

## Programme outcomes

Programme	Programme Outcomes
B.Com.	<p>(1) PO1: This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements.</p> <p>(2) PO2: After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company.</p> <p>(3) PO3 : Capability of the students to make decisions at personal &amp; professional level will increase after completion of this course. Students will prove themselves in different professional exams like C.A. , C S, CMA, MPSC, UPSC. As well as other courses.</p>
B.A.	<p>PO 1. The students acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.</p> <p>PO 2. The B.A. graduates will be acquainted with the social, economical, historical, geographical, political, ideological and philosophical tradition and thinking.</p> <p>PO 3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.</p> <p>PO 4. The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.</p>
B.Sc.	<p>PO-1: Knowledge: Learners are encouraged to apply the knowledge of mathematics and science fundamentals to various solutions of complex problems. At the end of the program, students are able to gain thorough knowledge in key areas in the subjects offered.</p> <p>(2) PO-2: Problem Analyses: Well equipped with an understanding of the analytical methods involved, they are in a position to interpret and analyze results so obtained from experiments and draw suitable conclusions against their supported data acquired.</p> <p>(3) PO-3: Designing Solutions: Having acquired knowledge of subjects, students are trained to think out of the box, design and conduct an experiment or a series of experiments that demonstrate their understanding of the methods and processes involved</p>

**B.C.A.**

PO 1. B.C.A. programme facilitates the graduates to use and apply current technical concepts and practices in the core computer applications.

PO 2. Identify computer application related problems, analyze them and design the system or provide the solution for the problem considering legal, ethical and societal issues.

PO 3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice .

PO 4. Students learn to work and communicate effectively in interdisciplinary environment, either independently or in team, and demonstrate scientific leadership in academic and industry.

<p><b>B.Voc.</b></p>	<p>PEO1 Provide a judicious mix of skills relating to a profession and appropriate content of general education.</p> <p>PEO2 Ensure that the students have adequate knowledge and skills, so that they are work ready at each exit point of the programme.</p> <p>PEO 3 Provide flexibility to students by means of pre-defined entry and multiple exit points.</p> <p>PEO4 Integrate NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirements.</p>
<p><b>B.B.A.</b></p>	<p>PO1: The basic aim is to impart Knowledge of Business, Management and Emerging Technologies</p> <p>PO 2: Research and Business Intelligence</p> <p>PO3: The major skills they should have by the end of the programme Problem-Solving and Decision Making with Creativity and Innovation</p> <p>PO4: The students will be encouraged to develop Intercultural Competence/Communication and teamwork</p>

<p><b>M.Com</b></p>	<p>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.</p> <p>The programme enables the students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts.</p>
<p><b>MA English</b></p>	<p>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.</p>
<p><b>MA Political Science</b></p>	<p>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.</p> <ul style="list-style-type: none"> <li>➤ Political Literacy: Understanding of the political concepts institutions, processes, constitutional background and policy outcomes of Indian Government and the ability to compare Indian Government to that of other countries around the world.</li> <li>➤ Global Understanding: Understand and analyze key theories and concepts, historical developments, organizations and modern issues in international relations.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Applications of Political Science: Learn to analyze and apply basic political science concepts to current events.</li> <li>➤ Critical and Independent Thinking: Promote critical thinking including the ability to form an argument, detect fallacies, and marshal evidence, about key issues of public policy and politics.</li> <li>➤ Holistic Learning and Evaluation: Appraise the interrelationship among the historical, political, economic, cultural and geographical dimensions in political science.</li> <li>➤ Utility of Political Theories: Explore advanced theories of politics and appraise their importance. Apply that knowledge to the practical tasks.</li> <li>➤ Political and Social Ethics: Become productive citizens dedicated to serving their communities, their nations and the world.</li> </ul>
<p style="text-align: center;"><b>MA Economics</b></p>	<p>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. They can do B.Ed. and opt teaching jobs as PGTs in Schools. The Programme....</p> <ul style="list-style-type: none"> <li>➤ Prepare students to develop critical thinking to carry out investigation about various socio-economic issues objectively while bridging the gap between theory and practice.</li> <li>➤ Equip the student with skills to analyse problems, formulate a hypothesis, evaluate and validate results and draw reasonable conclusions thereof.</li> <li>➤ Prepare students for pursuing research or careers that provide employment through entrepreneurship and innovative methods. Because today's unemployment problem can also be solved by developing the micro and small entrepreneurship</li> <li>➤ Prepare students to develop own thinking /opinion regarding current national or international policies and issues</li> <li>➤ Create awareness to become a rational and an enlightened citizen so that they can take the responsibility to spread the governments'</li> </ul>

	<p>initiatives/schemes to the rural areas for the upliftment of the poor or vulnerable section of the society for inclusive growth</p>
<p><b>MCA</b></p>	<p>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. After doing MCA the students will be able to.....</p> <ul style="list-style-type: none"> <li>➤ Apply knowledge of Computing fundamentals, Computing specialization, Mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.</li> <li>➤ Identify, formulate, research literature, and solve complex Computing problems reaching substantiated conclusions using fundamental principles of Mathematics, Computing sciences, and relevant domain disciplines.</li> <li>➤ Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.</li> <li>➤ Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.</li> <li>➤ Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.</li> <li>➤ Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.</li> <li>➤ Recognize the need, and have the ability, to engage in independent learning for continual development as a Computing professional.</li> <li>➤ Demonstrate knowledge and understanding of computing and management principles and apply these to one's own work, as a</li> </ul>

	<p>member and leader in a team, to manage projects and in multidisciplinary environments.</p> <ul style="list-style-type: none"> <li>➤ Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.</li> <li>➤ Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.</li> <li>➤ Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.</li> <li>➤ Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.</li> </ul>
<p><b>MBA</b></p>	<p>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. Graduates of the Master of Business Administration degree program will be able to:</p> <ul style="list-style-type: none"> <li>➤ Communicate effectively in a variety of formats</li> <li>➤ Identify the key issues facing a business or business subdivision</li> <li>➤ Utilize qualitative and quantitative methods to investigate and solve critical business problems</li> <li>➤ Integrate tools and concepts from multiple functional areas (i.e. finance, marketing, operations, etc.) to solve business problems</li> <li>➤ Evaluate and integrate ethical considerations when making business decisions</li> <li>➤ Incorporate diversity and multicultural perspectives when making business decisions</li> </ul>

**PGDCA**

**The program focuses on the skill enhancement of students in which following skill component are enhanced.**

- To train students in the latest trends of Application Development, Programming Languages and Database Management.
- To enhance their career opportunities in the software development and maintenance sector in the state.
- To expose the students to Open-Source Technologies so that they become familiar with it and can seek appropriate opportunity in trade and industry.
- To give hands on experience to students while developing real life IT application as part of the study.
- To augment the knowledge base of the students, through various activities which will be complementary to the theoretical studies.

## Programme Specific outcomes

Programme	Programme Specific Outcomes
B.Com.	<ol style="list-style-type: none"> <li>1. The program will enable students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts.</li> <li>2. Students will be able to communicate effectively both in terms of business as well as social interaction.</li> <li>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.</li> <li>4. The program will develop the ability to think critically and independently translating into a well-developed personal value system.</li> <li>5. Students have choices to pursue professional courses such as CA, M.COM, MBA, CMA, ICWA, CS, etc</li> <li>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.</li> </ol>
B.A.	<ol style="list-style-type: none"> <li>1. Students develop an understanding of Concepts, theoretical frameworks, perspectives and methods of inquiry.</li> <li>2. Students are trained to think rationally and critically.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Students learn to appreciate diversity and develop cultural sensitivity.</li> <li>4. Recognition of self as an individual with strengths and weaknesses.</li> <li>5. Students imbibe human values and become responsible citizens.</li> <li>6. Eligible candidates for admissions to post-graduate programs/Research/further studies.</li> </ol>
<p>B.Sc.</p>	<ol style="list-style-type: none"> <li>1. The students gain the knowledge of systematic observations, model making, theoretical predications thereby understanding various phenomena in nature.</li> <li>2. To make the students think critically and to use appropriate concepts in problem solving.</li> <li>3. To enhance the skills of the students to be innovative.</li> <li>4. To provide the students skills to design and construct instruments and make them research oriented.</li> <li>5. To make students sensitive to their surrounding and social issues, through field work and projects.</li> <li>6. To develop Ability in students to meet challenges and equip them to be competent.</li> <li>7. To develop a qualitative and quantitative approach in the students.</li> <li>8. To provide hands on experience to the students on sophisticated instruments and programming skills.</li> </ol>
<p>B.C.A.</p>	<p>The programme helps the students to develop the skills to present ideas effectively and efficiently and to</p> <ol style="list-style-type: none"> <li>1. Do Academic and Professional Presentations - Designing and delivering an effective presentation and developing the various IT skills to the electronic databases.</li> <li>2. Use the Systems Analysis Design paradigm to critically analyse a problem.</li> <li>3. Solve the problems (programming networking database and Web design) in the Information Technology environment. Function</li> </ol>

