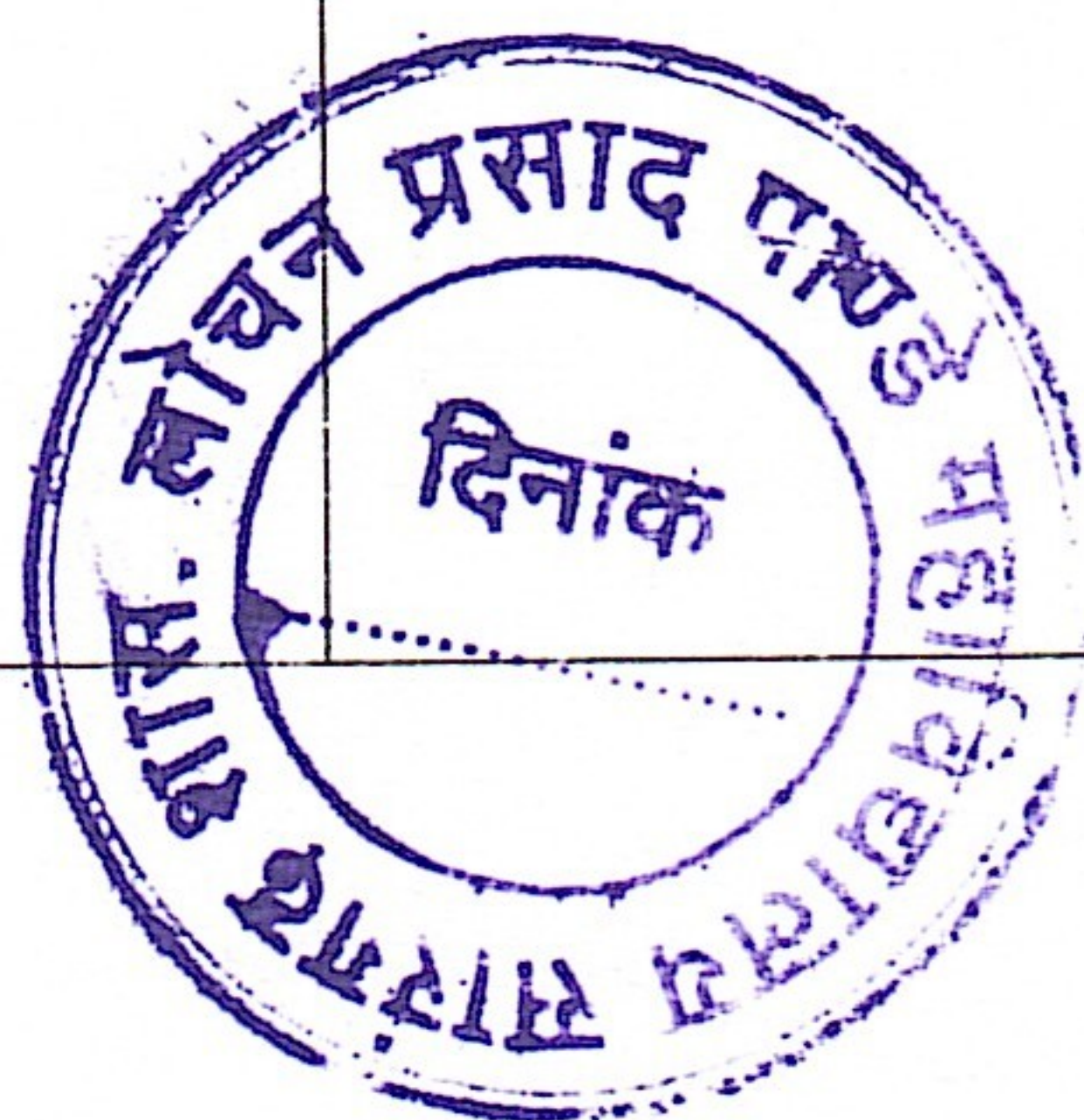
Class	Subject	Course Outcome
B.A.I	इतिहास द्वितीय प्रश्न पत्र	- गुप्तवंश की स्थापना भारतीय इतिहास के स्वर्ण युग से परिचय गुप्तों के पवन के बाद की स्थिति। - परवर्ती गुप्त शासन मौखरी वर्धन और हर्ष की प्रशासनिक व्यवस्था। - क्षेत्रिय शासकों का आपस में संघर्ष और कमजोर केन्द्रिय सत्ता। - क्षेत्रिय राजवंशों का स्थानीय प्रशासन एवं आपसी संघर्ष। - क्षेत्रिय राजवंशों के आपसी संबंध छत्तीसगढ़ के इतिहास की जानकारी त्रिपुरी कलचुरी एवं रतनपुर का इतिहास।



Class	Subject	Course Outcome
B.A.II	इतिहास प्रथम प्रश्न प्रश्न	- सल्तनत कालीन ऐतिहासीक ग्रन्थ की जानकारी दासवंश खिलजी एवं तुगलासु वंश की जानकारी। - मुगल सामाज्य की स्थापना, बावर का आक्रमण, शेरशाह एवं अकबर का शासन, औरंगजेब की धार्मिक महाराग। - समन्वय बनाम भक्ति एवं सूफी विचारधारा का भारत में विकास। - मध्य कालीन साहित्य, स्थापत्य कला से परिचय, विजय नगर एवं वाहमनी सामाज्य की स्थापना। - पेशवाओं के अधिन मराठा शक्ति का विकास, छत्तीसगढ़ की मराठा प्रशासन।

Class	Subject	Course Outcome
B.A.II	इतिहास द्वितीय प्रश्न प्रश्न	- यूरोप में गुटिय व्यवस्था के कम में विलियम हितीय का मिल समस्याओं में मना लेना। जापान का आधुनिक युग में पदार्पण, रूस जापान युद्ध। - चीन अफिम युद्ध, चीन की क्रान्ति प्रथम विश्व युद्ध के लिए उत्पन्न परिस्थिति। - वर्षाय की संधि, साम्यवादी क्रान्ति, उग्र राष्ट्रवाद के कम में हिटलर और मुसोलनी। - जापान में साम्यवाद का जन्म, राष्ट्र संघ की स्थापना, द्वितीय विश्व के लिए उत्पन्न परिस्थिति का अध्ययन। - विश्व में शांति स्थापना के प्रयास के कम में शीत युद्ध, गुट निरपेक्ष आन्दोलन कोरिया, फिलिस्तिन की समस्या।

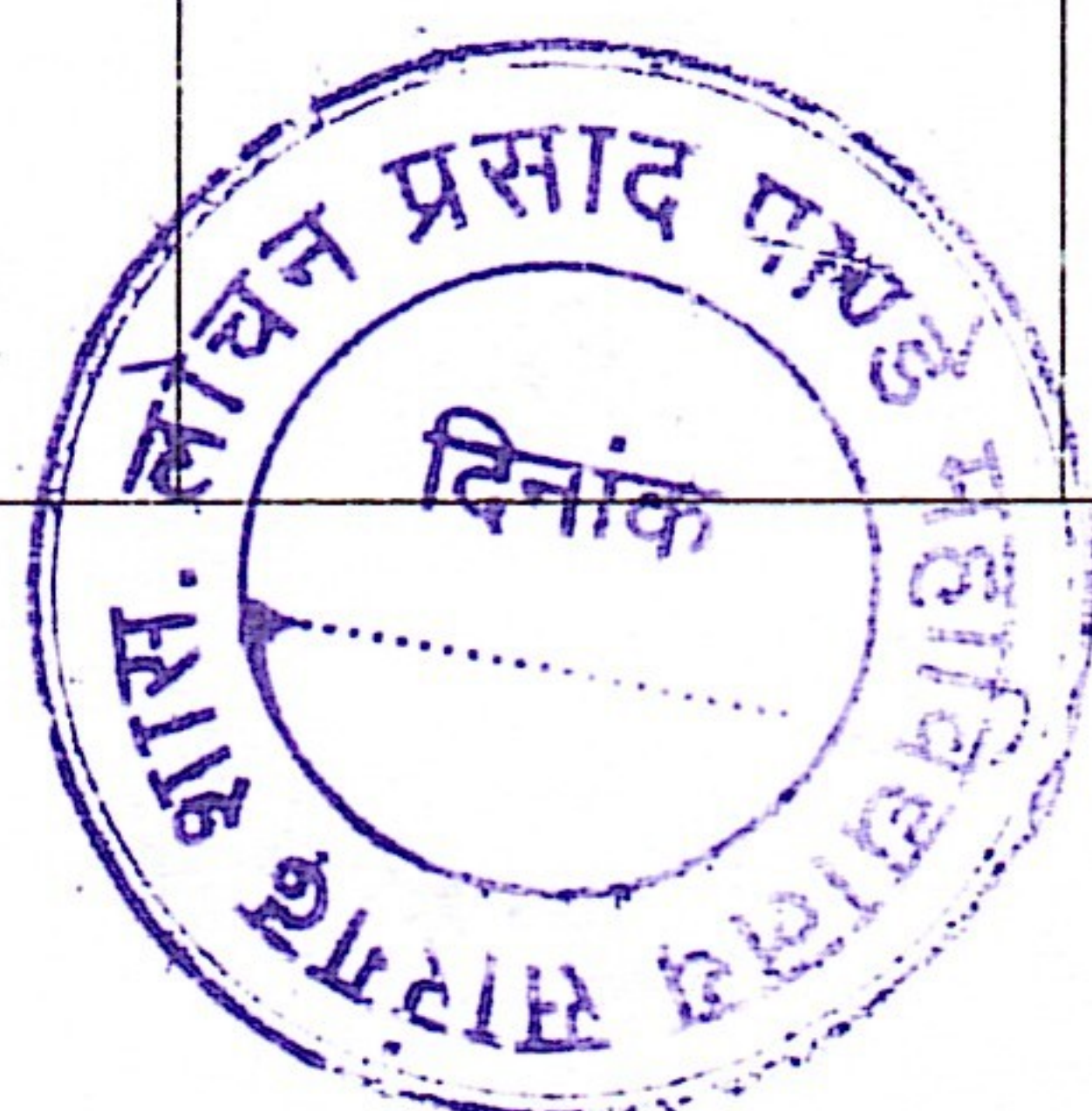
Class	Subject	Course Outcome
B.A.III	इतिहास प्रथम प्रश्न प्रश्न	- भारत में ब्रिटिश साम्राज्य की स्थापना प्लासी और कर्नाटक युद्ध एवं कर्जन की सुधार। - भारत में ब्रिटिश कालीन उद्योग का विकास और भारतीय उद्योगों का हसि। कृषि आन्दोलन, भूरेयन बाड़ी, मलहबाड़ी। - भारत में पूर्ण जागरण राजाराम मोहन राय, रामकृष्ण मिशन थियोसिकल सोसाइटी।



		• राष्ट्र का विकास 1857 के क्रान्ति के कारण गांधी वादी आन्दोलन, असहयोग सविनय एवं भारत छोड़ो आन्दोलन । • साम्प्रदायिकता का विकास, सुभाषदास घोष आजाद हिन्द फौज भी स्थापना भारत में स्वतंत्रता प्राप्ति के लिए उत्तरदायी परिस्थिति, संविधान की विशेषता ।
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Class	Subject	Course Outcome
B.A.III	इतिहास द्वितीय प्रश्न प्रश्न	• फ्रान्स में तृतीय गणतंत्र की स्थापना विस्मार्क कीजिए। कैसर, विलियम द्वितीय की विदेश नीति । • जापान का आधुनिकरण रूप जापान युद्ध चीन की क्रान्ति के कारण डांसमयान बेन का परिचय । • पूर्वी समस्या बाल्कन युद्ध प्रथम विश्व युद्ध 1917 की क्रान्ति । • उग्र राष्ट्रवाद हिटलर और मुसोलनी जापान में सैन्यवाद । • राष्ट्र संघ की स्थापना द्वितीय विश्व युद्ध के लिए उत्तरदायी परिस्थिति संयुक्त राष्ट्र संघ की स्थापना एवं उपलब्धियां ।

Class	Subject	Course outcome
BA – I Sociology	introduction to Sociology	• Describing Nature, Scope and origin of Sociology • Social Institution : Marriage, family and ship culture and society : so colonization social control norms and values understanding those basic concepts. • study of the upper and lower classes of the society through social Stratification. • Study of growth and change through social change. • Study of social system and process so that the society can be properly stagnated.
BA – I Sociology	Contemporary Indian society	• vern,asharam,karma,dharma and purusharth Understanding the ancient Indian social system through all these. • structure and composition-understanding Indian social structure and compositions. • study of the basic institutions of Indian society so that the



		In India. Development Of Jail Reform Of India And Modern Correctional Concept- Probation, Parole And After Care Programme.
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Class	Subject	Course Outcome
BA – III Sociology	sociology of tribal society	- the concept of tribe. Know about Indian tribe. - classification of tribe people- knowledge of living business, habits and catering rituals of Indian tribes. - socioculture profile - kinship, marriage and family. - Religion belief cultural tradition. Know all of these. - social mobility and change . sensitization scheme of tribal people- to know about tribal dynamics and their plans in india. - poverty, illiteracy, indebtedness. Knowing all these social problems.

