



SSRI's,

ARTS, SCIENCE AND COMMERCE COLLEGE, RAHATA

Programme Outcomes, Programme Specific Outcomes and Course Outcomes

BACHELOR OF ARTS

Program Outcomes	
	PO1-.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
	PO-2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
	PO-3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
	PO-4: Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
	PO-5: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
	PO-6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
	PO-7: Self-directed and Life-long Learning and Socio-economic awareness: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes. Becomes aware of socio-economic conditions and try to create a balance through sensible behaviour and judicious decisions.
Department of English	
PSO, CO 2020-21	PROGRAM: B.A. English



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Program Specific Outcomes	<p>PSO-1: Understand different modes of communication in the context of modern life.</p> <p>PSO-2: Become effective and efficient users of English language.</p> <p>PSO-3: Enhance Employment opportunities in communication based careers.</p> <p>PSO-4: Understand and apply the basic terms in English literature-drama, poetry and fiction and literary Criticism.</p> <p>PSO-5: To understand the venture of reading and critical examination and evaluation of British, Indian and Commonwealth literature</p> <p>PSO-6: Understand the structure and usage of modern Indian English.</p> <p>PSO-7: To apply the knowledge of English in various sectors of life like teaching, technical writing, journalism, law etc.</p>
Course Outcomes	Semester I
F.Y.B.A. (CBCS- 2019)	
Course Code: 11011	CO1: To demonstrate (level 2 Understanding) students to the best examples of prose and poetry of English to relate the beauty and communicative power of English.
Compulsory English	CO 2: To illustrate (level 2 Understanding) different parts of speech-grammar and apply (level 3 Applying) them to day-to-day life.
	CO3: To develop the ability to appreciate (Level 5 Evaluating) and think critically.
	CO 4: To improve (level 6 Creating) employability of students by developing their linguistic competence and communication skills.
Course Code : 11331	CO 1: To familiarize (Level 1 Remembering) students with the minor forms of literature in English.



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Optional English	CO2: To simplify the basics of phonology of English so that they can pronounce better and speak English correctly. (Level 3 Applying)
	CO3: To enhance the job potential of students by improving (level 3 Applying) their language skills.
	CO 4: To explain students about the basics of literature and language. (Level 5 Evaluating)
	Semester II
Course Code: 12011	CO1: To illustrate (level 2 Understanding) different parts of speech-grammar and apply (level 3 Applying) them to day-to-day life.
Compulsory English	CO 2: Develop (Level 3 Applying) interest in reading literary pieces.
	CO 3: Show (level 2 Understanding) to native cultural experiences and situations in order to develop (Level 3 Applying) human values and social Awareness.
	CO 4: To improve (level 6 Creating) employability skills by developing their linguistic competence and communication skills.
Course Code : 12331	CO1: Explain significance of various sub systems of English language.
Optional English	CO 2: Familiarity with the basics of English language.
	CO 3: Expose to native cultural experiences and situations
	CO 4: To instill human values through the literary pieces.
Course Outcomes	Semester I SYBA Pattern 2019
Course Code: 23001	CO 1: To develop effective communication skills by developing ability to use right words in right context
	CO 2: To improve employability of the students by developing their basic soft skills.



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Compulsory English	CO 3: To instill human values through the literary pieces.
	CO 4: To modify the learning of some important areas of grammar for better linguistic Competence. (Level 6)
Course Code: 23331	CO1: To explain drama as a form of literature and minor forms of drama. (Level 2 Remembering)
Appreciating Drama	CO 2: To demonstrate the students with the elements of drama.(Level 2 Understanding)
	CO 3: To justify the students about the evaluation of drama independently. (Level 5 Evaluating)
	CO 4: Appreciate (Level 4 Analysing) and analyze masterpieces of English literature from different parts of the world.
Course Code: 23332	CO 1: To Explain (Level 1 Remembering) to the students various critical concept related to poetry.
Appreciating Poetry	CO 2: To illustrate (level 2 Understanding)students to the masterpieces of English literature
	CO 3: To teach them to appraise (level 3 Applying) poetry.
	CO 4: To critically evaluate (level 4 Analysing) poetry independently.
Course Code: 23333	CO 1: To introduce students to the various components of language(L2 Understanding)
Advanced Study of English Language	CO 2: To develop (level 3 Applying) linguistic competence of the students
	CO 3: To demonstrate (L 2 Understanding)) to the students advanced areas of language study.
	CO 4: To enhance communicative skill of students by developing (level 4 Analysing) insights into the working of language.



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Skill Enhancement Course	CO 1: To develop interest among the students to interact in English. (Level 3)
Course Code: 23334	CO 2: To enhance the communicative skills of students for everyday communication. (Level 3)
	CO 3: To introduce students to the various skills in communication. (Level 2)
	CO 4: To develop (level 3) linguistic competence of the students
	Semester II
Compulsory English	CO 1: To introduce (Level 1 Remembering) students to the best examples of English literature.
Course Code: 24001	CO 2: To develop (Level 2 Understanding) effective communication skills by developing ability to use right words in right context.
	CO 3: To enhance (Level 3 Applying) employability through the development of basic soft skills.
	CO 4: To reinforce (Level 6 Creating) the learning of some important areas of grammar for better linguistic competence.
Appreciating Drama	CO 1: Develop critical insight to read literature closely.
Course Code: 24331	CO 2: To illustrate students to the masterpieces of English literature
	CO 3: To justify the students about the evaluation of drama independently. (Level 5)
	CO 4: To Explain (level 2) to the students various critical concept related to drama.
Appreciating Poetry	CO 1: To justify the students about the evaluation of poetry independently. (Level 5 Evaluating)
Course Code: 24332	CO 2: Develop (Level 3 Applying) critical insight to read literature closely.
	CO 3: To teach them to appraise (level 4 Analysing) poetry.
	CO 4: To critically evaluate (level 4 Analysing) poetry independently.



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Advanced Study of English Language	CO 1: To demonstrate (L 2 Understanding) to the students advanced areas of language study.
Course Code: 24333	CO 2: To enhance (Level 6 Creating) communicative skills of students by developing (level 3 Applying) insights into the working of language.
	CO 3 : Awareness (Level 1 Remembering) for the phenomena of world Englishes.
	CO 4 : Explain (Level 2 Understanding) significance of various sub systems of English language
Skill Enhancement Course	CO 1: Understand different modes of communication in the context of modern life.
Course Code: 24334	CO 2: To develop interest among the students to interact in English. (Level 3)
	CO 3: To enhance the communicative skills of students for everyday communication. (Level 3)
	CO 4: To introduce students to the various skills in communication. (Level 2)
Course Outcomes TYBA Pattern 2013	
Course Code: 3017	CO 1: To apply the knowledge of language in real life situations (level 3 Applying)
Compulsory English	CO 2: To improve (level 6 Creating) the personality of the students through the smart use of language.
	CO3: To develop (level 3 Applying) humanitarian and to foster (level 3 Applying) a sympathetic attitude in the students.
	CO 4: To extend (level 2 Understanding) to the knowledge of some essential soft skills to enhance (Level 6) their employability.
Advanced study of English Language and Literature	CO 1: To introduce students to the various components of language(level 2 Understanding)



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Course Code: 3337	CO 2: To develop (level 3 Applying) linguistic competence of the students
	CO 3: To demonstrate (level 2 Understanding) to the students advanced areas of language study.
	CO 4: To enhance (Level 6 Creating) communicative skill of students by developing (level 3 Applying) insights into the working of language.
Appreciating Novel	CO 1: To Explain (level 2 Understanding) to the students various critical concept related to novel.
Course Code: 3338	CO 2: To apply (Level 3 Applying) the elements of novel to the prescribed texts.
	CO 3: To teach those to appraise (level 4 Analysing) novel.
	CO 4: To critically evaluate (level 5 Evaluating) novel independently.
Introduction to Literary Criticism	CO 1: To introduce students to the basics of literary criticism. (L2 Understanding)
Course Code: 3339	CO 2: To familiarize the students with the critical approaches and terms. (Level 1 Remembering)
	CO 3: To encourage students to interpret (Level 5 Evaluating) literary works in the light of the critical approaches.
	CO 4: To develop aptitude for critical analysis. (Level 3 Applying)



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Department of Marathi

Department of Marathi	
2020-21	
Course Outcomes B. A. Marathi	
Course	Outcomes-
	After completion of these courses students should be able to;
एफ.वाय.बी.ए. मराठी जनरल सेमि. १ १. कथा आणि भाषिक कौशल्य विकास	१) कथा व तिचे स्वरूप, घटक आणि प्रमुख प्रकारांचा परिचय विद्यार्थ्यांना होतो.
	२) समकालीन मराठी कथा या कथा संग्रहातील कथांमधील विविध पत्रांचा परिचय विद्यार्थ्यांना होतो.
	३) मराठी कथेच्या आजवरच्या वाटचालीचा परिचय विद्यार्थ्यांना होतो
	४) श्रवण, लेखन , वाचन व संभाषण या कौशल्याचा विकास होतो.
सेमि. : २ २. एकांकिका आणि भाषिक कौशल्य विकास	
	१) अभ्यासक्रमासाठी असलेल्या एकांकिकामधील पत्रांचा परिचय विद्यार्थ्यांना होतो.
	२) एकांकिका या साहित्य प्रकारचे स्वरूप व वैशिष्ट्ये यांचा परिचय विद्यार्थ्यांना होतो.
	३) मराठी साहित्यातील एकांकिका या साहित्य प्रकारची ओळख होते.
एफ.वाय.बी.कॉम मराठी जनरल- सेमि. १	४) श्रावण व लेखन या भाषिक कौशल्याचा विकास होतो.
	१) विद्यार्थ्यांमध्ये वाचन संस्कृती व भाषेविषयी आवड निर्माण करता येते.
	२) विविध क्षेत्रातील कर्तृत्ववान व्यक्तींच्या कार्याची व विचारांची ओळख होते



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१.भाषा साहित्य आणि कौशल्य विकास	३) यशस्वी उद्योगाची दिशा दाखविण्यास मदत होते. ४) निबंध लेखनाचे स्वरूप व प्रकार यांचा परिचय होतो
सेमि. २ २. भाषा आणि कौशल्य विकास	१)अर्ज लेखन व पत्र लेखन कौशल्य आत्मसात होतात. २) विविध क्षेत्रीय मराठी भाषेच्या वापराची कौशल्य विकसित होतात. ३) विद्यार्थ्यांमध्ये नैतिक व्यावसायिक व वैचारिक मुल्यांची जोपासना होते. ४)वृत्तपत्र माध्यमातील बातमी लेख्यान जाहिरात लेखन इत्यादी तन्त्र विद्यार्थी अवगत करतात.
एस.वाय.बी.ए. मराठी जनरल- २ सेमि. ३ १)भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार कादंबरी	१) रारंग ढांग या कादंबरीचा आशय, त्यातील संघर्ष, पात्रचित्रण यांचे प्रातिनिधिक स्वरूपात अध्ययन करण्यास मदत होते. २) रारंग ढांग या कादंबरीतील निसर्गाचे रौद्र रूप, लष्कराची शिस्त व जीवन स्वरूप विद्यार्थी समजून घेतात. ३) संगणक आणि मोबाईल वर युनिक कोड मधून मुद्रण कसे करावे हे समजून घेता येते. या वाङ्मय प्रकारचे स्वरूप, वैशिष्ट्ये, वाटचाल, प्रकार व घटक यांचा परिचय विद्यार्थ्यांना करून घेता येतो. ४) रारंग ढांग कादंबरीचे वाङ्मयीन मूल्यमापन करून घेण्याची दृष्टी विकसित होते.
सेमि. ४ २) भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्य प्रकार ललित गद्य	१)ललित गद्याचे आकलन व आस्वाद विद्यार्थ्यांना घेता येतो. २) नेमलेल्या अभ्यास पुस्तकातील ललित गद्याचे आकलन विद्यार्थी करतात. ३)गुगल साधनाचा अध्यापनातील वापर विद्यार्थी शिकतात.



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	४) ललित गद्य या साहित्य प्रकारचे स्वरूप घटक व प्रकार व वाटचाल विद्यार्थी समजून घेतात.
एस.वाय.बी.ए. मराठी MIL – सेमी. ३ १)मराठी भाषिक संद्यापण कौशल्य	१) वृत्तपत्र माध्यमांसाठी बातमी लेखन तंत्र विद्यार्थी अवगत करतात.
	२) नभोवाणी या श्राव्य माध्यमांचा विशेष परिचय करून घेता येतो तसेच नभोवाणी माध्यमांचे कार्य, उपयुक्तता जाणून घेता येते.
	३) नभोवाणी माध्यमांसाठी भाषण लेखन व श्रुतिका लेखन तंत्र विद्यार्थी अवगत करतात.
	४) दूर चित्र वानैसाठी माहिती पट संहिता लेखन तंत्र विद्यार्थी अवगत करतात..
सेमि :४ २)नवमाध्यमे आणि समाज माध्यमांसाठी मराठी	१)नव माध्यमे आणि समाज माध्यमांविषयी साक्षरता निर्माण होते.
	२)भाषा जीवन व्यवहार आणि नाव माध्यमे यांच्यातील परस्पर संबंध विद्यार्थ्यांना समजण्यास मदत होते.
	३) वेब साईट आणि ब्लॉग साठी लेखन प्रक्रिया विद्यार्थी समजून घेतात.
	४) व्यावसायिक पत्र व्यवहार तंत्र विद्यार्थ्यांना अवगत होण्यास मदत होते.
एस.वाय.बी.एस्सी. मराठी जनरल – सेमि. ३ १)उपयोजित मराठी	१) मराठी भाषा , साहित्य यांच्या परस्पर संबंधांची जाणीव होते.
	२) वृत्तपत्र, नभोवाणी चित्रवाणी महाजाल, इत्यादी प्रसार माध्यमांसाठी लेखन कसे करावे हे समजते.
	३.) मराठी भाषा आणि जीवन व्यवहार विद्यार्थ्यांना समजण्यास मदत होते.
	४)विज्ञान कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.



