

Programme outcomes

B.A.

The Students after doing BA are expected to go for admission to various Post graduate programmes like M.A. in various disciplines, post graduate diplomas like P.G.D.C.A., to compete in various competitive exams like HPAS, IAS, IPS, IRS etc. The students can do B.Ed. for getting job as TGT (Arts)

B.Sc.

After doing B.Sc. the students are expected to go for admissions to various post graduate programmes like M.Sc. in Physics, chemistry, mathematics, Botany, and Zoology. They can also go for post graduate diploma courses like P.G.D.C.A etc. They can go for M.B.A., M.C.A. also. They can also compete in various competitive exams like HPAS, IAS, IPS, IRS, IFS and Banking sector. The students can do B.Ed. for getting job as TGT (Science)

B.Com.

The students after doing B.Com. are eligible for admission to for Post graduate programme M.Com. They can also go for post graduate diploma courses like P.G.D.C.A etc. They can go for M.B.A., M.C.A. also. They can also compete in various competitive exams like HPAS, IAS, IPS, IRS, and Banking sector. They can apply for jobs in various accounts departments in private and public sector. They can also go for CA , CMA, ICWA, CS courses.

B.C.A.

B.C.A programme will help the students to improve their computer literacy, their basic understanding of operative systems and a working knowledge of software commonly used in academic and professional environments. They can develop criteria to organize and present different type of works in academic and professional environments. Learn how to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software. The students can go for M.C.A. and then Ph.D.to opt a career in teaching as assistant professor in various technical and other institutes.

B.B.A.

BBA is just an entry level management course. After completion of BBA students are eligible to apply in govt job as well as private jobs. Various private sector options are: A management graduate can easily join in IT company, Financial organization, Banks, Retail store, Real estate industries. Govt sector options are: students have to first qualify an exam in UPSC, SPSC, SST, Banking sector, postal department and telecom sector of India. If they have skills then can become IAS officer and IPS officer. Third option is they can choose self-employment in which they can open food outlet, consultancy firm, social media marketing firm, and website Mgt firm. They can also go in defence sector i.e air force, army, Navy etc. The students can go for M.B.A. and then Ph.D. to opt a career in teaching as assistant professor in various management, technical and other institutes.

M.Com.

The students may go for research degrees of M.Phil. and Ph. D. They can join courses like CA/ICWA. They can appear in exams like SLET and NET etc. and choose career in teaching as assistant professors in colleges and universities. Then can do B.Ed. and opt teaching jobs as PGTs in Schools. The programme enables the students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts.

M.A. (English)

The students may go for research degrees of M.Phil. and Ph. D. They can appear in exams like SLET and NET etc. and choose career in teaching as assistant professors in colleges and universities. Then can do B.Ed. and opt teaching jobs as PGTs in Schools. This programme helps the students to learn the evolution of language, and enhances their critical thinking. They come to know about different literary periods and writings written by different sections of people (gender, racial, and ethnic minorities). Learning of literature helps in the interface between various cultures and traditions all over the globe.

Programme Specific outcomes

B.A.

1. Students develop an understanding of Concepts, theoretical frameworks, perspectives and methods of inquiry.
2. Students are trained to think rationally and critically.
3. Students learn to appreciate diversity and develop cultural sensitivity.
4. Recognition of self as an individual with strengths and weaknesses.
5. Students imbibe human values and become responsible citizens.
6. Eligible candidates for admissions to post-graduate programs/Research/further studies.

B. Sc.

1. The students gain the knowledge of systematic observations, model making, theoretical predications thereby understanding various phenomena in nature.
2. To make the students think critically and to use appropriate concepts in problem solving.
3. To enhance the skills of the students to be innovative.
4. To provide the students skills to design and construct instruments and make them research oriented.
5. To make students sensitive to their surrounding and social issues, through field work and projects.
6. To develop Ability in students to meet challenges and equip them to be competent.
7. To develop a qualitative and quantitative approach in the students.
8. To provide hands on experience to the students on sophisticated instruments and programming skills.

B.Com.

1. The program will enable students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts.
2. Students will be able to communicate effectively both in terms of business as well as social interaction.
3. The program will encourage entrepreneurship spirit among students and encourage them to participate effectively in social, commercial and civic issues ultimately leading to national development.
4. The program will develop the ability to think critically and independently translating into a well-developed personal value system.
5. Students have choices to pursue professional courses such as CA, M.COM, MBA, CMA, ICWA, CS, etc

- 6. Students are able to play roles of businessmen, entrepreneur, managers, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.**

B.C.A.

The programme helps the students to develop the skills to present ideas effectively and efficiently and to

1. do Academic and Professional Presentations - Designing and delivering an effective presentation and developing the various IT skills to the electronic databases.
2. Use the Systems Analysis Design paradigm to critically analyze a problem.
3. Solve the problems (programming networking database and Web design) in the Information Technology environment. Function effectively on teams to accomplish a common goal and Demonstrate professional behaviour.
4. Develop IT-oriented security issues and protocols.
5. design and implement a web page.
6. Improve communication and business management skills, especially in providing technical support.

B.B.A.

1. Students are able to define, analyze, and devise solutions for structured and unstructured business problems and issues using cohesive and logical reasoning patterns for evaluating information, materials, and data.
2. Students are able to conceptualize a complex issue into a coherent written statement and oral presentation.
3. Students are competent in the uses of technology in modern organizational operations.
4. Entrepreneurship and Innovation: Students can demonstrate the fundamentals of creating and managing innovation, new business development, and high-growth potential entities.
5. Business Knowledge: Students can demonstrate technical competence in domestic and global business through the study of major disciplines within the fields of business.
6. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Management practice.
7. Environment and sustainability: Students can understand the impact of the professional solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Individual and team work:** Students can function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
9. **Project management and finance:** Demonstrate knowledge and understanding of the management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. The program will enable students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts.

M.A. English

1. The program will enable students to critically interact with works from different contexts.
2. Study of literature helps the students to interpret and explore relationships from the points of view of different people.
3. The Students also learn what language is and what knowledge of language consists of. This is done with the basic examination of internal organization of sentences, words and sound systems.

M.Com.

1. The program will enable students to critically interact with works from different contexts.
2. Study of literature helps the students to interpret and explore relationships from the points of view of different people.
3. The Students also learn what language is and what knowledge of language consists of. This is done with the basic examination of internal organization of sentences, words and sound systems.

Course Outcomes



Bachelor of Arts

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st Year	History	History of India Host 101	After completion of this course students will be able to understand Ancient Indian History, sources of History, paleolithic, mesolithic and Neolithic cultures, Harappan civilization, chalcolithic cultures, vedic age, Rigvedic age, later vedic age, Iron age, origin of janapads, jainism, Buddhism, Growth of mauryan empire, post mauryan period, sangam age etc most important topic it's allow us the understood our past which in turn allows us to understand our present.
2.	Annual	1st Year	History	History of India Host 101	After completion of this course students will be able to understand Ancient Indian History, sources of History, paleolithic, mesolithic and Neolithic cultures, Harappan civilization, chalcolithic cultures, vedic age, Rigvedic age, later vedic age, Iron age, origin of janapads, jainism, Buddhism, Growth of mauryan empire, post mauryan period, sangam age etc most important topic it's allow us the understood our past which in turn allows us to understand our present.
3.	Annual	1st Year	Pol science	POLS 101 ,102	After completion of this course, students will be familiar with Indian Government and constitution, judicial system, legislature, executive etc. They will learn about politics ,political theory, state, civil society, Liberty, Equality, justice ,rights, relation between democracy n economic growth etc