	<p>effectively in teams to accomplish a common goal and demonstrate professional behaviour.</p> <ol style="list-style-type: none"> <li>4. Develop IT-oriented security issues and protocols.</li> <li>5. Design and implement a web page.</li> </ol> <p>Improve communication and business management skills, especially in providing technical support.</p>
<p><b>B.Voc. (Hospitality &amp; Tourism)</b></p>	<p>After completing degree in B.Voc Hospitality and Tourism students will be able to grab a good job in the industry with good salary. During 3 years students learn various skill like customer handling, team management, conflict management, (HMS)Hotel management system Check -IN, Check -Out Process, Room Allocation to the guest etc. Industrial training inindustry isprovided to students fromtime to time which help them to improve their skill and learn new things about industry to get a good job at higher designation with Handsome salary and perks after completion of course. No of students already working in 4, 5-star hotels Like Sarovar Portico Jammu, Radisson Blue Dharmshala, Best Western Chandigarh and many more.</p> <p>The one more feature of this course is multiple entry multiple exit as student will get certificate if he leave the course after 6 month, diploma after 1 year, advance diploma after 2 years and degree after completions of 3 years.</p>
<p><b>B.Voc. (RetailManagement)</b></p>	<p>After completing degree in B.Voc Retail Management students will be able to grab a good job in the industry with handsome salary. During 3 years students learn various skill like customer handling, team management, conflict management, display management, inventory management, financial management etc. Industrial training in industry is provided to students from time to time which help them to improve their skill and learn new things about industry and get a good job at higher designation after completion of course. The one more feature of this course is multiple entry multiple exit as student will get certificate if</p>

	<p>he leave the course after 6 month, diploma after 1 year, advance diploma after 2 years and degree after completions of 3 years.</p>
<p><b>B.B.A.</b></p>	<ol style="list-style-type: none"> <li>1. Students are able to define, analyse, and devise solutions for structured and unstructured business problems and issues using cohesive and logical reasoning patterns for evaluating information, materials, and data.</li> <li>2. Students are able to conceptualize a complex issue into a coherent written statement and oral presentation.</li> <li>3. Students are competent in the uses of technology in modern organizational operations.</li> <li>4. Entrepreneurship and Innovation: Students can demonstrate the fundamentals of creating and managing innovation, new business development, and high-growth potential entities.</li> <li>5. Business Knowledge: Students can demonstrate technical competence in domestic and global business through the study of major disciplines within the fields of business.</li> <li>6. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Management practice.</li> <li>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.</li> <li>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.</li> <li>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</li> </ol>

	<p>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.</p>
<b>M.Com</b>	<ol style="list-style-type: none"> <li>1. The program will enable students to critically interact with works from different contexts.</li> <li>2. Study of literature helps the students to interpret and explore relationships from the points of view of different people.</li> <li>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.</li> </ol>
<b>MA English</b>	<ol style="list-style-type: none"> <li>1. The program will enable students to critically interact with works from different contexts.</li> <li>2. Study of literature helps the students to interpret and explore relationships from the points of view of different people.</li> <li>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.</li> </ol>
<b>MA Political Science</b>	<ol style="list-style-type: none"> <li>1. To engage students in the study of the national and global political system and its linkage with economic and social life.</li> <li>2. To equip students with an understanding of politically sensitive issues and the development of generalized problem-solving skills.</li> <li>3. To enable students to use analytical and specialized research skills in the field of Political Science.</li> <li>4. To prepare students for careers in Central, State, Local Governments for taking leadership / administrative positions and to make a valuable contribution to the nation. Besides, they can also join law, NGO, electoral analytics, political journalism and research</li> </ol>

<p><b>MA Economics</b></p>	<ol style="list-style-type: none"> <li>1. Understanding the basic assumptions in various economic theories and enhance capabilities of developing ideas based on them</li> <li>2. Prepare and motivate students for research studies in Economics especially by developing questionnaire, collecting primary data through field surveys</li> <li>3. Provide knowledge of a wide range of econometric techniques using excel or other statistical software</li> <li>4. Motivate students to extract or utilize different websites for secondary data collection, generating concepts for various facets of economic studies and gather latest information provided by various Universities, UGC, or ICSSR</li> <li>5. Motivate students in preparing for various competitive examinations, NET, SET, Indian Economic Service etc., by developing or gaining value addition day by day by giving assignments, by following a routine or developing discipline / concentration etc.</li> </ol>
<p><b>MCA</b></p>	<p>The programme aims .....</p> <ol style="list-style-type: none"> <li>1. To prepare graduates who will create systems through software development to solve problems in Industry domain area.</li> <li>2. To Prepare Graduates who will contribute to societal growth through research in their chosen field.</li> <li>3. To prepare graduates who will perform both as an individual and in a team through good analytical, design and implementation skills.</li> <li>4. To prepare graduates who will be lifelong learners through continuous professional development.</li> </ol>
<p><b>MBA</b></p>	<p>The Programme aims for.....</p>

	<ol style="list-style-type: none"> <li>1. Nurturing industry ready professionals with business and management acumen, who shall hold high degree of human values and social consciousness in their professional and personal lives.</li> <li>2. Enabling managerial decision making through the application of knowledge of management discipline</li> <li>3. Setting up business enterprise and manage diversified growth of entrepreneurship.</li> <li>4. Improving the awareness about functioning of local and global business environment and society which helps in recognizing the functioning of businesses, identifying potential business opportunities, and exploring the entrepreneurial opportunities.</li> <li>5. Developing the skills on analysing the business data, application of relevant aspects, and problem solving in other functional areas such as marketing analytics, business strategy, finance and human resources.</li> <li>6. Understanding leadership roles at various levels of the organization and lead teams across organizational boundaries and demonstrate leadership qualities, maximize the usage of diverse skills of team members in the related context.</li> </ol>
<p><b>PGDCA</b></p>	<p>The programme will help students to .....</p> <ol style="list-style-type: none"> <li>1. Acquire problem-solving skills, especially the ability to analyse, design and implement solutions.</li> <li>2. Demonstrate technical skills to be employed in a competitive Position in the IT field related sector.</li> <li>3. Start an Entrepreneurial venture.</li> <li>4. Work in different fields like content development, Multimedia, Website designing, Networking, Banking industry, Academics etc.</li> </ol>

and ability to pursue higher education and engage in independent life-long learning.



# Course Outcomes

## Bachelor of Arts

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st year	Compulsory English	ENGCE101	To provide basic language and literary skills to the students through the given poems and stories/essays in the story.
2.					<ul style="list-style-type: none"> <li>The students will be able to understand concepts in communication and shall be able to implement them in not only their professions but everyday life.</li> <li>Communication is integral to human expression and growth and has taken</li> </ul>

many forms over centuries. The students will be able to identify the use of media in providing meaningful information.

- After the completion of the course the students will be able to explain and review on critical evaluation of mass communication Models and theories

Annual

1st year

Principal  
Communication

of

BJMCPAC101

<p>3.</p>	<p>Annual</p>	<p>1st year</p>	<p>Introduction to Radio and TV BJMCPAC102</p>	<ul style="list-style-type: none"> <li>• Students will be able to identify several formats of radio programmes including news stories, radio drama, music, Interviews, education, radio commentary on public events, youth and armed forces.</li> <li>• Students will recognize the structure and history of the radio industry will be able to work in professional atmosphere of radio station.</li> <li>• Students will outline the relationship of each personnel inside a radio station.</li> <li>• The students will memorize basic evolution of TV industry and its growth in India.</li> <li>• Students will be able to illustrate the basics of TV genres and essentials of TV journalism.</li> <li>• Students will be able to identify several formats of Television programmes including news stories, current affairs, documentary, discussions, talk shows, game shows, educational programme, lifestyle, travel &amp; foods, religious discourse, Soap opera, Interviews, events- live and recorded, sports, etc.</li> </ul>
<p>4.</p>	<p>Annual</p>	<p>1st year</p>	<p>History of India from the earliest times up to 300 CE Hist(A)101</p>	<p>After completion of this course students will come to know the History of Ancient India like Stone Age, Vedic Period, Indus Valley Civilization, Arya Civilization, Maurya Period. through these topics students will come to know the growth of Indian History.</p>
<p>5.</p>	<p>Annual</p>	<p>1st year</p>	<p>History of india from C.300 TO 1206 Hist(A)102</p>	<p>After completion of this course students will come to know the History of Ancient India, The Guptas and Vakatakas their State and Administration. Changes in society, polity, economy and Culture with special reference to Pallavas and Chalukyas. Evolution of political structure of the Rastrakutas, Palas, and Pratiharas. Harsh's Kingdom, administration, Buddhism and Nalanda. Cholas state and Administration, economy and culture. The</p>

					Arabs invasions. through these topics students will come to know the events of Indian History.
6.	Annua I	1st Year	Madhyakallen hindi kavita	BA HIND/103	Students will able to understand and know the bhaktikaal, the important works of major writers like kaveerdaas, tulsidaas, meerabai, raskhan, biharilal. Students will also able to understand the various rass used in the poetry and their impact on indian bhaktikavya.
7.	Annua I	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.
8.	Annua I	1st Year	English Literature - 2	ENG DSC 103	Student will acknowledge with the Sufi and Bhakti traditions in literature and their difference.  They will also know the writing style of various Sufi and Bhakti poets like Bulla Shah, Mahadeviyakk  a.  Student will able to understand the politics behind the omission of Urdu

Govt. Degree College Una H.P.  
words in Hindi language after  
Independence.