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सेमि. ४ २)मराठी साहित्य	१) निबंध लेखनाचे कौशल्य विद्यार्थी आत्मसात करतात३)
	२) साहित्य विषयक अभिरुची विकसित होते.
	३) विद्यार्थ्यांची विज्ञान साहित्य विषयक आकलन क्षमता वाढते.
	४)विज्ञान कथेच्या विविध घटकांची ओळख विद्यार्थ्यांन होते.
टी.वाय.बी.ए.मराठी जनरल १) आधुनिक मराठी साहित्य आणि उपयोजित मराठी	१)निबंध व वाडःमय प्रकारची ओळख विद्यार्थ्यांना होते
	२) प्रवास वर्णन या साहित्य प्रकारचे स्वरूप प्रेरणा व प्रयोजने समजून घेता येतात.
	३) नेमलेल्या प्रवास वर्णनातून देशातील व विदेशातील विविध ठिकाणांची ओळख होते
	४) वैचारिक निबंधातून लेखकाच्या व्यक्तिमत्त्वाची ओळख होते



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DEPARTMENT OF HINDI

Program Specific Outcomes:

Hindi : Program Specific Outcomes: 2020-21

PROGRAM SPECIFIC OUTCOMES OF BA HINDI

PO1: हिंदी साहित्य के माध्यम से छात्रों में सामाजिक प्रतिबद्धता का निर्माण करना।

PO2: हिंदी साहित्य के माध्यम से जीवन तथा मानवीय मूल्यों का ज्ञान प्रदान करना।

PO3: हिंदी भाषा तथा साहित्य में रुची का निर्माण करना।

PO4: छात्रों में सर्जनात्मक शक्ति का निर्माण करना।

PO5: विभिन्न क्षेत्रों (जैसे- फिल्म, नाटक, विज्ञापन, पत्रकारिता, अनुवाद, शिक्षा, बैंक तथा सरकारी कार्यालय आदि) में रोजगार की उपलब्धता बताना।

PO6: छात्रों को हिंदी साहित्य की विभिन्न विधाओं एवं साहित्यकारों का परिचय देना।

PO7: छात्रों में हिंदी भाषा कौशल (पठन, श्रवण, लेखन, भाषण/प्रभावी संप्रेषण) का विकास करना।



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1) Hindi : 2020-21 (FYBA-Hindi- G1) Semester- I

COURSE OUTCOMES:

CO1: Explain (L2, Understanding) छात्रों को गद्य और पद्य रचनाकारों तथा विधाओंका परिचय देना।

CO2: Develop (L6, Creating) साहित्य कहानी, काव्य विधाओं के माध्यम से छात्रों का भावात्मक विकास करना।

CO3: Explain (L2, Understanding) छात्रों को संवाद कौशल्य, सूत्रसंचालन, समूह चर्चा की जानकारी देना

CO4: Develop (L6, Creating) हिंदी कंप्यूटिंग : यूनिकोड, इंटरनेट, हिंदी सॉफ्टवेयर का ज्ञान प्राप्त कराना।

2) Hindi : 2020-21 (FYBA-Hindi- G1) Semester- II

COURSE OUTCOMES:

CO1: Explain (L2, Understanding) छात्रों को गद्य और पद्य रचनाकारों तथा विधाओंका परिचय प्राप्त कराना।



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CO2: Develop (L6, Creating) साहित्य कहानी, काव्य विधाओं के माध्यम से छात्रों का भावात्मक विकास करना।

CO3: **Explain (L2, Understanding)** छात्रों को लेखन कौशल्य, निबंध लेखन की जानकारी देना।

CO4: Explain (L2, Understanding) विज्ञापन लेखन, वाक्य शुद्धिकरण का ज्ञान देना।

3) Hindi : 2020-21 (SYBA-Hindi- G2) Semester- I

COURSE OUTCOMES:

CO1: Explain (L2, Understanding) छात्रों को गद्य और पद्य रचनाकारों तथा विधाओं का परिचय प्राप्त करना।

CO2: Develop (L6, Creating) साहित्य कहानी, काव्य विधाओं के माध्यम से छात्रों का भावात्मक विकास करना।

CO3: Explain (L2, Understanding) छात्रों को कारक व्यवस्था की जानकारी देना।

CO4: Explain (L2, Understanding) छात्रों को शब्द युग्म और संक्षेपण का ज्ञान देना।

4) Hindi : 2020-21 (SYBA-Hindi- G2) Semester- II

COURSE OUTCOMES:

CO1: Define (L1, Remembering) छात्रों को गद्य और पद्य व्यंग्य रचनाकारों तथा विधाओं का परिचय प्राप्त हुआ ।

CO2: Explain (L2, Understanding) छात्रों को साक्षात्कार कला से परिचय कराना ।



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CO3: Tell (L1, Remembering) छात्रों को भाषा का मोबाईल तंत्र ज्ञान से अवगत किया ।

CO4: Tell (L1, Remembering) छात्रों को पल्लवन कला से अवगत कराया ।

5) Hindi : 2020-21 (SYBA-Hindi-S1) Semester-I

COURSE OUTCOMES:

CO1: Define (L1, Remembering) काव्य की परिभाषा, काव्य के हेतु ,प्रयोजनका परिचय कराया ।

CO2: Tell (L1, Remembering) काव्य के तत्व का ज्ञान से अवगत कराया।

CO3: Define (L1, Remembering) काव्य के शब्दशक्ति से परिचित किया ।

CO4: Define (L1, Remembering) रस की परिभाषा, अंग तथा रसों का सोदाहरण परिचय कराया ।

6) Hindi : 2020-21 (SYBA-Hindi-S1) Semester-II

COURSE OUTCOMES:

CO1: Explain (L2, Understanding) काव्य के गद्य और पद्य भेद की जानकारी दी ।



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CO2: Explain (L2, Understanding) प्रबंधकाव्य के भेद से अवगत कराया।

CO3: Explain (L2, Understanding) दृश्य काव्य- नाटक की परिभाषा और तत्व का परिचय कराया ।

CO4: Explain (L2, Understanding) एकांकी, नाटक के भेद के ज्ञान से अवगत कराया ।

7) Hindi: 2020-21 (SYBA- Hindi SEC) Semester-I

COURSE OUTCOMES:

CO1: Explain (L2, Understanding) अनुवाद की परिभाषा और स्वरूप समझाना।

CO2: Show (L2, Understanding) अनुवाद प्रक्रिया के सोपान तथा सहायक सामग्री से अवगत कराना।

CO3 Translate (L2, Understanding) अनुवाद के गुण से परिचित कराना।

CO4: Explain (L2, Understanding) अनुवाद का प्रत्यक्ष व्यवहार के ज्ञान से अवगत कराना।

8) Hindi: 2020-21 (SYBA- Hindi SEC) Semester-II

COURSE OUTCOMES:

CO1: Define (L1, Remembering) माध्यम लेखन और माध्यम विधा का परिचय कराना।



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CO2: Define (L1, Remembering) माध्यम का स्वरूप, महत्व एवं उद्देश्य के ज्ञान से अवगत कराना।

CO3: Define (L1, Remembering) फिचर लेखन, फिचर लेखन के तत्व, गुण आदि का परिचय देना।

CO4: Define (L1, Remembering) फिचर के प्रकार तथा अन्य विधा के ज्ञान से परिचित कराना।

9) Hindi : 2020-21 (SYBA-Hindi S2) Semester-I

CO 1: Develop (L6, Creating) हिंदी उपन्यास के विविध मानदंडों के आधार पर छात्रों में आस्वादन, समीक्षण एवं सृजन की क्षमता निर्माण करना।

CO 2: Develop (L6, Creating) छात्रों में रोजगार की दृष्टि से नाटक लेखन, रंगमंचीय कला तथा नाट्य सादरीकरण की क्षमता को विकसित करना।

CO 3: Define (L1, Remembering) मध्ययुगीन संत एवं भक्त कवियों के काव्य के माध्यम से छात्रों को नैतिक मूल्यों सीख देना एवं उनमें सामाजिक प्रतिबद्धता का निर्माण करना।

CO 4: Build (L3, Applying) छात्रों के मानसिक तथा वैचारिक स्तर को बढ़ाना।

10) Hindi : 2020-21 (SYBA-Hindi S2) Semester-II

CO 1: Develop (L6, Creating) हिंदी नाटक के विविध मानदंडों के आधार पर छात्रों में आस्वादन, समीक्षण एवं सृजन की क्षमता निर्माण करना।

CO 2: Define (L1, Remembering) मध्ययुगीन संत एवं भक्त कवियों के काव्य से छात्रों को परिचित कराना।



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CO 3: Discuss (L6, Creating) मध्ययुगीन काव्य के माध्यम से छात्रों को नैतिक मूल्यों की परख कराना एवं उनमें सामाजिक प्रतिबद्धता का निर्माण करना।

CO 4: Support (L4, Evaluating) छात्रों के मानसिक तथा वैचारिक स्तर को बढ़ाना।

11) Hindi MIL: 2020-21 (SYBA- हिंदी भाषा शिक्षण) Semester-I

CO 1: Define (L1, Remembering) हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत कराना।

CO 2: Improve (L6, Creating) छात्रों में हिंदी भाषा कौशल (लेखन, वाचन, श्रवण संवाद /संप्रेषण) का विकास करना।

CO 3: Develop (L6, Creating) छात्रों में हिंदी लघु कथा साहित्य सृजन कौशल विकसित करना।

CO 4: Build (L3, Applying) छात्रों में व्यवसायभिमुख कौशल विकसित करना तथा सामाजिक व्यवहार में छात्रों को कुशल बनाना।

12) Hindi MIL: 2020-21 (SYBA- हिंदी भाषा शिक्षण) Semester-II

CO 1: Simplify (L4, Analyzing) छात्रों को हिंदी भाषा विधि तथा भाषा व्यवहार से अवगत कराना।

CO 2: Improve (L6, Creating) छात्रों में हिंदी भाषा कौशल (लेखन, वाचन, संवाद, श्रवण/संप्रेषण) का विकास करना।

CO 3: Develop (L6, Creating) छात्रों में हिंदी काव्य/फिल्मी गीत सृजन की कला विकसित करना।

CO 4: Build (L3, Applying) छात्रों में व्यवसायभिमुख कौशल विकसित करना।



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13) Hindi : 2020-21 (TYBA- हिंदी साहित्य का इतिहास) प्रथम सत्र

CO 1: Simplify (L4, Analyzing) छात्रों को हिन्दी साहित्य के इतिहास लेखन, विविध कालखंडों एवं पृष्ठभूमि सरलता से स्पष्ट कराना।

CO 2: Explain (L2, understanding) हिन्दी साहित्य की प्रतिनिधी रचनाओं और रचनाकारों का महत्व विशद करना तथा उनके माध्यम से जीवन मूल्यों की परख कराना।

CO 3: Develop (L6, Creating) हिंदी साहित्य के प्रति अभिरुची निर्माण करना।

CO 4: Develop (L6, Creating) छात्रों में हिंदी साहित्य के माध्यम से नैतिक तथा व्यावहारिक मूल्यों की उपज करना।

14) Hindi : 2020-21 (TYBA- हिंदी साहित्य का इतिहास) द्वितीय सत्र

CO 1: Define (L1, Remembering) छात्रों को हिन्दी साहित्य इतिहास की आधुनिक की पृष्ठभूमि से अवगत कराना।

CO 2: Motive (L4, Analyzing) आधुनिक काल के काव्य एवं कवियों का परिचय कराकर छात्रों के सामने आदर्श प्रस्थापित करना तथा उन्हें नैतिक मूल्यों की सीख देना।

CO 3: Plan (L3, Applying) छात्रों को हिंदी काव्य, निबंध, कहानी- उपन्यास एवं नाट्य लेखन की ओर प्रवृत्त करना।

CO 4: Develop (L6, Creating) हिंदी भाषा एवं साहित्य के प्रति छात्रों में अभिरुची निर्माण करना।

15) Hindi: (TYBA- Hindi-S4) Semester-I



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COURSE OUTCOMES:

- CO1: Explain (L2, understanding) काव्य का अर्थ, परिभाषाओं की जानकारी से अवगत कराना।
- CO2: Define (L1, Remembering) काव्य के हेतु, काव्य प्रयोजन, काव्य के तत्व से परिचित कराना।
- CO3: Explain (L2, understanding) शब्दशक्ति, काव्य के विविध भेद के ज्ञान से अवगत करना।
- CO4: Define (L1, Remembering) अलंकार का स्वरूप, काव्य में अलंकार का महत्व तथा सोदाहरण परिचय कराना।

16) Hindi: (TYBA- Hindi-S4) Semester-II

COURSE OUTCOMES:

- CO1: Define (L1, Remembering) कहानी, उपन्यास, निबंध, रेखाचित्र का परिचय कराना ।
- CO2: Define (L1, Remembering) एकांकी और नाटक की परिभाषा, तत्व, नाटक के भेद का परिचय कराना।
- CO3: Define (L1, Remembering) रस की परिभाषा, स्वरूप, रस के अंग परिचय कराना ।
- CO4: Explain (L2, understanding) आलोचन का स्वरूप, उद्देश्य, आलोचक के गुण और काव्य में छंद का महत्व समझाना ।

17) सृजन संदर्भ और मैं: आत्मकथांश और व्याकरण

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CO 1: Solve (L6, Creating) छात्रों को हिंदी आत्मकथा विधा से परिचित कराना तथा आत्मकथा लेखन कला में पारंगत करना।

CO 2: Build (L3, Applying) रोजगार की दृष्टि से छात्रों में अनुवाद की कला का विकास करना, उन्हें एक अच्छा अनुवादक बनाना।

CO 3: Explain (L2, understanding) छात्रों को पारिभाषिक शब्दों के माध्यम से सरकारी कार्यालयों में प्रयुक्त की जानेवाली हिंदी से परिचित कराना।

CO 4: Develop (L3, Applying) छात्रों में सूत्र संचालन तथा वार्ता लेखन कौशल में कुशल बनाना।

18) नाटक- एक कंठ विषयायी और व्याकरण

TYBA Hindi Gen. Paper 3 (२०२०-२१) द्वितीय सत्र

CO 1: Improve (L6, Creating) हिंदी नाटक के विविध मानदंडों के आधार पर छात्रों में आस्वादन, समीक्षण एवं सृजन की क्षमता निर्माण करना।

CO 2: Develop (L3, Applying) छात्रों में रोजगार की दृष्टि से नाटक लेखन, रंगमंचीय कला तथा नाट्य सादरीकरण की क्षमता को विकसित करना।

CO 3: Define (L1, Remembering) छात्रों को सरकारी कार्यालयों में प्रयुक्त की जानेवाली हिंदी से परिचित कराना।

CO 4: Criticize (L5, Evaluating) छात्रों की मूल्यांकन तथा समीक्षण की दृष्टि प्रदान करना।

19) FYB.Com. Hindi- Semester-I

COURSE OUTCOMES: Hindi

CO1: Explain (L2, understanding) छात्रों को गद्य और पद्य रचनाओं एवं रचनाकारों का परिचय देना।



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CO2: Build (L3, Applying) छात्रों का साहित्य के द्वारा सामाजिक, मानसिक, बौद्धिक स्तर बढ़ाना और उन्हें नैतिक मूल्यों की सीख देना।

CO3: Define (L1, Remembering) छात्रों को अंक तथा गणितीय चिन्हों का देवनागरी में लेखन का ज्ञान प्रदान करना।

CO4: Explain (L2, understanding) रोजगार की दृष्टि से छात्रों को हिंदी कंप्यूटिंग: यूनिकोड, इंटरनेट, विभिन्न हिंदी सॉफ्टवेयर आदि का परिचय कराना।

20) FYB.Com. Hindi- Semester-II

COURSE OUTCOMES:

CO1: Explain (L2, understanding) छात्रों को गद्य और पद्य रचनाओं एवं रचनाकारों का परिचय देना।

CO2: Discuss (L 6, Creating) वाणिज्य क्षेत्र में हिंदी के माध्यम से उपलब्ध होनेवाले रोजगार के अवसर स्पष्ट करना।

CO3: Explain (L2, understanding) छात्रों को हिंदी भाषा कौशल, अनुवाद स्वरूप, परिभाषा तथा कार्यालयीन हिंदी का ज्ञान देना।

CO4: Build (L3, Applying) छात्रों का साहित्य के द्वारा सामाजिक, मानसिक, बौद्धिक स्तर बढ़ाना और उन्हें नैतिक मूल्यों की सीख देना।



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DEPARTMENT OF ECONOMICS

<i>UG</i>	Program Specific Outcomes	The Program Specific Outcomes of the BA Economics programme are:
		PSOs 1: To provide students a well-founded education in Economics;
		PSOs 2: To provide structured curricula which support the academic development of Students.
		PSOs 3: To provide and adapt curricula that prepare our graduates for employment and further study as economists;
		PSOs 4: To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics;
		PSOs 5: To provide students with the opportunity to focus on applied and policy issues in Economics;
		PSOs 6: To provide programmers that allow the students to choose from a wide range of economic specialization;
		PSOs 7: To provide a well-resourced learning environment for Economics.
Class	Course	Course Outcomes
F.Y.B.A. 2019 Pattern	Indian Economic Environment I	Co 1. To familiarize the students with the recent developments in the Indian Economy



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	Course Code – 11151	
	Semester-I	Co 2 Ability to develop awareness on the various new developments in the different sectors of an economy – agriculture, industry, services, banking.
	Course Code – 11151	Co3 Ability to compare and contrast Indian Economy with other world economy.
		Co 4. To able discuss and debate on the various issues and challenges facing the Indian Economic Environment.
F.Y.B.A. 2019 Pattern	Indian Economic Environment-II	Co 1.After completion of program, students will be able to have in-depth knowledge of the Developing Economy.
	Course Code – 11152	Co2.Students will be get aware with the Role of Agriculture in Indian economy, Industrialization and Service Sector.
	Semester-II	Co 3. After completion of program, students will be able to have in-depth knowledge the Indian Economic Environment.
		Co 4. To able discuss on the various issues and challenges of the Indian Economic Environment.
S.Y.B.A. Economics Semester-I	Economics (Micro) -I Course Code - 23151	Co 1. To develop an understanding about subject matter of Economics.
		Co 2. To impart knowledge of microeconomics.