4.	Annual	1st Year	History	History of India code 102	After completion this course students will be able to understand Ancient History, Gupta period, later Gupta etc History build citizenship, History give us insight into present day problem and help to understand our culture and society
5.	Annual	1st Year	Madhyakallen hindi kavita	BA HIND/103	Students will be able to understand and know the bhaktikaal, the important works of major writers like kaveerdaas, tulsidaas, meerabai, raskhan, biharilal. Students will also be able to understand the various rass used in the poetry and their impact on indian bhaktikavya.
6.	Annual	1st Year	Hindi bhasha or sampreshan AECC-2	BA HIND/104	Students will be well versed in hindi grammar use of noun, pronoun, verb, proverb, tenses, adjectives, antonyme, synonyme, sentence formation. Students is capable to write letters and essays in Hindi by using various grammatical tools they studied.
7.	Annual	1st Year	English Literature -2	ENG DSC 103	<p>Student will acknowledge with the Sufi and Bhakti traditions in literature and their difference.</p> <p>They will also know the writing style of various Sufi and Bhakti poets like Bulla Shah, Mahadeviyakka.</p> <p>Student will be able to understand the politics behind the omission of Urdu words in Hindi language after Independence.</p> <p>Student will also be able to understand the various literary cultures and voices in India after Independence like tribal voices, women voices and dalit voices.</p>
8.	Annual	1st Year	English-1 Core English	ENG CE- 101	<p>Student will be able to understand the values, importance of cultural texts, social issues.</p> <p>Student will be well versed in grammar. This course will also enhance the inherent imaginative capability of students.</p>

9.	Annual	1st Year	Principles of Micro Economics-I,II	ECONA 101	After completion of this course students will be familiar with demand and supply theories of goods, theories of production and cost and different markets. Along with this student will be able to find out what is the demand and supply of goods in market and how equilibrium will be established in different markets.
10.	Annual	1st Year	Principles of Micro Economics	ECONA101	Students are acquainted with micro economics which analyses the market mechanism that enable buyers and sellers to establish relative prices among goods and services. It also analyses market failure, where markets fail to produce efficient results.
11.	Annual	1st Year	Sanskrit Kavya	SKT DSC- 101	In this course student will be familiar with mahakavya Raghuvansham, shishupalvadham, nitishatkam avam and history of Sanskrit kavya Shashtra. Student will learn about the Hindu culture and historical poets.
12.	Annual	1st Year	Sanskrit Gadya Kavya	SKT DSC -201	This course will enrich the students with stories form sukhnapadepad and shivrajvijay. Student will get moral education as well as old Indian customs.
13.	Annual	2nd Year	Literary Currents	Cross ENG DSC 203	Student will be familiar with Indian Writing in English, able to apply critical approach, can identify and understand the writing styles of Indian writers.
14.	Annual	2nd Year	Translation Studies and Principles of Translation	ENG AEEC SEC 205	Student will learn and understand the translation, it's approach, methods, problems of translation. Student will come to know the history of Translation Studies in India, Indian concept of translation - Anuvaad, Rasa, Dhvani, Auchitya.
15.	Annual	2nd Year	Anivarya hindi rachna punj	BA/B COM 201	Students will be familiar with the history of devnagri lipi the various dialects ,originated from devnagri lipi. The scientific and psychological improvements in the language ,students is also competent in typing in hindi by using various fonts and styles available in MS worlds.

16.	Annual	2nd Year	Core course aadhunik hindi kavita	BAHIND/202	Students will be able to understand and identify the alankaar, raas, chhand and language. students will be familiar with modern hindi poets.
17.	Annual	2nd Year	Hindi gadya sahitya	BA HIND/203	Students will be familiar with the basics hindi poetry and novels shorts stories . capable to apply critical approach in literature texts.
18.	Annual	2nd Year	Karyalyi hindi SEC	BA HIND /204	Students will identify the official hindi and will be familiar with drafting noting in hindi language. Students will come to know about use of hindi in official work.
19.	Annual	2nd Year	Anuvaad bigyaan	BAHIND/206 SEC	Students will learn and understand the translation. Role of translation, principle, methods types of translation. Students will come to know the Indian concept of translation.
20.	Annual	2nd Year	History	History of India 1206 to 1707A.D (203)History of India 1707 to 1950AD (204)	After completion of this course student will be able to understand Foundation of sultanate's Delhi, Regional political formation, second Afghan state, socio Religious movement, Foundation of Michal state, Art and Architecture in medieval, origin of Maratha and Sikh, decline of mughal empire,18th century society, economy, polity, and culture, colonial economy, the uprising of 1857,indian Congress, Mahatma Gandhi .. thought, techniques, movements, partiton of India and Indian Constitution. All the topic very important for competitive exams.
21.	Annual	2nd Year	Creative Writing, Book and Media Reviews	ENG AEEC SEC 204	Student will be able to identify and can distinguish various literary forms like poetry, drama, fiction and prose. They will also be able to identify and distinguish various literary terms like plot, character, narrator, theme. Student will understand the technique of writing skills and importance of emphatic presentation in media reviews like books, films and TV.

22.	Annual	2nd Year	History (SEC)	Historical Tourism Hist117. Indian History and Culture Hist 119	All students will be familiar with art and Architecture in India, stupas and temple Architecture, a visit to a Historical site, tourism ... environment and geography, water bodies, social differentiation, communication, cultural Heritage, performing Arts, Fair and Festival of India. They will learn about Indian History and Culture and Historical place
23.	Annual	2nd Year	British Literature	ENG DSC 203	Student will be familiar with British authors like William Shakespeare and Charles Dickens. Student can understand the British writing style in literature, can classify the difference in British and Indian literature, culture and values.
24.	Annual	2nd Year	English Literature - 1	ENG DSC 102	By means of essays, stories and poetry, student will be able to understand the various social evils like discrimination on the basis of caste, color, race, ethnicity. Also they will get familiar with the importance of women empowerment in building the nation.
25.	Annual	2nd Year	English -2 Core English	ENG CE 201	After completion of this course, student will be able to understand the various aspects of English grammar, it's use in English communication. They will also be able to understand the essays, stories and poetry by applying basic grammatical concepts.
26.	Annual	2nd Year	Principles of macro economics-I,II	ECONA 201,202	After the completion of this course students will be familiar with the different aspects of national income in India. And theories of employment and causes of great depression and unemployment in 1930. They will also study the theories of consumptions, saving and investment. Along with this they will be able to solution of problem unemployment and depression, how to calculate the national income in India with different methods.

27.	Annual	2nd Year	Economics of Rural Development	ECONA 204	After teaching of this course, students will be familiar with monetised and non-monetised sector in rural economy and income generation from agriculture sector and rural indebtedness in rural areas. After study this course they will be able to find out the problems of unemployment and rural indebtedness and also will be able to take necessary steps to solve the problems of these current issues.
28.	Annual	2nd Year	Principles of Macro Economics -I,II	ECON201,202	After studying this course, Students will be familiar with the national income of India and GDP. They will also be able to know the theory of employment and role of money in India and India's BOP problems and their solution.
29.	Annual	2nd Year	Sanskrit Natak	SKT DSC201	Students here learn about Abhijananshakuntalan and Pratima Natak. They will know about the different aspects of raass, alankar used in these plays. Students come to know about different human emotions.
30.	Annual	2nd Year	Sanskrit Vyakaran	SKT DSC 202	Students will be familiar with Sanskrit grammar. Students will learn about sangya prakaran, sandhis and karak. Students will be able to write sentences in Sanskrit.
31.	Annual	2nd Year	Ayurveda k Mool Sidhaant	SKT DSC - 205	Students will be familiar with Ayurveda, its use in daily life and charak sahintā.
32.	Semester	3rd Year	Principle of macro Economics -1	Economy 303	Students understand that macro economics study aggregated indicator such as GDP . Unemployment rates . National income. Price indices and the interrelations among the different sectors of the economy to better understand how the whole economy functions. They also develop models that explain the relationship between such factors as national income. Output. Inflation. saving and investment.