					Student will also able to understand the various literary cultures and voices in India after Independence like tribal voices, women voices and dalit voices.
9.	Annual	1st year	Principles of Micro Economics -I	ECONA101	After completion of this course students will be familiar with demand and supply, theories of utility, theories of production and cost and different markets.
10.	Annual	1st year	Principles of Micro Economics -II	ECONA 102	After completion of this course students will be familiar with different markets like perfect competition, monopoly and monopolistic competition, theories of factor pricing like rent, wage, rate of interest and profit.
11.	B.A.-1 <sup>st</sup>	Year	Sanskrit Kavya	SKT-DSC-101 (DSC-1)	In this course students 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. The students can handle various situations of life brilliantly with the help of the wise lessons that these Kavyas impart.
12.	B.A.-1 <sup>st</sup>	Year	Sanskrit Kavya	Gadya SKT-DSC-102 (DSC-2)	The course aims to acquaint students with classical prose literature, Origion and development of prose. This course will enrich the students with stories form sukhnashopadesh and shivrajvijay.

				Student will get moral education as well as old Indian customs.
13.	B.A.-1 <sup>st</sup>	Year	Niti Sahitya	SKT-DSC-103 (MIL-1) Core Course
14.	B.A.-1 <sup>st</sup>	Year	Shrimadbhagvadgita Tatha Paniniya Shiksha	SKT-AECC-104 (Ablity Enhancement Compulsory Course)
15.	Annual	1st year	Introduction to Political Theory	POLS 101

The purpose of Niti Sahitya is to develop the skill of students through imaginary and interesting stories as well as stories of Panchtantra and Hitopadesh. Such stories help the students in their brain development and help them in learning how to handle real life situations. The stories are the best guide to enroot moral values in children since each story has a moral lesson in its end. These stories are rich in Indian culture and values and are relevant to all communities.

Reading of Bhagvad Gita helps us to understand the importance of self-control and how to practice it. Gita tells us how to practice "Nishkam Karma" or action without desire. Gita helps the children to learn that it is necessary to understand the feelings of others, but it is not mandatory to agree with their opinion. Gita teaches the children to practise tolerance and forgiveness. Both these qualities are crucial to maintain and nurture relationship, develop feelings of empathy and love. Through this course the students will also gain knowledge about Upanishads which are the last part of vedic literature also known as "Vedant". Upanishad tells us that we have to incorporate the concept of ideal teacher and the ideal pupil. Along with this course the students will also go familiar with the basic Sanskrit grammar.

After completing this course students will be able to know about the state, its arrangements, features and difference between state and society, and know about various dimensions of liberty equality and justice.

16.	Annual	1st year	Indian Government and Politics	POLS 102	After completing this course, the students will be able to know the colonial history of India along with working of Indian Constitution in practice and also able to know about various provisions in the Indian constitution and working of Indian parliament along with dynamic role of prime Minister in the smooth working of Indian govt.
17.	Annual	1st year	Philosophical Foundations of Education	EDN101	After completion of the course students will be able to : Describe meaning and definition of Education, Philosophy and Values. Write aims and functions of Education. Relate Education and Philosophy. Compare Idealism, Naturalism and Pragmatism in context of Education. Plan strategies for inculcation of various values.
18.	Annual	1st year	Sociological Foundations of Education	EDN102	After completion of the course students will be able to: Describe meaning, definition and characteristics of Education, Educational Sociology, Sociology of Education, Social Change, Social Groups, Socialization, Community and Culture. Write role and impact of teacher and school on Social Change, Cultural Development and community. Relate Education and Sociology.
19.	Annual	1st year	Physical Geography	GEOGP 101CC	Students will know about various aspects of geomorphology, climatology and Oceanography.
20.	Annual	1st year	General Cartography (Practical)	GEOGP 102CC	This course will introduce students about different aspects about map like scales, statistical diagrams example bar, line diagrams, climograph, hythergraph. They will also be introduced to map protections.

21.	Annual	1st year	Introduction of Travel and Tourism Management	TTMC101	After completion of this course, the students will be acquainted with the key concepts related to tourism. The students will have a basic understanding of tourism industry and will be familiar with some of the leading tourism destinations in India and abroad.
22.	Annual	1st year	Tourism Resources of India	TTMCGE 102	After completing this course, the students will be able to define National Park, Wildlife Sanctuary, Biosphere Reserve, Religious Tourism, World Heritage Site and Cuisine. Further, the students will be able to describe various natural and cultural resources of India and their significance, including National Parks, Wildlife Sanctuaries, Biosphere Reserves, Desert tourism circuit, Char Dhams, World Heritage Sites, and Cuisines.
23.	Annual	1st year	Introduction to Sociology	SOCL-A 101	Introduction to Sociology The paper is designed to introduce the students to the Discipline of Sociology and to familiarize students with the basic concepts in Sociology. It will help students provide basic understanding of the social structure of Society. Whereas at the end of the paper students would have understood the discipline and basic concept in sociology and social structure.
24.	Annual	1st year	Society in India	SOCL-A 102	Society in India The Basic objective of this paper is to present a comprehensive and integrated profile of Indian society. This paper aims to analyse traditional features of Indian society. It will also acquaint the students with the distinctive features of the Indian society. The students will understand the issues & the social problems of Indian Society .

<p>25.</p>	<p>Annual</p>	<p>1st year</p>	<p>Music Instrumental</p>	<p>101th 102PR</p>	<p>□□ □○T□□□□□ □○T          □□□□○T□□□○T □○T□□□□○T□          □○T□○T□ (○T○T○T□□          □□□□□○T□) □□ □□○T□□○T□          □□□□○T □□ □□ □□ □□□□○T          □○T□□○T□          ○T○T○T□□          ○T○T○T□□ □□ □□□□          □□□□○T ○T○T○T□□          □○T □□□□○T○T          ,□□□ □○T○T○T□,□□□□          □□□□,□□□□○T○T○T○T □○T          □○T□,          ○T○T○T□□ □□          □□□□○T○T○T○T □□ □□□□□□□□          □□□□□□□□□□ □□ □□□□□□ □□          □□□□ □○T□ ○T○T○T□□ □□          □□□□ □□○T□□○T □○T□□○T          □□○T□ ,□□○T          □□□○T○T□□          □○T□□□□□ □○T          □□□○T○T□□ □□□○T□□          □□□○T□○T□</p>
<p>26.</p>	<p>Annual</p>	<p>1st year</p>	<p>Theory of Indian Music general and biographies.</p>	<p>MUSA-103</p>	<p>This course provides an insight of few technical terminology of the subject in general,few musical styles of singing beside some biographies of Indian musicians who have made a niche in the field of music.</p>
<p>27.</p>	<p>Annual</p>	<p>1st year</p>	<p>Theory of Indian Music</p>	<p>MUSA101</p>	<p>This is introductory part of the course that provides basic information to the students,opting music in their UG program.About 20% syllabus has been covered till date, as practical aspect of the subject is being carried along with the theory part.</p>
<p>28.</p>	<p>Annual</p>	<p>1st year</p>	<p>Theory of Indian Music</p>	<p>MUSA102</p>	<p>This course is about the fundamentals of music,that will brief the beginners of the subject about the basic and technical terminology of the subject that is basically a practical subject.</p>

29.

Annual

1st year

Practical Viva Voce MUSA 104

This practice course is based on some basic Ragas of Indian classical music, that is meant for the making of foundation of music learners. Along with the training in swar, sanyojan and understanding of leya (Rhythm) part, one has to learn the gimmicks of taal as well, here in this course.

30.	Annual I	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.
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31.	Annual	2nd Year	Translation Studies and Principles of Translation	ENG AEEC/SEC 205	Student will learn and understand the translation, its 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.
32.	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.
33.	Annual	2nd Year	Core aadhunik hindi kavita	course BAHIND/202 hindi	Students will be able to understand and identify the alankaar, raas, chhand and language. students will be familiar with modern hindi poets.
34.	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.
35.	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.
36.	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.

37.

Annual

2nd Year

History of India from,  
C. 1206 to 1707 Hist(A)203

After completion of this course students will come to know the Foundation, Expansion and Consolidation of Delhi Sultanate under slave, Khalji's, Tughlaq, Sayyad and Lodhi Dynasties. Also came to know the Regional political formations: Vijayanagar and Bahamani kingdoms, Second Afghan state under Sher Shah Suri and Foundation, Expansion and Consolidation of Mughal State. 17th century transitions, rise of Marathas and Sikhs are very important to the students of History to understand the struggle of Indians against Mughals.

38.

Annual

2nd Year

History of India from,  
c. 1707 TO 1951 Hist(A)204

After Completion of this course students will come to know the crises of Mughal Empire and Expansion & Consolidation of British Power. How New land Revenue Settlements played an important role in Commercialisation of Indian agriculture and De-industrialisation of Indian small scale industries. Social and reform movements played an important role in the rise of Indian Nationalism. Revolt of 1857 was a great event of this period. Indian National Congress played an important role in the Indian freedom movement under the leadership of Mahatma Gandhi. Growth of Communal politics and partition of India or Formation of Indian constitution these are the main events of Modern Indian history which are very important to the students of History.