Class	Subject	Course Outcome
BA – III Sociology	social research method	- Understanding Sociology As A Science, Concept And Steps In Research. - Differentiation Between Quantitative And Qualitative Research. - Understanding Different Type Of Research Design. - Understand The Various Technique Of Data Collection, Observation, Questionnaire, Interview Schedule, Case Study ,Social Survey, Content Analysis. - Describe Various Types Of Sampling . - Calculation Of Measures Of Central Tendency- Mean, Median And Mode, Graphic Representation.



		• The students will get thorough knowledge on the accounting practice prevailing in partnership firms and other allied aspects • To find out the technical expertise in maintaining the book of accounts
B.Com –I	“Business Regulatory Framework”	• Aware of various laws relating to business law nature of contract performance of control • Determining law relating to special contracts Indemnity Guarantee Bailment and pledge Agency • Identify the law relating to sell of goods acts 1930 hire purchase agreement • Determining laws relating to negotiable Instrument Act (1881) Bill of exchange of cheque • Understanding the law relating to the consumer protection act 1989/2018 Right to information Act 2005
B.Com –I	“Business Economics”	• Describe basic problems of an economy and Elasticity of Demand • Explain theories of production function • Explain theory of costs Market structures • Classify perfect monopoly & monopolistic competition • Criticise monopoly pricing & theory of profit



Class	Subject	Course Outcomes
B.Com –II	Company Law	• Understand the background of the new company act 2013 and kinds of company • Refine MOA AOA Prospectus share • Write the meaning and nature of capital management • Explain the company meeting quorum voting proxy minutes • Define majority power & minority right
B.Com –II	Principles of Business Management	• Introduction functional area development thought of management • How to start any management with planning and decision making • How to organize management in many different department in different forms • To motivate people with a good leadership in management • To control complete in organization and management to change
B.Com –II	Business statistics	• Introduction of statistics types of data and concept of central tendency • To calculate dispersion skewness • Analysis of bivariate data linear regression two variables and correlation • Solve index number in different methods • Explanation of forecasting and theory of probability
B.Com –II	Fundamentals of Entrepreneurship	• To study about entrepreneur entrepreneurial class theories of it • To promote a venture



B.Com –III	“Financial Market Operations”	• Understanding the concept money market • Define concept of capital market stocks exchanges NSE • The student will get thorough knowledge on the securities contract and regulation act • Describe the functionaries on stock exchanges • Define concept of financial service SEBI guide lines
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Class	Subject	Course outcome
BSc. I	Botany	• To gain knowledge about microbial diversity. • To have the ability to utilize the concept of mushroom cultivation. • To learn about structure, General characters, classification, economic importance, and life cycle of different Algal species. • To learn about General characters, structure, classification, economic importance, and life cycle of different fungal species. • To learn about General characters, classification, stellar evolution & seed formation in pteridophytes. • To understand phylogeny from Bryophyte to Gymnosperm. • To learn about different Bryophytes members. • To explain about fossils & fossilization • To understand about Geological time scale • To understand gymnosperm with respect to General characters, classification, Economic importance and life cycle and comparison with pteridophyte and Angiosperm



Class	Subject	Course outcome
Bsc. II	Botany	• To learn the types of classification. • To gain knowledge about ICBN. • Briefly studied on Taxonomic tools. • Briefly studied the economic product with special reference to Botanical name, family, morphology of useful part & their uses. • Understand scope and importance of anatomy and embryology. • Understand scope & importance of plant physiology . • Understand process of Photosynthesis, respiration & nitrogen metabolism, • Know about the plant growth hormone auxin, Gibberellins, cytokinin, Ethylene. • Understand plant Community & Ecological adaptation in plants. • To learn the approaches to the study of Ecology.

Class	Subject	Course outcome
Bsc. III	Botany	• To understand the physiological details of Photosynthesis, Respiration, lipid metabolism and nitrogen metabolism. • To explains the role of micronutrient in plant growth, & development. • To understand about plant physiological process and metabolism. • To explains the main techniques of in - vitro culture of plant cells & tissue. • To know the main technique to genetic manipulation of plant organism.



		• To understand ecological relationship between organism & their environment. • To identify diversity of life form in an ecosystem. • Understand plant Community and Ecological adaptation. • Brief studied the economic importance plants. • To know about the utility of plant resource.
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Class	Subject	Course Outcome
BSc-I Zoology	Cell biology and Invertebrate"	• Understand the nature of Cytology. • Explain basic concept of Cell biology • Explain general character's and classification. Of phylum protozoa . Porifera, and Coelenterate. • Identify and list out Various Parasitic animal of phylum - platyhelminthes and Nematohelminthes • Identify the Mollusca with respect to economic Importance
BSc-I Zoology	Chordate and Embryology.	• Analyze The General Character Of Phylum Character. • Understand The Behaviour And Parental Care Of Different Vertebrates And Different The Poisonous And Non-Poisonous Snake. • All Activities Of Development Of Embryo Up To Three Germ Layers. • Understand All Activities Of Migration And Adaptation of Bird And Mammals. • Explain Basic concept Of Competence And Determination And Differentiation Regeneration.

Bsc-II Zoology	Anatomy And Physiology"	• Get the overview of the morphology and physiology of typical examples of different vertebrates. • Learn the basic principle involved in circulatory system and respiratory system. • Describe comparative account of organ system different vertebrates.
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		Colorimeter, Microscope, Centrifugation And Chromate Grapey.
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Class	Subject	Course Outcome
BSc-I	Chemistry	• Letting the students understand about the atomic structure, chemical bondings, and periodic properties of the elements. • Letting the students know about general organic chemistry, the stereoschemistry involved in it. • Letting the students know about aliphatic and aromatic hydrocarbons

Class	Subject	Course Outcome
BSc-II	Chemistry	• Letting the students know about the basic chemistry involved in solid state, liquid state and gaseous state and chemical kinetics. • Bringing understandings about basic hydrocarbons with funtional groups. • Letting the students know about the thermodynamcs, equilibrium and photochemistry involved in any system. • Letting the students know about transition series and rare earth metals, also about the coordination chemistry envolved. • Bringing knowledge about acid and bases.



Class	Subject	Course Outcome
BSc-III	Chemistry	- Bringing understanding about the different theories involved in coordination compounds. - Organometallic chemistry, magnetic properties of coordination compounds, and inorganic polymers. - Bringing knowledge about heterocyclic compounds, biochemistry and synthetic polymers. - Bringing knowledge about General spectroscopic techniques. - Bringing knowledge about Quantum mechanics, and electrochemistry - Bringing practical knowledge about chemistry

Class	Subject	<u>Course outcome</u>
M.A. Hindi Part I Sem.	Paper – I	- हिन्दी साहित्य के इतिहास का सम्यक विवेचन कर ऐतिहासिक प्रवृत्ति का ज्ञान। - आदिकालीन साहित्य के अध्ययन से प्राचीन साहित्य का ज्ञान। - भक्ति भावना की महत्ता द्वारा सामाजिक समरसता जागृत करना। - रीतिकालीन साहित्य द्वारा उत्तर मध्यकाल का ज्ञान। - लघुउत्तरीय / अतिलघुउत्तरीय प्रश्नों द्वारा शीघ्र निर्णय क्षमता का विकास।
	Paper – II	- विद्यापति के साहित्य द्वारा भक्ति एवं श्रृंगारिकता का समन्वय। - कबीर के दोहो से सामाजिक समस्या का निराकरण का बोध। - जायसी के पद्मावत से प्रेम के उदात्त स्वरूप की महत्ता प्रतिपादित करना। - द्रुतपाठ के कवियों द्वारा विविध विषयों का ज्ञान। - अतिलघुउत्तरीय प्रश्नों द्वारा शीघ्र निर्णय क्षमता विकसित।

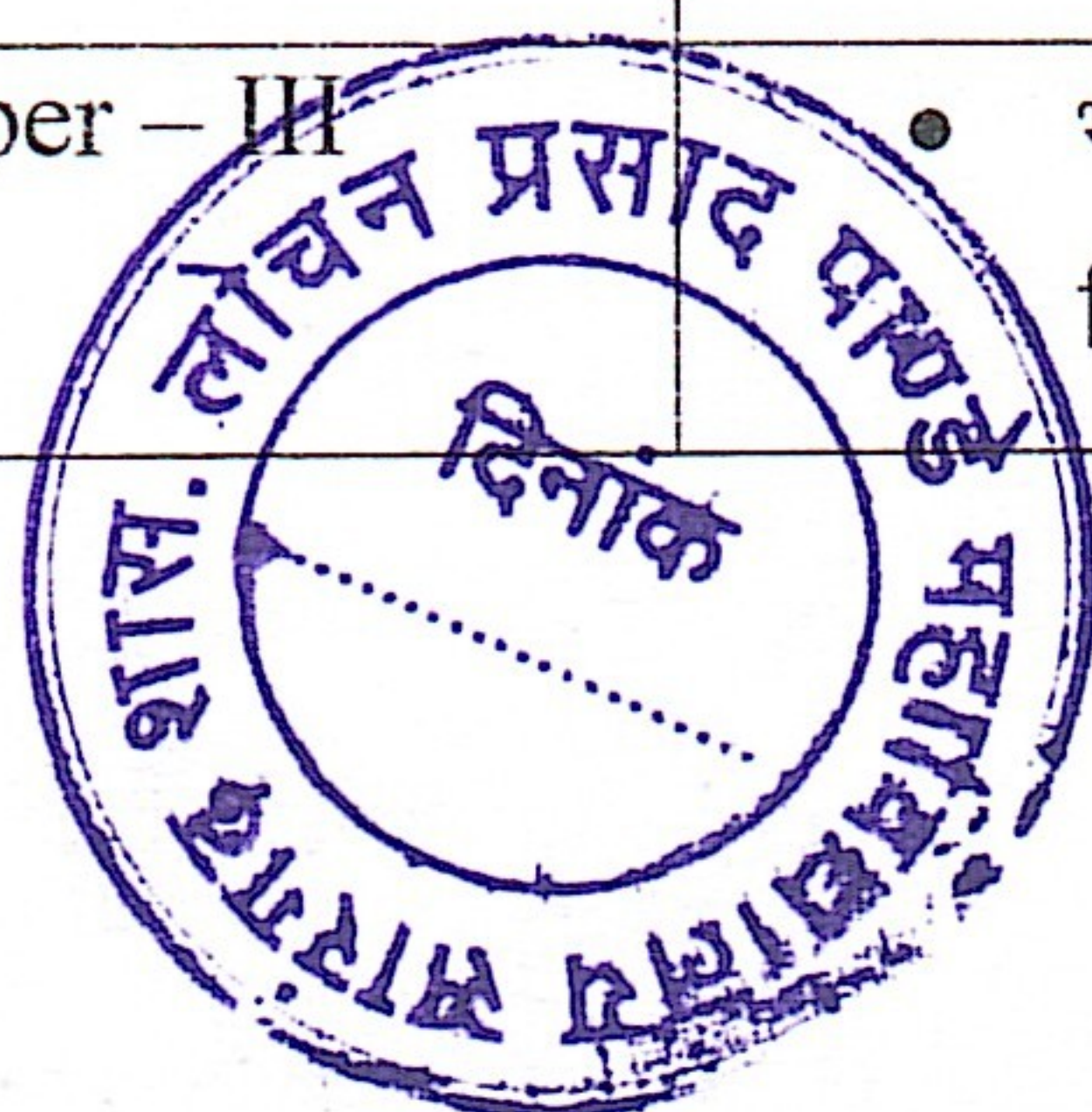


	Paper – III	● चन्द्रगुप्त नाटक द्वारा ऐतिहासिकता का बोध ● आषाढ़ के एक दिन नाटक द्वारा सांस्कृतिक बोध ● विविध निबंधों द्वारा सामाजिक, सांस्कृतिक, राजनीति यथार्थ का ज्ञान। ● घृतपाठ के लेखकों द्वारा विविध विषयों का ज्ञान ● अतिलघुउत्तरीय प्रश्नों द्वारा शीघ्र निर्णय क्षमता विकसित करना।
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Class	Subject	Course outcome
M.A. Hindi Part – II Sem.	Paper – I	● आधुनिक काल की सामाजिक, आर्थिक एवं सांस्कृतिक परिस्थितियों का ज्ञान। ● हिन्दी में स्वच्छंदतावादी एवं छायावादी काव्य की विशेषताएं। ● हिन्दी गद्य द्वारा विविधता बोध। ● गद्य की आधुनिक विद्याओं द्वारा आधुनिकता बोध। ● लघुउत्तरीय प्रश्नों द्वारा निर्णय क्षमता विकसित करना।
	Paper – II	● सूरदास की कविता भ्रमरगीत द्वारा सगुणभक्ति पर जोर। ● तुलसी के रामचरित मानस द्वारा सामाजिक मंगल की कामना का संदेश। ● बिहारी के काव्य द्वारा कम में अधिक कहने की क्षमता का विकास। ● विविध रीतिकालीन कवियों द्वारा यथार्थ बोध। ● लघुउत्तरीय प्रश्नों द्वारा तात्कालिक निर्णय क्षमता का ज्ञान।
	Paper – III	● गोदान उपन्यास द्वारा सामाजिक यथार्थ का उद्घाटन। ● विविध गद्य रचनाओं द्वारा सामाजिक रोध। ● विविध रीतिकालीन कवियों द्वारा यथार्थ बोध। ● विविध कहानियों द्वारा सामाजिक, राजनीति विचारों की