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		Co 3. To clarify micro economic concepts
		Co.4 To analyze and interpret charts, graphs and figures
S.Y.B.A. Economics SI	Economics (Micro) -II Course Code - 24251	Co 1. To understand the behaviour of an economic agent.
Semester-II		Co 2. To deal with the nature and scope of economics, the theory of consumer behaviour.
		Co 3. To analyze the principles of factor pricing and commodity pricing.
		Co 4. To demonstrate that the theories discussed in class will usually be applied to real-life situations.
SYBA S-2 2019	Macro Economics I Course Code 23152	Co 1 Understand process of credit creation by commercial banks.
Semester-I		Co 2. Understand Quantity theory of money.
		Co 3. Understand various macroeconomic problems.
		Co 4. Understand various macroeconomic policies.



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SYBA S-2 2019	Macro Economics II Course Code 24152	Co 1. Understand macro-economic analysis
Semester-II		Co 2. Understand of national income
		Co 3. Understand classical & Keynesian theories of output and employment.
		Co 4. Understand consumption & Investment function
S.Y.B.A G2 2019	Financial System - I(G2) Course code 23153	Co1. To understand fundamentals of Indian financial system.
Semester-I		Co2. To understand the recent trends and developments in banking system.
		Co 3.To understand the role of the Reserve Bank of India in Indian financial system.
		Co 4 To provide the knowledge of various financial and non-financial institutions.
S.Y.B.A G2 2019	Financial System - II(G2) Course Code 24153	Co 1. Understand non-banking financial institutions & financial services in India



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Semester-II		Co 2.. Understand the Indian money market.
		Co3. Understand working & operation of RBI.
		Co 4.. Able to understand international aspects of the Indian financial system.
SYBA SEC	Research Methodology I	Co 1. Demonstrate his/her understanding of sampling methods and the ability to use collection of data.
Skill	Semester-I	Co 2. Identify the appropriate sample techniques for different kinds of research questions.
Enhancement	Course Code 23154	Co 3. Identify the appropriate source of data in relation to the collection of research data.
Course		Co 4. Able to classify and present the collected data in the form of graph bar diagram, chart etc.
SYBA SEC	Research Methodology II	Co 1. Able to Identify the appropriate sample techniques for different kinds of research questions
Skill	Semester-II	Co 2 . Able to Identify the appropriate source of data in relation to the collection of research data.
Enhancement	Course Code 24154	Co 3. Able to classify and present the collected data in the form of graph, bar diagram, chart etc



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Course		Co 4. To analyze the research report
T.Y.B.A. – S3	International Economics (S3)	Co 1. Understand Nature, Scope and Importance of International Economics.
	Course Code 35151	Co 2 To acquaint the students with the basic theories of international trade and international economics.
	Semester-I	Co 3. Understand gains from international trade & their measurements.
		Co 4. Understand theory of intervention in trade.
T.Y.B.A. – S3	International Economics S 3	Co 1. Understand trade policies in India.
	Course Code 36152	Co 2. Understand international financial institutions.
	Semester-II	Co 3. Understand foreign direct investments.
		Co 4. To analyze foreign exchange market.
T.Y.B.A. – S4	Public Finance S4	Co 1.To Understand Functions and Role of Government in Economy .



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	Course Code 35152	Co 2. To understand various Approaches about Role of Government .
	Semester-I	Co 3. To Understand concept of public expenditure and public revenue
		Co 4. To discuss and deliberate on the concepts and theories in public economies
T.Y.B.A. – S4	Public Finance S4	Co 1.To explain types of Public Expenditure and reasons for rising Public Expenditure.
	Course Code 36152	Co 2.To explain the types of Public Debt and its effects.
	Semester-II	Co 3 To get acquainted with the vast areas of fiscal institutions tax systems,
		Co 4. To able to have in-depth knowledge of the term 'Public Finance'
T.Y.B.A G3	Indian Economic	Co 1. Understand the differences between Economic growth and Development.
	Development I	Co 2. Understand Characteristics of Developing Countries.
	Semester-I	Co 3. Understand Constraints on Development Process.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	Course Code 35153	Co 4. Understand theories and Approaches of economic development.
T.Y.B.A G3	Indian Economic	Co 1. To relates and recognizes the concept and indicators of Economic Development.
	Development I	Co 2. To describe and analyse the concept and indicators of Human Development.
	Semester-II	Co 3.To explain the characteristics of Developing and Developed Countries.
	Course Code 36153	Co 4. To describe the constraints to the process of Economic Development.
T.Y.B.A. SEC	Business	CO 1. Management of Business.
	Management	CO 2. Business planning and decision making
	Semester-I	CO 3. Leadership Skills- Ability to work in teams at the same time.
	Course Code 35154	Co 4.To ability to show leadership qualities
T.Y.B.A. SEC	Business	Co 1. Ability to analyze data collected and interpret in the most logical manner



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	Management	Co 2. Ability to comprehend and illustrate/demonstrate findings
	Semester-II	Co 3. PPT/Poster- Ability to illustrate findings in the most appealing manner
	Course Code 35154	Co 4. Ability to show leadership skills with business ideas or work on business ventures as a practical example
F.Y. B. Com.	Business Economics (Micro) -I	Co 1. To impart knowledge of business economics.
	Course Code - 113	Co 2. To clarify micro economic concepts.
	Semester-I	Co 3. To analyse and interpret charts and graphs.
		Co 4. To understand basic theories, concepts of micro economics and their application.
F. Y. B. Com	Business Economics (Micro) -II	Co 1. To impart knowledge of business economics.
	Course Code - 123	Co2. To clarify micro economic concepts.
	Semester-II	Co 3. To analyze and interpret charts and graphs.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		Co4. To understand basic theories, concepts of micro economics and their application.
S.Y.B.Com	Business Economics (Macro)	Co 1.To familiarize the students to the basic theories and concepts of Macro Economics and their application.
	Course Code: 233	Co 2.To study the relationship amongst broad aggregates.
	Semester - I	Co 3.To impart knowledge of business economics.
		Co.4. To introduce the various concepts of National Income.
S.Y.B.Com	Business Economics (Macro)	Co 1. To familiarize to the basic theories of Macro Economics and their application.
	Course Code: 243	Co 2.To understand the theories of money and their application.
	Semester - II	Co 3.To understand the phases of Trade cycle and policy measures to elongate the Trade cycle.
		Co 4.To understand the various cancepts related to public finance.
T.Y.B.Com	International	Co 1. To understand theories of international trade, developing writing skills.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	Economics	Co 2. To understand concepts of international economics
	Course Code - 353	Co 3.To explain and comprehend the issues relating to Terms of trade and Balance of Payment.
	Semester - I	Co 4. To understand the difference between classical and modern approaches of trade theories.
T.Y.B.Com	International	co 1. Ability to relate and explain the concept of Exchange Rate and Foreign Exchange Market.
	Economics	Co 2. Ability to describe the trends in Growth, Composition and Direction of India's Foreign Trade.
	Course Code - 363	Co 3.Ability to comprehend the issues relating to Foreign Capital and Regional and International Co-Operation.
	Semester - II	Co 4.To able to understand present Economic Scenario of Indian Economy as well as World Economy.
Bridge Course in Economics	Basic concepts of Economics	Co 1. The course enabled students to apply knowledge of basic theories of economics in core subject of microeconomics, macroeconomics.
		Co 2.Students learned classroom skills for college level courses in economics
		Co 3. It enhanced critical thinking and self-confidence through class experience.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF POLITICAL SCIENCE

UG	Program BA Political science	
	Program outcome	PO 1 .Learns about the politics of India along with constitutional structures and institutions.
		PO 2 .Enriches the knowledge of students about western political thinkers of the ancient and medieval period
		PO 3 .Efforts are being made to appraise the global and regional politics along with the interstate relationship
		PO 4 . To develop and be able to demonstrate skills in conducting as well as presenting research in political science
	Program Specific outcome	PSO 1 .Students enable to understand the philosophy of Indian constitutions
		PSO 2 .Perpose(L6 creating)Students enable to identify the causes, impact of British colonial rule
		PSO 3 .Students enable to appreciate the various phases of Indian national movement
		PSO 4 Explaining Students enable to create value in young youth regarding the patriotism
	Course outcomes FYBA (CBCS-2019	
	Introduction to Indian Constitution	CO1.Understanding (L2Understanding) THE Philosophy of Indian constitution
		co 2 Understanding(L2Understanding) the sub- disciplines of political science
		co 3 (L2Understanding)Explaining Democracy and state
		CO4. understanding (L2Understanding)the making of Indian constitution



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	Course outcomes SYBA (CBCS-2019)	
	SYBA (S2) In Introduction to political ideology	CO1.Explain(L2Understanding) Students enable to understand the nature and scope of political Ideology
		CO2Explain(L2Understanding) Students enable to understand the significance of political Ideology
		CO3 Purpose(L6 creating) Role of different political ideologies and their impact in politics
		CO4.Define (L 1Remembaring) Students enable to acquaint with the theories, approaches, concepts and principles of political theory
	SYBA (S1) Western Political Thought	CO1.S0lve (L 3Applying) Examining the features of medieval political thought
		CO2 Compare(L6Analyzing) the concepts of justice, freedom, equality, citizenship, and sovereignty in the works of Machiavelli
		CO3 Explain(L2,Understanding) The different versions of, and importance of, the state of nature to political thought
		CO4 Discuss(L6, Creating) Taking an insight into the following Hegel's on view civil society and state
	SYBA S2 Political Journalism	CO1 Compare(L4 Analyzing) Understanding of the basic factors affecting mass communication and mass media
		CO 2.Explain (L 2 understanding) Students will understand mass media as a system of interrelated forces



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 3.Explain (L2Understanding)To increase students' knowledge and understanding of the mass communication process and the mass media industries.
		CO4 To understand (L2Understanding)the concept of advertising origin and development
	TYBA G3 Local Government in Maharashtra	CO1 Identify (L3Applying) Student enables to understand the role of different political Ideologies and their impact in Politics
		CO2.Explain (L 2 understanding)Students enable to explain the role of British imperial on local government in India
		CO 3.(L2Understanding)Students enable to describe the significance and role of Grama Sabha in Maharashtra.
		co 4 describing and Analyzing political and social movement in Maharashtra
	TYBA S3 Public Administration	CO1. Explain(L2Understanding)Students enable to understand the 20th century emergence of the modern administrative
		CO2.Explaining(L2Understanding)the Nature, Scope and Evolution of public Administration Private and Public Administration
		CO3.Discuss(L6, Creating) Discussing making of Public Police Making And Methods of implementation
		CO4.Analyze (L 4Analyzing)the Administrative Processes decision making communication and control ,leadership ,co-ordination
	TYBA International Politics (S-4)	CO1. Compare(L4 Analyzing)Examining the issues of underdevelopment, Terrorism, Regionalism and Integration that characterizes the second world war order



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 2 Discuss (L6, Creating) Describing the cold war phases and understanding the post Cold war era.
		CO3 Explain (L 2 understanding)Explaining certain basic concept like Globalisation in contemporary world order
		CO 4 Compare(L4 Analyzing) Analysing the Foreign Policy of USA and China
	Program BA Political science II SEM	PSO 1 :Explaining(L2Understanding)Understand the basic concept and ideological orientations of political science discipline
	Program outcome	PSO2 Explaining(L2Understanding)Understand the contribution of the main traditions of Indian Political Thought
		PSO 3: Explaining(L6 creating)Acquaint with the basic concepts, principles and dynamics of public administration
		POS 4 Explaining(L2Understanding)Understand the contribution of the main traditions of western political thinkers to political thought
	Introduction to Indian Constitution II	CO 1 Introduction L1 The Indian Constitution with the focus on the role of the constitution Assembly and examining the essence of the preamble
		co 2 Examining (L6 creating) the fundamental rights and Duties of Indian citizen with the study of Directive principals
		co 3 Evaluating (L6 creating)The Electoral process in India with focus on the Election commission composition function and Role
		co 4 Evaluating (L6 creating)the role of the various factors of Indian politics , Religion, Language, Cast, Tribe, Regionalism
	SYBA (S2) In Introduction to political ideology	CO11. Discuss(L6, Creating) Role of different political ideologies and their impact in politics



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO2. Discuss(L6, Creating) Close link between an idea and its actual realization in public policy
		CO 3.Discuss(L6, Creating) Legacy of all the major ideologies
		CO4 Introduction L1 Role of different) political ideologies and their impact in politics
	SYBA (S1) Western Political Thought	CO 1 Understanding (L2Understanding)the concept of power , Authority and legitimacy in context of society
		CO 2 Analyze (L 4Analyzing)Analyze the concept of sovereignty of the state
		CO3 Understanding(L2Understanding) political concept , mining of having and using power Authority
		CO 4 Understanding (L2Understanding) Harold Laski Theory of Rights which includes Liberty and importance of independence .
	SYBA S2 Political Journalism	CO 1 Understand (L2Understanding) and use effectively the various models of communication and the techniques used in communication.
		co 2 (L2Understanding) students gets ability to know the function of Editorial department
		co3 (L2Understanding) They get knowledge of the various Function and role of journalism in Radio.
		co 4 (L2Understanding)students get the knowledge of relation between media and society
	TYBA G3 Local Government in Maharashtra	co1 Understanding (L2Understanding)historical background of local self government
		co 2 examining (L6 creating)the institution of rural and urban local self government



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		co3 Discussing(L6, Creating) the constitutional amendments and challenges before local self government
		co 4 describing(L6, Creating) and Analyzing Neo movement in Maharashtra
	TYBA S3 Public Administration	co 1 Explaining (L6 creating)the nature, scope of evolution of public Administration and private Administration
		co 2 Discussing (L6, Creating) the Ecological approach to public Administration
		co 3 Discussing (L6, Creating) making of public police making and methods of implementation
		co 4 Examining (L6 creating) the institution of financial Administration in India
	TYBA International Politics (S-4)	CO 1 Explaining (L6 creating)The Scope and subject matter of International Relations
		co 2 Autonomous academic discipline , Nuclear ,Device in any environment and comprehensive TEST BAN Treaty (CTBT)
		co 3 Discuss(L6, Creating) Evaluating the working of UN its organization peacekeeping function and Human Rights
		CO 4 Describing(L6, Creating) the cold war phases and understanding the post -cold war era



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF HISTORY

Sem I	FY BA	2019 Pattern
	CO 1: (Evaluating) it describes importance of prehistory to the age of mauryas.	
Early India from prehistory to the age of mauryas.		
Course Code: 11172	CO 2: (Understanding) to explain Vedic culture tribal social division and its philosophy.	
	CO 3: (Creating) to discuss the history of mauryas and rise and growth of Mughal Empire.	
	CO 4: (Remembering) to show the causes of origin doctor rhymes contribution and importance of Vedic culture.	
Sem II	FY BA	2019 Pattern
	CO 1: (Understanding level 2) To explain the history of South India like literary society culture and early Politics.	
Early India: Post Mauryan age to the Rashtrakulas	CO 2: (Creating level 6) to explain the fact about Gupta Empire as well as its political history administration society and trade technology.	
Course Code: 12172	CO 3: (Evaluating level 3) it gives the importance about history about regional kingdoms and North India Empire.	
	CO 4: (Evaluating level 4) took a history of South India and regional kingdoms and periods of Sangam literature.	
Sem I	SYBA	2019 Pattern



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

History of Maratha's	CO 1: (Analysing level 1) to analyse sources of Maratha history and to develop ability regarding with it.
Course Code: 23174	CO 2: (Remembering level 2) to define the significance of regional history and political foundation of region.
	CO 3: (Creating level 3) to discuss the perception of 17 century Maharashtra and India in the context of Maratha history.
	CO 4: (Evaluating) to appraise the skills of leadership and administrative system of Maratha.
Sem II	SYBA 2019 pattern
History of Maratha's	CO 1: Student will be able to analyze (Level 1) the Marathas policy of expansionism
	CO 2: To understand (level 2) the role of Marathas in 18 th century India.
Course Code: 24174	CO 3: To acquaint (level 1) with the art of diplomacy in the Deccan region.
2013 Pattern TYBA	
History of the world in 20th century	CO 1: To understand the economic tradition in the world during the 20th century.
	CO 2: To explain rise and growth of nationalism as a movement in different parts of the world.
	CO 3: applying to identify principle forces, processes and problems of recent times.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Course Code: 3177

CO 4: analysing it gives knowledge about world concepts.