39.	Annual	2nd Year	Historical Tourism	Hist(A)213 (Skill)	<p>After the completion of this course the students will come to know the different architecture style of Indian architecture. They also came to know the temple and Stupa architecture of India like Kandariya Mahadeva temple of Khajuraho and Sanchi Stupa. There are many buildings of Indo-Persian Architecture like Taj Mahal in Agra and Red Fort of Delhi. There are many popular tourist destination like Shimla, Kullu, Manali etc. in Himachal Pradesh. students of history will come to know how the historical building and monuments are playing an important role in the social or Economic life of the people of india.</p>
40.	Annual I	2nd Year	Creative Writing, Book and Media Reviews	ENG AEEC/SEC 204	<p>Student will be able to identify and can distinguish various literary forms like poetry, drama, fiction and prose.</p> <p>They will also be able to identify and distinguish various literary terms like plot, character, narrator, theme.</p> <p>Student will understand the technique of writing skills and importance of emphatic presentation in media reviews like books, films and TV.</p>
41.	Annual	2nd Year	An Introduction to Archaeology	Hist(A)215 (Skill)	<p>After the completion of this course the students will come to know the Archaeology of India, its origin and development. They also came to know the managing of archaeological evidence, documentation, codification, classification, analysis, findings and publications of the historical sources. Students of history will come to know the methods of surveying and techniques of excavation.</p>

42.	Annual	2nd Year	British Literature	ENG202	Through Literature teach certain grammar and literary skills to students.
43.	Annual	2nd Year	Literary Currents	Cross ENG203	To teach literary skills
44.	Annual	2nd Year	English -2 English Core	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.
45.	Annual	2nd Year	Principles of Macroeconomics-1	ECONA201	After completing this course the students will be able 1) to understand and differentiate Micro and Macro concepts and paradoxes of economics, 2) to explain and measure National Income, 3) to determine the levels of output, income and employment as per the point of view of Classical and Keynesian economics, 4) to calculate the APC, MPC and MEC, 5) to analyse the impact of change in supply of money and demand for money on economic variables, 6) to summarise the implications of changes in monetary policy instruments of RBI.

46.	Annual	2nd Year	Principles of Macroeconomics-II ECONA202	After completing the course the students will be able: 1) to define multiplier and acceleration principle, 3) to explain the reasons for economic fluctuations, 3) suggest the remedies for price control ,4) to demonstrate the causes of unemployment and suggestions thereof. 5) analyse and compare the fixed and flexible exchange rate system. 6) to prepare the balance of payment account.
47.	Annual I	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 able to take necessary steps to solve the problems of these current issues.
48.	Annual	2nd Year	Statistical Methods-I ECONA 203	After completion the course work, the students will be familiar with measurement of central tendency mean mode Median and dispersion Correlation, Regression Along with the students will be able to find out what is the Coefficient of variation, Lorenz Curve Correlation type of regression, The outcome of the students' progress on the basis of class test and presentation
49.	Annual	2nd Year	Statistical Methods-II ECONA 205	This course introduces the students to collection and presentation of data. It also discusses how data can be summarized and analyzed for drawing statistical inferences. The students will be introduced to important data sources that are available and will also be trained in the use of free statistical software to analyze data. Students will be able to understand

					the concept of correlation and regression, construct and interpret index numbers for economic variables. Measure and evaluate components of time series.
50.	B.A.-2 <sup>nd</sup>	Year	Sanskrit Natak	SKT-DSC-201 (DSC-1)	Students here learn about Abhigyanananshakuntalam and Pratima Natak. They will know about the different aspects of rasas, alankar used in these plays. Student come to know about different human emotions.Natak help the students in shaping cognitive, effective and behavioral abilities of students.
51.	B.A.-2 <sup>nd</sup>	Year	Sanskrit Vyakaran	SKT-DSC-202 (DSC-2)	Student will be familiar with Sanskrit grammar. Student will learn about sangya prakaran, sandhis and karak. Student will be able to write sentences in Sanskrit.
52.	B.A.-2 <sup>nd</sup>	Year	Vyakaran Syonjan	Evam SKT-DSC-203 (MIL-2)	This course aims to get the students to know the basics of Sanskrit grammar including Sandhi,Karak and Vibhaktyarth Prakarana based on Laghusidhant kaumudi a primer of paninian grammar. Student will learn about sangya prakaran, sandhis and karak. Student will be able to write sentences in Sanskrit.
53.	B.A.-2 <sup>nd</sup>	Year	Ayurved Ke Mool Sidhant	SKT-AEEC-205 (SEC-1)	After studying this course the students will go familiar with basic knowledge about history and role of Ayurveda in our daily life. Ayurveda helps to reclaim health with balanced dietary guidelines ,effective sleep pattern ,home remedies,daily and seasonal routine,yoga and exercise patterns.The students will also go familiar with three fundamental doshas ;Vata, Pitta and Kapha.Good health is considered to be a state of balance of between the doshas.

54.	B.A.-2 <sup>nd</sup>	Year	Sanskrit Evam Gayan	Chhand	SKT-AEEC-206 (SEC-2)	After studying this course the students will go familiar with basic knowledge of Vedic and Laukik Chhandas. The students will also learn history and role of chhandas in vedic Mantaras. Chhandas helps us to find out whether a Mantra or Sukta that is being taught or chanted has come down to us in its true form. Chhandas also help in giving shape to poetic thought and imaginations.
55.	Annual	2nd Year	Comparative Government and Politics		POLS 201	In this course, after course completion, student will be able to know about nature, scope and utility of comparative politics along with understanding of the difference between democratic regime and authoritarian regime.
56.	Annual	2nd Year	Introduction International Relations	to	POLS202	After having completed this course, the students will be able to know about nature, scope of international relations, world system approach dependency model, emerging centres of power in international politics like, Japan and China.
57.	Annual	2nd Year	Legislative Support		SEC-POLS 203	After completing this course, the students will be able to know the actual working of local self-government in our country and also have the knowledge of legislative process.
58.	Annual	2nd Year	Public Opinion and Survey Research		SEC-POLS 204	After having completed this course, the student will be able to know the importance and role of public opinion in political system and also having the knowledge of sampling, interview and quantitative data analysis.
59.	Annual	2nd Year	Psychological Bases of Education		EDN201	After completion of the course students will be able to : Describe meaning, definition and characteristics of Psychology, Educational Psychology, Growth and Development,

				Intelligence and Creativity. Discuss Case Study, Clinical Method and Observational Method. Relate Education and Psychology. Compare various tests for measurement of intelligence and creativity. Plan strategies for application of Educational Psychology in teaching-learning process.
60.	Annual	2nd Year	Development of Education in India EDN202	After completion of the course student will be able to: Write salient features of Vedic Education, Buddhist Education and Islamic Education. Describe the contribution of various committees and commissions on Education. Discuss development of Indian education in Post Independence era.
61.	Annual	2nd Year	Yoga EDN203	After completion of the course students will be able to: Write meaning, definition and objective of Yoga. Discuss significance of Bhakti Yoga, Gyan Yoga and Karma Yoga. Describe salient features of Ashtanga Yoga of Patanjali. Categorize various aspects of Yoga. Explain the role of Yogic techniques for stress management.
62.	Annual	2nd Year	Life Skills Education EDN204	After completion of the course students will be able to: Write meaning, definition and components of Life Skills. Discuss types of Life Skills. Describe need, importance and area of application of Life Skills Education.

				Explain various methods and techniques for developing Life Skills.	
<b>63.</b>	Annual	2nd Year	Human geography	GEOGP201CC	In this course, students will be acquainted with concepts of human geography like population distribution, density, growth, their world patterns etc. They will also learn about different races, religions and languages of world, types of settlement patterns in the world.
<b>64.</b>	Annual	2nd Year	Environmental Geography	GEOGP202CC	In the end of this course, students will know about relationship of human beings with environment. They will learn about what is ecosystem, ecology, different ecosystems of world, biomes of world. They will also learn about approaches to study of geography like determinism and possibilism. Some environmental movements are also discussed in the course.
<b>65.</b>	Annual	2nd Year	Regional Planning and Development	GEOGP203SEC	This course will come to know about the concept of region, planning, regional planning, their types, deliencation of planning region. They will also come to know about planning models; core periphery, growth pole. Some indian planning models like DVC, ITDP are also dicussed in course.
<b>66.</b>	Annual	2nd Year	Remote Sensing and GPS	GEOGP204SEC	This course introduces students to concept of remote sensing, it's types, platforms used for it. At the end of course, students will be acquainted with aerial photography, satellite imageries, their principles, geometry. In this course they will also learn about GPS and it's uses.
<b>67.</b>	Annual	2nd Year	Travel Agency & Tour Operation	TTMC201	After the completion of this course the students will have an understanding ofthe tourism industry and its operation

					including linkages in tourism industry and tourism supply chain. The students will be able to describe the meaning, functions and history of Tour operator and Travel agency. Further, the students will be able to describe various types of tour operators, itineraries and tour packages.
68.	Annual	2nd year	Tourism Marketing	TTMC202	On completing this course, the students will be able to gain an understanding of the various concepts related to tourism marketing including marketing principles, Marketing mix, Promotion mix and they will be able to describe the importance of marketing, leadership and communication skills in marketing. The students will also have an understanding about the role of associations in promotion of tourism with special reference to Government of India and Himachal Pradesh.
69.	Annual	2nd Year	Tourism Organizations & Associations	TTMC -204	After the end of this course, the students will have knowledge about various tourism related associations and organisations including UNWTO, PATA, UFTAA, IATA, WATA, ICAO, WTTC, TAAI, TAFI, FHRAI, IH&RA, Ministry of Tourism, ITDC, HPTDC, SAARC, ABVIMAS, NIM, HMI, IMF and their roles in development of tourism. The students will also be familiar with city and Airport codes of Asian region, and MICE tourism.
70.	Annual	2nd Year	Practical- Field Tour	TTMC 205	This course aims to give practical exposure to the students about tourism destinations of the country.
71.	Annual	2nd Year	Sociological Theories	SOCL-A 201	Sociological Theories Human behavior is complicated,

especially when it comes to how we interact with each other and the world around us. Sociological theories are organized sets of ideas that help us make sense of human behavior. Sociological theories can be small, explaining single actions in the scope of a social situation. Theories can also attempt to explain the vast phenomena of human behavior or give us a new way of looking at behaviors we have seen all our lives. Understanding of these theories will help students to predict the future and how humans will cope with our changing world.