		स्पष्टता करना । उपन्यासकारों, कहानिकारों द्वारा के अध्ययन से अभिव्यक्ति परिपक्वता ।
	Paper – IV	- हिन्दी भाषा की ऐतिहासिक पृष्ठभूमि द्वारा इसके प्रयोग को बढ़ावा देना । - हिन्दी के भौगोलिक विस्तार द्वारा भाषा की विकासात्मक प्रवृत्तियों का ज्ञान । - हिन्दी के भाषिक स्वरूप द्वारा भाषा की महत्ता का ज्ञान । - देवनागरी लिपि की वैज्ञानिकता एवं महत्ता प्रयोग का ज्ञान । - हिन्दी में कम्प्यूटर के अनुप्रयोग द्वारा तकनीक को बढ़ावा देना ।
Class	Subject	Course outcome
M.A. Hindi Part – III Sem	Paper – I	- संस्कृत काव्य शास्त्र के काव्य लक्षण, हेतु प्रयोजन प्रकार रस सिद्धांत, निष्पत्ति, अंग एवं साधारणीकरण की समझ । - अलंकार सिद्धांत मूल, स्थापना, वर्गीकरण की समझ । - रीति सिद्धांत के अवधारणा, काव्य गुण, रीति, शैली की समझ । - वक्रोक्ति एवं औचित्य सिद्धांत की समझ । - ध्वनि सिद्धांत की अवधारणा, स्वरूप, भेद की समझ । - हिन्दी आलोचना के प्रमुख प्रवृत्तियों की समझ । - आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ ।
	Paper – II	- आधुनिक काव्य की विशेषता, नवीन विचार धारा की समझ । मैथिलीशरण गुप्त का साहित्य का परिचय एवं साकेत के नवमसर्ग की समझ । - जयशंकरप्रसाद की साहित्य की महत्ता एवं कामायनी के तीन सर्ग-चिंता, श्रद्धा एवं लज्जा सर्ग की समझ । - पं. सूर्यकांत त्रिपाठी निराला का साहित्यिक परिचय एवं राम की शक्ति पूजा, सरोज स्मृति, कुकुरमुत्ता काव्य की समझ । - हरिऔध, जगन्नाथदास रत्नाकर, महादेवी वर्मा, हरिवंशराय बच्चन एवं त्रिलोचन शास्त्री के साहित्यिक योगदान की समझ । - आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ ।
	Paper – III	भाषा के मानवीय जीवन में उपयोगिता एवं प्रयोजन मूलक की समझ विकसित ।



	chemistry)	- To know the eigen function, eigen value operate and postulates of quantum mechanics. - Learn electronic configuration Russell - Saunders term, coupling scheme : term separating energies of Pn & Dn configuration. - Study of methods of determining rate laws. - Derivation of rate equation and study of critical micelle concentration.
	Paper – IV (spectroscopy)	- To define the expression for rotation Spectra for the transition from J to J+1 - To define theories of Raman effect, Rotational Vibrations Raman Spectra, selection. - To define theories of vibrational and infra red spectroscopy. - General understanding of mathematics involved in chemistry.

Class	Subject	Course outcome
M.Sc. Chemistry Part – II Sem	Paper – I (Inorganic Chemistry)	- To study metal ligand equilibrium in solution - To study reaction mechanism of transition metal complexes - Study of metal complexes: their mechanisms and metal clusters - Study of metal carbonyls and nitrosyls - Study of isopoly and heteropoly acid salts
	Paper – II (Organic Chemistry)	- To study electrophilic substitution reactions of aliphatic and aromatic hydrocarbons. - To study nucleophilic substitution reactions of aliphatic and aromatic hydrocarbons. - To study free radical reactions, their types and mechanisms involved - To study addition of Carbon carbon and carbon hetero multiple bonds.



		- To Understand transport and storage of dioxygen. - To Understand introduction of bioorganic chemistry. - To Understand enzymes. - To Understand kind of reactions catalysed by enzymes. - To Understand Co-enzyme chemistry. - To Understand enzyme models. - To Understand biotechnological application of enzymes.
	Paper – III	- To Understand concepts of molecular orbital and valance bond theory. - To Understand solvation and solvent effects and acid, bases elelctrophiles and nucleophile catalysis. - To Understand principal of reactivity - To Understand radical and pericyclic reactions - To Understand nucleophilic and electrophilic reactivity.
	Paper – IV	- To Understand basics of photochemistry - To Understand different roperties of excited states - To Understand excited states of metal complexes - To Understand ligand field photochemistry and metal complex sensitizers. - To Understand redox reactions by excited metal complexes.

Class	Subject	Course outcome
M.Sc. Chemistry Part – IV Sem	Paper – I	- Understand photochemistry reaction - Understand determination of reaction mechanism. - Understand photochemistry of alkenes. - Understand photochemistry of carbonyl compounds. - Understand photochemistry of aromatic compound. - Understand miscellaneous photochemical reactions. - Understand solid state reactions.



		• Understand crystal defects and non-stoichiometry. • Understand electronic property and band theory.
	Paper – II	• Understand Biological cell and its constituents. • Understand Statistical mechanics in biopolymers. • Understand Biopolymer interactions. • Understand Thermodynamics of biopolymer solutions. • Understand Cell Membrane and Transport of Ion. • Understand Biopolymer and their Molecular Weights. • Understand diffraction method. • Understand Environment. • Understand Hydrosphere. • Understand water quality parameter. • Understand industrial pollution

Class	Subject	Course outcome
MA Economics	MICRO ECONOMICS –I	1 Laws of demand and supply and elasticity.2 Concept of consumer behaviour . 3 Theory of production . 4 Application of Indifference curve analysis. 5 Cost and revenue analysis .
	MICRO ECONOMICS –II	1 Price and output determination. 2 Monopolistic competition . 3 Theory of distribution . 4 Theory of wages and wage determination. 5 Social welfare.
	QUANTITATIVE METHODS	1 Measurement of Skewness. 2 Measurement of correlation. 3 Analyse, regression. 4 Concept of Probability, 5 Importance of Index number.
	Research Methodology	1 Concept & Application of association. 2 Research & Research Methodology .

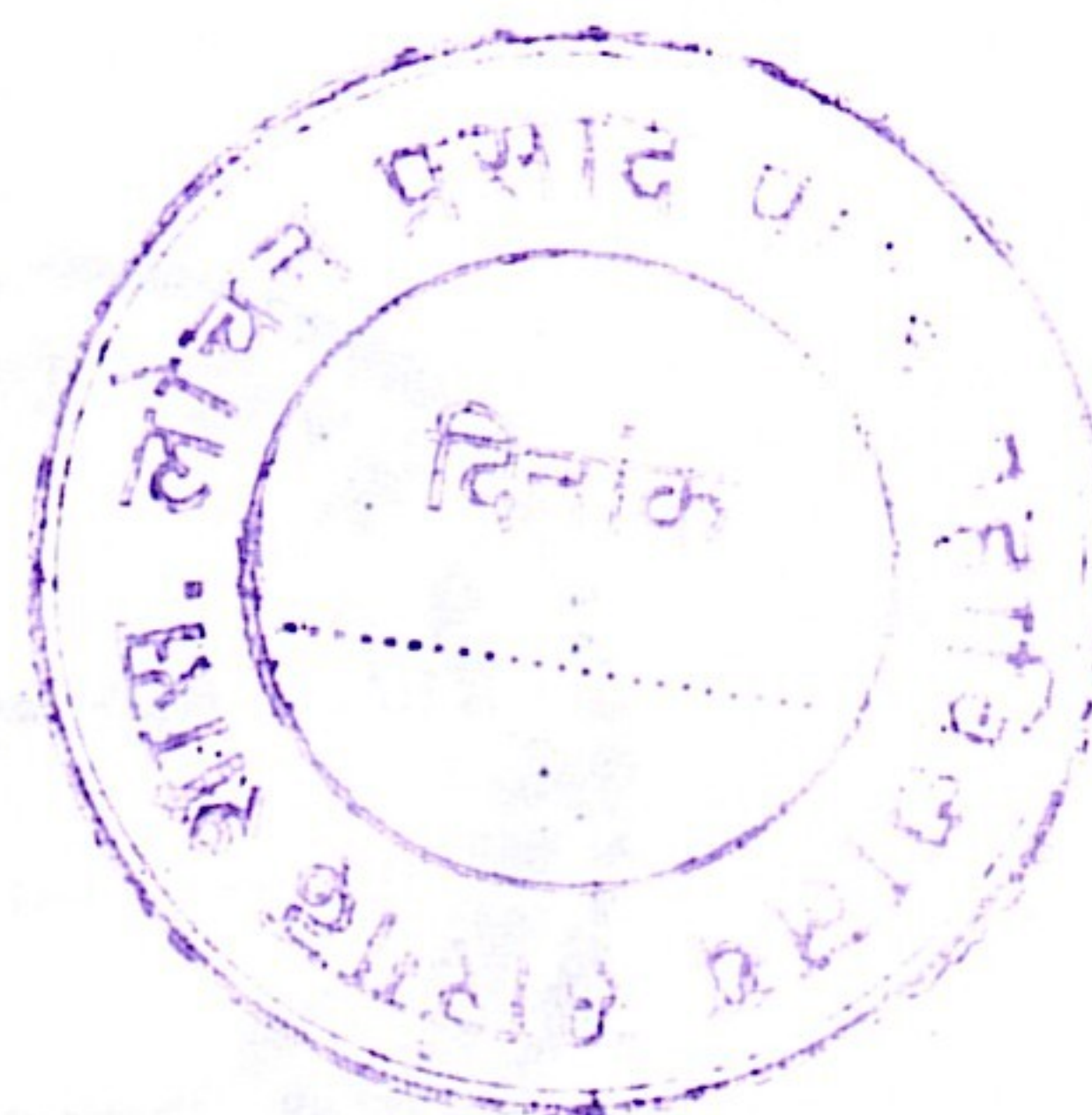


	And Computer Application	3 Understand the sample and sampling. 4 Understand the Hypothesis-in Research. 5 Basic Concept of computer .
	Public Economics –I	1 Principle of maximum social advantage and taxation. 2 Understand the Indian Tax System . 3 Describe the Public Expenditure . 4 Analyse the Public debt . 5 Budget Process in India .
	Public Economics-II	1 Principles of fiscal federalism . 2 Objective of fiscal Policy. 3 Principle of federal finance in India. 4 Analysis of central & C.G. Government budget 5 Financial responsibilities.
	Course of social sector Economics of social sector	1 Classify pollution with solution . 2 Environmental Protection . 3 Classification of Resource . 4 Economics of education. 5 Economics of health .
	Environmental and welfare economics	1 Define welfare economics. 2 Function of social welfare . 3 Environmentaleconomics . 4 Theories of externalities 5 Environment value .
	Labour Economincs	1 Understand the labour market. 2 Methods of labour recruitment and placement . 3 Concept of Employment and unemployment . 4 Employment in private industry public sector and agriculture sector. 5 Theories of wage determination .
	Demography	1 Important of demography. 2 Theories of population . 3 Definition & measurement of fertility.