33.	Semester	IV th Semester	Principles of Macro Economics-II	ECON 404	After compilation of this course, students will be aware of with the theoretical as well as diagrammatical aspects of Macro economics Indian, theories of Multiplier and accelerator, IS LM Model, theories of Money and Balance of Payment problems. After these theoretical and diagrammatical concepts students will be able to know about different policies of the government(monetary and Fiscal policy) of India.
34.	Semester	IV th Semester	Economy of Himachal Pradesh	Econ 416	After completion of this course students will be aware of theoretical work of Economy of Himachal Pradesh. role of agriculture and industry in H.P. and tourism. After theoretical work students will be able to find out how much income of H.P. comes from agriculture, Industry and tourism
35.	Semester	V th Semester	Rangaalekhavam rangmunch	BA HIND/501	Student will be familiar with Indian plays written by Indian writers, able to understand and identify the writing styles of these playwrights.
36.	Semester	V th Semester	Lok sahitay	BA HIND/503	Students will able know the value and importance of folk literature in hindi. Students will able to understand the folk idioms and phrases , there meaning and use in hindi literature.
37.	Semester	V th Semester	Aadhunik bhartiya sahitya	BAHIND/504	Students will be familiar with the changes in indian hindi literature after freedom, the various novels and plays written during their period of pre independence and their impact on modren india.
38.	Semester	V th Semester	Generic Elective Contemporary India: Women and Empowerment	ENGL - 501	This course is about women empowerment with special emphasis upon the key concepts like sex and gender, feminism, patriarchy.
39.	Semester	V th Semester	Bhartiya Rangshala	SKT AEEC 501	The student will be familiar with history of Indian theatre, it's formation, types. The student will learn about abhinaya and rass. Student will be benefitted with different types of theatres like Rajdarbar Rangmach, Devalaya Rangmanch, Aadhunik Rangmanch, Lol Rangmanch.

40.	Semester	V th Semester	Vyaktitav vikas ka Bhartiya Drishtikon	SKT DSC 602	In this course student will be acknowledge with Shrimad Bhagwad Geeta, it's importance, it's values attached with the society. Student will also know about Upnishads and vedas.
41.	Semester	V th Semester	Sanskrit Chand avam Gayan	SKT GE -503	Student will learn about chand Shashtra and different types of Chand like Gayatri Chand, anustup, basantilika, mandakranta and shrikharni.
42.	Semester	V th Semester	Public Finance	ECONA204	After completion of this course, students will be familiar with government sources of revenue and non-revenue like tax, public expenditure, public debt and deficit finance in India. Students will also be able to find out the role of fiscal policy and monetary policy in India.
43.	Semester	V th Semester	Public finance	ECON505	Students understand that public finance is the study of the role of the govt.in the economy. It is the branch of economics that assesses the govt. revenue and govt. expenditure of the public authorities and the adjustment of one or the other to achieve desirable effect and avoid undesirable ones. The purview if public finance is considered to be threefold: govt.effect on 1) efficient allocation of resources. 2) distribution of income. 3) macroeconomic stabilization.
44.	Semester	VI th Semester	Chhayabadotar hindi kavita	HIND/601	Students will be able to understand and identify the alankaar, raas, chhand and language. Students will be familiar with modern Chayabadotar hindi kavita.
45.	Semester	VI th Semester	Smachaar sankalan lekhan	BA or HIND/602(SEC)	Students will come to know the fundamentals of journalism by the means of newspapers. Students will learn the principles, sources, formation and all the basic techniques required to make an emphatic news.
46.	Semester	VI th Semester	Money and Banking	ECON 609	After completion of this course, students will be aware with the theoretical aspects of money and banking, types of money and capital market and also about different type of commercial banks. Along with this work they will also be able to open their A/Cs in banks. And able to find out nationalised bank in India.

47.	Semester	VI th Semester	Demography	ECON 619	After completion of this course, students will be aware with the theoretical aspects of different theories of population and components of population growth. Now after it they will be able to know about the census of India and H.P. and also about the literacy rate in India and census of SC and ST.
48.	Semester	VI th Semester	Language Literature and Culture	ENGL-601	This paper is based upon modern literature, bhakti literature. It also talks about Dalit literature and insight.

Bachelor of Science

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st Year	Mechanics	PHYS101TH	Learning Outcomes: Upon completion of this course, students will acquire knowledge about fundamentals of mechanics, Newton's laws, concept of centre of gravity and moment of inertia, importance of frictional force in real world problems, advantages of using machines, relativity and effect of forces for different phenomenon when the bodies are in motion.
2.	Annual	1st Year	Environment Science	ENVSAECC002	Learning Outcomes: Upon completion of this course, students will acquire knowledge about about different environmental problems like global warming, ozone layer depletion and different kind of pollutions and their solutions. Student will also gain knowledge about ecosystem, biodiversity and its conservation.
3.	Annual	1st Year	Biodiversity	BOTA 101	After completion of this syllabus, student will familiar with lower plants like algae, fungi, bryophytes, pteridophytes and gymnosperms. Beside this they will be also well familiar with viruses and bacteria. They will be also familiar with the practical knowledge of all these plant groups. Which will be beneficial for then in different competitive exams and also serve as backbone for further higher classes

4.	Annual	1st Year	Plant ecology and Taxonomy	BOTA 102	<p>The study if this subject will enable the students to understand the intricate connections between all the living and non-living components of the living world. They will also be able to estimate various technical factors of the ecosystem.</p> <p>In Taxonomy they will able to identify plants on the basis of various keys used in the field of Taxonomy.</p>
5.	Annual	1st Year	Animal diversity	ZOOL 101 TH	<p>After going through this course, students got to know about various kinds of animals along with different mechanisms they adapted for their survival. Their classification reveals them how diverse animals are.</p>
6.	Annual	1st Year	Zoology	Zool 102 TH	<p>By comparing different organisms with respect to their physiology students will be familiar with their metabolism and how particular organ is evolved. They learn how humans and other organisms develop.</p>
7.	Annual	1st Year	chemistry	CHEM 101TH	<p>After completion of this course student will be familiar with the theoretical concepts of chemistry. Role and importance of this course is to provide knowledge about inorganic as well as organic chemistry in research field and it is challenge to make most important concepts and methods understandable to the undergraduate students.</p>
8.	Annual	1st Year	chemistry	CHEM 102TH	<p>After completion of this course student will be familiar with the theoretical concepts of chemistry. Role and importance of this course is to provide knowledge about physical as well as organic chemistry in research field and it is challenge to make most important concepts and methods understandable to the undergraduate students.</p>
9.	Annual	2nd Year	Zoology (physiology and biochemistry)	ZOOL 201 TH	<p>Students get to know about various processes that are occurring in their body. Along with this, various processes and reactions that takes place in their body.</p>

10.	Annual	2nd Year	Zoology (genetics and evolution)	ZOOL 202 TH	Students learn about various genetic processes and mechanisms, mutations and genetic diseases. Along with his they also learn about the evolution of life, and various organisms.
11.	Annual	2nd Year	Zoology medical diagnostic s	ZOOL 203 TH	Students learn about various medical tests and techniques to identify a particular disease. They got to know about latest techniques and equipments used in diagnosis of various diseases.
12.	Annual	2nd Year	Zoology (Apiculture)	ZOOL204 TH	Students learn about rearing of honey bees along with their biology. They got to know about various uses of honey bee products such as honey, bee wax, propolis, bee venom etc. They got to know about various entrepreneurship programmes of this field.
13.	Annual	2nd Year	Basic instrumentation skills	PHYS206TH	<p>Learning</p> <p>Outcomes:</p> <p>Upon completion of this course, students will acquire knowledge about the functioning of electronic voltmeter, CRO (cathode ray oscilloscope), DSO (digital storage oscilloscope), signal generator, impedance bridges and other digital instruments which are required to measure current, voltage and resistances.</p>
14.	Annual	2nd Year	chemistry	CHEM 201TH	After completion of this course student will familiar with theoretical aspects of chemistry, role of chemistry in research field and in industries also. Along with theoretical concepts this course will also make the students Competent in developing some basic skills and practical knowledge.
15.	Annual	2nd Year	chemistry	CHEM202TH	After completion of this course student will familiar with theoretical aspects of chemistry in research field and in industries also. Role of chemistry and it's importance in the field of chemical engineering. This course also makes the students Competent in developing some basic skills of chemistry in research field and in industries also.