72.

Methods of Social Enquiry

The Methods for Social Inquiry offers practical instructions for qualitative and multi-method research. This paper offers clear, straightforward, and concrete guidance for teaching and using methods and focuses on the 'how-to' of the methods they discuss - the practical tasks that must be undertaken to effectively employ them. Social Inquiry (SI) course focuses on probing questions that are of social nature; for example pertaining to social arrangements, human behavior, and forms of social, political, and economic organization.

Annual

2nd Year

Methods of Sociological Enquiry

SOCL-A 202

73.

Techniques of Social Research  
This paper tries to make the students understand the historical methods which implies the use of research. It also realizes the scope of research and its relevance in social science. The basic scope of social research is to understand sooner or later

Annual

2nd Year

Techniques of Social Research

SOCL-A 203

					but correctly the nature of social events & processes & though this is done without any motive of particular reforms the conclusions cannot be ruled out.
74.	Annual	2nd Year	Sociology of Environment	SOCL-A 204	<p>Sociology of Environment</p> <p>The paper will help the students of BA-2 to stretch the conceptual and theoretical boundaries of both environmental and mainstream sociology, to highlight the relevance of sociological research for environmental policy and management, to disseminate the results of sociological research, and to engage in productive dialogue and debate with other disciplines in the social, natural and ecological sciences.</p>
75.	Annual	2nd Year	Introduction to Radio and TV	BJMCPAC201	<ul style="list-style-type: none"> <li>• Students will be able to identify several formats of radio programmes including news stories, radio drama, music, Interviews, education, radio commentary on public events, youth and armed forces.</li> <li>• Students will recognize the structure and history of the radio industry will be able to work in professional atmosphere of radio station.</li> <li>• Students will outline the relationship of each personnel inside a radio station.</li> <li>• The students will memorize basic evolution of TV industry and its growth in India.</li> <li>• Students will be able to illustrate the basics of TV genres and essentials of TV journalism.</li> <li>• Students will be able to identify several formats of Television programmes including news stories, current affairs, documentary, discussions, talk shows, game shows, educational programme, lifestyle, travel &amp; foods, religious</li> </ul>

				discourse, Soap opera, Interviews, events- live and recorded, sports, etc.
<b>76.</b>	Annual	2nd Year	Advertising and Public Relations BJMCPAC201	<ul style="list-style-type: none"> <li>• The students will be able to understand the different theoretical perspective of advertising and public relations.</li> <li>• The students will memorize basic evolution of advertising industry and its growth in India.</li> <li>• Students will be able to illustrate the basics of public relation genres and essentials of PR.</li> </ul>
<b>77.</b>	Annual	2nd Year	New Media Communication BJMCPAC202	<ul style="list-style-type: none"> <li>• Student will be able to explain New Media, its origin and evolution and impact on readers, business and society.</li> <li>• Student will be able to distinguish New Media from print and electronic media.</li> <li>• Student will identify the milestones of internet journalism in India and worldwide.</li> <li>• Student will be able to define important terms of digital world.</li> <li>• Student will be able to explain the role of a New Media Journalist.</li> </ul>
<b>78.</b>	Annual	2nd Year	Reporting, Editing and Feature Writing BJMCPAS203P	<ul style="list-style-type: none"> <li>• After completion of this course students will be Write various types of features for newspapers and magazines.</li> <li>• Write different leads, headings, the body text and ending.</li> <li>• Demonstrate interviewing and newsgathering skills Display editing skills including proof reading and headline writing</li> </ul>
<b>79.</b>	Annual	2nd Year	Skill for New Media BJMCPAS204P	<ul style="list-style-type: none"> <li>• Students will be able to create blog page.</li> <li>• Students will be able to do the online news gathering.</li> </ul>
<b>80.</b>	Annual	3rd Year	Pedagogy of Education EDN301	After completion of the course students will be able to: Write meaning, concept and

					characteristics of Pedagogy. Discuss salient features of various teaching methods and techniques. Categorize various pedagogical approaches and skills. Explain need, importance and use of learning resources in Education..
<b>81.</b>	Annual	3rd Year	ICT in Education	EDN302	After completion of the course students will be able to: Write meaning and characteristics of ICT. Discuss role and challenges of ICT in teaching learning process. Describe concept, process, principal, modes and barriers of communication. Explain the role of computers, AVRI, CCTV in teaching learning process. Compare new trends in ICT.
<b>82.</b>	Annual	3rd Year	Educational Management	EDN303	After completion of the course students will be able to: Write meaning, nature, scope and characteristics of management and leadership. Discuss various types of management and leadership skills. Describe factors affecting managerial behavior. Explain salient features of managing teaching learning process.
<b>83.</b>	Annual	3rd Year	Inclusive Education	EDN304	After completion of the course students will be able to: Write concept, meaning, need and importance of inclusive education. Discuss meaning, type and identification of children with special needs. Describe techniques, aids, policies and programs for the education of CWSN.
<b>84.</b>	Annual	3rd Year	Education for Peace	EDN305	After completion of the course students will be able to:

				Write meaning, concept and need of Education for Peace . Discuss ways to promote peace in the classroom and role of teacher as peace builder. Describe role of various agencies of Peace Education. Explain various methods for Peace Education. Analyze the philosophies of Gandhiji, Krishnamurthy J., and Montessori as resources for Peace Education.
<b>85.</b>	Annual	3rd Year	Educational Thoughts and Practices EDN306	After completion of the course students will be able to: Discuss educational thoughts of prominent Western Philosophers. Describe contribution of various Indian Philosophers to Education.
<b>86.</b>	Annual	3rd Year	Geographic Information System GEOGP301SEC	This course acquaints students with the concept, history of GIS. The students at the end of this course will know about GIS data structures, concept of georeferencing, editing and attribute data integration.
<b>87.</b>	Annual	3rd Year	Field Techniques and Survey based Project (Practical) GEOGP302SEC	At the end of this course, the students will know about different field survey techniques used in geography by practically conducting a survey and preparing a project report.
<b>88.</b>	Annual	3rd Year	Geography of India BAGEOGP303 1-DSE	This student will learn about both physical and cultural aspects of geography of India. They learn about mechanism of monsoons, types of soil, vegetation etc. In cultural aspects, demographic structure of India is discussed. Besides this, other aspects like major industries, crops,

				horticulture and hydro power projects are discussed.
89.	Annual	3rd Year	Disaster Management GEOGP304-2DSE	This course makes student understand about the concept of disaster, various natural and human induced disasters. After completion of course, they will know also know about concept of disaster management and the institutional structure related to it in India.
90.	Annual	3rd Year	Disaster Risk Reduction GEOGP305-GE1	The students will know about concept, types of disasters whether it is natural or human induced. They will learn about the concept of hazard, vulnerability, disaster management and it's institutional structure.
91.	Annual	3rd Year	Sustainability and Development GEOGP306-GE2	Students will known about the concept of sustainability, Millennium Development goals, Inclusive development in education and health. They will know about sustainable development policies and programs.
92.	Annual	3 <sup>rd</sup> year	Rangaalekh ava m rangmunch	Student will be familiar with Indian plays written by Indian writers, able to understand and identify the writing styles of these playwrights.
93.	Annual	3 <sup>rd</sup> year	Lok sahitay BA HIND/303	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.
94.	Annual	3 <sup>rd</sup> year	Aadhunik bhartiya a sahitya BAHIND/304	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



95.	Annual	3 <sup>rd</sup> year	Generic Elective Contemporary India: Women and Empowerment	ENG GE- 306	This course is about women empowerment with special emphasis upon the key concepts like sex and gender, feminism, patriarchy.
96.	B.A.-3 <sup>rd</sup>	Year	Vyaktitav Vikas Ka Bhartiya Drishtikon	SKT-DSE-301 (DSE-1)	This course will help the students to develop their personality through Shrimadbhagvad Gita. Personality development is an organization of individual's behaviour pattern for development of divine traits and manipulating of demoniac traits through the three disciplines of action, knowledge and devotion based on Bhagavad Gita
97.	B.A.-3 <sup>rd</sup>	Year	Sahitiyik Samalochna	SKT-DSE-302 (DSE-2)	Through this course the students will go familiar with definition, types, purpose of literature. We know that Literature is the mirror of life and it deals with everything related to our life. It helps the students to improve sensibility and provides with a certain depth of perception. It helps students to widen outlook and develop personality. Literature brings about a harmonious development of the human mind to create a balanced personality. It can help the students to get rid of bad emotions like anger and develop positive emotions like love and sympathy for others.
98.	B.A.-3 <sup>rd</sup>	Year	Bharitiya Rangshala	SKT-AEEC-305 (SEC-3)	Studying Indian Theatre teaches students to trust their ideas and abilities. It provides an outlet for making creative choices and thinking new ideas. It promotes compassion and tolerance for others. Reading Indian Theatre develops a sustained focus of mind and body. Legends, myths, poems, stories and plays used in Indian Theatre teach students about social issues and conflicts from cultures past, present all over the world.