COURSE OUTCOME

Class	Subject	Page No.
BSC.CS I	Fundamental of Computer and Information Technology	2
BSC.CS -I	Programming and C and C++	2
BSC.CS -II	Computer Software HTML & C++	3
BSC.CS -II	Computer Hardware Part 2	3
BSC.CS -III	Computer Hardware – Introduction to DBMS and RDBMS Back-end tool and Front-end tool.	4
BSC.CS -III	Data Communication and Computer networking	4
PGDCA	Fundamental of Computer and Information Technology	5
PGDCA	System Analysis and Design	5
PGDCA	Relational database management system(oracle)	5
PGDCA	PC- Package and Computerized Accounting System	6
PGDCA	Data Communication and Computer Network	7
PGDCA	Programming using C & C++	7
M.A.English 1 st Sem	Poetry	8
	Drama	8
	Prose	8
	Fiction	8
M.A.English 2 nd Sem	Poetry	9
	Drama	9
	modern literature poetry and prose	9
	Fiction short stories	9
M.A.English 3 rd Sem	Critical Theory	10
	Indian literature	10
	American literature	10
	History of English literature (optional)	10
	Linguistic (optional)	10
M.A.English 4 th Sem	Literature In Translation	11
	Diaspora and Dalit Literature	11
	World Literature	11
	Colonial and Post Colonial Literature (Optional)	11



BSC.CS 2nd	Computer Software HTML & C++	• Concept of Website. • Create a Website using Different Language. • Explain HTML and Version. • Type of HTML. • Element of HTML. • Webpage Source Code how to find. • Script Page and Background Link and Active link. • Colour and Different element Tag used in HTML. • What is Netscape? • How to create a website. • Character Element of HTML. • Image Tag used in Front and Back page. • How to upload your Website in Server. • Type of Website. • How to used in Webpage and Website. • C language and HTML Language used. • Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects. • Understand dynamic memory management techniques using pointers, constructors, destructors, etc. • Describe the concept of function overloading, operator overloading, virtual functions and polymorphism. • Classify inheritance with the understanding of early and late binding, usage of exception handling, generic programming. • Demonstrate the use of various OOPS concepts with the help of programs.
	Computer Hardware Part 2	• Micro-computer: Basic Block; Prom ram memory; Data memory: 1/0 Parts; Clock generator: Integration of functional blocks. • memory addressing: Ad- dressing I/O ports; comparision of 1/0 mapped and memory mapped 1/0. • HP or CPU: Intel 8088, 286, 386, 486, 586 Pentium, P54C, MMX P55C; Motorola 6800. • Data addressing modes, Actressing for branch instructions in 8088. • video editing and memory management, software development, hardware pats creatings. • Learn the Fundamentals of MS-DOS



COURSE OUTCOME

Class	Subject	Course Outcomes
BSC.CS 1 ST	Fundamental of Computer and Information Technology	• Generation of Computer. • Classification of Computer Work and Type. • Classification of Finn's Computer. • Computer Number System (Binary, Decimal, Hexadecimal, Octal. • Type of Computer. • Uses of Computer • Explain Microprocessor • Microprocessor 8085 and 8086. • Explain various phase of CPU processing. • Control flow and Data flow Computer. • Input Output Device. • Different type of Printer. • Memory of Computer and Uses. • Computer Language and uses. • Computer Security and backup Planning. • Computer Software and its uses world. • Computer Network and Uses.
	Programming and C and C++	• Control the sequence of the program and give logical outputs. • Implement strings in your C program. • Store different data types in the same memory. • Manage I/O operations in your C program. • Repeat the sequence of instructions and 7.points for a memory location. • Apply code reusability with functions and pointers. • Understand the basics of file handling mechanisms. • Explain the uses of pre-processors and various memory models



COURSE OUTCOME

Class	Subject	Course Outcomes
PGDCA	Fundamental of Computer and Information Technology	• Generation of Computer. • Classification of Computer Work and Type. • Computer Number System (Binary, Decimal, Hexadecimal, Octal. • Type of Computer. • Uses of Computer • Input Output Device. • Memory of Computer and Uses. • Computer Language and uses. • Computer Security and recovery Planning. • Computer Software and its uses. • Computer Network and Uses.
PGDCA	System Analysis and Design	• Structure of Computer. • Type of System. • System Development and Life Cycle. • Analysis of System. • Role of System Analyst. • Structure tool of System development. • System Development Advantage and Disadvantage. • Method of system design. • Form design and type. • Data processing and Form layout. • File Structure and Organization. • System Testing and quality Assurance. • Training and Documentation. • Implementation Of software. • System Security and Recovery Planning.
PGDCA	Relational database management system(oracle)	• Overview of Database. • DBMS and RDBMS Different. • Database Design Front and Back Page Tool Create. • Type of Database Language. • Database Model. • Entity Relationship of Database. • Different type of Key used in DBMS. • Normalization of DBMS. • Function Dependency. • PL/SQL and SQL Language. • Database creating connecting with uses Mypl/sql. • Easy to maintenance database connectivity. • User friendly database management.



BSC.CS 3 rd	Computer Hardware – Introduction to DBMS and RDBMS using Back- end tool and Front-end tool.	• Overview of Database. • DBMS and RDBMS Different. • Database Design Front and Back Page Tool Create. • Type of Database Language. • Database Model. • Entity Relationship of Database. • Different type of Key used in DBMS • Normalization of DBMS. • Function Dependency. • PL/SQL and SQL Language. • Database connection using pl/sql and SQL.
	Data Communication and Computer networking	• Student will be able to understand network communication using the layered concept, Open System Interconnect (OSI) and the Internet Model. • Student will be able to understand various types of transmission media, network devices; and parameters of evaluation of performance for each media and device. • Student will be able to understand the concept of flow control, error control and LAN protocols; to explain the design of, and algorithms used in, the physical, data link layers. • Student will understand the working principles of LAN and the concepts behind physical and logical addressing, subnetting and supernetting. • Student shall understand the functions performed by a Network Management System and to analyze connection establishment and congestion control with respect to TCP Protocol. • Student shall understand the principles and operations behind various application layer protocols like HTTP, SMTP, FTP. • Student shall understand the network security requirements and attacks, digital signature, digital certificate and firewall



	PC- Package and Computerized Accounting System	• Performing basic editing functions, formatting text, copy and moving objects and text. • Learning the formatting skills on paragraphs, tables, lists, and pages. • Knowledge on navigating the Word Ribbon Interface. • Understanding the process of inserting graphics, pictures, and table of contents, Drop Cap. • Learning the utilities of Auto text, AutoCorrect, Footnotes and Bookmark. • Demonstrate the mechanics and uses of Word tables to organize and present data. • Demonstrating the basic mechanics and navigation of an Excel spreadsheet. • Formatting techniques and presentation styles. • Learning the use and utility of functions and formulas on excel spreadsheet. • Working knowledge of organizing and displaying large amounts and complex data. • Using clip art to enhance ideas and information in Excel worksheets. • Understanding the need and use of using Excel templates. • Analyzing formatting techniques and presentation styles • Integrating information from other Microsoft programs into a PowerPoint presentation. • Working with text, themes, and styles. • Creating charts, graphs, and tables. • Inserting media clips and animation. • Learning use macros, customize, package and publish your presentation • Creating and manipulating simple slide shows with outlines and notes. • After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e. Tally ERP.9 • Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software. • Students will possess required skill and can also be employed as Tally data entry operator.
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COURSE OUTCOME

Class	Subject	Course outcome
M.A.- English Literature 1 st Semester	Paper-1 (Poetry)	• Poetry Explain the prose in respective age, understanding the poetry From Chaucer to Black, and John Milton • Analysis of the John Dryden Alexander Pope poem: • Understanding the poetry of Thomas Grey, and William Black poem. • Determine of the William Shakespeare and John Donne poem.
	Paper-2 (Drama)	• understand the Drama of Christopher Marlowe and William Shakespeare. • Critical Analysis of William Shakespeare play. • Understand the play (Drama) Samson Agonists and Ben Jonson. • Determine the Drama - John Webster and W. Congreve.
	Paper-3 (Prose)	• Understand the prose of Francis Bacon and John Milton. • Evaluate the prose of Thomas Carlyle and Charles Lamb. • Determine the prose of R.L. Stevenson and William Hazlitt.
	Paper-4 (Fiction)	• understand the fiction of Samuel Richardson and Henry Fielding. • Analysis of the fiction of Daniel Defoe and Charles Dickens. • Critical analysis of the fiction Jane Austen and M.M. Thackeray. • understand the fiction of Thomas Hardy and Virginia Woolf - Mrs. Dalloway.



Class	Subject	Course outcome
M.A.- English Literature 2 nd Semester	Paper-1 (Poetry)	• understand the poetry of william Wordsworth and S.T. Coleridge. • Critically analysis of the poetry W. B. Shelley and John Keats. • Understand the poetry of Lord Byron and Alfred Tennyson. • Understudying the poem of Robert Browning and Matthew Arnold.
	Paper-2 (Drama)	• understand the Drama of Oliver Goldsmith and R.B. Sheridan. • Evaluate of the Drama of G.B. Shaw and Galsworthy. • Determine the play of T.S. Eliot and John Osborne. • understanding the play(Drama) Henrik Ibsen and Bertolt Brecht.
	Paper-3 (modern literature poetry and prose)	• understanding the poetry of W.B. Yeats and G.M. Hopkins • understanding the poetry of the T.S. Eliot and W.H. Auden. • Critical analysis of the Robert Lynd and A.G. Gardiner poem. • Evaluate the prose of J.K. Chesterton and Hilaire Belloc.
	Paper-4 (Fiction short stories)	• Understanding the fiction of James Joyce and D.H. Lawrence. • Evaluate the fiction of E.M. Forster and Joseph Conrad. • Analyse of the fiction of Oscar Wilde and O. Henry • Understanding the fiction of Katherine Mansfield and Anton Chekhov.



Class	Subject	Course outcome
M.A.- English Literature 3 rd Semester	Paper-1 (Critical Theory)	• understanding the critical theory of Aristotle and Bharat Muni Natya shatra. • Analize of the essay of william Wordsworth and T. S. Eliot. • Critically analize ideas evidenc and argument relating to the current topic or significant historical event. • Critical analysis of the Roland Barthes, and Edward said essay.
	Paper-2 (Indian literature)	• understand, the Rabindranath Tagore and Shri Aurobindo Gosh poem. • Analysis of the poem of Sarojini Naidu and Nissien Ezekiel • Evalute the prose of the Rabindranath Tagore and Girish Karnad. • understand the Novel of M.R. Anand and R.K. Narayan.
	Paper-3 (American literature)	• Analyse American prose as a expression of individual or communal value curbes within Social politial cultures. • Analyse of Drama of Arthur Miller and Eugene O' neil. • Demonstrate the prose of Ralf waldo Emerson and Henry david Thoreau. • Deliniate the fiction of the Earnest Hemingway and william Faulkner.
	Paper-4 (History of English literature) (optional)	• Analyse the Elezabethan age and thier authors and his works. • Delineate the New classical age. • Determine the romantic age authors and their style. • Demonstrate the victorian age.
	Paper-4 (Linguistic) (optional)	• Develop the Knowledge of History of English language • Illlustrate the Differences in phonetics phomonology syntax semantics and pragmatics. • Indentify the manner of articulation and classification of vowels and consonants. • Apprehend and express nature and function of language and Gain itergrated knowledge of Four language skill L SRW"



Class	Subject	Course outcome
M.A.- English Literature 4 th Semester	Paper-1 (Literature In Translation)	• Describ the Analyse the play of kalidas and Banabhatta • Delinate the a novel of Rabindranath Tager and Amrita pritam. • Understanding the novel Golden Translated by Jai rattan and P.C.and mohan Rakesh Novel - Aadhe Adhure. • Analize the Novel of Girish Karnad and vijay Tendular.
	Paper-2 (Diaspora and Dalit Literature)	• understand the Novel "The house of Mr. Biswas" of V.S Naipul and The shadow lines of Amitav Ghosh. • Deliniate the novel of Bharti mukherjee and Arudhaoti Roy Jasmine and. The god of small thing. • Analysis of the Novel of U. R. Anand Murthy and om valmiki. • Describe the novel of mulk Raj Anand and vijay Tendulkar
	Paper-3 (World Literature)	• Analyse the major writers and thier works. • Demonstrate the Differentative variety of prose. • Describe the Tory Dutt and Kamla Das poem. • Assess mastery in aspects of plot setting theme.
	Paper-4 Colonial and Post Colonial Literature (Optional)	• understand the Novel of George Orwell and Chinuae Achebe. • Critical Analysis of the Novel of Salman Rushdie and Arvind Adiga. • Demonstrate the Novel of Tonni morisonand Margaret Atwood. • Deliniate the Novel of Alice walker and Jhumpa lahari.