16.	Annual	2nd Year	chemistry	CHEM 203	After completion of this course student will familiar with theoretical aspects of chemistry in research field and in industries also. Role and importance of this skill enhancement course is to improve skills of students in the field of chemistry and specially in the field of industrial chemistry.
17.	Annual	2nd Year	chemistry	CHEM 204	After completion of this course student will familiar with theoretical aspects of chemistry in research field and in industries also. Role of chemistry and it's importance in research field is significant. Along with these theoretical concepts the skill enhancement course improves the basic knowledge of industrial chemistry and skills of students in the field of chemistry.
18.	Semester	IV th Semester	Chemistry of Main group Elements, Theories of acids and Bases	CHEM DSE 604	The students will learn about various theories of acids and bases. They will acquire knowledge about the compounds of the noble gases. They will become familiar with the chemistry of s-block and p-block elements.
19.	Semester	V th Semester	Polymer Chemistry	CHEM DSE 501	After studying this course the students will acquire theoretical and practical knowledge about history of polymers; various polymerisation processes; kinetics of polymerisation; determination of molecular weights of the polymers; crystallisation and crystallinity in polymers; Mechanical, thermal and flow properties of the polymers; Polymer solutions and preparation, properties and applications of commercial polymers.
20.	Semester	V th Semester	Chemical Tech. & Society and Bus. Skills for Chemistry	CHEM SEC 503	After studying this course the students will acquire basic knowledge about chemical technology such as chemical reactors, distillation columns, extruders, pumps and mills. Students will learn to explore societal and technological issues from chemical perspective. They will know about the business basics and importance of chemistry in industry. They will also learn about intellectual property and patents.

21.	Semester	V th Semester	Linear Algebra	MATH503TH	<p>After completion of this course students will be familiar with the basic concepts in linear algebra like vector spaces, quotient spaces, linear independence, basis and dimension of vector space, linear transformations, concepts related with linear transformations like null spaces , range spaces, matrix representation of linear transformations, isomorphism, invertible linear transformations etc.</p> <p>Along with above theoretical concepts this course will help the students to understand applications of linear algebra in various fields like engineering, economics, in computer science etc.</p>
22.	Semester	V th Semester	Probability and Statistics	MATH504TH	<p>After the completion of this course students will become familiar with the basic concepts like random experiment, sample space, axiom of probability, random variable and probability distribution for random variable, moments of random variable about mean and about origin, uniform distribution of discrete and continuous random variable, normal distribution, and distribution of two dimensional random variable.</p> <p>With this conceptual knowledge students will understand to apply probability in general life like medical decisions, weather forecasting etc</p>
23.	Semester	V th Semester	Economic Botany and biotechnology	BoTA 501	<p>The practical and theoretical utility of various plants in all the various aspects of life i.e. on medicine, agriculture will be introduced to the students. Biotechnology is the field of tomorrow and plant biotechnologies miracle will be Targeted to the students in this part of the paper. Students will be familiarized with theoretical Knowledge of various techniques in molecular biology e.g. DNA fingerprinting, RFLP, RAPD, and various other tissue culture techniques</p>

24.	Semester	V th Semester	Economic Botany and biotechnology	BoTA 501	The practical and theoretical utility of various plants in all the various aspects of life i.e. on medicine, agriculture will be introduced to the students. Biotechnology is the field of tomorrow and plant biotechnologies miracle will be Targeted to the students in this part of the paper. Students will be familiarized with theoretical Knowledge of various techniques in molecular biology e.g. DNA fingerprinting, RFLP, RAPD, and various other tissue culture techniques
25.	Semester	V th Semester	Ethnobotany	BOTA 505	The course intends to teach students the various forms in which plants were used by the ancient people. The special emphasis will be on the plants used as medicine by the tribals and various categories of rare plants which should be preserved as soon as possible
26.	Semester	VI th Semester	Pesticide Chemistry & Pharmaceutical Chemistry	CHEM SEC 604	This course will help the students to become familiar with synthesis and uses of many commonly used pesticides such as DDT, Gammoxene, malathion, parathion, carbofuran, chloranil and alachlor. They will learn about the development and design of the pharmaceutical drugs. The students will acquire knowledge about the production of ethyl alcohol, citric acid, antibiotics, amino acids and vitamins by fermentation method.
27.	Semester	VI th Semester	Complex Analysis	MATH602TH	After completion of this course students will be familiar with the algebra, geometric and topological structure of complex number field, complex valued function of complex variable and its limit, continuity and differentiation which will help them to understand the concept of analytic function. By understanding the concept of differentiation and integration of complex valued function of complex variable students will be able to find contour integration by use of which they can find complicated real line integration by using residue calculus.

विद्यया अमृतमश्नुते

अम्ब, जिला ऊना (हिप्र०)

28.	Semester	VI th Semester	Transportation and game theory	MATH605TH	After completion of this course students will be familiar with the theoretical and practical aspects of transportation problems, assignment problems. By understanding transformation problems and its mathematical formulation students will understand to minimize the transportation cost or to maximize revenue of transportation. Further by understanding assignment problems and its mathematical formulation will understand that how to assign number of jobs to equal number of persons or machines at a minimum cost.
29.	Semester	VI th Semester	Cell and Molecular Biology	BOTA 601	Every student of Biology knows that a cell is the basic unit of all life on Earth. By the end of this course students will understand the structural and functional organization of living beings. Beside this they will also be familiar with various techniques used in molecular biology in recent days
30.	Semester	VI th Semester	Mushroom Cultivation Technology	BOTA 605	Mushroom are an important source of protein, mineral and vitamins. They are also in demand as they are delicious, therefore this course seeks to develop a skill in the students so they can cultivate mushrooms as a form of self employment
31.	Annual	3rd year	Polymer Chemistry	CHEM 305TH	On completion of this course, the students will know about history, nomenclature, functionality and its importance, kinetics of different polymerizations, Polymerization techniques, Morphology of crystalline polymers, structure-property relationship of polymers, determination of molecular weight of polymers, WLF equation, Free volume theory, Polymer solutions, Flory Huggins Theory, Properties of Polymers (Physical, thermal, Flow & Mechanical Properties). Conducting polymers and brief introduction to some polymers. Practically students will know how to synthesize and characterize the polymers.
32.	Annual	3rd year	POLYNUCLEAR HYDROCARBONS, DYES, HETEROCYCLIC COMPOUNDS AND SPECTROSCOPY (UV, IR, NMR)	CHEM 304TH	On completion of this course, the students will know about synthesis and reactions of some polynuclear hydrocarbons, Colour and constitution [electronic concept], classification of synthetic dyes. Chemistry of Heterocyclic compounds like pyrrole, furan, thiophene & pyridine, indole, quinoline & isoquinoline. They will also learn application of UV, NMR and IR Spectroscopy to Simple Organic Molecules. Practically they will know how to separate mixture by chromatography, How to