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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF GEOGRAPHY

YEAR 2020-21 B. A. Geography			
Semester I			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
110A	Physical Geography	1	Know the basic concepts in Physical geography
		2	Students will understand the utility and application of Physical geography in different regions and environment.
		3	Students will be aware about Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere)
		4	Define (L1:Remembering] Hydrosphere structure in environment
Semester II			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
110B	Human Geography	1	The geographical maturity of students in their current and future courses shall develop.
		2	The student develops theoretical, applied and computational skills
		3	To introduce latest concept in Human geography
		4	To make the students aware about human evaluation



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Semester III			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
	Environmental Geography: I (G-2)	1	To create the awareness about dynamic environment among the student.
23204		2	TTTo acquaint the students with fundamental concepts of environment geography for development in different areas.
		3	The students should be able to integrate various factors of economic development and dynamic aspect of economic geography.
		4	To make aware the students about the problems of environment, their Utilization and conservation in the view of sustainable development
Seme. IV			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
24204	Environmental Geography II (G-2)	1	Understand and evaluation of Environment Disaster and its impact
		2	Environmental Problems
		3	Environmental planning and Managements



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		4	Environmetal policies
Seme III			
Course Code	Course Name	Course Outcome	
23202	Population Geography I Spl.1	1	To provide an understanding of spatial and structural dimensions of population
		2	To familiarizing the students with global and regional level problems.
		3	Understand the Nature and Scope of Population Geography and their evolution significance and approaches for the study.
		4	To understand the fundamental Concepts Related to Population such as density, over, Optimum & under population, fertility, mortality and population for future Perspectives.
Seme. IV			
Course Code	Course Name	Course Outcome	After successful completion of course student will able to
24202	Population Geography II: Spl1	1	Understand the population Composition of India
		2	Understand and evaluation of concept and theories of Population
		3	Understand and examine Population as a Resources and Contemporary issues



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		4	To review and understand the subject Urbanization and its impact on Population and environment.
Semester III			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
23203	Map Scale and Projection I: Spl.2	1	Understand the introduction of types of statistical and characteristics geographical data, Scales of measurement.
		2	Understand Construction, properties and use of map projections
		3	Understand Various methods of graph presentation
		4	Understand Map projection and importance
Semester IV			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
24203	Map Scale and Cartographic II: Spl2	1	Understand introduction to Cartographic techniques
		2	Understand and know about various cartographic techniques in geography
		3	Understand various survey techniques in geography
		4	Understand and know about Excursion / village/city survey and report writing
Semester III			
Course Code	Course name	Course Outcomes	After successful completion of course student will able to
	SEC : Disaster	1	Know the concept of disaster and its relation with Geography.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

23207	Managements		
		2	Discuss causes and effects of disaster. 3 Classify various types of disasters
		3	Understand terminology and concepts used in disaster management.
		4	Classify various types of disasters
Seme IV			
Course Code	Coursrse name	Course Outcomes	After successful completion of course student will able to
24207	SEC : Tourism Development	1	Introduction to Travel and Tourism
		2	Understand Potential of local tourism and available infrastructure
		3	Know about Basic skills: Communication, Time Management, Computer
		4	Project work and Visit to tourist place.
Annual Pattern			
Course Code	Course name	Course Out	After successful completion of course student will able to
3207	Human Geography: Gen.3	1	Understand the approaches to the study of Human Geography
		2	Understand the pre historic period of human geography
		3	Understand the stages of human evolution and human race.
		4	Examine and understand the regional distribution of tribes in India and growth and distribution of world population.
Annual Pattern			
Course Code	Course name	Course Outcome	After successful completion of course student will able to
3208	Agriculture	1	Understand the approaches to the study of Agriculture Geography



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	Geography: Spl.3	2	Understand the Determinants of Agriculture in Indian Agriculture
		3	Examine and understand the types of Agriculture of India
		4	Examine and understand the irrigation and agriculture development with problems and prospects of Indian Agriculture
		Annual pattern	
Course Cpde	Course Name	Course Outcome	After successful completion of course student will able to
3209	Techniques of Spatial Analysis: Spl 4	1	To Introduce the Students with SOI Toposheets and to acquire the Knowledge of Toposheet Reading/Interpretation.
		2	.To familiarize the students with the weather instruments and their applications in Geographical phenomena.
		3	To acquaint the students with IMD weather maps and to gain the knowledge of weather map Reading/ interpretation.
		4	To train the students in elementary statistics and GIS as an essential part of geography.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF PHYSICS

UG	Program: B.Sc. Physics	
	Program Outcomes	PO-1. To develop understanding of various aspects of chemical, physical and life science.
		PO-2. Use of advance techniques, methods, modern equipment's and software's and Solve the problem to find the logical conclusions
		PO-3. Selection of multidisciplinary approach for sustainable development.
		PO-4. Develop critical thinking and specific knowledge to design record and analyze results of theoretical and experimental concepts.
	Program Specific Outcomes	PSO-1. Gain the knowledge of Physics through theory and practical's.
		PSO-2. Understand good laboratory practices and safety.
		PSO-3. Develop research oriented skills.
		PSO-4. Make aware and handle the sophisticated instruments/equipments
	Course Outcomes F.Y.B.Sc. (CBCS- 2019)	
	PHY-111 Mechanics and Properties of Matter	CO-1[L2, Understanding]. The student will be able to understand motion
		CO-2[L4, Analyzing]. The student understands the importance of Work and Energy
		CO-3[L1, Remembering] The student knows Concept of viscous force and viscosity.
		CO-4[L6, Creating] Discuss the concepts of properties of matter.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	PHY- Physics Principles And Applications.	CO-1[L2, Understanding]. To demonstrate an understanding of electromagnetic waves and its spectrum.
		CO-2 [L1, Remembering]. Understand the types and sources of electromagnetic waves and applications.
		CO-3 [L6, Creating]. To Describe the structure of atom and spectrum of hydrogen atom
		CO-4[L4, Analyzing]. To Analyze the bonding mechanism and it's different types.
	PHY-Heat and Thermodynamics	CO-1[L2, Understanding].The learner understands Heat Transfer Mechanisms
		CO-2 [L4, Analyzing].To examine or understand Concept of heat & temperature
		CO-3[L1, Remembering]. Learning outcomes for Concept of thermodynamics.
		CO-4[L5, Evaluating]. The learner will understand the importance
	PHY-122 Electricity and Magnetism	CO-1[L1, Remembering] To study magnetic materials and its properties.
		CO-2[L2, Understanding] To Demonstrate the quantitative problem solving skills in all the topics covered.
		CO-3[L6, Creating]. Able to calculate electrostatic field and potential of charge distributions using
		Coulomb's law and Gauss's law.
		CO-4[L4, Applying]To understand the concept of the electric force, electric field and electric stationary charges



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Course Outcomes S.Y.B.Sc. (CBCS- 2019)		
PH211: Mathematical Methods in Physics		CO-1[L2, Understanding]. Understand the complex algebra useful in physics courses
		CO-2[L5,Evaluating] To Understand or Evaluate the role of partial differential equations in physics.
		CO-3[L3, Applying]. To Apply various rules in Partial Differentiation.
		CO-4[L2,Understanding]. Understand the singular points of differential equation
PHY-212: Electronics		CO-1[L3, Applying]. Apply laws of electrical circuits to different circuits.
		CO-2[L2, Understanding] To Understand the relations in electricity.
		CO-3[L6, Creating]. Design circuits using transistors and operational amplifiers.
		CO-4 [L2, Understanding] To Understand the Boolean algebra and logic gate.
PH221: OSCILLATIONS, WAVES AND SOUND		CO-1 [L5, Evaluating] To evaluate or Calculate the phase velocity of a travelling wave.
		CO-2[L2, Understanding] To Explain the Doppler effect, and predict in qualitative terms the frequency change that will occur for a stationary and a moving observer.
		CO-3 [L1, Remembering] Define the decibel scale qualitatively, and give examples of sounds at various
		CO-4 [L3, Applying] To Solve numerical problems of undamped, damped , forced oscillations .



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	PHY-222 Optics	CO-1 [L1 Remembering] To Get basic knowledge of Wave Optics
		CO-2[L2, Understanding] To Understand optical phenomena such as polarization, birefringence, interference and diffraction in terms of the wave model.
		CO-3[L4, Analyzing]. Analyze simple examples of interference and diffraction phenomena.
		CO-4[L5, Evaluating] Explain why a light beam spreads out after passing through an aperture.
	Course Outcomes T.Y.B.Sc. (2041-15 Pattern) Physics	
	PH-331-Mathematical Methods in Physics	CO-1 [L1, Remembering]. Know the Cartesian, spherical polar and cylindrical co-ordinate systems.
		CO-2 [L2, Understanding]. To understand the Special Theory of Relativity.
		CO-3 [L3, Applying]. Discuss the Michelson- Morley Experiment.
		CO-4 [L4, Analyzing] To obtain the series solution by Frobenius method .
	PH-332-Solid State Physics	CO-1 [L1, Remembering]. Know the principles of structures determination by diffraction
		CO-2 [L2, Understanding]. To understand the principles and techniques of X-rays diffraction
		CO-3 [L3, Applying]. 3Know the fundamental principles of semiconductors and be able
		to estimate the charge carrier mobility and density



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO-4 [L4, Analyzing] To give an extended knowledge about magnetic properties like diamagnetic, paramagnetic, ferromagnetic, ferrites and superconductors
	PH-333-Classical Mechanics	CO-1[L1 , Remembering]: Explain Central force, equivalent one body problem
		CO-2 [L2, Understanding]: Deduction of Kepler's laws of planetary
		CO-3 [L3, Applying]: Explain in detail Elastic scattering - Laboratory and center of mass system.
		CO-4[L5, Evaluating]: To Discuss in detail the Importance or General features of motion, equation of orbit
	PH-334-Atomic and molecular Physics	CO-1 [L2, Understanding] .To Understand the Rutherford Model of an Atom.
		CO-2 [L5, Evaluating] . To Discuss or a rule on Duane and Hunt Rule
		CO-3[L2, Understanding]: To Understand the Introduction and Rotational Energy Levels
		CO-4[L6, Creating]. To Discuss the Electronic Spectra of Molecule
	PH-335- Computational Physics	CO-1 [L3, Applying]: Write algorithm and flow chart for c-programming language.
		CO-2. [L1 , Remembering]: To use of iterative, decision making and the jump statement.
		CO-3. [L2, Understanding]: Understand the concept of arrays and pointers.
		CO-4. [L4, Analyzing] Study of user defined functions and program structures



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	PH-336- Renewable energy sources	CO-1 [L1, Remembering]: To Describe the Working of biogas plant, Advantages and disadvantage of floating and fixed dome type plant.
		CO-2 [L2, Understanding]: To Identify or Classify Conventional and Non-conventional Energy sources.
		CO-3[L3, Applying]: construction and working..
		CO-4 [L5, Evaluating]: To Evaluate or Describe the Bio -mass conversion technologies.
	SEM II	
	PHY-341 Classical Electrodynamics	CO-1[L1Remembering].Understand Mechanics of system of particles.
		CO-2[L2, Understanding].Know the Motion in Central Force Field.
		CO-3[L3, Applying] Elastic and inelastic scattering.
		CO-4.[L4, Analyzing] Solve Langrangian and Hamiltonian formulation.
	PHY-342 Quantum Mechanics	CO-1 [L1, Remembering] . To define various concepts wave function , wave packet, Heisenberg's exp etc.
		CO-2[L2, Understanding] To Understand the concepts of time dependent and independent Schrödinger' s wave equations.
		CO- 3 [L3, Applying]. Solve the problems using Schrodinger's steady state equation.
		CO-4[L4, Analyzing]. Get knowledge of rigid rotator
	PHY-343 Thermodynamics and Statistical Physics	CO-1 [L1, Remembering] . To Define the various concepts of mean free path, viscosity, diffusion etc.
		CO-2[L2, Understanding] To Understand the Maxwell's relations and it's applications.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO-3[L3, Applying] .To apply probability and it's distribution function to Gaussian probability distribution.
		CO-4 [L5, Evaluating] To Explain the Quantum Statistics.
	PHY-344 Nuclear Physics	CO-1[L1, Remembering]. Know the properties of nucleus likes binding energy, magnetic dipole moment and electric quadruple moment.
		CO-2[L2, Understanding]. To understand the concept of radioactivity and decays law
		CO-3[L4, Analyzing]. To study achievement of Nuclear Models of Physics and its Limitations
		CO-4.[L2, Understanding] To give an extended knowledge about nuclear reactions such as nuclear fission and fusion
	PHY-345 Electronics	CO-1[L2, Understandings]. To study the Operational Amplifier and their types.
		CO-2[L1, Remembering]. To know the Timer IC- 555 and its classification.
		CO-3[L4, Analyzing]. To study the Regulated Power supply.
		CO-4[L6, Creating]. To understand the FET, JFET, MOSFET.
	PHY-346 Lasers	CO-1[L1, Remembering] To Define Various Process of Lasers.
		CO-2[L2, Understanding] To Understand the Laser Action.
		CO-3[L4, Analyzing] To Analyze the laser output of various Broadening Process.
		CO-4 [L5, Evaluating] To Evaluate or explain the various types of Lasers.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF CHEMISTRY