99.	B.A.-3 <sup>rd</sup>	Year	Bharitiya Vastushastra	SKT-AEEC-306 (SEC-4)	Vastushastra is an ancient traditional system of designing and building. It helps the students to find opportunities in job and business, good health, getting new thoughts and gaining status etc. The course provides the students with an opportunity to gain practical knowledge about Vedic Vastu. It enables the students to establish a connection between the physical environment and quality of life.
100.	B.A.-3 <sup>rd</sup>	Year	Patanjal Yogsutra	SKT-GE-303 (GE-1)	Patanjal Yogsutra teaches the students how to control our changing states of mind. Patanjali Yogsutra serve as a guide to attain wisdom and self realization through Yoga. It help students to understand how our thoughts get in the way of our own happiness. It also teaches that knowledge is the path to enlightenment. After learning Patanjali Yogsutra the children also came to know the true meaning of Yoga is the union of body, mind, soul and spirit. The students will go familiar with "Ashtang Yog" which is beneficial for physical and mental health.
101.	B.A.-3 <sup>rd</sup>	Year	Bhasha –Vigyan Ke Mool Sidhant	SKT-GE--304 (GE-2)	After studying this course the students will learn the definition of language, structure of language, features of language, classification of language, cause of changing of language and the role of phonic sounds in language. Through this course the students will gain the deep and basic knowledge of language.
102.	Annual	3 <sup>rd</sup> year	Chhayabadot ar hindi kavita	HIND/601	Students will be able to understand and identify the alankaar, raas, chhand and language. Students will be familiar with modern Chhayabadotar hindi kavita.
103.	Annual	3 <sup>rd</sup> year	Smachaar sankalan or lekhan	BA 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.
<b>104.</b>	Annual	3rd Year	Technical writing	ENG AEEC/SEC-301	To teach writing skills for technical writing to students
<b>105.</b>	Annual	3rd Year	Business Writing	ENG AEEC/SEC-302	To teach business writing skills to students
<b>106.</b>	Annual	3rd Year	Marriage Family and Kinship	SOCL-A 304	<p>Marriage Family and Kinship</p> <p>The paper defines the concept of family, marriage and kinship. It lists the main characteristics of family, marriage and kinship and discusses the functions of family. The paper helps the students in explaining the significance of marriage. It eventually describes the rules of marriage and degree of kinship; and discusses the types of family and marriage found in India.</p>
<b>107.</b>	Annual	3rd Year	Social Stratification	SOCL-A 305	<p>Social Stratification</p> <p>No society is classless or without strata. Stratification is part and parcel of social life. Every society defines a means of categorising each person into a particular social group. The placement of each individual in turn determines his value, as defined by the larger society; hence, the greater role of society in defining every person's value. Differences in values and statuses of individuals engender stratification in the society. The need to include this paper for the students is to make them understand and describe the primary perspectives on social stratification.</p>

				<p>The course examines their own social status position in comparison to classmates. It evaluates the data comparing social status position to sociological theories.</p>
<b>108.</b>	Annual	3rd Year	Polity and Society in India SOCL-A 307	<p>Polity and Society in India This paper prescribed for students of BA-3 (Sociology) discusses the social system in India It explains the elements of diversity in India and explains the meaning and importance of national integration. The students after reading this paper will be able to analyse the problems and issues against national integration in india. The course highlights the present day caste politics in india.</p>
<b>109.</b>	Annual	3rd Year	Economy and Society SOCL-A 308	<p>Economy and Society The course foreground the intense relationship between the both. The students will understand that the existence of an economy is essential to the formation and sustenance of society. The students will also know that every society has its own economy, and every economy reflects the needs and cultural attributes of society, as well as the major traits of the civilization in which it lives.</p>
<b>110.</b>	Annual	3rd year	Tourism Guiding/Escort Services	<p>At the end of this course, the students will be familiar with the Guide, Escort, various adventure activities, and Travel Documents including Passport, Visa and Insurance . The students will be able to describe roles of tour Guides, history of Guiding, Guide registration process, communication skills for tour guides, roles, responsibilities, allowances and characteristics of Escort. Alongwith, the students will be able to define and describe Passport, Visa and their types.</p>

111.	Annual	3rd Year	Hotel & Resort Management	TTMC301	After studying this course, the students will be familiar with the history of accommodation and its types, categories, different departments (and their functions) and procedures in accommodation industry, along with the case studies of various leading accommodation chains in India.
112.	Annual	3rd Year		TTMC303	After studying this course, the students will be familiar with various modes of transportation in tourism, their historical developments and roles in promotion o tourism. The students will be able to describe Air Transport- services type, seat types and booking and cancellation procedures; Water transport types; Road Transport- Types, schemes and passes; and Rail Transport including Luxury Tourist trains and Mountain trains.
113.	Annual	3rd Year	Researching Hospitality & Tourism Management(GE)	TTMC304	At the end of this course, the students will have understanding of Research in Tourism and Hospitality Management and they will be able to describe its importance, types, major research areas, challenges, planning process. Further, they will be familiar with Hypothesis, sampling techniques, data collection methods, field work and report writing.
114.	Annual	3rd Year	Project Work	TTMC306	This course work is an opportunity and examination of the students about their understating of tourism subject.
115.	Annual	3rd Year	Leadership Development Program(GE)	TTMC310	This course aims to sensitize the tourism students towards the ground level reality of tourism and practicums that attempt to connect classroom learnings with real time environment.
116.	Annual	3rd Year	Democratic awareness Legal Literacy	with SEC-POLS 303	After completing this course, students will learn about the working of criminal and civil codes, and also having the knowledge of juvenile justice act 1986.

117.	Annual	3rd Year	Themes in Comparative Political Theory	POLS 301	After completing this course, the students will be able to know difference between Indian and Western political thought especially will know J.Lock's views about natural rights.
118.	Annual	3rd Year	Understanding Globalization	POLS 302	In this course student will be able to learn about concept of globalization, privatization and liberalization after post-cold war era with special reference to disintegration of USSR in the year 1991.
119.	Annual	3rd Year	Conflict and Peace Building	SEC-POLS 304	After completing this course, the students will be able to know about the conflict and its management and transformation, and role of ideology in international politics. In addition to this, students will also acquire knowledge of track-1 and track-2 diplomacy in international politics.
120.	Annual	3rd Year	Indian Economy	ECONA 301	This course seeks to enable the students to grasp the major economic problems in India and their solutions.
121.	Annual	3rd Year	Development Economics	ECONA305	The students will be familiar with measurement of features of undeveloped country, Economic development and Economic growth measurement of Development a growth, recent Employment generate polices, Along with the students will be able to find out what is the nature of Undeveloped Economy special reference of Indian Economy and inverse U hypothesis curve The outcome of the students' progress on the basis of class test and presentation
122.	Annual	3rd Year	Research Methodology	ECONA 309	The students will be familiar with collection of data like that primary data classification of data analysis of data features of a good questionnear Use of statistical tools t test F test regression and correlation Coefficient Along with the students will be able to find out what is significance of different test in Research, The outcome of the students progress on the basis of

					primary data collection and their result and class test
123.	Annual	3rd Year	Public Finance	ECONA 310	At the end students will be able to: 1. Understand and differentiate public finance and public finance 2. Examine the concept of maximum social advantage, keeping in view market failure and free riders 'problem 3. Understand the various resources of government revenue 4. Outline the impact and theories of public expenditure and public debt 5. Interpret and elaborate the concept of budget and budget estimates 6. Evaluate the Center- State financial relations in India
124.	Annual	3rd Year	Money and Banking	ECONA 311	At the end of the course the students will be able: 1. To understand the concept of money and system of note issue in India 2. To analyse the Indian money and capital markets 3. To discuss the monetary management and instruments of money control 4. To examine the banking sector reforms after independence 5. To evaluate the role of RBI in Indian economic development
125.	Annual	3rd Year	Economy of Himachal Pradesh	ECONA 313	This course highlights the basic features, characteristics and development of issues of the Himachal Pradesh economy.
126.	Annual	3rd Year	Indian Economy	ECONA 314	This course seeks to enable the students to grasp the major economic problems in India and their solutions.
127.	Annual	3rd Year	Music Instrumental	301PR,301PR, (SEC) 303TH,304PR,305TH,306PR(DSE) 307TH,308PR(GE)	<p>○○○○○T○○○T ○○○○T○○○○○○○ ○○○○○T</p> <p>○○○○○T○○○T ○○○○○T○○○○○○○ ○○○○○T○○○T</p> <p>(○○○○○T) ○○</p>