				prepare inorganic complexes and to measure their conductivity and how to apply colorimetry to determine concentration of coloured compounds in the solution.	
33.	Annual	3rd year	CHEMICAL TECHNOLOGY & SOCIETY and BUSINESS SKILLS FOR CHEMISTRY	CHEM 307	On completion of this course the students will know about chemical technology. They will know about basic principles of distillation, solvent extraction, solid-liquid leaching and liquid-liquid extraction, separation by absorption and adsorption. They will also know about reactors, distillation columns, extruders, pumps, mills, emulgators and scaling up operations in chemical industry. They will know about exploration of societal and technological issues from a chemical perspective. They will know what is the importance of Chemical and scientific literacy. They will know about Business Basics and importance of Chemistry in Industry, Current challenges and opportunities for the chemistry-using industries, role of chemistry in India and global economies. They will also know how to make money by studying financial aspects of business with case studies. They will also know Concept of intellectual property and patents.
34.	Annual	3rd year	PESTICIDE CHEMISTRY & PHARMACEUTICAL CHEMISTRY	CHEM 308	On completion of this course the students will know about pesticides (natural and synthetic), their benefits and adverse effects, changing concepts of pesticides and structure activity relationship. They will know about synthesis and technical manufacture and uses of representative pesticides like DDT, Gammexene, Malathion, Parathion, Carbofuran and carbaryl, Chloranil), Alachlor and Butachlor. They will also know about Drugs & Pharmaceuticals, Drug discovery, design and development; Basic Retrosynthetic approach. Synthesis of the representative drugs of the following classes: analgesics agents, antipyretic agents, antiinflammatory agents (Aspirin, paracetamol, Ibuprofen); antibiotics (Chloramphenicol); antibacterial and antifungal agents (Sulphonamides; Sulphanethoxazol, Sulphacetamide, Trimethoprim); antiviral agents (Acyclovir), Central Nervous System agents (Phenobarbital, Diazepam), Cardiovascular (Glyceryl trinitrate), antileprosy (Dapsone), HIV-AIDS related drugs (AZT- Zidovudine). The students will learn about aerobic and anaerobic fermentation and Production of Ethyl alcohol and citric acid,

Penicillin, Cephalosporin, Chloromycetin, Streptomycin, Lysine, Glutamic acid, Vitamin B2, Vitamin B12 and Vitamin C.

Bachelor of Commerce

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st Year	Financial accounting	BC 1.1	Student will get knowledge about accounting process and accounting for hire purchase business, consignment and partnership units
2.	Annual	1st Year	Paryojanmoolak hindi course	BA/BCom Core HIND101	Students is capable to write letters and essays in hindi by using various grammatical tools they studied. Students will be well versed in hindi grammar. Use of antonyms synonym, sentence and noun ,pronoun.

3.	Annual	1st Year	Business Organisation and Management	BC 1.2	After completion of this course students will be familiar with the application of Management theory in every field where group of persons will work together, principles of Management, 5 needs of a human being for which he does more efforts to fulfilling them which were given by Abraham Maslow, After studying the merits and Demerits of different forms of organisation students will take decision very easily regarding the investment of their fund in particular form of organisation in future whenever they will choose doing Business as a career. Along with, this students will know very well different sources of finance for efficiently run their business in the society.
4.	Annual	1st Year	Business Law	B.C-1.3	The purpose of this course is to familiarize the students with The Indian contract act 1872, Specific contracts, The sale of goods act 1930, The negotiable instrument act,1881 and Partnership act
5.	Annual	2nd Year	Company Law	B.C-3.1	Object of this course is to impart basic knowledge of the provisions of Companies Act 2013
6.	Annual	2nd Year	Corporate Accounting	BC-2.4	The main object of this study is to know the students basic concept of accounting of share, Debenture, valuation of goodwill and share, amalgamation of companies.
7.	Annual	II nd Semester	E-Commerce	BC 2.6	After completion of this course, student will be familiar with the theoretical aspects of E-Commerce, Various Penalties and adjudication for Cybercrimes, Various E-payment systems their working and significance in E-Commerce. Along with these theoretical concepts this course will also make the students competent in developing some basic webpages by using HTML.
8.	Semester	IV th Semester	E-Commerce	BC 4.4	After completion of this course, student will be familiar with the theoretical aspects of E-Commerce, Various Penalties and adjudication for Cybercrimes, Various E-payment systems their working and significance in E-Commerce. Along with these theoretical concepts this course will also make the students competent in developing some basic webpages by using HTML.
9.	Semester	IV th Semester	Fundamental of financial management	BC5. 2(a)	Students will able to get knowledge how to manage finance and help to take investment, finance and dividend decisions

10.	Semester	IV th Semester	Fundamental of Investment	B.C 6.2 c	In this course students knows the concept of the Investment Environment, Fixed income Securities, Approaches to Equity Analysis, Portfolio and Financial analysis and Investor Protection.
11.	Semester	V th Semester	Principle of Micro Economics	B.C5.4	Students understand that micro Economics is, in fact, a microscopic study of the economy. It is like looking at the economy through a micro scope to find out the working of markets for individual commodities and behaviour of individuals consumers and producers.
12.	Semester	V th Semester	Principles of marketing	BC 5.1	After completion of this course, students will be familiar with the scope and importance of marketing and marketing mix, consumers behaviour, market segmentation, product decision, branding, packaging, pricing decision, channel of distribution, promotion decision and promotion mix. This course will make the students competent in developing strategies for competitive market.
13.	Semester	VI th Semester	Indian economy	B.C 3.8	After completion of this course students will be aware with the theoretical aspects of Indian economy, role of planning, growth of different sectors in economy and rising and falling rates of inflation and unemployment. They will be also able to make solutions of these daily life problems relating to unemployment and inflation.

● विद्यया अमृतमश्नुते ●

अम्ब, जिला ऊना (हि०प्र०)

Master of Arts (English)

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Semester	2nd Year	Growth and Structure of English language	Course8	Students come to know about the growth of English Language. They also understand how speech sounds are used to create meaning and how the words are formed.
2.	Semester	2nd Year	Modern Fiction	Course7	Students understand the relevance of modern novel and they also come to know that as novel meets the needs of modern day, it has taken the place of poetry, which reigned supreme in earlier ages. They also come to know the characteristics of modern novel.
3.	Semester	I st Semester	History of English literature from Chaucer to 1800	Paper 1	Students will come to know about the origin of English as a language its history and changes that occurred. Origin of various genres of literature like drama, novel, essays students would also come to know about the evolution of poetry, drama and essay under various ages
4.	Semester	I st Semester	Shakespeare and his Contemporaries	Course - 3	Drama is mode of fictional representation through dialogues and performance. It is a literary genre, form designed for theatre. In the concern course student will learn about history of English drama from 11th century onwards.
5.	Semester	I st Semester	Poetry from Chaucer to Pope	Course-2	Students are taught Chaucer's Prologue to the Canterbury Tales, John Donne, Milton's Paradise Lost, Alexander Pope's Rape of the Lock.
6.	Semester	II nd Semester	Romantic and Victorian Poetry	Course-6	In this course student will be able to experience William Blake's mystical world and romanticism of Wordsworth, Coleridge and Keats.
7.	Semester	III rd Semester	Modern British and American Poetry	Course-10	Poetry is a type of literature based upon the interplay of words and rhythm. Students are taught rhyme and metre and how words are strung together to form sounds, images and ideas that might be too complex to described directly.
8.	Semester	IV th Semester	Contemporary Literary Theory	Course13	Students come to know about the various theoretical approaches in literature. They also come to know about the various methods and ideas which we use in practical reading of

literature. They understand how texts can be studied from a new and different perspective.

9.	Semester	IV th Semester	Indian Writing in Translation	Course-16	In this course students will come across with translated works of Kalidas' Abhijananshakuntalan, Bhasham Sahni's Tamas, U.R. Anthamurthy's Samskar, Mahashweya Devi's Rudali.
----	----------	----------------	-------------------------------	-----------	---

Master of Commerce (M.Com.)