Mathematics B.Sc.-I

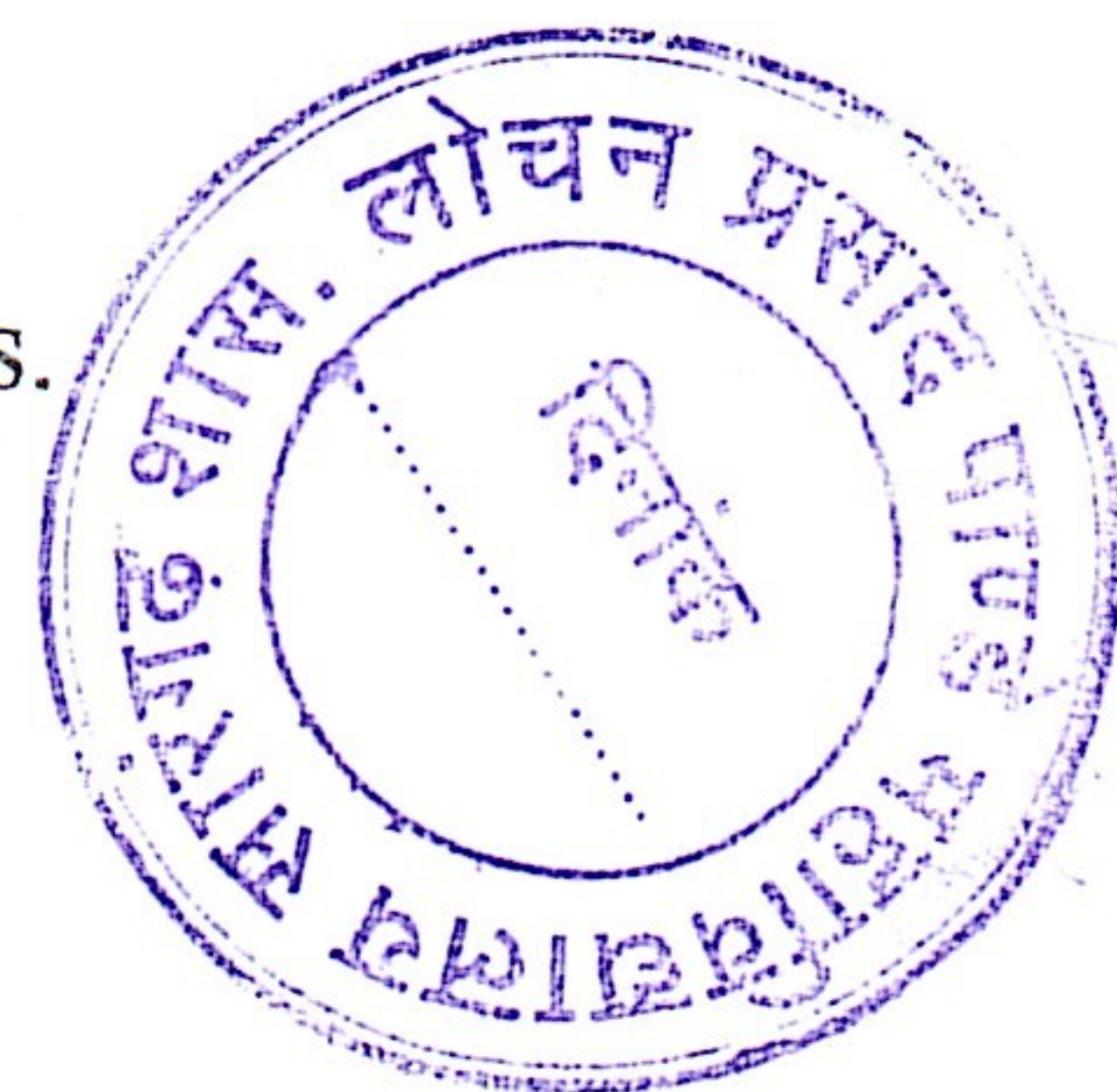
Course Outcome

- Learn to solve system of linear equation.
- Gain knowledge of fundamental concepts of real numbers.
- Verify the value of the limit of a function at a point using the definition of the limit.
- Learn to find roots of polynomial over rational.
- Introduction to sequence and series.
- Introduction to ordinary differential equation.
- Compare and contrast the ideas of continuity and differentiability.
- Solve a homogeneous linear system by the eigen value method.
- Sketch curves in cartesian and polar coordinate system.
- Determine the rank of a matrix and find solution of a system of equations.

Mathematics B.Sc.-II

Course Outcome

- Find power series solutions about ordinary points and singular points.
- Determine whether or not real series are convergent by comparison with standard series or using the ratio test.
- To learn the evaluation of laplace transform of different types of functions, their derivatives and integrations.
- To learn the evaluation of inverse laplace transform of functions, their derivatives and integration, and to learn application of convolution theorem.
- Learn that a particle moving under a central force describes a plane curve and know the kepler's laws of the planetary motions.
- To know about the simple harmonic motion and elastic strings.
- To find maxima minima and saddle points of functions of two variables.



- To understand the Beta and Gamma function.
- To learn the solution of charpit's method.
- To know about the equilibrium and catenary.

Mathematics B.Sc.-III

Course Outcome

- To understand logical concepts.
- To show logical equivalence by using truth tables.
- Introduction to vector space and subspace.
- Students will be able to define ring and subrings.
- Study of ideals and concept related to ideal.
- Study of various integral domain in ring.
- Introduction to field.
- To learn Riemann integral and its properties in detail, leading to fundamental theorem of calculus and mean value theorems.
- To study unique factorization domain, Euclidean domain and related results.
- Link the fundamental concepts of groups.



- Students enable to know about Sarkariya commission report and their effect on Indian federalism.

Semester- IV

Paper 1: State Politics In India

- Understand the basic concept of state politics in India.
- Understand the nature of Indian politics.
- To understand the role of Governor, Chief minister and council of ministers in state politics.
- Student enable to know demand for state autonomy.

Paper 2: Diplomacy: theory and practice

- Students enable to understand objectives, method, techniques, limitations and historical evolution of diplomacy.
- Students enable to understand diplomacy as an instrument of Foreign policy.
- To understand the form of Diplomacy in different countries.
- Student enable to analyse the role of the great Diplomat.

Paper 3: Human Rights: Problem and Prospects

- Understand the core concept of Human Rights in Indian context.
- To facilitates the study of the concept of Human Rights and its development in the context of India.
- Comprehend the contribution of various constitutional frameworks like Fundamental Rights and Directive Principles in assuring human rights in India.
- Students will be aware about the domestic and international, legal and institutional framework for the protection and promotion of human Rights.

Paper 4: Local Government in India

- To enable the students to understand in a broader sense the longer trajectory of India's historical and political administrative experiences.
- It understand the students regarding the local government structures and practices prevalent in Post – colonial period.
- To enable the students to understand the various constitutional provisions for Local government in India.



M.A. Sociology

Course Outcome

M.A. Sociology I Sem

Paper 1: Classical Sociological theoris Understand about Sociological theory, view of Agust Comte, Max Webar, Karl Max and Durkhim.

Paper 2: Methodology of Social research Knowledge of social research, Surve , scaling sociometry, observation, interview, schedule, qestionairi case study, analysis of data.

Paper 3: Rural Sociology Knowledge about rural social system, community and folk culture, leadership, peasant relation and process.

Paper 4: Urban society in India Knowledge of urban society, urban classification, urbanization, change and problems.

M.A. Sociology II Sem

Paper 1: Modern Sociological theories Knowledge about modern sociological theories, structural functional theory, conflict theory, phenomenological theory and Indian sociological theory.

Paper 2: Social Research and Statistics Understand the concept of Statistics - mean, median, mode. Understand Diagrammatic and graphics presentation of facts. Knowledge about computer in social research.

Paper 3: Rural development and change Knowledge about rural demography, social institutions change, problems and development in rural society.

Paper 4: urban social structure and problems Understand about city dimension , Emile Durkhim, Kal Max and Max Weber, urban ecology and theory, Sociological thinkers George's Memmeal, Lues Bearth and Redfield theory of urbanization, knowledge of urban problems and urban planning in Chhattisgarh.



- Student's Capability to apply theoretical knowledge in practical situation will be increased.
- To keep the students conversant with the ever – enlarging frontiers of Cost Accounting knowledge.
- Students can get knowledge of different methods and techniques of cost accounting.
- To impart Knowledge about the concepts and principles application of Overheads.
- To provide knowledge regarding costing techniques.
- To give training as regards concepts, procedures and legal Provisions of cost audit.

Income Tax Law & Accounts

- To make aware about provisions of direct tax with regard to IT Act, 1961 and IT Rules, 1962.
- To make aware about agriculture income, residential status and incidence/charge of tax.
- To understand the provisions and procedure to compute total income under five heads of income i.e. salaries, house property, profits & gains from business & profession, capital gains and other sources.
- To understand the provision and procedure for clubbing & aggregation of incomes and set-off & carry forward of losses.
- To understand the various deductions to be made from gross total income U/s 80-C to 80-U in computing total income.
- To understand the provisions and procedure to compute total income and tax payable by an individual. HUF, Firms and AOP/BOI. To understand various tax rebate & relief and procedure to file IT return.
- To understand the concept of TDS and advance payment of tax.

Principal of Marketing

- To develop an idea about marketing and its functions.
- To enhance the students on consumer behavior.



- To familiarize students about product and its classifications. To make them understand pricing policies.
- To introduce the concept of sales forecast.

Advertising & Sales Management

- To Understand the place and contribution of marketing to the business enterprise.

Identify the major basis of market segmentation.

- To understand product life cycle.
- To know the factors affecting pricing objectives.
- To understand the concept of advertising and how this effect buying habits of consumers.
- To understand how to promote sale.

International Marketing

- To familiarize with International Marketing.
- To make them understand about different trade policy on export and import.
- To develop the knowledge about international business.
- To create an awareness about various international trade institutions (IMF, IBRD, IFC, IDA).
- To develop knowledge about different marketing strategies

Marketing Research

- To enhance the students understanding of the marketing research industry.
- To develop skills required by the researcher and understand different applications of Marketing Research To explore different approaches of Marketing research.
- To be able to exploit Marketing Research data for management decision making.



		society can be understood better. • Dowry, domestic violence, divorce, problem of elderly. fo Getting information about familial problems of Indian society by studying them. • Surrogate motherhood, live in relationship, communalism, corruption. understanding all these social peoblems.
Class	Subject	Course Outcome
BA – II Sociology	Sociology Of Tribal Society	• The Concept Of Tribe- Know About Indian Tribe. • Classification Of Tribe People- Knowledge Of Business, Living Habits Catering Rituals Of Indian Tribes. • Socioculture Profile- Kinship, Marriage And Family, Religion Belief, Cultural Tradition. Understanding All Of These. • Social Mobility And Change, Sensitization Scheme Of Tribal People. To Know About Tribal Dynamics And Their Plans In India. • Poverty, Illiteracy, Indebtedness. Understanding All These Social Problems.

Class	Subject	Course Outcome
BA – II Sociology	Crime And Society	• Understanding Concept Of Crime, Meanings. Characteristics And Types. • School Of Crime – Classical, Sociological And Psychological • Understanding All These Structure Of Crime- Anamoly; Criminal And Suicide, Organized Crime, White Coller Crime And Cyber Crime. • Alcoholism, Drug Addiction, Dowry And Beggary. • Understanding All Those Social Evil And Crime. • Punishment- Objectives And Types, Major Theories Of Punishment. Learn About All These Punishments. • Understanding Correctional Process Of Police And Judiciary



Class	Subject	Course Outcomes
B.Com –I	Business communication	• To understand about communication basic forms models process for development of positive personal attitudes • To develop awareness regarding networks of communication new trends in business area to communication with different forms • To make aware about written communication • To import information about report writing oral presentation • To make aware about modern forms of communication
B.Com –I	Business Mathematics	• To calculate simultareous equations and linear programme • Calculation o fmatrices and determination • To learn about simple & Compound interest • To calculate ratio, proportion average percentage • To calculate commission Brokerye discount profit & loss
B.Com –I	Business Environment	• To study concept, importance, component of business environment • To analyses the problems of growth for example unemployment poverty etc • To understand about the role of government in many different sector • To study about economic planning in India and FEMA • Describe the international environment in developing countries
B.Com –I	Financial Accounting	• To understand the students to learn principles of accounting and its concepts • Compare between higher purchase and instalment system and prepare here the purchase account • Describe the types of cooperative societies and prepare trading and provident laws accounts and balance sheets



		• To study about entrepreneurial behaviour • Describe the entrepreneurial development programs • To know about role of entrepreneur
B.Com –II	Corporate Accountnting	• Define issue forfeiture and Re-issue of shares • To understand the students to final accounts & liquidation of company • To find out the valuation of goodwill and shares • Explain the Accouting for amalgamation of compains • The student will get through knowledge consolidated balance sheet of holding companies
B.Com –II	Cost Accountning	• To understand the students to learn nature and scope of cost accounting and cost concepts • Explain the Accouting for labour cost and determination of overhead rates • Define job costing batch and process costing • Prepare the cost Records and BEP

Class	Subject	Course Outcomes
B.Com –III	“Income Tax”	• Understanding the basic concept of income tax • Solve a numerical under the head of income from salary and house property • Solve a numerical under the head of PCBP & CG and income from other source • Computation of tax liability and set off and carry forward of losses • Difine Tax management TDS Tax planning for individuals
B.Com –III	Management Accountng”	• Compare difference between cost decing and management accounting • Prepare funds flow statement and cost flow statement • Calculate the break even point analysis