UG	Program: B.Sc. Chemistry	
	Program Outcomes	PO-1. Developed understanding of various aspects of the chemical, physical and life science.
		PO-2. Use of advanced techniques, methods, modern equipments, software's and solves the problems to find the logical conclusions.
		PO-3. Selection of the multidisciplinary approach for sustainable development.
		PO-4. Developed critical thinking & specific knowledge to design record & analyze results of theoretical and experimental concepts.
	Program Specific Outcomes	PSO-1. Understand laboratory techniques & laboratory safety.
		PSO-2. Make aware & handle the sophisticated instruments/equipments.
		PSO-3. Utilize modern chemical tools, models, charts & equipments.
		PSO-4. To explain reactivity, structure, stereochemistry & mechanisms of chemical reactions.
	Course Outcomes F.Y.B.Sc. (CBCS- 2019)	
	CH-101: Physical Chemistry	CO 1: Define (L1, Remembering) bond energy, absolute entropies of substances
		CO 2: Discuss (L 6, Creating) the Exothermic and Endothermic reaction
		CO 3: Explain (L 2, Understanding) the concept of gas equilibrium
		CO 4: Determine (L 5, Evaluating) pH of different salts, buffer solution, and common ion effect.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CH-102: Organic Chemistry	CO 1: What (L1, Remembering) is mean by Markownikoff's and anti-Markownikoff's addition
		CO 2: Compare (L 4, Analyzing) the Homolysis and Heterolysis.
		CO 3: Explain (L 2, Understanding) Concepts of Isomerism
		CO 4: Discuss (L 6, Creating) the ozonolysis reaction
	CH-103: Chemistry Practical I	CO 1: Explain (L 2, Understanding) the heat capacity of Calorimeter
		CO 2: Discuss(L 6, Creating) the various safety elements in laboratory
		CO 3: Explain (L 5, Evaluating) the hazardous nature of chemicals
		CO 4: Identify (L 3, Applying) the extra elements from organic compounds
	CH-201: Inorganic Chemistry	CO 1: Explain (L 2, Understanding) theories and principles of atomic structure
		CO 2: Solve (L 3, Applying) the problems based Schrodinger equation.
		CO 3: Compare (L 4, Analyzing) properties trends of various blocks in the periodic table
		CO 4: Discuss (L 6, Creating) the chemical bonding of different molecule
	CH-202: Analytical Chemistry	CO 1: Define (L1, Remembering) term mole and molar concentration
		CO 2: Explain (L 2, Understanding) the concepts of chromatography
		CO 3: Determine (L 5, Evaluating) the presence of nitrogen, sulfur, halogen and phosphorous by Lassaigne's
		CO 4: Discuss (L 6, Creating) the purification techniques used for organic compounds



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CH-203: Chemistry Practical II	CO 1: Test for (L 4, Analyzing) water of crystallization
		CO 2: Explain (L 5, Evaluating) purification of organic compounds
		CO 3: Estimate (L 6, Creating) Cu(III) from brass alloy
		CO 4: Explain (L 5, Evaluating) preparation of derivatives of organic compounds
	Course Outcomes S.Y.B.Sc. (CBCS- 2019)	
	CH-301: Physical and Analytical Chemistry	CO 1: Explain (L 2, Understanding) the order of reaction by chemical kinetics.
		CO 2: Solve (L 3, Applying) the problems based on order of reaction
		CO 3: Com pare (L 4, Analyzing) the physical and chemical adsorption.
		CO 4: Discuss (L 6, Creating) the various methods of volumetric analysis.
	CH-302: Inorganic and Organic Chemistry	CO 1: What (L1, Remembering) are the rules for linear combination of atomic orbital's.
		CO 2: Explain (L 2, Understanding) the MO energy level diagram of different molecules.
		CO 3: Apply (L 3, Applying) the rules for writing IUPAC nomenclature.
		CO 4: Predict (L 6, Creating) the products of the name reaction.
	CH-303: Practical Chemistry-III	CO 1: Define (L1, Remembering) theoretical principle of pH metry.
		CO 2: Identify (L 3, Applying) the order of reaction.
		CO 3: Estimate (L 6, Creating) the amount of aspirin in given sample.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 4: Explain (L 5, Evaluating) the critical solution temperature in phenol-water system.
	CH-401: Physical and Analytical Chemistry	CO 1: Define (L 1, Remembering) ideal and non ideal solutions.
		CO 2: Explain (L 2, Understanding) the phase diagram for CO ₂ system
		CO 3: Determine (L 5, Evaluating) the cell constant of given cell.
		CO 4: List (L 4, Analyzing) the essential terms used in interaction of light with matter.
	CH-402: Inorganic and Organic Chemistry	CO 1: Explain (L 2, Understanding) the bonding in Octahedral complex.
		CO 2: Identify (L 3, Applying) the kinds of isomerism in coordination complexes.
		CO 3: Interpret (L 2, Understanding) the number of interactions in substituted cyclohexane.
		CO 4: Propose (L 6, Creating) the possible mechanism for the given reaction.
	CH-403: Practical Chemistry-IV	CO 1: Find (L1, Remembering) out the coordination number of central metal ion in complex.
		CO 2: Comparative (L 2, Understanding) study of inorganic quantitative and qualitative analysis.
		CO 3: Estimate (L 6, Creating) the concentration of unknown solution colorimetrically.
		CO 4: Choose (L 5, Evaluating) the suitable condition for organic preparation.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	Course Outcomes T.Y.B.Sc. (CBCS- 2019)	
	CH-501: Physical Chemistry	CO 1: Explain (L 2, Understanding) the Heisenberg's uncertainty principle
		CO 2: Solve (L 3, Applying) Schrodinger equation for 1D, 2D and 3D model
		CO 3: Define (L 1, Remembering) the term additive and constitutive properties
		CO 4: Explain (L 5, Evaluating) concept of polarizability
	CH-502: Analytical Chemistry- I	CO 1: Define (L 1, Remembering) basic terms in gravimetry and spectrophotometry
		CO 2: Identify (L 3, Applying) the basic radicals in the mixture.
		CO 3: Demonstrate (L 2, Understanding) the Calibration and Standardization of the instruments
		CO 4: Compare (L 4, Analyzing) the different analytical terms, process and methods
	CH-503: Physical Chemistry Practical - I	CO 1: Determine (L 5, Evaluating) the specific refractivity's of the different liquids
		CO 2: Distinguish (L 4, Analyzing) between colorimetric and conductometric titration.
		CO 3: Estimate (L 6, Creating) of Fe^{3+} ions by thiocyanate method
		CO 4: Analysis of Riboflavin from vitamin supplementary tablet sample by Photoflurometry
	CH-504: Inorganic Chemistry – I	CO 1: What (L 1, Remembering) are the rules for linear combination of atomic orbital's.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 2: Explain (L 2, Understanding) the MO energy level diagram of different molecules.
		CO 3: Discuss (L 6, Creating) the concepts of stability and lability
		CO 4: Distinguish (L 4, Analyzing) between metal, semiconductor and insulator
	CH-505: Industrial Chemistry	CO 1: Explain (L 2, Understanding) the departments in chemical industry (QC, QA, R&D, HR)
		CO 2: Explain (L 5, Evaluating) the chemistry of soap
		CO 3: Theory and purpose (L 6, Creating) of fermentation process
		CO 4: Comparative (L 2, Understanding) study of classification and applications of dyes & pigments
	CH-506: Inorganic Chemistry Practical – I	CO 1: Find (L1, Remembering) out the coordination number of central metal ion in complex.
		CO 2: Comparative (L 2, Understanding) study of inorganic quantitative and qualitative analysis.
		CO 3: Estimate (L 6, Creating) the concentration of Ni in Ni-DMG Gravimetrically.
		CO 4: Identify (L 3, Applying) the basic and acidic radicals in mixture
	CH-507: Organic Chemistry – I	CO 1: Predict (L 6, Creating) the products of the name reaction.
		CO 2: Explain (L 5, Evaluating) the preparation and reactions of diethyl malonate.
		CO 3: Identify (L 3, Applying) the product of the rearrangement reactions.
		CO 4: Define (L 1, Remembering) kinetic isotopic effect.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CH-508: Chemistry of Biomolecules	CO 1: Comparative (L 2, Understanding) study of bacterial cell, plant cell and animal cell
		CO 2: Explain (L 2, Understanding) the classification of carbohydrates and their biochemical significance in living organisms
		CO 3: List (L 4, Analyzing) the industrial applications of enzymes
		CO 4: Explain (L 5, Evaluating) the action of hydrophilic hormones
	CH-509: Organic Chemistry Practical - I	CO 1: Identify (L 3, Applying) the components in binary mixture.
		CO 2: Determine (L 5, Evaluating) the functional group in the organic compounds.
		CO 3: Explain (L 2, Understanding) the purification of organic compounds by various method
		CO 4: Theory and purpose (L 6, Creating) of green chemistry
	CH-510(B): Polymer Chemistry	CO 1: Distinguish (L 4, Analyzing) between natural, synthetic, organic and inorganic polymers
		CO 2: Explain (L 2, Understanding) the different polymerization techniques
		CO 3: Explain (L 5, Evaluating) the mechanisms of polymerization
		CO 4: List (L 4, Analyzing) the application of the polystyrene
	CH-511(A): Environmental Chemistry	CO 1: Define (L 1, Remembering) Units of concentration
		CO 2: List (L 4, Analyzing) the parameters used monitoring water quality
		CO 3: Explain (L 2, Understanding) the methods for treatment of Waste water



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 4: Identify (L 3, Applying) the Organic and inorganic pollutants
	CH-601: Physical Chemistry-II	CO 1: Explain (L 2, Understanding) the principle and working of electrochemical cells
		CO 2: Define (L 1, Remembering) liquid junction potential
		CO 3: Solve (L 3, Applying) Distance and wavelength by Braggs equation
		CO 4: Distinguish (L 4, Analyzing) between crystalline and amorphous solid
	CH-602: Physical Chemistry-III	CO 1: Determine (L 5, Evaluating) the molecular weight
		CO 2: Explain (L 2, Understanding) the concept of Vant Hoffs factor
		CO 3: Explain (L 2, Understanding) the factors affecting on solid state reactions
		CO 4: Define (L 1, Remembering) molecular weight of polymer
	CH-603: Physical Chemistry Practical-II	CO 1: Determine (L 5, Evaluating) the solubility product and solubility of AgCl by potentiometer
		CO 2: Identify (L 3, Applying) sulphate and chloride by turbidimetric methods
		CO 3: Analyze (L 4, Analyzing) the crystal structure from x ray spectra
		CO 4: Estimate (L 6, Creating) the E_{\max} of beta particles
	CH-604: Inorganic Chemistry – II	CO 1: Define (L 1, Remembering) organometallic chemistry
		CO 2: Determine (L 5, Evaluating) the valence electron count by using 18e rule
		CO 3: Explain (L 2, Understanding) the phenomenon of catalysis



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 4: Distinguish (L 4, Analyzing) between organic and inorganic polymer
	CH-605: Inorganic Chemistry – III	CO 1: Explain (L 2, Understanding) the different properties of acid and base
		CO 2: Identify (L 3, Applying) the type of voids in crystal structure
		CO 3: Explain (L 2, Understanding) the biological methylation
		CO 4: Identify (L 3, Applying) the coordination number of ion in ionic solid
	CH-606: Inorganic Chemistry Practical – II	CO 1: Estimate (L 6, Creating) sodium by flame photometry
		CO 2: Analyze (L 4, Analyzing) the calcium from milk powder
		CO 3: Determine (L 5, Evaluating) the band gap of nano material
		CO 4: Estimate (L 6, Creating) the potassium by flame photometry
	CH-607: Organic Chemistry – II	CO 1: Discuss (L 6, Creating) various organic spectroscopic methods in structure determination
		CO 2: Solve (L 3, Applying) maximum wavelength related problems
		CO 3: Explain (L 2, Understanding) the geometrical isomers
		CO 4: Determine (L 5, Evaluating) the structure of organic compounds
	CH-608: Organic Chemistry – III	CO 1: Discuss (L 6, Creating) the retro synthesis and synthesis of organic compounds
		CO 2: Explain (L 2, Understanding) the reactive intermediates
		CO 3: Define (L 1, Remembering) terpenoids and alkaloids
		CO 4: Discuss (L 6, Creating) the role of different reagents in organic synthesis



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CH-609: Organic Chemistry Practical-II	CO 1: Explain (L 2, Understanding) the fingerprint region IR
		CO 2: Determine (L 5, Evaluating) the coupling constant from ¹ H NMR
		CO 3: Estimate (L 6, Creating) the functional group in compound
		CO 4: Determine (L 5, Evaluating) the molecular wt. of tribasic acid
	CH-610(A): Chemistry of soil and Agrochemicals	CO 1: Determine (L 5, Evaluating) the Ca & Mg of soil by EDTA
		CO 2: Explain (L 2, Understanding) the component & properties of soil
		CO 3: Discuss (L 6, Creating) the role fertilizer & manure.
		CO 4: Analyze (L 4, Analyzing) the pH, EC, TDS of soil.
	CH-611(B): Analytical chemistry -II	CO 1: Define (L 1, Remembering) solvent extraction.
		CO 2: Distinguish (L 4, Analyzing) analytical terms, process.
		CO 3: Explain (L 2, Understanding) the theoretical principles
		CO 4: Analyze (L 4, Analyzing) the wavelength in HPLC
		MASTER OF SCIENCE
PG	Program: M.Sc. Organic Chemistry	
	Program Outcomes	PO-1. To develop a fundamental and specialize knowledge of organic chemistry
		PO-2. Use of advanced techniques, methods, modern equipments & software's.
		PO-3. Selection of the multidisciplinary approach for sustainable



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		development.
		PO-4. Determine molecular structure on the basis of CMR, NMR and 2DNMR techniques.
	Program Specific Outcomes	PSO-1. Students will be able to have knowledge of basic concepts in organic Chemistry
		PSO-2. Students will be able to apply the concepts of medicinal chemistry and drug activity in real life to solve the problems.
		PSO-3. Students develop the aptitude of doing small research projects.
		PSO-4. Understand laboratory practices and safety.
	Course Outcomes M. Sc. I (CBCS- 2019)	
	CHP-110	CO 1: Discuss (L 6, Creating) Basic concepts of thermodynamics
		CO 2: Determine (L 5, Evaluating) Commutator operator in quantum chemistry
		CO 3: Discuss (L 6, Creating) Different rate equations
		CO 4: Explain (L 2, Understanding) Collision theory of bimolecular gas phase reactions
	CHI-130	CO 1: Explain (L 2, Understanding) concept of symmetry in molecules
		CO 2: Discuss (L 6, Creating) Great orthogonality theorem
		CO 3: Analyze (L 4, Analyzing) the various point groups in molecules
		CO 4: Explain (L 2, Understanding) the chemistry of s and p block elements
	CHO-150	CO 1: Discuss (L 6, Creating) the concept of aromaticity.
		CO 2: Explain (L 2, Understanding) the stereochemistry and its importance



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 3: Predict (L 6, Creating) the products of different rearrangements
		CO 4: Discuss (L 6, Creating) the various oxidizing and reducing agents
	CHG-190 Theory	CO 1: Discuss (L 6, Creating) the function of various amino acid and proteins
		CO 2: Explain (L 2, Understanding) the transport of ion and molecules
		CO 3: Analyze (L 4, Analyzing) the chemistry of molecules and cell biology
		CO 4: Explain (L 2, Understanding) the replication, transcription in cell biology
	CH-107-Basic Practical Chemistry	CO 1: Determine (L 5, Evaluating) Molecular weight by steam distillation
		CO 2: Estimate (L 6, Creating) the Mn in tea leaves
		CO 3: Explain (L 2, Understanding) various purification techniques
		CO 4: Discuss (L 6, Creating) the various safety elements
	CHG-190 Practical	CO 1: Determine (L 5, Evaluating) Silica and Mn from pyrolusite ore
		CO 2: Estimate (L 6, Creating) the Sn and Pb from solder alloy
		CO 3: Explain (L 2, Understanding) the study of application of solid state material
		CO 4: Determine (L 5, Evaluating) the band gap by absorption spectroscopy
	CHP-210	CO 1: Discuss (L 6, Creating) the various spectroscopic techniques
		CO 2: Explain (L 2, Understanding) the basic concepts of radioactivity
		CO 3: Discuss (L 6, Creating) the various applications of Radioactivity
		CO 4: Explain (L 2, Understanding) the elements of radiation and nuclear fission.