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Semester	I st Semester	Business Organizations and management	MC 1.1	The main object of this study is to know the students basic concept of management process, organizational behaviour and organizational change and development.
2.	Semester	1st Year	Business environment	MC 1.2	Students able to know about external internal factors which relate to business. Also help to Draw all influences over business. Study about all international organisation.
3.	Semester	II nd Semester	Corporate Financial Accounting	MC 2.1	This subject concern with basic concept of companies accounting.
4.	Semester	II nd Semester	Financial Management	MC 2.2	This subject concern with basic concept of finance, capital budgeting, capital structure and Dividend policy.
5.	Semester	3rd Year	Advance cost accounting	MC 3.2	Help the student to fix the selling price of product. Inventory control techniques and overhead cost control to creat cost effectiveness into business to take competitive advantage
6.	Semester	III rd Semester	Corporate legal Framework	MC 3.3	This subject concern with basic concept of companies, types of companies, auditing concept, director appointments and winding of companies.

7.	Semester	3rd Year	Strategic management	MC 3.4	Help the student to know about strategic management for business units. Style to use business tactics to Get competitive advantage for business
8.	Semester	III rd Semester	Computer Applications In Business	MC 3.5	<p>After completion of this course, student will be familiar with the basic knowledge of Modern Information Technology. Student will able to understand Microsoft Windows environment.</p> <p>Student will able the use of various application software used under Windows environment. The student will also familiar with the introduction and working with various application software comes under MS-Office like MS-Word, EXCEL and PowerPoint. They also attain the basic knowledge of Tally ERP software and will competent in maintaining accounting book on Tally and analysis the financial statement and reports generated through Tally and various other Statistical Packages Useful in Business like SPSS.</p>
9.	Semester	III rd Semester	Research Methodology	MC 3.5	This subject concern with research problem, developing a research design and developing scales to measure response. Data processing and data analysis have been covered adequately.
10.	Semester	IV th Semester	Security analysis and Portfolio Management	MC 4.2	This subject concern different aspects of introduction to security analysis and Portfolio management, Risk and return, portfolio management, technical analysis and Tax planning.
11.	Semester	IV th Semester	Risk Management	MC 4.4	This subject concern different aspects of the subject such as risk and types of risk, risk management risk management in banks, credit management, option, swaps and value at risk.
12.	Semester	IV th Semester	E-Commerce	MC 4.5	After completion of this course, student will be acquainted with the basics of E-commerce, various computerized tools and their applications in E-commerce. Student will also familiar with E-Banking concepts and various modes of fund transfer and e-payment used in E-Commerce. Student will able to understand the working of Search Engine and the significance of Search Engine optimization in e-commerce. Student will also be able to understand the

					role and importance of IT Act in E-commerce, various Penalties and adjudication for cybercrimes. Student will competent in Enterprise Resource Planning, and able to conduct the online research.
13.	Semester	1st Year	Statistical analysis for Decision Making	MC-1.4	The main object of this study is to know the students' basic concept of statistics, probability, theoretical distribution.

Bachelor of Business Administration (BBA)

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcomes
1	Semester	I st Semester	Statistics for business decision	BBA103	After completion of this course students will be familiar with statistical tools of arranging data. For this they will study about measures of central tendency, positional data in which they will know about how to calculate median and mode, in addition to these they will know about the relationship between two or multiple variable for this they will study about correlation and regression.to know about the changes in prices of different commodities with relative to different years they will study index number, for research purposes they will study hypothesis.
2	Semester	I st Semester	Entrepreneurship development	BBA 104	After completion of this course, students will be familiar with the theoretical aspects of Entrepreneurship development, Entrepreneur and entrepreneurship, classification and functions of an entrepreneur, strategic planning for business, form of ownership, franchising, creativity innovation and entrepreneurship, innovation in business, social entrepreneurship, non-profit organizations, family business, family firm, women issue in family business, business plan, preparation of a project, project appraisal, project evaluation and project report Along with these concepts this course will also make the students competent in establishing their own enterprise.

3	Semester	I st Semester	Environment Science	BBA101	<p>After completion of this course, students will be familiar with the theoretical aspects of environmental studies, ecosystem (forest ecosystems, grassland ecosystem, desert ecosystem and aquatic ecosystem), biodiversity and its conservation, natural resources management and conservation, environmental pollution and its management, environment policies and practices, human population and environment and disaster management</p> <p>After studying this course, students will come to know that protection of environment is very important for us.</p>
4	Semester	II nd Semester	Managerial Economics	BBA202	<p>After completion of this course students will will know very well about Economy, how primary sectors I.e agriculture and secondary sector I.e industries play an important role in indian economy, choice of the selection of the business, structure of market like knowledge about perfect competition, monopoly, monopolistic competition, oligopoly, scope of managerial economics, difference between economics and managerial economics.</p>
5	Semester	II nd Semester	Business Ethics and CSR	BBA204	<p>After completion of this course, students will be familiar with the conceptual framework of business ethics, moral issues in business, profit maximisation Vs social responsibility, corporate governance, major corporate governance failures, concept of CSR (corporate social responsibility), issues in corporate social responsibility, CSR models, regulatory framework of governance and role of auditing in corporate governance.</p>
6	Semester	II nd Semester	Business Accounting	BBA203	<p>After completion of this course students will be able to know all the practical aspect of accounting what is being prevailing in the industry and market they are able to analyse the companies final accounts their financial position and financial performance of business besides different accounts maintained by a firm.</p>
7	Semester	II nd Semester	Business Accounting	BBA203	<p>After completion of this course students will be able to know all the practical aspect of accounting what is being prevailing in the industry and market they are able to analyse the companies final accounts their financial position and financial performance of business besides different accounts maintained by a firm.</p>

8	Semester	II nd Semester	Business communication	BCH 2.1	After completion of this course, students Will be familiar with the theoretical aspects of business communication, nature of communication, process of communication, barriers of communication causes, business correspondence (letter writing, presentation, inviting quotation, sending quotation, placing order, inviting tenders, sale letters, notice, agenda, minutes, job application latter preparing the resume), business report writing, vocabulary ,oral presentation, presentation plan, power point presentation and visual aids.
9	Semester	III rd Semester	Macroeconomics	BBA 301	After completion of this course students will get familiar with difference between macroeconomics and microeconomics, Keynes theory of employment ,quantity theory of money in which they will know how supply of money in the market creates inflation ,relation of the price with the value of Money and supply of money, balance of payment in which they will study about current account and component of capital account, ISLM curve in which they will study about how rate of interest affects to investment and savings, foreign exchange reserve, exchange rate, barter system, evolution of Money, kinds of money effects of inflation on debtors, creditors,business .
10	Semester	III rd Semester	Principles of Marketing	BBA 302	After completion of this course students will know about the scope of marketing in Business. today in modern world the best way to survive the business in the society is to satisfy the customers. They will know about the pricing policies, product mix, marketing mix, advertising channel. Whenever a new product is launch in the market then they have the competency to give their suggestion which pricing strategies should be adopt at that time.
11	Semester	III rd Semester	India's Diversity and Business	BBA304	After completion of this course, students will be familiar with the theoretical aspects of India's diversity, regional bases of India's diversity, social diversity in India, socio- culture region, people livelihood and occupational Diversity, traditional livelihoods and their nature, region, occupation and employment, socio-economic challenges, diversity and business, Indian consumers and marketing, diversity and Innovation and workforce diversity and management. By studying this course, students will know how to manage the diverse workforce in business.