		• Prepare cash budget and flexible budget • Calculate standard costing and variance analysis
B.Com –III	Auditing	• Understand the concept if auditing and objective principle techbniques • Audit proceduse vouching • To study audit of limited company • To study audit as investigation in companies • Recent trends in auditing
B.Com –III	Indirect Tax	• To know the basic methods and legal provisions of indirect taxes • To Familiarize state excise CENVAT • Introduction of goods and services Tax • To know about registration undet GST • Assessment and return under GST
B.Com –III	Marketing Group Principle of Marketing	• Introduction of marketing • Concept nature scope of consumer behaviour and market segmentation • Concept of product with product life cycle • Distribution channels of product • How to promote a product to get optimum profit
B.Com –III	International Marketing	• Nature scope concept of international marketing • To introduce a new product in foreign market • Mehtod of international promotion of product • International distribution of product • Export Import policy
B.Com –III	“Financial Management”	• Understanding the concept of FM financial goals functions investiment and dividend decisions • Prepare capital Budgeding MPV and IRR • Calculating cost of capital and cost of debt • Understanding the concept of capital structure and Dicidend policies • Solve working capital requirement



		• Describe the clinical analysis of cardiac cycle and ecg. • Disoribe common physiological function of ear and eye.
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Bsc-II Zoology	Vertebratesendoc rinology, Reproduction Biology, Behavior, Evolution And Applied Zoology.	• Describe The General Character Of Hormones. • Explain Reproduction Cycle In Vertebrate. • Understand The Nature And Basic Concept Of Pregnancy. • Learn The Evolution, Variation, Mutation And Natural Selection. • Understand The Applications Of Biological Sciences In Prawn Culture, Sericulture, Apiculture, Pisciculture And Poultry Keeping,
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Bsc-III Zoology	Ecology, Toxicology, Microbiology	• Describe Basic Aims And Scopes Of Ecology And Environmental Biology . • Get An Overview Of The Conservation Of Natural Resources. • Explain Basic Concept Of Principalof Systematic Toxicology. • Describe Microbiology Of Domestic Water And Sewage. • Describe Brief Introduction To Pathogenic Micro-Viruses, Rickettsial, Spirochetes And Bacteria.
Bsc-III Zoology	Genetic, Call Physiology, Biochemistry, Biotechnology And Biotechnique,	• In-Depth Understanding On The Principles And Mechanism Of Inheritance. • Learn More About Cell Physiology –Involving – Ph, Buffen, Membrane Transport And Hydrolytic Enzyme • Help To Explore New Development In Carbohydrate Lipid And Protein Metabolism. • Describe Scope And Importance Of Recombinant DNA And Gene Cloning. Describe Basic Principle And Technique Of PH Meter,

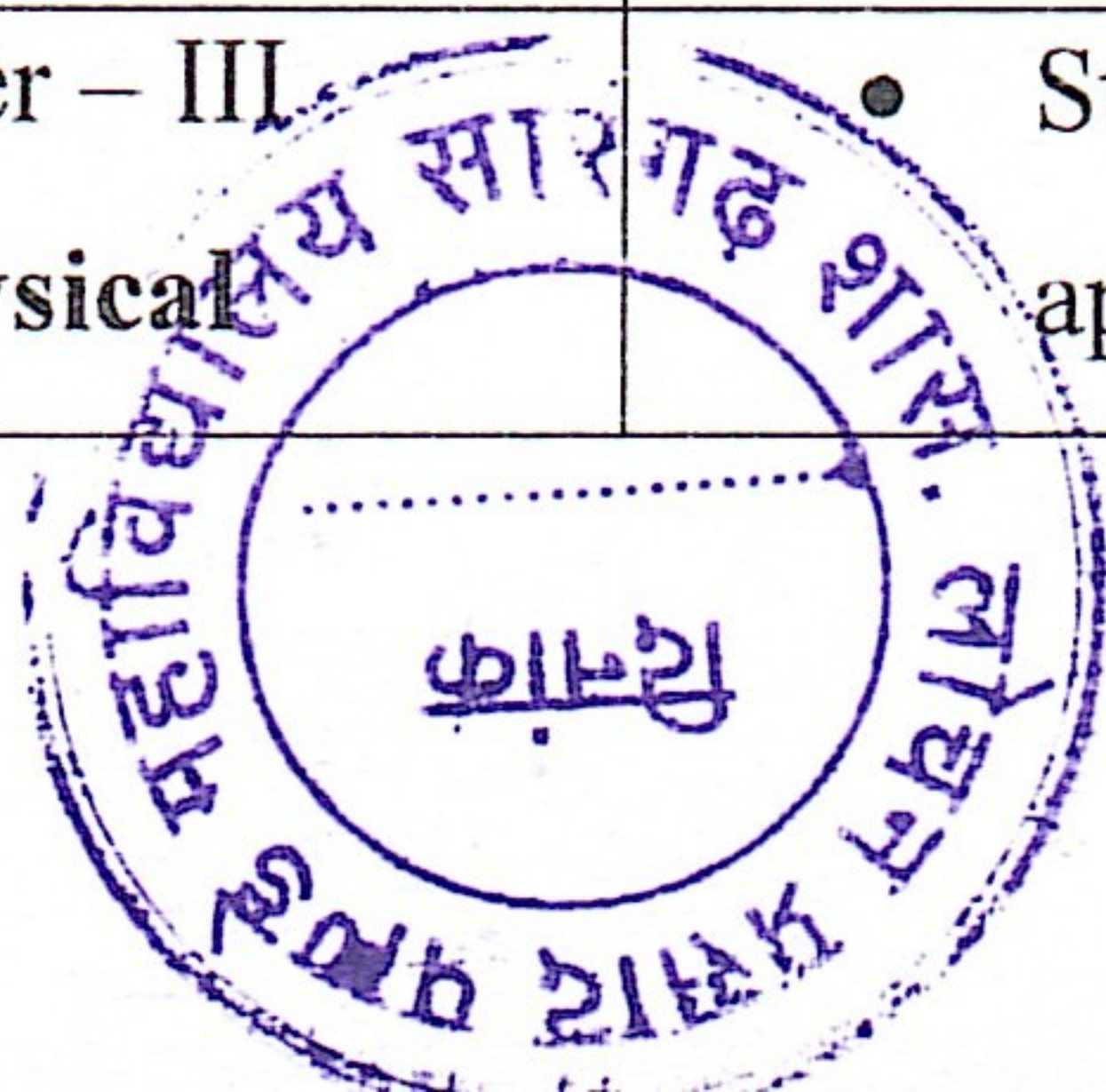


		● हिन्दी के विभिन्न रूपों संचार भाषा, राष्ट्रभाषा, राजभाषा की समझ। हिन्दी के परिभाषिक शब्दावली की समझ। ● कम्प्यूटर के हिन्दी के अनुप्रयोग एवं प्रारंभिक ज्ञान की समझ। ● अनुवाद के विभिन्न रूपों, क्षेत्र एवं सीमा तथा अनुवाद की प्रक्रिया एवं उपयोगिता की समझ। ● जनसंचार के विभिन्न माध्यमों, सूचना प्रौद्योगिकी के महत्व की समझ। आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ।
	Paper – IV	● भारतीय साहित्य के स्वरूप, अध्ययन की समस्याएं भारतीयता का समाजशास्त्र एवं उनके मूल्यों की अभिव्यक्ति की समझ। ● बंगला, उड़िया भाषा के साहित्य का इतिहास, प्रमुख कृति की जानकारी व समझ। ● बंगला, उड़िया एवं हिन्दी साहित्य का तुलनात्मक अध्ययन। ● गिरीश कर्नाड का साहित्यिक परिचय एवं हयवदन रचना की व्याख्या एवं समझ। ● वस्तुनिष्ठ एवं आलोचनात्मक प्रश्नों की समझ।
Class	Subject	Course outcome
M.A. Hindi Part – IV Sem	Paper – I	● संस्कृत काव्यशास्त्र के काव्य लक्षण, हेतु प्रयोजन प्रकार रस सिद्धांत, निष्पत्ति, अंग एवं साधारणीकरण की समझ। ● अलंकार सिद्धांत मूल, स्थापना, वर्गीकरण की समझ। ● रीति सिद्धांत के अवधारणा, काव्य गुण, रीति, शैली की समझ। ● वक्रोक्ति एवं औचित्य सिद्धांत की समझ। ● ध्वनि सिद्धांत की अवधारणा, स्वरूप, भेद की समझ। ● हिन्दी आलोचना के प्रमुख प्रवृत्तियों की समझ। ● आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ।
	Paper – II	● आधुनिक काव्य की विशेषता, नवीन विचारधारा की समझ। मैथिलीशरण गुप्त का साहित्य का परिचय एवं साकेत के नवमसर्ग की समझ। ● जयशंकर प्रसाद की साहित्य का महत्ता एवं कामायनी के तीन सर्ग-चिंता, श्रद्धा एवं लज्जा सर्ग की समझ। ● पं. सूर्यकांत त्रिपाठी निराला का साहित्यिक परिचय एवं राम की शक्ति पूजा, सरोज स्मृति, कुकुरमुत्ता काव्य की समझ। ● हरिऔध, जगन्नाथदास रत्नाकर, महादेवी वर्मा, हरिवंशराय बच्चन एवं त्रिलोचन शास्त्री के साहित्यिक योगदान की समझ। ● आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ।
	Paper – III	● भाषा के मानवीय जीवन में उपयोगिता एवं प्रयोजन मूलक की समझ विकसित। ● हिन्दी के विभिन्न रूपों संचार भाषा, राष्ट्रभाषा, राजभाषा की समझ।



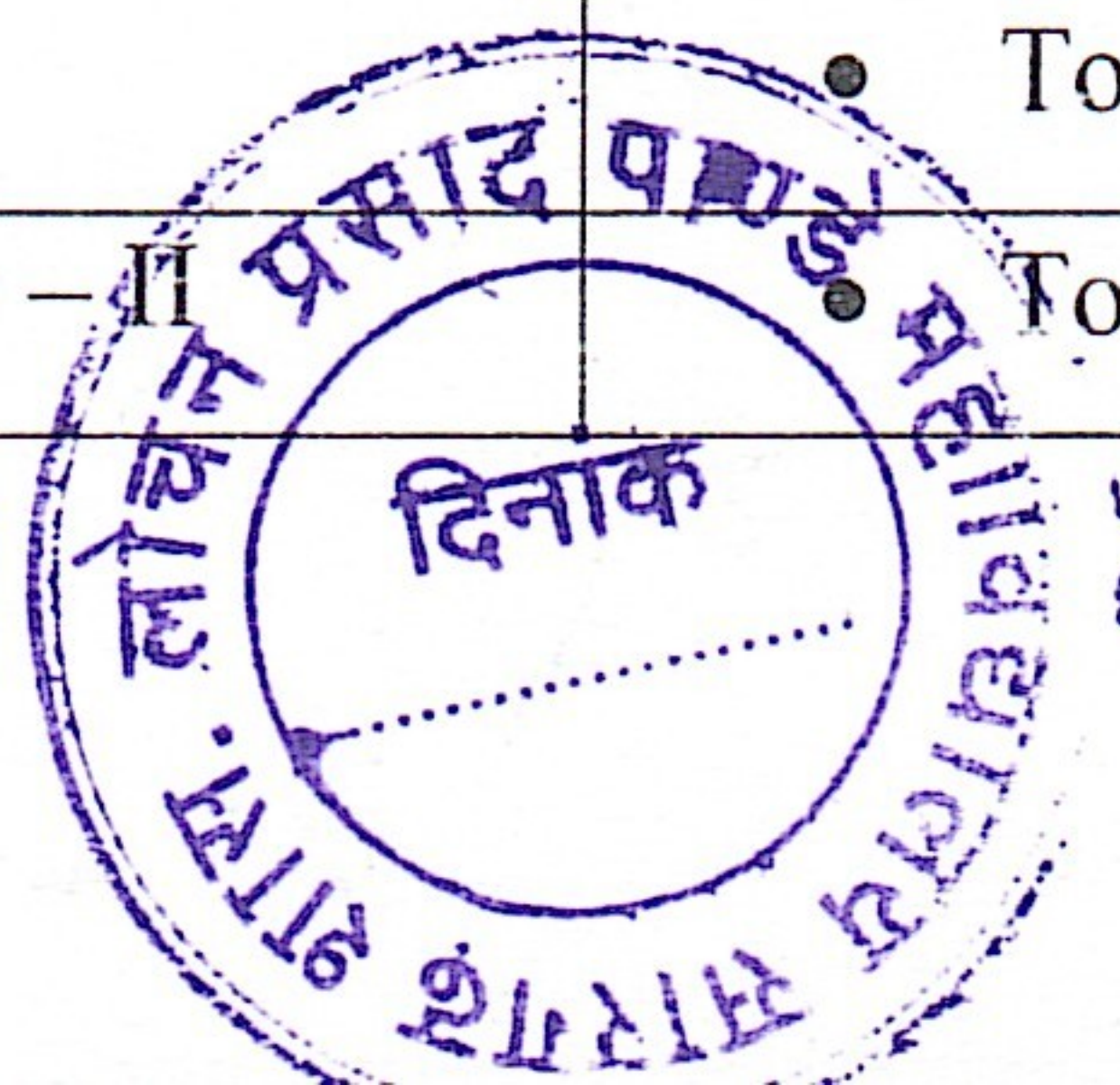
		हिन्दी के परिभाषिक शब्दावली की समझ। - कम्प्यूटर के हिन्दी के अनुपयोग एवं प्रारंभिक ज्ञान की समझ। - अनुवाद के विभिन्न रूपों क्षेत्र एवं सीमा तथा अनुवाद की प्रक्रिया एवं उपयोगिता की समझ। - जनसंचार के विभिन्न माध्यमों, सूचना प्रौद्योगिकी के महत्व की समझ। आलोचनात्मक एवं वस्तुनिष्ठ प्रश्नों की समझ।
	Paper – IV	- भारतीय साहित्य के स्वरूप, अध्ययन की समस्याएं भारतीयता का समाज शास्त्र एवं उनके मूल्यों की अभिव्यक्ति की समझ। - बंगला, उड़िया भाषा के साहित्य का इतिहास प्रमुख कृति की जानकारी व समझ। - बंगलाउड़िया एवं हिन्दी साहित्य का तुलनात्मक अध्ययन। - गिरीशकनार्ड का साहित्यिक परिचय एवं हयवदन रचना की व्याख्या एवं समझ। - वस्तुनिष्ठ एवं आलोचनात्मक प्रश्नों की समझ विकसित।