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	CHI-230	CO 1: Determine (L 5, Evaluating) the quantum numbers, R&S terms, correlation diagrams.
		CO 2: Explain (L 2, Understanding) the magnetic properties of coordination complexes
		CO 3: Discuss (L 6, Creating) the various thermodynamic aspects of inorganic and bio inorganic chemistry.
		CO 4: Explain (L 2, Understanding) the function and transport of alkali and alkaline earth metal ions.
	CHO-250	CO 1: Discuss (L 6, Creating) the basic principle of photochemistry and pericyclic reactions.
		CO 2: Explain (L 2, Understanding) FMO approach, electrocyclic and sigmatropic reactions.
		CO 3: Discuss (L 6, Creating) The basic principle of spectroscopic methods.
		CO 4: Determine (L 5, Evaluating) the structure of organic compounds by spectroscopic methods.
	CHG-290 Theory	CO 1: Distinguish (L 4, Analyzing) DNA and RNA.
		CO 2: Explain (L 2, Understanding) the TCA cycle, urea cycle.
		CO 3: Discuss (L 6, Creating) the factors affecting enzyme activity.
		CO 4: Define (L 1, Remembering) replication, transcription translation.
	CHP -227: Basic Practical Chemistry	CO 1: Determine (L 5, Evaluating) equilibrium constants by Jobs method.
		CO 2: Analyze (L 4, Analyzing) different coordination complexes
		CO 3: Identify (L 3, Applying) different element by column



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		chromatography.
		CO 4: Discuss (L 6, Creating) the role of green chemistry in pollution reduction.
	CHG-290 Practical	CO 1: Determine (L 5, Evaluating) half wave potential by polarography
		CO 2: Estimate (L 6, Creating) halides in different mixture by potentiometry
		CO 3: Analyze (L 4, Analyzing) powder XRD of SrTiO_3
		CO 4: Determine (L 5, Evaluating) CMC in detergent by conductometry
	M.Sc. II (CBCS- 2019)	
	CHO-350	CO 1: Explain (L 2, Understanding) kinetic and non kinetic methods for determining reaction mechanism.
		CO 2: Discuss (L 6, Creating) reactions of free radicals.
		CO 3: Analyze (L 4, Analyzing) Hammet plots and study linear free energy relationship.
		CO 4: Discuss (L 6, Creating) the biogenesis pathway of various terpenoids, alkaloids.
	CHO-351	CO 1: Discuss (L 6, Creating) various applications of NMR in stereochemistry determination.
		CO 2: Explain (L 2, Understanding) 2D NMR spectroscopy in structure determination of organic compounds.
		CO 3: Explain (L 2, Understanding) Various concepts of mass spectrometry.
		CO 4: Solve (L 3, Applying) various problems based on spectroscopic techniques.



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	CHO-352	CO 1: Explain (L 2, Understanding) anomeric effect, Conformations of polysubstituted cyclohexane
		CO 2: Discuss (L 6, Creating) Cram's rule, Cram's cycle model, Cram's dipolar model, Felkin-Anh Model
		CO 3: Explain (L 2, Understanding) asymmetric aldol reactions
		CO 4: Define (L 1, Remembering) chiral pool, chiral auxiliary
	CHO-353	CO 1: Discuss (L 6, Creating) protection deprotection approach for various functional group
		CO 2: Define (L 1, Remembering) the concept of Chiron approach, Chiron, chiral template
		CO 3: Discuss (L 6, Creating) basic structure and conformations of monosaccharides
		CO 4: Explain (L 2, Understanding) the synthesis of glycosides and higher sugars
	CHO-354: Solvent free Organic synthesis	CO 1: Analyze (L 4, Analyzing) Spectral analysis best on instrumental techniques.
		CO 2: Preparation of organic compounds, their purifications and run TLC.
		CO 3: Explain (L 2, Understanding) Carbon-carbon bond formation reaction.
		CO 4: Determine (L 5, Evaluating) the M.P. & B.P.
	CHO-450	CO 1: Explain (L 2, Understanding) the synthesis of Longifolene.
		CO 2: Discuss (L 6, Creating) synthesis of Ribisins A& B.
		CO 3: Discuss (L 6, Creating) Wagner Meerwein Rearrangement.
		CO 4: Identify (L 3, Applying) different product in various reaction.



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	CHO-451	CO 1: Discuss (L 6, Creating) role of transition metal in organic synthesis.
		CO 2: Explain (L 2, Understanding) the concept of click chemistry.
		CO 3: Determine (L 5, Evaluating) the product of different reaction.
		CO 4: Define (L 1, Remembering) Metathesis reaction.
	CHO-452	CO 1: Explain (L 2, Understanding) the structure activity and drug targets
		CO 2: Define (L 1, Remembering) Medicinal chemistry
		CO 3: Discuss (L 6, Creating) the antimicrobial drugs, antibacterial, antifungal, antiviral.
		CO 4: Explain (L 2, Understanding) Pharmacokinetics & Pharmacodynamics of drug.
	CHO-453 Practical	CO 1: Analyze (L 4, Analyzing) micro scale elemental analysis.
		CO 2: Explain (L 2, Understanding) type determination & separation.
		CO 3: Estimate (L 6, Creating) the functional group in mixtures.
		CO 4: Discuss (L 6, Creating) the recrystallization in different compound.
	CHO-454 Practical	CO 1: Discuss (L 6, Creating) the preparation of dry solvent.
		CO 2: Estimate (L 6, Creating) physical constant, density of natural products.
		CO 3: Identify (L 3, Applying) essential oils from natural product.
		CO 4: Analyze (L 4, Analyzing) the elemental functional groups.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF BOTANY

Class	Course	Course Outcomes (CO)
SEM I		
F.Y.B.Sc.Botany	BO 111- Plant life and Utilization I	CO 1 – [Understanding L2] Describe the outline of cryptograms and phanerogams.
		CO 2- [Understanding L2] Describe the reproduction of plant forms of cryptograms.
		CO 3-[Applying L3] Identify the forms of cryptograms and phanerogams.
		CO 4- [Understanding L2] Describe the forms of lichens and their economic value.
	BO 112 – Plant Morphology and Anatomy	CO1 –[Remembering L1] Define plant Anatomy and Morphology.
		CO 2- [Understanding L2] Describe the reproductive structure in plants.
		CO3 – [Understanding L2] Explain the botanical Concept, including plant anatomy.
		CO 4- [Applying L3] Explain the type of tissue and formation of fruits.



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	BO113 - Practical based on BO 111 and BO 112	CO 1- [Remembering L1] Recognize the live forms of Cryptogamic and Phanerogamic plants.
		CO 2-[Analyzing L4] Analyse and describe botanical concept, including plant anatomy.
		CO 3- [Understanding L2] Illustrate the floral parts, fruits, leaves and their types.
		CO4-[Understanding L2] Describe the Mushroom Cultivation.
SEM II		
F.Y.B.Sc	BO 121-Plant Life and Utilization II	CO 1- [Applying L3] Utilization and economic importance of Vascular plants.
		CO 2-[Evaluating L5] Explain Life cycle pattern in Vascular plants .
		CO 3 -[Evaluating L5] Explain the reproductive structures in plant.
		CO4- [Applying L3] Utilization and economic importance of plant: In food, fodder, fibers, horticulture and medicines.
	BO 122 – Principles of plant Science	CO 1-[Remebering L1] Define plant Physiology and Molecular biology.
		CO 2-[Creating L6] Perform process of imbibitions, osmosis, diffusion and Plasmolysis, Measure growth by Arc Auxanometer.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 3-[Understanding L2] Describe plant growth regulators and their type ,structure of plant and cell cycle in plant.
		CO 4- [Evaluating L5] Explain the structure and types of RNA and DNA replication.
	BO 123- Practical based on BO 121 and BO 122	CO 1- [Evaluating L5] Detail knowledge on characters, classification ,morphology, structure and economic important of Pteridophytes and Gymnosperm.
		CO 2-[Evaluating L5] Determine the mitosis and meiosis divisional stages.
		CO 3-[Creating L 6] Estimate chlorophyll –a & b by plant material.
		CO 4-[Understanding L2] Demonstrate the plasmolysis by using Rhoecydia leaf peeling and osmosis by curling experiment.
	BO 231- Taxonomy of Angiosperms and Plant Ecolog	CO 1--[Evaluating L5] Explain plant taxonomy and taxonomic related terminologies and different classification systems of angiosperms.
		CO2 –[Evaluating L5] Determine Botanical Nomenclature of angiosperm plants.
		CO3- Understanding L2] Describe plant families with examples and herbarium methods - collecting, mounting, and keeping records.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO4-[Understanding L2] Describe computer knowledge in plant taxonomy and digital herbarium.
SEM I		
S.Y.B.SC BOTANY		
	BO 232 –Plant Physiology.	CO1- [Evaluating L5] Explain processes of mineral nutrition, absorption of water, ascent of sap,
		Mechanisms of water loss from plants.
		CO2-[Creating L6]Perform processes of imbibitions, Osmosis, Diffusion and Plasmolysis, measure
		growth by arc auxanometer.
		CO3-[Understanding L2] Describe Plant growth regulators and their types.
		CO4- [Understanding L2] Discuss nitrogen metabolism in plants and mechanisms and application of photoperiodism.
	BO 233-Practical Based on BO 231 and	CO 1- [Evaluating L5] Explain the practical knowledge of Taxonomic tools ecological instrument and plant families.
	BO 232	CO 2--[Understanding L2] Understand the internal morphology of hydrophytes and xerophytes.
		CO 3- [Analyzing L4] Analysed the different test, processes of plant physiology.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		CO 4-[Evaluating L5] Explain the practical knowledge about seed germination ,Transpiration DPD.
SEM II	BO 241 –Plant Anatomy and Embryology	CO1-[Understanding L2] Describe various tissue systems in plants like epidermal, mechanical and
		vascular.
		CO2-[Evaluating L5] Interpret the Principles- incompressibility ,inextensibility,shearing stress etc in
		plants.
		CO3- [Evaluating L5] Explain the process of normal and abnormal secondary growth in plants and process of pollination and fertilization.
		CO4-- [Understanding L2] Discuss the Structure and development process of male and female gametophyte and the types of microspore, ovules, embryo, seed and
		endosperm.
	BO 242- Plant Biotechnology	CO1-- [Understanding L2] Describe the fermentation process enzyme technology.
		CO2- [Evaluating L5] Interpret the production of Single cell proteins and concept of phytoremediation.



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		CO3-[Evaluating L5] Explain General method of gene isolation from the plants and their application..
		CO4-[Evaluating L5] Explain application of plant genetic engineering and Nano-biotechnology in crop improvement.
	BO 243 – Practical based on BO 241 & BO 242	CO 1- [Understanding L2] Discuss the practical knowledge of plant anatomy.
		CO 2-[Understanding L2] Understand the practical technique of double stained temporary preparation of plant stem.
		CO 3- [Understanding L2] Understand the working principle of tissue culture lab instrument.
		CO 4--[Evaluating L5] Explain basic practical knowledge of plant tissue culture, Transgenic plants, Spirulina cultivation.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF ZOOLOGY

Department of Zoology	After successful completion of two year program in Zoology a student should be able to:
Programme Outcomes	PO-1. To develop understanding of various aspects of the chemical, physical and Life science
	PO-2. Use of advanced techniques, methods, modern equipments & software's.
	PO-3. Selection of the multidisciplinary approach for sustainable development.
	PO-4. Develop critical thinking & specific knowledge to design record & analyze results of theoretical and experimental concepts.
	PO-5. Solve the problems and finding the logical conclusion.
	PO-6. Inculcate the resourceful spirit in the students and outside the scientific community.
Course Outcome FYBSc Zoology Semester I and II	
Course Outcomes	After completion of these Courses students should be able to;
ZO-111 Animal Diversity-I	CO1 Define [L1: Remembering] Taxonomy, Systematics and Concept of Species with Basic terminology and Application [Applying]: of Various system classification.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CO2 list [L1: Remembering] General characters of Kingdom Animalia, Grades of organization and Symmetry.
	CO3 Explain [L2: Understanding] Origin and importance of Metazoa, Protozoa and Porifera with their Classification.
	CO4 Discus [L6: Creating] Canal system, Skeleton Regeneration in Phylum Porifera and List [Remembering]: Economic importance of Phylum Porifera, Cnidaria and Platyhelminthes.
ZO-112 Animal Ecology	CO1 Explain [L2: Understanding] term- Concepts of Ecology, Environment, Population, Community, Ecosystem, Biosphere, Autecology and synecology.
	CO2 Define [L1: Remembering] and Explain [Evaluating] types of ecosystems, Food chain and Eutrophication in lakes and rivers.
	CO3 Explain [L2: Understanding] Density, Natality, Mortality, Fecundity tables, survivorship curves, age ratio, sex ratio, dispersal and dispersion and Discus [L6: Creating] Exponential and logistic growth, Population regulation,
	CO4 Discus [L6: Creating] Population interactions, Gause's Principle with laboratory and field interactions, Quadrant line and belt transect methods. Types [L1: Remembering] of Animal interactions.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

ZO-113 Zoology Practical.	CO1. Explain [L2: Understanding] phylum Protozoa, Porifera, Cnidaria, Platyhelminthes. Determination [L5: Evaluating] of density, frequency and abundance of species by quadrat method.
	CO2. Discuss [L6: Creating] Paramecium and Survey [L4:Analyzing] of Zoological Museum/National Park.
	CO3. Create [L6: Creating] of permanent slides: Spicules and Gemmules in Sponges and Identification of any three-museum specimen with help of taxonomic identification key.
	CO4 Estimation [L5: Evaluating] of Dissolved oxygen / Alkalinity / carbon dioxide from given water sample. Estimation [Evaluating] of water holding capacity of given soil sample
ZO-121	CO1 Explain [L5: Evaluating] Salient features and Classification [Understanding] of Phylum Aschelminthes with their Economic importance.
Animal Diversity-II	CO2 Explain [L5: Evaluating] Salient features and Classification [Understanding] of Phylum Annelida with their Economic importance.
	CO3 Explain [L5: Evaluating] Salient features and Classification [Understanding] of Phylum Arthropoda and Mollusca with their Economic importance and Discuss [Creating] mouth parts in insects.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CO4 Classification [L2: Understanding] of Phylum Echinodermata and Discus [L6: Creating] a) Asterias rubens b) Pedicellaria in Echinodermata.
ZO-122	CO1 Importance [L5: Evaluating] Importance of Cell Biology and its applications in industry.
Cell Biology.	CO2 Observed [L4: Analyzing] Structure and function of Prokaryotic and Eukaryotic cells.
	CO3 Discuss [L6: Creating] Plasma membrane (Fluid mosaic model). Explain [L2: Understanding] ultrastructure of Cell organelles
ZO-123	CO1 Explain [L2: Understanding] Phylum Aschelminthes, Annelida, Arthropoda, Mollusca and Echinodermata.
Zoology Practical.	CO2 Create [L6: Creating] a permanent slide: Mouthparts of Insects and Types of Shells in Mollusca. Visit to Survey [L4: Analyzing] of vermicomposting unit/ field for insect pest collection and its identification.
	CO3 List [L1: Remembering] Economic importance of honey bees, Lac insects silk worms, red cotton bug, Anopheles mosquito



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

	CO4 Compare [L2: Understanding] Simple and Compound Microscope and Measurement of microscopic objects- observe the blood cells, preparation of mitotic cell from onion roots, Develop [L6: Creating] temporary mount of human buccal epithelial cells and Study of Cell organelles by using microphotographs.
Course Outcome SYBSc Zoology Semester I and II	
ZO-231 Animal Diversity- III	CO1 Explain [L2: Understanding] Origin & Ancestry of Chordates and Comparative account of fundamental characters of Chordates with Non-Chordates.
	CO2 Explain [L5: Evaluating] characters of Group Protochordata, subphylum – Vertebrata. Illustrate [L2: Understanding] order of Amphibia with parental care.
	CO3 Illustrate [L2: Understanding] Salient features of Class – Pisces with examples and list [Analyzing] Types of Scales and Fins in Fishes.
	CO4 Examination [L4: Analyzing] and Identification [L4: Applying] of Various part of Respiratory, Nervous, reproductive and Circulatory System <i>Scoliodon</i> .