12	Semester	IV th Semester	Business Research	BBA401	After the completion of this subject, the students received detailed information about the business / marketing research, types of research and research process, primary and secondary data research, processing of data, presentation of data, attitudes and measurement, sampling plan, measure of average, dispersion and measure of skewness. Along with this, students also came to know how to do research. What are to the ways of doing research.
13	Semester	IV th Semester	Financial Management	BBA403	After completion of this course students will get familiar with the various source of finance, short term, medium term and long term source of finance ,time value of money, capital Budgeting ,capital structure, cost of capital, cash management ,Receivable Management, Re- ordering level, maximum stock level, minimum stock level, cash management, net income approach of capital structure.
14	Semester	IV th Semester	Human Resource Management	BBA402	In this course students will be able to learn about the Human resource which is managed in an organisation. this course will further Be helpful for them in jobs when they join HR Dept. In the organisation where they have to deal with recruitment, selection, training, development, performance appraisal, and all the aspect which are currently deals with every organisation.
15	Semester	IV th Semester	Business Research	BBA401	After the completion of this course students will be familiar with the theoretical aspects of business research, introduction of marketing research, types of research and research process, defining marketing problem and research design, primary data research, secondary data research, processing of data, presentation of data, attitudes and measurement, sampling plan , measures of average, dispersion and measures of skewness, data analysis (Z-test, T- test and F-test), chi-square test and Factor analysis and interpretation and Report writing.
16	Semester	IV th Semester	Tax Planning	BBA404	After completion of this course students will learn that how Tax Planning is an activity conducted by the tax payer to reduce the tax liable upon him/her by making maximum use of all available deductions, allowances, exclusions, etc. feasible under law. it is the analysis of a financial situation from the taxation point of view. The objective behind tax planning is insurance of tax efficiency. Tax planning allows all elements of the financial plan to function in sync to deliver maximum tax efficiency further help them in the jobs of taxation nature

17	Semester	V th Semester	Quantitative techniques for management	BBA501	After completion of this course students will familiar with aspects of formulation of L. P. Problems, graphical solution, simplex method, Big-M method and two-phase method, concept of duality, formulation of transportation problem, solution by north west corner rule, least cost method, Vogles approximation method, Hungarian method, Network analysis problem and game theory using saddle point, dominance rule etc.
18	Semester	V th Semester	H.R.D system and strategy	BBA 503	After completion of this course students will know about the role of Human resources in an organisation, methods and techniques of Training giving to human resources, steps to recruit to H.R ,method of selecting the competent H.R steps to conducting their interview, different parameters of H.R
19	Semester	V th Semester	Training and mgt development	BBA504	After completion of this course students will be familiar with the concepts and practice of training and Development in the modern organizational setting, organization vision and plans, assessment of Training needs, training methods in which include on the job training, job instruction training, apprenticeship, coaching ,simulation methods, vestibule training, experiential methods. Post training in which include training evaluations ,training impact on individuals and organizations .
20	Semester	VI th Semester	Financial institution and market	BBA 602	After completion of this course students will know about the role of financial institution in the field of Business. No business can survive without the support of financial institution. Students will know about the role of commercial Banks, private sector Banks, regional Rural Banks, role of central bank of India I.e. RBI. In addition to these roles of Money market and capital market. Role of Development banks I.e IDBI,SIDBI,IFCI.They can easily know that if anyone want to start its business then they can take loan from above mentioned financial institution. But one must to know that who r the financial institution who can provide loan to them for starting business.

21	Semester	VI th Semester	Performance and compensation Mgt	BBAS 603	After completion of this course students will know about the performance of H.R in an organisation and how is the performance of all employees is rated with comparing to each other's. For this they will study about different methods of rating like 360drgree appraisal, MBO, grading method, pair comparison method, forced distribution methods, along with this information students will be able to understand various method of giving compensation after rating their performance.
23	Semester	VI th Semester	Business policy and strategy	BBA 601	After completion of this course, students will be familiar with the theoretical aspects of business policy and strategy, strategic management process, strategic indent (mission, vision, goal, objective) External environment analysis, Internal analysis, strategic alternatives and strategic analysis and choice. This course will also make the students competent in developing strategies for the success of the business.

Bachelor of Computer Applications (BCA)

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcome
1	Semester	I st Semester	Mathematics-I	BCA0101	After completion of this course students will familiar with aspects of set Theory, relation, quadratic equation it's types and nature of roots, arithmetic progression, geometric progression, binomial theorem, various trigonometric aspects, equation of circle, straight line, differentiation, integration, function, limit and continuity etc.

2	Semester	I st Semester	Applied English	BCA0102	Applied English subject learn the skills, contexts, and ethics of interpreting texts, particularly of the English literary tradition, and of communicating their interpretations through written and oral mediums. Students can: 1. use and understand English structures and conventions 2. analyse language techniques, structures and conventions in order to apply language purposely and effectively.
3	Semester	I st Semester	COMPUTER FUNDAMENTAL	BCA0103	After completion of this course students will know about different generation of the computer, basic anatomy of the computer as well as they are easily identify different input output devices and different memories of the computer
4	Semester	I st Semester	C Programming	BCA0104	Create algorithms to solve simple programming problems. Describe and employ strategies that are useful in debugging. Design, implement, test and debug programs that use calculations and selections. Design, implement, test and debug programs that use loops and arrays.
5	Semester	I st Semester	C Programming Lab-I	BCA0104(P)	Upon completion of this course, students will acquire knowledge about: Able to implement the algorithms and draw flowcharts for solving Mathematical and Engineering problems. Demonstrate an understanding of computer programming language concepts. To be able to develop C programs on linux platform.
6	Semester	I st Semester	Office Automation Tools	BCA0105	After completion of this course students will know about MS office tools like Ms Word, Excel, PowerPoint and MS Dos. They will easily make excel sheets, PowerPoint presentations etc. which are helpful to enhance their skills
7	Semester	I st Semester	Office Automation Tools Lab-II	BCA0105(P)	By learning the course, the students will be able · to perform documentation · to perform accounting operations · to perform presentation skills
8	Semester	II nd Semester	Mathematics -II	BCA0201	After completion of this course students will familiar with aspects of general theorems named Rolle's theorem, legranges theorem, Cauchy's mean value theorem, successive differentiation and application, greatest common divisor, least common multiple, prime factorization, fermat theorem, group and various aspects of ring.
9	Semester	II nd Semester	Communicative English	BCA0202	At the completion of the course the learner will be able to: develop vocabulary and improve the accuracy in grammar. produce words with right pronunciation. Improve LSRW- listening, speaking, reading and writing skills and the related sub-skills.

10	Semester	II nd Semester	Data Structures	BCA0204	Understanding of fundamental abstract data types which can include: Maps, Sets and Vectors. Ability to program data structures and use them in implementations of abstract data types. ... Ability to sensibly select appropriate data structures and algorithms for problems and to justify that choice.
11	Semester	I st Semester	Data Structures	BCA0204	After completion of this course students will be familiar to understand what is a DBMS and what it provides and know when to use files and when to use a DBMS , how data can be encoded and stored in files. Also students will know about MDS access
12	Semester	II nd Semester	Data Structures Lab-III	BCA0204(P)	The course is designed to develop skills to design and analyse simple linear and nonlinear data structures. It strengthens the ability to the students to identify and apply the suitable data structure for the given real-world problem.
13	Semester	II nd Semester	Data Base Management System Lab-IV	BCA0205(P)	Upon completing this course, attendees will be able to: <ul style="list-style-type: none"> · understand how Access is used and how to navigate around it · design a database with lookup tables · create a database structure using Access · modify the structure of an existing table · add records to a new table · add transactional records to a lookup database · work with the records in a database table · sort and filter records in a table · create simple and effective queries · create meaningful reports from tables · create and use forms
14	Semester	III rd Semester	Mathematics -III	BCA0301	After completion of this course students will be familiar to solve and understand ordinary differential equations their order and degree, various methods to solve equations, aspects of complex numbers, algebra of complex numbers and roots of complex numbers, de-moiré's theorem, division algorithms, linear congruence, GCD, LCM, prime factorization, Galois field and application etc.
15	Semester	III rd Semester	Computer Organization	BCA0303	Relate to arithmetic for ALU implementation. Understand the basics of hardware and micro-programmed control of the CPU. Learn about various I/O devices and the I/O interface. Appreciate advancements to architecture like pipelining and superscalar operation.