Class	Subject	Course outcome
M.Sc. Chemistry 1st semester	Paper – I (Inorganic)	- Know the structure of regular & Irregular geometry according VSEPR Theory. - Determine the molecular orbital theory of octahedral, tetrahedral & square planar complexes. - Determination of ground state term & Derivation of term - symbols. - Learn concept charge transfer spectra. - identify of C_n, C_{nv}, C_{nh}, D_{nv} & D_{nh} point Groups for different molecules.
	Paper – II (Organic Chemistry)	- Study of stereochemistry of six membered ring. - Study of generation, structure & stability carbocation, carbene free radical, carbene, nitene. - Explanation of mechanism of naming reaction. - Learn pericyclic reaction: FMO & PMO approach. Electrocyclic reaction, cycloaddition reaction, sigmatropic rearrangement - Study of general mechanistic approach to molecular rearrangement.
	Paper – III (physical)	Study of schrodinger wave equation and its application.



		• to study elimination reactions of hydrocarbons. •
	Paper – III	• To study thermodynamics as classical and statistical thermodynamics and also in non equilibrium system. • To study electrochemmistry of solutions , interface thermodynamics and theories involved in it, semiconductors interfaces etc • The methods of electrocatalysis, diferent electrodes, polarography theory and corrosion and its prevention techniques. • Electron and neutron diffraction and their applications.
	Paper – IV (spectroscopy)	• To study elelctronic spectroscopy: atomic, molecular and photo electronic spectroscopy. • To study Magnetic resonance spectroscopy: NMR, ESR, NQR, PAS • X-Ray diffraction, different methods in it and understanding how it is involved in understanding absolute configuration of molecules. • An Introduction to computer and computer programming in "C" • To understand programming and its involvement in chemistry.

Class	Subject	Course outcome
M.Sc. Chemistry Part – III Sem	Paper – I	• To Understand Electron spin resonance spectroscopy. • To Understand Nuclear Magnetic Resonance of Paramagnetic substances in solution • To Understand Ultraviolet and Visible Spectroscopy. • To Understand Nuclear Magnetic Resonance Spectroscopy. • To. Understand Carbon-13 NMR Spectroscopy. • To Understand mass Spectrometry.
	Paper – II	To Understand Metal ions in Biological Systems.



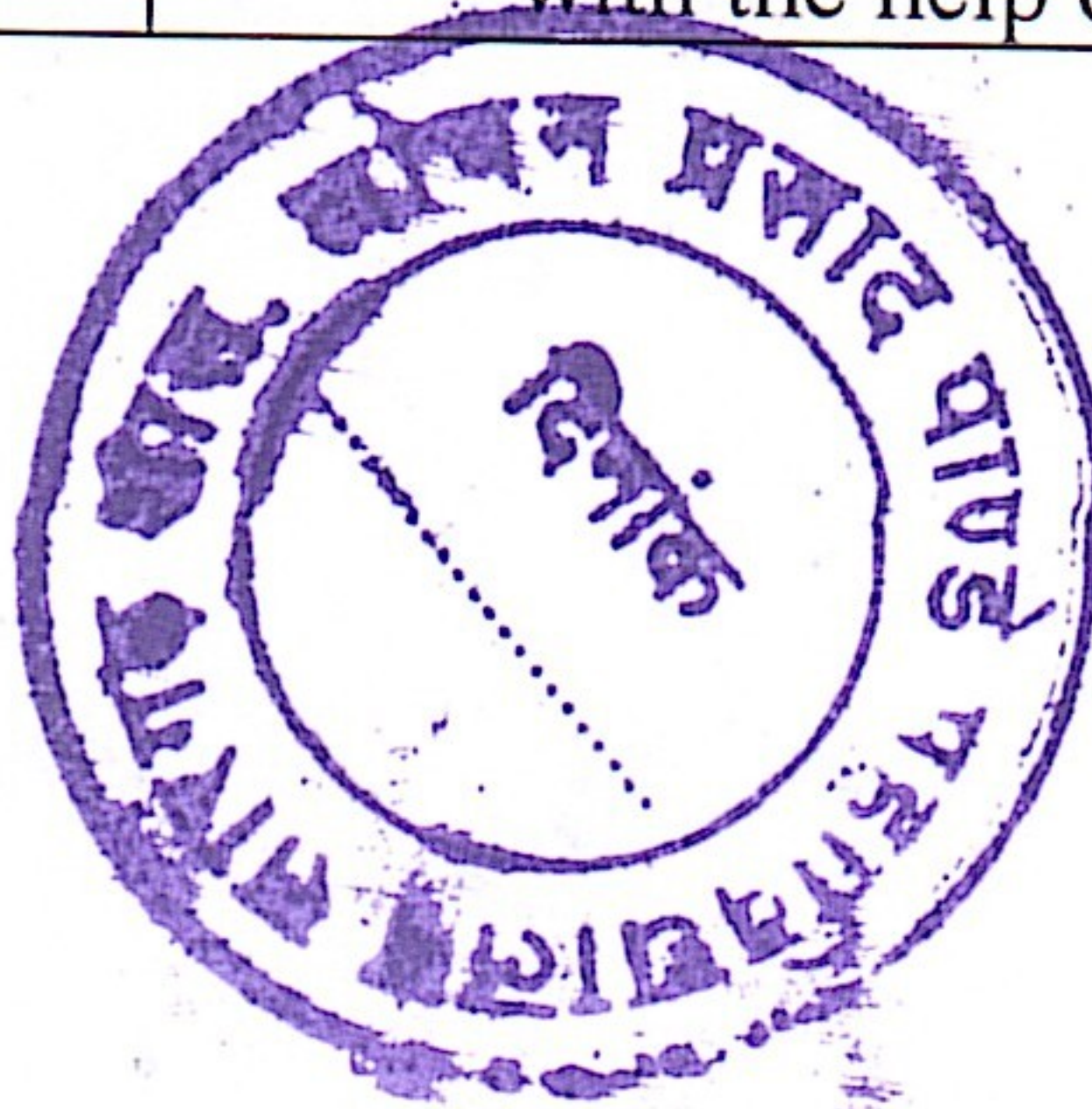
		4 Write down the classification and characteristics of fertility rate. 5 Importance of mortality data causes of death.
	Indian Economics Policy I sem	1 Analysis of GDP and National Income . 2 Economic Development and measurement PQLI, HDI, GDI 3 Planning in India, NGO'S and Pressure groups . 4 Agriculture sector, land reforms in India .
	Indian Economic Policy II sem	1 Industrial sector, Industrial policy . 2 Analysis of public finances & banking sector. 3 Export import policy and FEMA Exchange Rate Policy . 4 Analysis of Regional imbalances . 5 WTO Budget (Country and states).
	Ist Sem International Trade & Finance	1 Understand the International Trade Adam Smith's Ricardo's and Haberler Support Unity cost theory . 2 Analysis of Mill's theory offer curve Analysis Heckscher ohlin theory Samuelson and Rybczynski theorems. 3 Study about Trade. 4 Study of Tariff quotas and dumping. 5 Study about balance of payment.
	IIInd Sem International Trade & Finance	1 Theories of Exchange rate, balance of payment theory.2 Analysis of International Monetary system, WTO, UNCTAD IMF, world Bank . 3 Asian Development Bank ,world bank and india. 4 Theory of short term and long term capital movement and International Trade FDI & FII . 5 Trade Problems and trade policies in India after reforms recent import & export policies in india.
	Course out comes MACRO ECONOMICS -IIIsem	1 Understand the concept and method of national income accounting . 2 concept and theory of consumption function . 3 Analysis of Investment function saving and Investment equality. 4 Analysis of money and money theory



		5 Analysis of market equilibrium and money market Equilibrium.
	MACRO ECONOMICS -IV sem	1 Theories of supply of money fisher's and RBI Approach to money supply . 2 Analysis of Infation Deflation and Phillips curve stabilization policies . 3 Thearies of business cycles hawtery, Keynesian Schumpeter cob-web theories . 4 Monetary policy and Economic development new classical macro Economics. 5 International Monetary system and meaning & objective of fiscal policy .
	ECONOMICS OF GROWTH -III	1 Economics Growth and Development and concepts and measurement PQLI HDI etc. 2 Analysis of capital output ratio Input-output Analysis project evaluation and cost denefit Analysis. 3 Theories of Development the maxian model schumpeterium model Keynesian model mahalanobis model. 4 Theories of development Harrod Domear- Model, Arthurlewis Model, Ranis & Fie Model, Kaldor Model . 5 Analysis to John Robinson Model, Hicks and Hoyek Model solow Model.
	ECONOMIC DEVELOPME NT & PLANNING-IV sem	1 Analysis of Economics planning and five year plan . 2 Analysis of vicious crick of poverty and Big push theory. 3 Analysis of Investment criteran in Economics development and social marginal productivity . 4 Analysis of fiscal and Monetary policy and Human capital formation in developing countries . 5 Analysis of problems of development poverty income inequalities unemployment sustainable development etc.



	Data Communication and Computer Network	• Student will be able to understand network communication using the layered concept, Open System Interconnect (OSI) and the Internet Model. • Student will be able to understand various types of transmission media, network devices; and parameters of evaluation of performance for each media and device. • Student will be able to understand the concept of flow control, error control and LAN protocols; to explain the design of, and algorithms used in, the physical, data link layers. • Student will understand the working principles of LAN and the concepts behind physical and logical addressing, subnetting and supernetting. • Student shall understand the functions performed by a Network Management System and to analyze connection establishment and congestion control with respect to TCP Protocol. • Student shall understand the principles and operations behind various application layer protocols like HTTP, SMTP, FTP. • Student shall understand the network security requirements and attacks, digital signature, digital certificate and firewall
	Programming using C & C++	• Develop a C program • Control the sequence of the program and give logical outputs • Implement strings in your C program • Store different data types in the same memory • Manage I/O operations in your C program • Repeat the sequence of instructions and points for a memory location • Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects. • Understand dynamic memory management techniques using pointers, constructors, destructors, etc. • Describe the concept of function overloading, operator overloading, virtual functions and polymorphism. • Classify inheritance with the understanding of early and late binding, usage of exception handling, generic programming. • Demonstrate the use of various OOPS concepts with the help of programs.



M.A Political Science

Course Outcome

Semester-I

Paper 1: Western Political thought

- To enable the students to understand the political philosophy from ancient Greek period to Medieval period.
- The students will understand the ways in which western political thinkers responded to the political problems of their times.
- To understand the richness and variations in the political perceptions of western thinkers.

Paper 2: Comparative Politics

- Tracing the evolution of Comparative Politics as a discipline and drawing a distinction between Comparative Politics and Comparative Government.
- Investigating the nature and scope of Comparative Politics.
- Analysing the approaches the approaches and models of comparison: systems analysis; structural functionalism; and institutional approach.
- To familiarise the students the relevant theories in Comparative Politics.

Paper 3: Public Administration

- Understand the core concepts of Public Administration.
- To know the theoretical and practical manifestations of different concepts in administrative theory.
- To enable students to learn the basic concepts related to public administration and its importance.
- To familiarize students with the major approaches and recent debates related to field of public administration.

Paper 4: International Politics

- Identify comprehensive paradigm of multi-disciplinary nature of international relations
- Understand comparative theories of International relation.
- To familiarise the students regarding different theories and the relvant debates in the discipline of International Politics.
- To introduce the students the nature, and role of various international regional organizations such as SAARC, ASEAN, EU etc.

Semester -II

Paper 1: Modern Indian political Thought

- Identify the role Indian political thought and their contribution in shaping the contemporary idea of India.
- To create awareness among students regarding evolving theories and concepts in modern Indian Political Thought.
- To enable the students to understand the sources of Indian Political Philosophy.
- To familiarise the students the relevant contributions of Indian Political Philosophy to the realm of political thought.