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ZO-232 Applied Zoology-I	CO1. Explain [L2: Understanding] Sericulture and Discus [L6: Creating] Study of different types of silk moths, their distribution, Taxonomic position and varieties of silk produced in India.
	CO2 Explain [L2: Understanding] External Morphology and life cycle of Bombyxmori and selection of mulberry varieties.
	CO3 Identify [L3: Applying] and Explain [L2: Understanding] Agricultural Pests, types of pests, Major insect pests and Non insect pest of agriculture.
	CO4 Discus [L6: Creating] various Pest control practices in brief.
ZO-233 Zoology Practical	CO1 Explain [L2: Understanding] Group Protochordata, class- Pisces, Class- Amphibia, fishes.
	CO2 Discuss [L6: Creating] external characters, digestive system and brain and Temporary preparation of scales & its identification of locally available fish.
	CO3 Visit to Survey [L4: Analyzing] of pond ecosystem with reference to Pisces and amphibians and Sericulture farm/ Agricultural farm report writing and submission.
	CO4 Examine [L4: Analyzing] life-cycle, equipments, submission of Photographs in Sericulture, Discuss [L6: Creating] following insect pests and non-insect pest.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

ZO-241 Animal Diversity-IV	CO1 Comparative [L4: Analyzing] Study of Venomous and Non-venomous snakes and Discus Snake venom, symptoms, effect and cure of snake bite, first aid treatment of snakebite and adaptations in reptiles in brief.
	CO2 Explain [L5: Evaluating] Salient features of class Aves and Mammalia with examples. Discus [L6: Creating] Flight adaptations in birds.
	CO3 Name [L1: Remembering], Explain [L2: Understanding] types of Beaks, feet and Migration in birds.
	CO5 Examination [L4: Analyzing] and Identification [L3: Applying] of Various part of Respiratory, Nervous, reproductive and Circulatory System of Rat.
ZO-242 Applied Zoology-II	CO1 Explain [L2: Understanding] and Discus [L6: Creating] Apiculture, Systematic position, Study of habit, habitat and Life cycle.
	CO2 Name [L1: Remembering] and Explain [L2: Understanding] various types of Bee keeping equipments, Bee products, Diseases and enemies of Apiculture.
	CO3 Define [L1: Remembering] Bee pollination and Discus [L6: Creating] management of bee colonies for pollination.
	CO4 Discus [L6: Creating] fisheries and its types (in brief) and Explain [L5: Evaluating] Habit, habitat and culture methods.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

ZO-243 Zoology Practical	CO1 Identification [L3: Applying] of Venomous & Non-venomous snakes and Study of reptilian diversity in and around the campus.
	CO2 Illustrate [L2: Understanding] types of beaks & feets in birds (Aves) and Study of avian diversity in and around the campus.
	CO3 Examine [L4: Analyzing] life-cycle, polymorphism, equipments, Bee products and Bee enemies in Apiculture.
	CO4 Visit to Survey [L4: Analyzing] of Apiculture institute / Fish farm/ Aquarium / Wildlife sanctuary / Bird sanctuary and Zoo.

DEPARTMENT OF MATHEMATICS

F.Y.B.Sc.Mathematics			
Semester I			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
MT-111	Algebra	1	Recall[L1:Remembering] the concept of Sets. Classify [L2:Understanding] equivalence relation.Identify [L3:Applying] the function. Find [L1:Remembering] inverse of function and composition of functions.
		2	Solve examples [L3:Applying] on Mathematical induction. Define [L1:Remembering] well-ordering Principle.Explain[L2:Understanding] Division Algorithm.Prove [L5:Evaluating] the properties of g.c.d.Find [L1:Remembering] g.c.d.by using Euclidean Algorithm.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		3	Recall [L1:Remembering] Fundamental Number of Arithmetic.illustrate [L2:Understanding] properties of Prime Numbers. Euclid's Lemma.Prove [L5:Evaluating] Basic Properties of congruence. Make use of [L3:Applying] Fermat's Theorem to find reminder.
		4	Recall [L1:Remembering] Sums and Products of complex numbers.Interpret [L2:Understanding] complex number.Apply [L3:Applying] De-Moivre's theorem. Prove [L5:Evaluating] nth roots of unity.
MT-112	Calculus-I	1	Explain [L2:Understanding] the Algebraic and order properties of R.Prove [L5:Evaluating] Arithmetic Mean-Geometric mean inequality and Bernoulli's inequality. Determine [L5:Evaluating] the given set.Find [L1:Remembering] supremum and ifimum of given set.Apply [L3:Applying] density theorem to find rationals between reals.
		2	Define [L1:Remembering] sequence and limit of sequence.Illustate [L2:Understanding] limit theorems.Examine [L4:Analyzing] for convergent and bounded sequence.Make use of [L3:Applying] Monotone convergence sequence to find limit of sequence.
		3	Define [L1:Remembering] Functions, domain ,range , Determine [L5:Evaluating] increasing or decreasing functions, even or odd functions.Make use of [L3:Applying] Squeeze theorem to find limit of function.Evaluate [L5:Evaluating] limit of given function. Explain [L2:Understanding] one sided limit and limit at infinity.



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		4	Recall [L1:Remembering] continuous function at a point.Explain [L2:Understanding] properties of continuous functions on an interval.Apply [L3:Applying] Location of root theorem for finding roots in interval.Discuss [L6:Creating] function for continuity.
MT-113	Mathematics Practical	1	Label [L1:Remembering] the graph of function
		2	Demonstrate [L2:Understanding] equivalence class of each element of given set.
		3	Identify [L3:Applying] monotonic increasing and monotonic decreasing sequence of real number.
		4	Solve [L6:Creating] examples by using Maxima software.
Semester II			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
MT-121	Analytical Geometry	1	Define [L1:Remembering] translation and rotation of axis.Explain [L2:Understanding] General equation of second degree in two variables.Discuss [L6:Creating] nature of conic.Classify [L4:Analyzing] second degree equation.
		2	Recall [L1:Remembering] Direction cosines and direction ratios. Apply [L3:Applying] different form of equation of plane to find its equation.
		3	Explain [L5:Evaluating] equations of a line in Symmetric and unsymmetrical forms.
		4	Recall [L1:Remembering] equation of a sphere in different forms. Explain [L5:Evaluating] Equation of tangent plane to sphere.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

MT-122	Calculus-II	1	Explain [L2:Understanding] Mean value theorems.
		2	Apply [L3:Applying] Leibnitz theorem for successive differentiation.
		3	Solve [L6:Creating]Linear first order equations.
		4	Find [L1:Remembering] integrating factors. Decide [L5:Evaluating] Exact differential equations.
MT-123	Mathematics Practical	1	Find [L1:Remembering] centre of conic.
		2	Examine [L4:Analyzing] condition for coplaner lines.Explain [L2:Understanding] L'Hospital Rules.
		3	Make use of [L3:Applying] Maxima software to find nth derivative of given function.
		4	Solve [L6:Creating] Exact differential equation..
S.Y.B.Sc.Mathematics			
Semester III			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
MT-231	Calculus of Several Variables	1	Recall [L1:Remembering]Domain and Range of function of two variables. Evaluate [L5:Evaluating] limit of function of two and three variables.
		2	Define [L1:Remembering] partial derivatives. Illustrate [L2:Understanding] chain rule for composite function.
		3	Examine [L4:Analyzing] function for extremum. Discuss [L6:Creating] nature of function.



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		4	Find [L1:Remembering] double integrals. Evaluate[L2:Understanding]double and triple integrals. Change [L6:Creating] the variables in double and triple integrals.
MT-232(A)	Numerical Methods and Its Applications	1	Recall [L1:Remembering] errors in number. Explain [L2:Understanding] iterative Methods. Construct [L6:Creating] Newton Raphson Formula.
		2	Construct [L3:Applying] Difference table. Explain [L2:Understanding] Lagranges Interpolation formula.
		3	Compare [L2:Understanding] Simpsons’s 1/3 rd rule and 3/8th rule. Apply [L3:Applying] Trapezoidal rule to find numerical integration.
		4	Solve [L3:Applying] differential equations by using Taylor Series method Picards method , Euler’s method and Runge - Kutta Method.
MT-233	Mathematics Practical	1	Find [L1:Remembering] Absolute,Relative and Percentage errors..
		2	Demonstrate [L2:Understanding] level curves and graph of function.Determine [L5:Evaluating] the function for extremum.
		3	Solve [L3:Applying] algebraic and transcendentalequation by iterative methods using Maxima software.
		4	Solve [L6:Creating] differential equation by using Eulers Method.
Semester IV			
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
MT-241	Linear Algebra	1	Recall [L1:Remembering] Row and Reduced row echelon form of matrix. Rank of matrix. Apply [L3:Applying] Gauss elimination and Gauss-



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

			Jordan elimination method . Examine [L4:Analyzing] consistency of linear system.
		2	Determine [L5:Evaluating] linear independence and dependence.
		3	Find [L1:Remembering] dimension of vector space, rank and nullity of matrix.
		4	Explain [L2:Understanding] properties of linear transformation. Discuss [L6:Creating] Rank-Nullity theorem.
MT-242(A)	Vector Calculus	1	Recall [L1:Remembering] Limit , Continuity and Derivatives.Discuss [L6:Creating] curvature and normal vectors for a space curve.
		2	Evaluate [L5:Evaluating] line integral. Apply [L3:Applying] greens theorem in the plane.
		3	Find [L1:Remembering] Surface integrals of vector field.
		4	Explain [L2:Understanding] the curl vector field and the conservative fields. Examine [L4:Analyzing] Stokes theorem. .
MT-243	Mathematics Practical	1	Find [L1:Remembering] Rank of matrix.
		2	illustrate [L2:Understanding] Row,Column and Null Space of a matrix.
		3	Make use of [L3:Applying] Maxima software to find gradient fields.
		4	Explain [L6:Creating] Divergence in three dimensions and Divergence theorem.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

DEPARTMENT OF COMMERCE

First Year B.
Com.

Semester I

Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
112	Financial Accounting	1	Recall[L1:Remembering] Accounting Concepts, Conversions and Principles
		2	Classify[L2:Understanding] Piecemeal distribution of cash practical problems and theory
		3	Identify[L4:Applying] Process of Single entry system converted into Double entry system
		4	Identify[L2:Understanding] about Goods and Service Tax Law
114 B	Computer Concepts and Application	1	Recall[L1:Remembering] Basic Concepts of Compute and Operating System
		2	Classify[L2:Understanding] Office Automation Tools such as MS-Word, MS Excel and MS PowerPoint
		3	Recall[L3:Remembering] Computer Network
		4	Identify[L3:Applying] Computer application in Business and E-Commerce



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

115-B	Banking and Finance	1	Recall[L1:Remembering] Evaluation and Structure of Indian Banking
		2	Identify[L4:Understanding] Functions of Bank
		3	Identify[L3:Applying] Procedure of opening and Operating of Deposit Account
		4	Identify[L4:Understanding] Methods of Remittance
116 C	Marketing and Salesmanship	1	[L2:Understanding] Market and Marketing
		2	Identify[L2:Understanding] Market Segmentation and Marketing Mix
		3	Identify[L2:Understanding] Market Segmentation and Marketing Mix
		4	Classify[L2:Understanding] Place Mix and Promotion Mix and various channels of Distribution
		Semester II	
122	Financial Accounting	1	Identify[L2:Understanding] about computerised accounting and its utility
		2	Identify[L2:Understanding] Accounting of Charitable Trust
		3	Identify[L3:Applying] Process of Single entry system converted into Double entry system



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		4	Identify[L2:Understanding] about Goods and Service Tax Law
114 B	Computer Concepts and Application	1	Recall[L1:Remembering] Basic Concepts of Compute and Operating System
		2	Classify[L2:Understanding] Office Automation Tools such as MS-Word, MS Excel and MS PowerPoint
		3	Recall[L1:Remembering] Computer Network
		4	Identify[L3:Applying] Computer application in Business and E-Commerce
115-B	Banking and Finance	1	Recall[L1:Remembering] Evaluation and Structure of Indian Banking
		2	Identify[L2:Understanding] Functions of Bank
		3	Identify[L3:Applying] Procedure of opening and Operating of Deposit Account
		4	Identify[L4:Understanding] Methods of Remittance
116 C	Marketing and Salesmanship	1	[L2:Understanding] Market and Marketing
		2	Identify[L2:Understanding] Market Segmentation and Marketing Mix
		3	Identify[L2:Understanding] Market Segmentation and Marketing Mix



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		4	Classify[L2:Understanding] Place Mix and Promotion Mix and various channels of Distribution
	Second Year B. Com.	Semester III	
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
232	Corporate Accounting- I	1	Recall[L1:Remembering] Accounting Standards
		2	Classify[L2:Understanding] Profit Prior to incorporation practical problems and theory
		3	Identify[L3:Analizing] Company Final Accounts
		4	Identify[L2:Understanding] Valuation of Shares
231	Business Communication- I	1	Identify[L2:Understanding] Introduction to Business Communication
		2	Identify[L3:Applying] Business Letters
		3	Identify[L2:Understanding] Various Types of soft skills
		4	[L3:Applying] resume writing and job application letters



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

235	Element of Company Law- I	1	Identify[L2:Understanding] Company Acts 2013 Introduction & concepts
		2	Identify[L2:Understanding] Formation & Incorporation of a Company
		3	Identify[L2:Understanding] Principal documents related to incorporation & raising of capital of company
		4	Identify[L2:Understanding] Various point of view about capital of the company
234	Business Management- I	1	Identify[L2:Understanding] Introduction to Management & Role of Management thinkers
		2	Identify[L2:Understanding] How to plan various management activities & developing decision making skills
		3	Identify[L2:Understanding] Importance & Process of Organizing, Authority, Process of recruitment
		4	Identify[L3:Applying] How to direction a group, team building skills, healthy discussion
236E	Cost & Works Accounting - I	1	Recall[L1:Remembering] Basic of Cost Accounting
		2	Identify[L2:Understanding] Element of cost & Cost Sheet



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		3	Identify[L2:Understanding] Purchase procedure & its Documentation
		4	[L4:Analysing] Inventory control
236B	Indian Banking System- I	1	Recall[L1:Remembering] Indian Banking structure
		2	Identify[L2:Understanding] Central Banking (RBI)
		3	Identify[L2:Understanding] Private Banking In India , [L4:Analysing] Old & New Private Banking in India
		4	Identify[L2:Understanding] Challenges before Public sector Bank , [L4:Analysing] Public sector Banking In India
236H	Marketing Management- I	1	Recall[L1:Remembering] Element of marketing Management
		2	Identify[L2:Understanding] Marketing Strategy & Consumer Behaviour
		3	Identify[L3:Applying] Marketing Planning
		4	[L4:Analysing] Marketing Research & its Impact on Decision Making
		Semester IV	



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

242	Corporate Accounting- II	1	Classify[L2:Understanding] Accounting procedure for holding company
		2	Classify[L2:Understanding] Concept of absorption of companies, Identify[L3:Applying] The skills of accounting process of absorption
		3	Classify[L2:Understanding] liquidation of companies, Identify[L3:Applying] The skills of practical application
		4	Recall[L1:Remembering] Forensic Accounting
241	Business Communication- II	1	Identify[L2:Understanding] Report Writing & Internal correspondence
		2	Identify[L2:Understanding] Recent trends in business communication
		3	Recall[L1:Remembering] Business Letters, [L6:creating] drafting of business letters
		4	Identify[L2:Understanding] Writing formal mail & blog Writing
245	Element of Company Law- II	1	Identify[L2:Understanding] Procedure & Practice of Company Management
		2	Identify[L2:Understanding] about the key managerial persons & CSR
		3	Identify[L3:Applying] training to Various types of meeting