16	Semester	III rd Semester	Object Oriented Programming with C++	BCA0304	<p>After completion of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1 Understand the difference between the top-down and bottom-up approach 2 Describe the object-oriented programming approach in connection with C++ 3 Apply the concepts of object-oriented programming 4 Illustrate the process of data file manipulations using C++ 5 Apply virtual and pure virtual function & complex programming situations
17	Semester	III rd Semester	Object Oriented Programming with C++ Lab-V	BCA0304(P)	<p>This lab course provides in-depth coverage of object-oriented programming principles and techniques using C++. Topics include classes, overloading, data abstraction, information hiding, encapsulation, inheritance, polymorphism, file processing, templates, exceptions, container classes, and low-level language features by using his or her skills students will easily create little application which are beneficial for their future</p>
18	Semester	III rd Semester	Desktop Publishing and Designing	BCA0305	<p>This is an introductory course that provides students with a basic understanding of the field of desktop publishing. Additional topics may include design, word processing and the use of extra equipment.</p> <ol style="list-style-type: none"> 1. Graphic Communications 2. Layout and Design: This course provides an overview of page layout and design while incorporating other facets, such as typography, colour and the use and placement of images. 3. Printing Technology: Printing processes are an important part of desktop publishing. .
19	Semester	IV th Semester	System Analysis and Design	BCA0403	<p>The student will be able to analyse business problems and develop a requirement° document, written in clear and concise business language. The student will be able to present this document to a business audience. Students will be required to develop and present a Requirements Definition Proposal for a new system in a well-structured business proposal.</p>

20	Semester	IV th Semester	Internet Technology & Web Page Design	BCA0404	After completion of this course students will know about Internet, Growth of Internet, Owners of the Internet, Anatomy of Internet, ARPANET and Internet history of the World Wide Web, basic Internet Terminology, Net etiquette. Clients Server, Addressing in Internet: DNS, Domain Name and their organization, understanding the Internet Protocol Address. E-mail, WWW, Telnet, FTP, IRC and Search Engine Search Engines, WWW, Browser, HTTP, Publishing Tools, HTML Programming Basics HTML page structure, HTML Text, HTML links, HTML document tables, HTML Frames VB Script, JAVA Script
21	Semester	IV th Semester	Internet Technology & Web Page Design Lab-VII	BCA0404(P)	students should be able to: Insert a graphic within a web page. Create a link within a web page. Create a table within a web page. Insert heading levels within a web page. Insert ordered and unordered lists within a web page. Use cascading style sheets. Create a web page. Validate a web page. Publish a web page.
22	Semester	IV th Semester	Programming in Visual Basic	BCA0405	Students list the visual programming concepts. Explain basic concepts and definitions. Express constants and arithmetic operations. Distinguish variable and data types. Students code visual programs by using Visual Basic work environment. Distinguish and compose events and methods. Recognize and arrange control structures. Design a complete program using visual programming concepts. Students
23	Semester	IV th Semester	Programming in Visual Basic	BCA0405 LAB	prepare various projects by helping visual programming. Prepare project in visual programming. Manage and analyse prepared project with programs. Interpret and report obtaining results.

24	Semester	V th Semester	Operating System	BCA0501	A successful student will be able to understand the basic components of a computer operating system, and the interactions among the various components. the policies for scheduling, deadlocks, memory management, synchronization, system calls, and file systems and after knowing that student will easily understand and work on any operating system
25	Semester	V th Semester	eCommerce	BCA0502	After completion of this course students will be familiar about Electronic Commerce Environment and Opportunities, Approaches to Safe Electronic Commerce, Approaches to Safe Electronic Commerce
26	Semester	V th Semester	Management Information System	BCA0503	In MIS, students will understand the leadership role of Management Information Systems in achieving business competitive advantage through informed decision making. ... Effectively communicate strategic alternatives to facilitate decision making.
27	Semester	V th Semester	ASP.net Technologies	BCA0504	This course will cover the practical aspects of multi-tier application development using the .NET framework. The goal of this course is to introduce the students to the basics of distributed application development. We will introduce the students to Web Service development and .NET remoting. Technologies covered include the Common Language Runtime (CLR), .NET framework classes, C#, ASP.NET, and ADO.NET. We will also cover service oriented architecture, design, performance, security, content managements systems and deployment issues encountered in building multi-tier distributed applications.
28	Semester	V th Semester	ASP.net Technologies Lab-IX	BCA0504(P)	At the end of this Lab course students will be able to: 1.Create user interactive web pages using ASP.Net. 2.Create simple data binding applications using ADO.Net connectivity. 3. Performing Database operations for Windows Form and web applications.
29	Semester	V th Semester	Computer oriented statistical methods	BCA0505	After completion of this course students will be familiar to understand frequency distribution, histogram, arithmetic mean, geometric mean,harmonic mean,measures of dispersion, coefficient of dispersion, probability, addition and multiplication theorem, conditional probability, independent event, mathematical exception, expected values of random variable, rank correlation, Karl Pearson 's coefficient of correlation and various application of above topics.

30	Semester	V th Semester	Computer Oriented Statistical Methods	BCA0505	completion of the course students shall be able to:Recognize the error in the number generated by the solution.Compute solution of algebraic and transcendental equation by numerical methods like Bisection method and Newton Rapshon method Apply method of interpolation and extrapolation for prediction.Recognize elements and variable in statistics and summarize qualitative and quantitative data.Calculate mean, median and mode for individual series.Outline properties of correlation and compute Karl-Pearson's coefficient of correlation.
31	Semester	VI th Semester	Computer Network	BCA0601	The course objectives include learning about computer network organization and implementation, obtaining a theoretical understanding of data communication and computer networks, and gaining practical experience in installation, monitoring, and troubleshooting of current LAN systems
32	Semester	VI th Semester	Numerical methods	BCA0602	After completion of this course students will be familiar to understand various numerical methods like bisection method, regula falsi method, newton's rephson 'method which are used to find roots of equations, besides it students will able to understand the concept of guass elimination methods, Jacobi method, interpolation, numerical differentiation, numerical integration their application and methods like trapezoidal rule, Simpson's 1/3 and Simpson's 3/8 rule etc.
33	Semester	VI th Semester	Multimedia Technology	BCA0603	After completion of this course students will be familiar with the theoretical aspect of Multimedia Technologies, and they easily find out different tools available for different purposes and how they will use in different situations like different input and output devices and their working in detail

34	Semester	VI th Semester	Computer Graphics	BCA0604	<p>Upon successful completion of this course, student will be able to</p> <p>explain the core concepts of computer graphics, including viewing, projection, perspective, modelling and transformation in two and three dimensions.</p> <p>apply the concepts of colour models, lighting and shading models, textures, ray tracing, hidden surface elimination, anti-aliasing, and rendering.</p> <p>interpret the mathematical foundation of the concepts of computer graphics.</p> <p>describe the fundamentals of animation, parametric curves and surfaces, and spotlighting.</p> <p>identify a typical graphics pipeline and apply graphics programming techniques to design and create computer graphics.</p> <p>create effective OpenGL programs to solve graphics programming issues, including 3D transformation, objects modelling, colour modelling, lighting, textures,</p>
35	Semester	VI th Semester	Software Engineering	BCA0605	<p>After completion of this course students will be familiar about software and how the software moves between different stages before completion, how a software engineer calculate the cost and do the work in time</p>
36	Semester	VI th Semester	Major Project	BCA0606	<p>On successful completion of the course students will be able to:</p> <ol style="list-style-type: none"> 1. Demonstrate a sound technical knowledge of their selected project topic. 2. Undertake problem identification, formulation and solution. 3. Design engineering solutions to complex problems utilising a systems approach. 4. Conduct an engineering project 5. Communicate with engineers and the community at large in written an oral forms. 6. Demonstrate the knowledge, skills and attitudes of a professional engineer.


Convener IQAC




Principal

Principal
MPG Degree College
Amb Distt. Una (H.P.)
Maharana Pratap Govt. Degree College, Amb