Paper 2: Contemporary Political Issues

- To enable critical thinking among students regarding globalisation and issues such as development, terrorism, poverty, security, climate change etc.
- Students will be able to understand the basic facts about the world politics.
- To help students to identify and conceptualize the major issues in the twenty first century world politics.

Paper 3: Research methodology

- It familiarise the students regarding various tools and techniques in Social Science.
- To Understand the various limitations of research in Social Science.
- This course imparts the knowledge to students about the use and significance of research methods in political science.

Paper 4: International organisation

- To understand the students regarding the evolving nature of international systems, institution and processes.
- To enable students to have a basic understanding of the political processes of the United Nations.
- To help students the evolution of international financial institution.

Semester- III

Paper 1: Indian Government and Politics

- To familiarise the students regarding various themes in Indian polity and governance.
- Understand several ways of developing an opinion about features of Indian constitution.
- Understand the evolution of several constitutional principles through constituent Assembly debates
- Identify the historical origin and the development of Indian Constitution.
- Analyze the functioning and interrelationship between judiciary, executive and legislature in India.

Paper 2: Indian Foreign Policy: Theory and Practice

- To familiarise the students regarding the historical evolution of India's Foreign Policy .
- To study India's foreign policy, its determinants, objectives and environment in the post-independence period.
- Analyze the India's relationship with the neighbouring countries and regional blocks.
- Understand India's relationship with the U.S.A , China and Russia post- Cold war.

Paper 3: International Law

- Understand the origin, development and codification of the International Laws
- Analyze the major international laws in case of different warfare.
- Understand international laws related to savagery and war-crimes.

Paper 4: Federal system in India

- Discuss the nature of Federalism in India and how it affects the Centre-State relationship.
- Students enable to know the nature of Indian federal system and centre state relations in India.



M.A. Sociology III Sem

Paper 1: Perspective of Indian society Knowledge about Indian society - Dharm, varn, Aasram, Karm , class , elites backward, minorities and tribles. Knowledge about Indian social structure, knowledge about diversity in Indias society, knowledge of groups and communities of Indian society. Knowledge of rural urban continuum in Indian society.

Paper 2 : Industrial Sociology Knowledge about industrial sociology, industrial planning, industrial revolution, industrial moral, industrial management, industrial organisation, industrial disputes and settlement.

Paper 3 : Demographical profile Understand demography, census in India. understand fertility and birth rates in India , malthusian and Neo malthusian theory of population, understand the problem of population in India.

Paper 4: Criminology Knowledge of crime, types of crime, perspective on crime caussion, understand changing profile of crime, understand about social problems, alcoholism and drug addiction, prostitution , suicide, terrorism, knowledge about theory of punishment.

M.A. Sociology IV Sem

Paper 1: Theoretical perspectives of Indian society Knowledge about Sociological perspectives, ideological perspectives, structure functional perspectives, Marxian perspectives. Understand synthesis of textual and field views.

Paper 2: Industry and society in India Understand about industrial planning, man power planning, knowledge about leadership in industry, knowledge about trade union, knowledge about indebtedness of industrial workers.

Paper 3: Social demography of India Knowledge about Indian population, health services in India, knowledge about population education, census and economics aspects of Indian population.

Paper 4: Criminology and correctional institution Knowledge about correctional programmes in prison, knowledge about probation parole in prisons, knowledge about role of police and judiciary in India, knowledge about after case care services in India , M.P. And C.G.



M. Com. 1st & 2nd Sem Course Outcomes

Managerial Economics & Business Economics

- To understand the basic elements of managerial economics aspects, nature and decision making.
- To understand the law of demand, supply forecasting, consumer durable.
- To understand theories of profit, profit maximization and analysis of Break Even Point.
- To know law of diminishing proportion, product function, Economies of scale.
- To understand Pricing policy under Perfect Competition Monopoly, Monopolistic Competition, Oligopoly and Pricing Objectives and Methods for production to minimize the cost and maximum the profit

Advanced Accounting & Specialized Accounting

- To provide the knowledge of various accounting concepts
 - To impart the knowledge about accounting methods, procedures and techniques.
- To acquaint students with practical approach to accounts writing by using software package and by learning various accounts.

Management Accounting & Accounting For Managerial Decisions

- To enlighten the students thought and knowledge on management Accounting. Helps to give proper idea on financial statement analysis in practical point of view.
- To introduce the concept of fund flow and cash flow statement.
- To provide knowledge about budget control keeping in mind the scope of the concept.
- To develop the know-how and concept of marginal costing with practical problems.

Statistical Analysis & Advance Statistics

- To familiarizes the concept of statistic
- To provide practical exposure on calculation of measures of average.
- To provide practical exposure on calculation of measures of correlation and irrigation.



- To introduce the students about the concept of provability.
- To provide practical exposure on calculation of trend analysis.

Corporate Legal Framework & Business Law

- Make the students understand about business and corporate law.
- Develop knowledge on contract and various types of contracts.
- To help the students to understand the concept of sale of goods.
- Make the students understand about companies and its types.
- To equip the students with proper knowledge about Foreign exchange.

M. Com. 3rd & 4th Sem

Management Concept

- To understand the concept & functions and importance of management and its application.
- To make the student understand principles, functions and different management theories.
- To develop knowledge about evolution of management thoughts.
- To better understanding of planning and decision making.
- To give an idea about organisation structure and different types of organization.
- To make them familiarize with recruitment process and stages in selection.

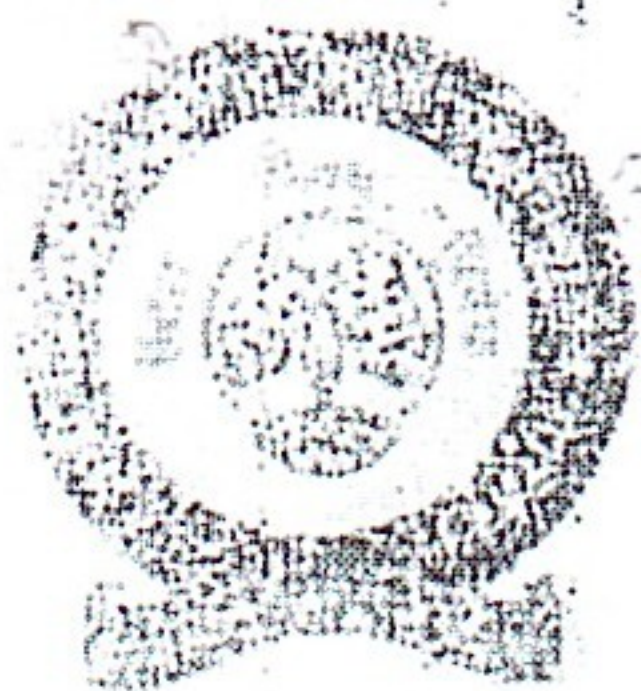
Organisational Behaviour

- To equip the students with the basic idea and introduction on organizational behavior as a concept
- To give a light on the concept and difference theories on motivation
- Explain and helps the students to gain more knowledge on Group Behavior
- To introduce the concept of leadership
- Understand the concept of conflict management

Advance Cost Accounting

- To understand Basic Cost concepts, Elements of cost and cost sheet.
- Providing knowledge about difference between financial accounting and cost Accounting
- Ascertainment of Material and Labor Cost.





**Govt. Lochan Prasad Pandey College,
Sarangarh (C.G.)**



Department of Zoology

COURSE OUTCOME (M.Sc. ZOOLOGY)

Course outcome – Sem. I

Paper 1. Invertebrate structure and function, Minor phyla

CO – 1	Understood the Classification and Phylogeny of Animals.
CO – 2	Described General characteristics, classification of invertebrates and vertebrates.
CO – 3	Described General characteristics, classification and systematic portion of Minor phyla.
CO – 4	Described the general biology of few selected invertebrates which are useful to mankind.

Course outcome – Sem. I

Paper 2. Animal behavior

CO – 1	Understand the history of animal behaviour.
CO – 2	Understand the different behaviours of different animals.
CO – 3	Come to know about the feeding behaviour, courtship behaviour and it's mechanism.
CO – 4	To explore the animal world and gain knowledge about the red listed animals.

Course outcome – Sem. I

Paper 3. Quantitative biology

CO – 1	Came to know the data collection, tabulation and presentation.
CO – 2	Described the mean, median, mode and SD.
CO – 3	Understood the Analysis of Variance.
CO – 4	Described Student 't' test and probability and Understood the Correlation and Regression

Course outcome – Sem. I

Paper 4. Ecology and environmental physiology

CO – 1	Understood of ecological relationships between living and non-living in their environment.
CO – 2	Presented an overview of diversity of life forms in an ecosystem.
CO – 3	Explained the different ecological roles of different animals in the ecosystem.
CO – 4	Understood about the habitat, niche and the resource ecology.



Course outcome – Sem. II

Paper 1. General and comparative endocrinology of vertebrates

CO – 1	Understand about the chemical messengers and their functions.
CO – 2	Understand about the different types of hormones and receptors.
CO – 3	Study about the various endo and exocrine glands and their role.
CO – 4	Explained the ligand receptor binding mechanism and overall process.

Course outcome – Sem. II

Paper 2. Gamete biology and reproductive physiology in human beings

CO – 1	Learnt about the gametes and their development.
CO – 2	Performed to know the various embryonic stages of animals.
CO – 3	Understand the male and female gonads and gamete production in it.
CO – 4	Came to know about the female and male reproductive systems.

Course outcome – Sem. II

Paper 3. Molecular cell biology

CO – 1	Understand the molecular structures of DNA and RNA.
CO – 2	Described the basic structure and functions of various cell organelles.
CO – 3	Performed a variety of molecular and cellular biology techniques.
CO – 4	Came to know about the replication, transcription and translation.

Course outcome – Sem. II

Paper 4. Tools and techniques for biology

CO – 1	Understood animal cell structure, scope of various biotechniques.
CO – 2	Explained the working principles of various tools and instruments.
CO – 3	Came to know the concept of PCR, colorimeter, centrifuge etc..
CO – 4	Understand the importance and applications of the various tools.



Course outcome – Sem. III

Paper 1. Comparative anatomy of vertebrates

CO – 1	Understand the changes occur through food and feeding actions of vertebrates.
CO – 2	Acquire knowledge about the structural of respiratory organs adopted for aquatic and terrestrial life of vertebrates.
CO – 3	Learn about the evolutionary process of the chordates and their origin.
CO – 4	Understand the process of development and advancement of vertebrate brain.

Course outcome – Sem. III

Paper 2. Biosystematics, taxonomy and biodiversity

CO – 1	Understand the hierarchy of animals.
CO – 2	Understand the taxonomic positions and trophic levels of the various animals.
CO – 3	Gain knowledge about speciation and biological classification.
CO – 4	Gain knowledge about types of biodiversity and conservation of biodiversity.

Course outcome – Sem. III

Paper 3. Immunology and developmental biology

CO – 1	Learn about the different antigens and antibodies and their responses.
CO – 2	Understand the roles of T-cells, B-cells, specific phagocytic cells fight against antigens.
CO – 3	Knowledge about severe diseases like AIDS, allergy, cancer.
CO – 4	Acquire knowledge about the hypersensitivity and understand the process of vaccine preparation.

Course outcome – Sem. III

4. Population genetics and evolution

CO – 1	Understood the Human origin and evolution.
CO – 2	We can know to molecular record provides evidence for evolution
CO – 3	Understand the Darwin's theory of evolution through natural selection
CO – 4	Explained adaptation, providing examples from several different fields of biology



Course outcome – Sem. IV

Paper 1. General physiology and neurobiology (compulsory)

CO – 1	Understand the different physiological mechanisms.
CO – 2	Understand the physiology of respiratory and circulatory system of human beings.
CO – 3	Understood the blood composition and blood groups.
CO – 4	Came to know the physiology of sense organs, muscles and reproductive system.

Course outcome – Sem. IV

Paper 2. Biochemistry and metabolic reaction and cell function (compulsory)

CO – 1	Described the structure and classification of hormones.
CO – 2	Explained how the metabolism of organic compounds leads ultimately to the production of the ATP.
CO – 3	Understood the types, structure, biochemical properties and functions of vitamins and enzymes.
CO – 4	Explained the biochemical catalysts and the chemistry involved in enzyme action.

Course outcome – Sem. IV

Paper 3. Fish (ichthyology) structure and function

CO – 1	Came to know detailed information of classification of fishes.
CO – 2	Understand the various adaptive modification of fishes on their habitat.
CO – 3	Understand about the exotic fishes in India.
CO – 4	Understand the various parenting care of the fishes.

Course outcome – Sem. IV

Paper 4. Applied fisheries

CO – 1	Learn about the important cultivable fishes in India.
CO – 2	Learn about the economic importance of beneficial, harmful, edible and non-edible fishes.
CO – 3	Acquire information about the market and marketing system.
CO – 4	Gain information about the management and utilization of the aquatic resources.