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

		4	Identify[L2:Understanding] Various point of view about capital of the company
244	Business Management- II	1	Identify[L2:Understanding] Basic motivational tools used in management field
		2	Identify[L2:Understanding] Leadership skills in Organization
		3	Identify[L3:Applying] co ordination of group
		4	Identify[L2:Understanding] Emerging trends in business management
246E	Cost & Works Accounting - II	1	Identify[L2:Understanding]different pricing methods in material accounting
		2	Identify[L2:Understanding] labour cost & Payroll
		3	Identify[L2:Understanding] other aspects of labour
		4	Identify[L2:Understanding] Direct tax & JIT, CAM ,ERP
246B	Indian Banking System- II	1	Identify[L2:Understanding] Co operative banking structure in India
		2	Identify[L2:Understanding] Functions & role of development banking in India
		3	Identify[L2:Understanding] Various concepts of banking



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		4	Identify[L2:Understanding] goals & measures in banking reforms, [L4:Analysing] Role of various committees in Banking sector reforms
246H	Marketing Management- II	1	Identify[L2:Understanding] Green Marketing
		2	Identify[L2:Understanding] E-Marketing
		3	Identify[L2:Understanding] Digital-Marketing
		4	Identify[L2:Understanding] Theoretical & conceptual knowledge of international Marketing
	Third Year B. Com.		
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
301	Business Regulatory Framework Term I	1	Recall[L1:Remembering] Indian Contract Act 1872
		2	Identify[L2:Understanding] Law of Partnership 1932, LLP Act 2008



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		3	Identify[L2:Understanding] Sale of Goods Act 1930
		4	Identify[L2:Understanding] E contract
	Term II	5	Identify[L2:Understanding] Consumer protection Act 1986
		6	Identify[L2:Understanding] Intellectual Property right- Meaning, WIPO, patents, copyright, trademark & design
		7	Identify[L2:Understanding] negotiable instrument Act-1881
		8	Identify[L2:Understanding] Arbitration & Conciliation- Concept & Essentials ,power & Duties of Arbitration
302	Advanced Accounting Term I	1	Recall[L1:Remembering] Accounting Standard & Financial Reporting
		2	Identify[L3:Applying] Final Account of Banking Companies Theory & Practical Problems
		3	Identify[L2:Understanding] Insurance Claim
		4	Identify[L3:Applying] Final Account of Co operative societies
	Term I	5	Identify[L2:Understanding] VAT, service tax, Central Value added tax, income tax
		6	Identify[L2:Understanding] Branch Accounting-stock & debtors methods Theory & Practical Problems
		7	Identify[L2:Understanding] Single Entry system- Theory & Practical Problems
		8	Identify[L3:Analizing] Financial statement- ratio Analysis



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304	Auditing & Taxation Term I	1	Recall[L1:Remembering] Introduction to principles of auditing & audit process
		2	Identify[L2:Understanding] Checking, Vouching, audit Report & Auditing Standard
		3	Recall[L1:Remembering] company Auditor-qualification, disqualification, Appointment, Removal
		4	Identify[L2:Understanding] Tax Audit- Meaning, Scope, & Role
	Term II	5	Identify[L2:Understanding] Computerised auditing- Planning, Problems7 Development
		6	Identify[L2:Understanding] Important concepts & definition under income tax act 1961
		7	Identify [L3:Analizing] Computation of taxable income under the various heads of income- salary. House property, business. Capital gain & other sources
		8	Identify[L3:Analizing] Computation of Gross total income
305 b	Banking & Finance - II Term I	1	Identify[L2:Understanding] Indian Banking system- Institute, Markets, Instruments



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		2	Identify[L2:Understanding] Indian Money Market- Meaning, Structure , Functions , Institute,& reforms
		3	Identify[L2:Understanding] Indian Capital Market- Meaning, Structure , Functions , Participants & reforms
		4	Identify[L2:Understanding] Foreign Exchange Market- Meaning, , Functions , Participants & exchange risk management
	Term II	5	Identify[L2:Understanding] NBFI's- meaning, types, functions of - lease finance mutual funds, housing Finance
		6	Identify [L2: Understanding] Working & progress of-IFCI, SIDBI. SFCs, NSSIDC & mudra bank
		7	Identify[L2:Understanding] Investment Institution- Organization , working & functions of-UTI, LIC, GIC, post office
		8	Identify[L2:Understanding] regulatory Institution- Organization , working & functions of-SEBI, IRDA,PFRDA
305 e	Cost & Works Accounting-II Term I	1	Recall[L1:Remembering] Overheads- Meaning, Classification
		2	Identify[L2:Understanding] Accounting of Overhead -theory & Practical Problems



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		3	Identify[L2:Understanding] Accounting of Overhead -theory & Practical Problems
	TermII	4	Identify[L2:Understanding] Activity Based Costing -theory & Practical Problems
		5	Identify[L2:Understanding] Method of costing, job Costing
		6	Identify[L2:Understanding] Contract costing Meaning Work Certified, profit on incomplete contract
		7	[L4:Analysing] Process costing- meaning. Features, preparation, job products
		8	Identify[L3:Applying] Service Costing-meaning , cost unit, preparation of cost sheet
305 H	Marketing Management - II Term I	1	Recall[L1:Remembering] Marketing Planning- Meaning, Importance , Types, elements & Process
		2	Identify[L2:Understanding] Social Marketing- Meaning , Responsibilities, impact, & recent trends
		3	[L4:Analysing] Marketing Organization- meaning, Changing role, factors affecting, 7 Types
		4	Identify[L2:Understanding] Marketing strategies- concept, features, meaning, benchmarking



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	Term II	5	Identify[L2:Understanding] Agricultural Marketing -meaning, types Features, types of market
		6	Identify[L2:Understanding] International Marketing -meaning, problems , challenges & scope
		7	Identify[L2:Understanding] Marketing Regulations-importance , relevance, consumer protection act, trade mark act, Indian patent act
		8	Identify[L2:Understanding] Globalisation & Marketing- meaning , features , impact , benefit, [L4:Analysing] Case study of globe marketing
306 B	Banking & Finance - III Term I	1	Identify[L2:Understanding] Laws relating to Banking Act 1949 and Banking Law applicable to Cooperative Banks
		2	Identify[L2:Understanding] Negotiable instrument Act-1881 Definitions, Features, presumptions of negotiable instruments [L3:Applying] difference between Cheque, Promissory Notes
		3	Identify [L2: Understanding] Precautions in payment of customers cheque, duties and rights of paying{. [L5. Evaluating] Forged cheque and Real cheque
		4	Identify[L2:Understanding] Precautions in collecting of customers cheque, duties and rights of collecting banks



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	Term II	5	Identify[L2:Understanding] Relationship between Banker and Customer, Banker as trustee, agent and Debtor and Creditor
		6	Identify[L2:Understanding] Securities for Advances, principles and precautions while advancing
		7	Identify[L2:Understanding] Modes of creating charge, Lien, pledge and hypothecation, [L3:Applying] precautions taken by bankers while creating charge
		8	Identify[L2:Understanding] Steps in project appraisal and recovery measures [L3:Applying] for preparation of project appraisal
305 E	Cost & Works Accounting-III	1	Identify[L2:Understanding] Marginal Costing: Meaning, Concept [L4:Analysing] cost profit volume
		2	Identify [L2:Understanding] Budgetary Control- Definition, Objectives, Procedure, types, Advantages and limitations
		3	Identify[L2:Understanding] Uniform Costing and Inter-firm comparison Meaning, Advantages and limitations
		4	Identify[L2:Understanding] Introduction of MIS System in Costing



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		5	Identify[L2:Understanding] Standard Costing: Definition, Objectives, Procedure, types, Advantages and limitations, [L4:Analysing] Variance Analysis
		6	Identify[L2:Understanding] Farm Costing : Meaning, Features, Advantages and disadvantages
		7	Identify[L2:Understanding] Cost Accounting rules and and Cost Audit, Cost Auditors appointment, rights and duties
		8	Identify[L2:Understanding] legal provisions of Cost Audit [L3:Applying] preparation of Cost Audit Report
305 H	Marketing Management - III Term I	1	Identify[L2:Understanding] Fundamentals of advertising and advertising media, E advertising
		2	Identify[L2:Understanding] Appeals and approaches in advertisement, positive and negative approaches
		3	Identify[L2:Understanding] Brand Approaches- Introduction, Brand Identity, Brand extension [L4:Analysing] Brand Identity Sources
		4	Identify[L2:Understanding] Industrial Marketing : Introduction , types and purchasing practices
	Term II	5	Identify[L2:Understanding] Market Research Meaning,: nature and scope, Types of data [L3:Applying] in Market Research



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		6	Identify[L2:Understanding] Distribution of Management: warehousing, logistics, transportation
		7	Identify[L2:Understanding] Taeget Marketing : Meaning, nature, importance, targeting strategy
		8	Identify[L2:Understanding] Marketing Control; Benefits, techniques, process and Marketing Audit
	M.Com. I Semester I		
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
101	Management Accounting	1	Identify[L2:Understanding] concept of Financial Accounting and its limitations, emergence, advantages
		2	Identify[L2:Understanding] concept of Marginal Costing, its applications, different techniques of managerial cost accounting
		3	Identify [L2: Understanding] the concept of budget and budgetary control, types of budgets and preparation of functional budgets in and organization.
		4	Identify[L2:Understanding] concept of Working Capital Management, determination, components of working capital,



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

			Identify[L2:Understanding]
102	Strategic Management	1	Identify[L2:Understanding] the concept and the process of Strategic Management
		2	Identify[L2:Understanding] External and Internal Business Environment for effective Strategy [L4:Analysing] of Strategic analytical skills and to design an effective Strategic Plan
		3	Identify[L3:Applying] for effective plan , implementation and evaluation of alternatives
		4	Identify[L3:Applying] Technical and Analytical abilities, Analytical and Managerial Abilities for critical evaluation
113	Production and Operation Management	1	identify[L2:Understanding] the inherent conflict of interest in many business decisions Production and Operation Management
		2	Identify[L2:Understanding] the scope and Process of Supply Chain Management and various career opportunities
		3	Identify[L3:Understanding] Production Planning and Control, Product Design and Development
		4	Identify[L2:Understanding] importance of Total Quality Management , emerging issues in Production and operation Management



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114	Fundamentals of financial analysis and control	1	Identify [L2: Understanding] Financial Management and · Financial System of India.
		2	Identify [L2:Understanding] Financial Statements and [L3:Applying] the Financial Statements
		3	Identify [L3:Analizing] Investment Decisions the Capital Budgeting Techniques
		4	Identify [L2:Understanding] meaning and nature of Working Capital and formulate Credit and Collection policy
	M.Com. I (Semester II)		
201	Fundamentals of financial analysis and control	1	Identify [L2: Understanding] basics of financial analysis.
		2	Identify [L2: Understanding] practically comparing financial results of different years and different companies.
		3	Identify [L2: Understanding] importance of cash liquidity , cash and fund flows in an organization.
		4	Identify [L3: Applying] Skill of appropriate use of different ratios and the financial performance of entities.



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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

202 A	Industrial Economics	1	Identify [L2:Understanding] Overview of industrial economics and the concepts used in industrial economics
		2	Identify [L2:Understanding] the theories of industrial location and industrial imbalance in India
		3	Identify [L2:Understanding] about industrial productivity and efficiency
		4	Identify [L2:Understanding] industrial finance and its sources and problems of small and micro industries in India
213	Business Ethics & Professional Values	1	Identify [L3:Applying] established methodologies of solving ethical problems, significance of Professional Values
		2	Identify [L3:Analizing] of Corporate Governance and Value Based Management
		3	Identify [L2:Understanding] unethical issues in Finance, Marketing, IT, HRM and at workplace
		4	Identify [L2:Understanding] environmental issues and its impact on Business and Sustainable Development
214	Elements of Knowledge Management	1	Identify [L2:Understanding] Conceptual Skill and Improving analytical Ability



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		2	Identify [L2:Understanding] Tools and Techniques , Concepts, meaning, Types
		3	Identify [L2:Understanding] Finance, Marketing and E Commerce and Total Quality Management
		4	Identify [L2:Understanding] Meaning , Nature , Scope and knowledge strategy, knowledge Engineering and IT based Services

	M.Com.II Semester III		
Course Code	Course Name	Course Outcomes	After successful completion of course student will able to
301	BUSINESS FINANCE	1	Identify [L2:Understanding] the role and importance of corporate finance, and learn the calculation value of money
		2	Identify [L2:Understanding] financial planning, theories of capitalization and estimation of finance need of firm.
		3	Identify [L2:Understanding] learn the sources of finance to be tapped for running business successfully.
		4	Develop [L3:Applying] best practice in working capital management.



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302	RESEARCH METHODOLOGY FOR BUSINESS	1	Identify[L2:Understanding] External and Internal Business Environment for effective Strategy [L4:Analysing] of Strategic analytical skills and effective Strategic Plan
		2	Identify[L2:Understanding]concept and techniques of Research Problem various aspects and methods of testing of Hypotheses , [L3:Applying] the nature of Research design and Sampling
		3	Identify[L2:Understanding]method of data collection and formulating questionnaire
		4	Identify[L2:Understanding] types and structure of Research Report,citation and bibliography
314	Organizational Behaviour	1	Identify[L2:Understanding] meaning,definition and concepts of OB,well acquainted organizational environment,technology and structure
		2	Identify[L2:Understanding] Networks and designs followed in OB,Organizational Culture,concept Personality,Outcomes from Job Satisfaction
		3	Identify[L2:Understanding] meaning and Types of Motives ,theory of Vroom's Expectancy,Concept and characteristics of Emotional Intelligence
		4	Identify[L2:Understanding] meaning and Causes of Stress ,Conflict,Concept and,Types of Group and Team building



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313	Human Resource Management	1	Identify[L2:Understanding] meaning, definition and concepts of HRM functions and challenges of HRM in changing scenario of the business,career employees,
		2	Identify[L2:Understanding] objectives of HRP ,development., find the need and estimation of HRP and development, recruitment and selection process
		3	Identify[L2:Understanding] meaning and Purpose of Training, Importance, Benefits, Training process and methodology ,training and aids meaning and benefits of Competency mapping ,methods of performance appraisal,Merit Rating
		4	Identify[L2:Understanding] meaning and concept of retirement, resignation, discharge, dismissals, concept of E-HR, benefits,new trends in HRM,technology HRM,Virtual Work,Artificial Intelligence
	M.Com. II Semester IV		
401	Capital Market and Financial Services	1	Identify[L2:Understanding] the importance and working of capital Market
		2	Identify[L2:Understanding] the working of BSE and NSE, and OTCEI in detail, Functions of Primary Market and Secondary Market



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		3	Identify[L2:Understanding]the role of inter-mediatories, Mutual funds. Portfolio management
		4	Identify[L2:Understanding] the role of SEBI in regulating stock exchanges and investors educations and financial advisors
402	Industrial Economic Environment	1	Identify[L2:Understanding]Economic Environment Constituents & its elements of Economic & Non-Economic Environment
		2	Identify[L2:Understanding]changes in Industrial growth and pattern after 1991, Industrial Growth Pattern Since 8th Plan and Public Sector industries –Role, Problems and Present
		3	Identify[L2:Understanding] features of industrial policies of Government of India since independence and Recognizing progress & performance of SEZ in India
		4	Identify[L2:Understanding] progress & problems of major industries in India.
413	Recent Advances in Business Administration	1	Identify[L2:Understanding] Change management – Concept, Significance. Managing change-Important features, Principles
		2	Identify [L4:Analysing] the challenges before cutomer centeric organizationan and way to measure the success of customer centric company



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		3	Identify [L2:Understanding] concept and significance of Global Management and Current Trends in acquisitions & mergers on national & international scenario
		4	Identify [L2:Understanding] Turn around Management - Concept & Significance, Techniques prerequisite for success, Role of Government and Private Institutions in promoting innovation