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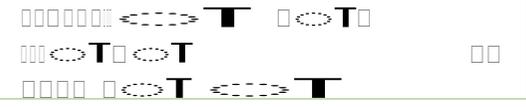
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						<p>                 1)Modern and contemporary world                  History 1:1870-1919                  GE                  Hist(A)305             </p>
<p>128.</p>	<p>Annual</p>	<p>3rd Year</p>				<p>                 After the completion of this course the students will come to know the main events of world History like unification of Italy and Germany, European hegemony and inter-imperialistic rivalries conflicts within Europe. They also came to know the emergence of USA after the civil war. Students of history will also come to know Japan's emergence as a world power, Reasons of first world war and its aftermath.             </p>
<p>129.</p>	<p>Annual</p>	<p>3rd Year</p>				<p>                 After the completion of this course the students will come to know the main events of world History like Versailles to Locarno treaties and their political consequences, League of nation, USA, USSR and Era of the great Depression. They also came to know the reasons of second world war, wartime diplomacy, defeat of the totalitarian state and emergence of the new world order, UNO, aims and objectives. Students of history will also come to know the Cold War, its ideological and political origins, NATO, SEATO, CENTO, Warsaw Pact and concept of globalization.             </p>
<p>130.</p>						<p>                 After the completion of this course the students will come to know Environment, Culture Tradition &amp; practices             </p>

a historical overview. They also came to know oral and codified information of medicine plants and water & water bodies. Students of history will also come to know the urbanization & urbanism, issue of

Annual

3rd Year

Indian History and  
culture

Hist(A)317 (Skill)

				settlements & landscapes issues of violence and Fair & Festival in India.
<b>131.</b>	Annual	3rd Year	Theory of Indian Music & study of ancient granthas & Ragas. MUSA 303TH	This course is designed to provide the students of 3rd.year an insight into the history of this Fine Art,that has been declared as a subject like others but it is simply a fine Art that is more practical than theoretical.So here in this course students are provided with the knowledge of our anicient granthas, Ragas and taals with expended forms of the each one.Almost a foundation for the PG course if someone wants to go for the same.
<b>132.</b>	Annual	3rd Year	MUSA 304PR	Practical Indian Music vocal/ the depth of this art form that is very vast in all its forms.
<b>133.</b>	Annual	3rd Year	Theory of Indian Music and Gharana Traditions vocal/ instrumental MUSA 305 TH.	This course along with expended knowledge of technical terminology of different specific terms , provides in-depth knowledge of Gharana system of Indian Classical music both in vocal and instrumental music.
<b>134.</b>	Annual	3rd Year	Practical Indian Music (vocal and instrumental) MUSA 306 PR (vocal/ Instrumental)	This course is again providing in-depth knowledge of practical aspect of Classical music both in vocal and instrumental music.
<b>135.</b>	Annual	3rd Year	Community and Traditional Media BJMCPAD301	The students will be able to understand the concept of community and traditional media.
<b>136.</b>			Introduction to Photojournalism BJMCPAD302P	<ul style="list-style-type: none"> <li>Describe the fundamental concept of the medium of photography; Combine the</li> </ul>

Annual

3rd Year

				Design storytelling through this visual medium.
137.	Annual	3rd Year	Communication Skills BJMCPAS303P	<ul style="list-style-type: none"> <li>• Students will be able to understand the difference of News photography from other photography and importance of photographs in news.</li> <li>• Students will be able to take photographs.</li> </ul>
138.	Annual	3rd Year	Film Appreciation Skills BJMCPAS304	<p>□ Students will be able to do understand the different theoretical perspective of self esteem, listening, self assertion and official communication.</p> <ul style="list-style-type: none"> <li>• Students will select the Language of Cinema and fundamentals of film form and content.</li> <li>• Students will understand the relationship between theory and practice.</li> <li>• Students will be classifying various fascinating aspects of Cinema.</li> <li>• Students will be able to define the crucial fine points that make Cinema.</li> </ul> <p>Students will be capable to create a simple script and implement a shoot based on the same</p>
139.	Annual	3rd Year	Media and Culture BJMCPAGE301	<ul style="list-style-type: none"> <li>• Students will be able to write and discuss on the issues related to media, culture and society</li> <li>• Students can easily recognize the impact of mass media on culture and society.</li> </ul>

<b>140.</b>			Introduction to Visual Communication	BJMCPAGE302	<p>1. Visual communication applies the fundamentals of major art forms for professional problem-solving. It is the conveyance of ideas and information in forms that can be read or looked upon.</p> <p>2. This unit will introduce students to the history, forms, elements, theories, meaning, and principles of visual communication.</p>
	Annual	3rd Year			
<b>141.</b>			Soft Skills	ENG DSE 303	<p>This course makes the students know about and learn the soft skills required in professional life. The course also includes class room activities which help the students practically make use of the soft skills.</p>
	Annual	3rd Year			
<b>142.</b>			Academic Writing and Composition	ENG DSE 304	<p>This course helps the students the various techniques involved in Academic writing and composition. The course makes them learn the art of writing in context with academic writings.</p>
	Annual	3rd Year			

## Bachelor of Science

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st Year	Problem Solving Using Computer	COMP101TH	<ul style="list-style-type: none"> <li>Learn the basic and introduction of computer Identity categories of computer, identify basic hardware components, discuss how information is processed</li> <li>Concept of problem solving, Problem definition, Program design, Debugging, Types of errors in programming, Documentation.</li> <li>Structure of a Python Program, Elements of Python, Python Interpreter, Using Python as calculator, Python shell, Indentation. Atoms, Identifiers and keywords, Literals, Strings, Operators</li> </ul>
2.	Annual	1st Year	Office Automation Tools	COMP102TH	<ul style="list-style-type: none"> <li>Word Processing: FormattingText, Pages, Lists, Tables</li> <li>Spreadsheets: Worksheets, formatting data, creating charts and graphs, using formulas and functions, macros, Pivot Table)</li> <li>Presentation Tools: Adding and formatting text, pictures,graphic objects, including charts, objects, formatting slides, notes, hand-outs, slideshows, using transitions, animations</li> </ul>

3.	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.

4.	Annual	B.sc 1 <sup>st</sup> year	Electricity Magnetism & EMT	PHYS-102TH	Electricity and magnetism are two most essential concepts of physics after studying these subjects students gets complete knowledge of flow of current, potential difference and electric files. Today computers and motors are both powered by electricity Magnetism also provide complete knowledge of various magnetic materials and their importance. Hence this branch of physics is of great importance in daily life as well as commercial purpose
5.	Annual	1st year	Differential Calculus	MATH101TH	After completion of this topic students come to know about basic of Calculus...limit and continuity, differentiability, Leibnitz theorem, important theorems concavity convexity asymptotes singular points polar coordinates partial differentials
6.	Annual	1st year	Differential Equations	MATH102TH	After completion of this course students become familiar with the basic theory of differential equations. They will be able to define and solve exact differential equations. They will be capable to solve higher order differential equations by using standard and special methods. They will be in a position to define Cauchy-Euler and Legendre Equation. They will learn to define and solve partial differential equations.
7.	Annual	1st Year	Environment t Science	ENVSAECCO 02	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.

8.	Annual	1st year	Biodiversity	BOTA 101	Students will be well acquainted with knowledge of plant biodiversity existing in the nature regarding its variety, variability, identification, modes of multiplication and economic importance in nature
9.	Annual	1st year	Plant ecology and taxonomy	BOTA 102	Students will be familiar with the identification, naming and classification of plants on the basis of their needs and interrelationships with environment how organisms influence the nature
10.	Annual	1st year	Animal Diversity	ZOOL101TH	Students will understand the classification, structure, function and biology of non-chordates & chordates of different taxonomic phyla and classes. They will also learn some special topics like locomotion in protozoa, canal system in porifera, polymorphism, metamerism, torsion detorsion, metamorphosis, vision, larval forms, osmoregulation, parental care in amphibians, poisonous and non-poisonous snakes, snake bite, migration of birds and phylogeny in chordates.
11.	Annual	1st year	Comparative anatomy and developmental biology of vertebrates	ZOOL102 TH	Students will understand the structures of different systems such as, integumentary, skeletal, digestive, respiratory, circulatory, urinogenital, nervous and sensory organs in comparative way among the vertebrate groups. Students also learn the different aspects of early, late, and postembryonic developments. They will have the knowledge about implications of developmental biology in various fields, such as in teratogenesis, stem cell biology, in vitro fertilization, cryopreservation etc.
12.	Annual	1st Year	chemistry	CHEM 101TH	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.

13.	Annual I	1st Year	chemistry	CHEM 102TH	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.
14.					To provide basic writing skills to the students through given topics.
	Annual	1st year	Writing skills	ENG AECC 104	
15.					<ul style="list-style-type: none"> <li>• Learn about the Logic gates, Boolean algebra, combinational circuits, circuitsimplification, flip- flops and sequential circuits, decoders, multiplexors, registers, counters and memory units.</li> <li>• Number systems, complements, fixed and floating- point representation, character representation, addition, subtraction, magnitude comparison. Computer registers, bus system, instruction set, timing and control, instruction cycle, memory reference, input-output and interrupt.</li> <li>• Register organization, arithmetic and logical micro- operations, stack organization, micro programmed control, Instruction formats, addressing modes, instruction codes, machine language, and assembly language, input output programming.</li> <li>• Peripheral devices, I/O interface, Modes of data transfer, direct memory</li> <li>• access.</li> </ul>
	Annual	2nd Year	Computer System Architecture	(COMP201TH )	

16.	2nd Year	Annual	Database Management System (COMP202TH)	
<ul style="list-style-type: none"> <li>• To study database management operations.</li> <li>• To study data security and its importance</li> <li>• To study client server architecture.</li> <li>• ER and EER to relational mapping functional dependencies, normal forms up to third normal form.</li> </ul>				
17.	2nd Year	Annual	PHP Programming (COMP203TH)	
<ul style="list-style-type: none"> <li>• PHP introduction, inventions and versions, important tools and software requirements, PHP with other technologies, scope of PHP, Basic Syntax, PHP variables and constants, Types of data in PHP, Expressions, scopes of a variable, PHP Operators</li> <li>• Capturing Form Data, GET and POST form methods, Dealing with multi value fields, Redirecting a form after submission</li> <li>• PHP IF Else conditional statements (Nested IF and Else), Switch case, while, For and Do While Loop, Goto, Break, Continue and exit Function, Need of Function, declaration and calling of a function, PHP Function with arguments, Default Arguments in Function, Function argument with call by value, call by reference, Scope of Function Global and Local</li> <li>• Creating and accessing String, Searching &amp; Replacing String, Formatting, joining and splitting String, String Related Library functions, Use and advantage of regular expression over inbuilt function, Use of preg_match(), preg_replace(), preg_split() functions in regular expression, Anatomy of an Array, Creating index based and Associative array.</li> </ul>				

18.	Annual	2nd Year	Plant Anatomy and Embryology .I Plant Physiology and Metabolism ..II Biofertilizers ..III	BOTA 201 BOTA 202 BOTA 203	After knowing these subjects students would know about the internal structure and metabolic behaviour of the plants. How we can enhance their growth with the application of Biofertilizers.
19.	Annual	2nd Year	Physiology and biochemistry	ZOOL201TH	Students will know the physiology of nerves, muscles, digestion, respiration, circulation excretion. They will also understand the basic fundamentals of biochemistry and metabolism of carbohydrates, lipids and proteins; the nature, mechanism and kinetics of enzyme action; oxidative phosphorylation and redox reactions.
20.	Annual	2nd Year	Genetics and Evolutionary Biology	ZOOL202TH	Students will learn the fundamental genetics like Mendelian and Non-Mendelian inheritances, linkages, mutations, sex determination of various animals, extrachromosomal inheritances, transposable genetic elements. Students will also know about population genetics, horse evolution, micro and macro evolution, various concepts about origin of species, extinctions, phylogenetic tree making.
21.	Annual	2nd Year	Apiculture	ZOOL204TH	Students will understand the basics about life cycle of honey bee & its diseases, bee keeping tools, equipments, techniques and managing beehives for honey production, pollination and marketing of various bee products. The course is useful for providing self employment to learners.
22.	Annual	2nd Year	Medical diagnostics	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.
23.	Annual	B.sc 2 <sup>nd</sup> Year	Statistical and Thermal Physics	PHYS-201 TH	Statistical physics is the plot of physics and it has educated students with countless modules in the universe and will demonstrate us further. Statistical aims at learning the macroscopic factors of a system in equilibrium.

					In statistical physics the practice the point that material contain at item
24.	Annual kj	B.sc 2 <sup>nd</sup> Year	Waves & Optics	PHYS-202TH	The physics and mathematics of waves motion underlie many importance phenomenon the water wave on the sea and quantum mechanism associated with an electron can be describe in similar way. Light to often display proprieties that are wave light. After studying this subject students get the knowledge of behaviour of light as well as etc exchanges with matter and development of equipment that uses it also very useful in security system to CCTV System which has become the common man
25.	Annual	B.sc 2 <sup>nd</sup> Year	Workshop Skill.	PHYS-203TH	This subject is of prime importance in practical applications . Students gets complete knowledge of manufacturing methods such as casting , Welding and concept of machines processing. Use of mustimeters, soldering of electric circuit , knowledge of IC's on PCB is also very well elaborated and explained. Students also get complete knowledge of use of voltmeter, ammeter multimeter , CRO which is very much practical orientated
26.					
27.	Annual	2nd Year	Basic instrumentatio n skills	PHYS206T H	Learning Outcomes: 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.

28.	Annual	2nd Year	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Organic Chemistry	CHEM 201 TH	After having completed the course, students will be able to understand the basic concepts of ideal and non-ideal solutions, Raoult's law, azeotropes, critical solution temperature and solvent extraction process. Further, student will also learn about phase rule and phase diagrams for one and two component systems. In the later part of the course students will be imparted the knowledge of basic electrochemistry, different types of cells, thermodynamics of cell reaction and determination of pH using some standard electrodes. In the end students will also have comprehensive view of functional group approach in organic chemistry with special reference to carboxylic acid, acid derivatives, amines and carbohydrates.
29.	Annual	2nd Year	Chemistry of Main Group Elements, Chemical Energetics and Equilibria	CHEM202 TH	In present course, at the end of course completion, student will acquire the knowledge of s and p block elements, periodic properties and their trend in periodic table. Study of Hydrogen and Noble gases will remain the essential element of learning in this course. Besides, students will also be able to gain knowledge of thermodynamics, its various laws and some interesting features of Chemical and Ionic equilibria.
30.	Annual	2nd Year	Basic Analytical Chemistry	SEC-CHEM 203	In the present skill enhancement course, after accomplishment, students will be able to learn fundamentals of analytical chemistry and various analytical techniques. On the basis of techniques learned, students will be able to analyse soil, water and cosmetics etc. Chromatography has been discussed in detail in later part of the course that will benefit the students in greater way to develop analytical skills.
31.	Annual	2nd Year	Fuel Chemistry and Chemistry of Cosmetics & Perfumes	SEC-CHEM 204	The present course enables the students to acquire substantial knowledge of energy resources and their categorization into renewable and non-renewable forms. Stake holders will be highly benefitted from the knowledge resource that they obtain from study of common energy sources like coal, petroleum, natural gas etc. The knowledge of separation and refining techniques like fractional distillation will greatly affect the practical skills of students. Cosmetics and perfumes discussed in the end of this course will impart knowledge to students that help them in everyday life.

32.	Annual	2nd Year	Real Analysis	MATH201TH	After completion of this course the students will be able to define bounded sets, suprema and infima, Archimedian property of real numbers and Bolzano-Weierstrass theorem .They will learn about sequences and series of real numbers and functions.They will be able to apply different tests to solve sequences and series.They will develop critical thinking skills.By using logic and reasoning they will apply the right method or formula to identify the alternative solutions to problems.
33.	Annual	2nd Year	Algebra	MATH 202 TH	After completion of the course students will be familiar with groups, subgroups, normal subgroups, rings, homomorphism, integral domain, fields etc
34.	Annual	2nd Year	Integral calculus	MATH309TH	After completion of this topic students come to know about basics of integration. Reduction formulae,double and triple integration
35.	Annual	2nd Year	Vector calculus	MATH310TH	After the completion of this subject students will learn about scalar and vector product of three vectors , reciprocal vector, derivatives along a curve, gradient of scalar point function, gradient,laplacian operator, orthogonal curvilinear coordinates, condition for ortogonality,curl and laplacian operator in terms of orthogonal curvilinear coordinators, line integral,surface integral,theorems of gauss.
36.	Annual	3rd year	Operating System	(COMP301TH)	<ul style="list-style-type: none"> <li>• To understand the objectives,structure and functions of operating system</li> <li>• To learn about concept of processes, threads and its scheduling algorithms</li> <li>• To understand design issues in process synchronization and deadlock management</li> <li>• To study various memory management schemes</li> <li>• To learn about concept file and I/O</li> </ul>

management in detail					
37.	Annual	3rd year	Data Structure and File Processing	(COMP302TH)	<ul style="list-style-type: none"> <li>Understand the abstract datatypes, stack, queue, dequeue and list</li> <li>knowledge of Binary tree, B-tree, Graph</li> <li>Writing programming on datastructure dealing with stack, Queue, List, Searching and Sorting algorithms etc.</li> </ul>
38.	Annual	3rd year	Software Engineering	(COMP303TH)	<ul style="list-style-type: none"> <li>To understand system concepts</li> <li>To know about software engineering and its application in Software development</li> </ul>
39.	Annual	3 <sup>rd</sup> year	Medicinal Botany & Ethnobotany	BOTA306	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
40.	Annual	3 <sup>rd</sup> year	Mushroom Cultivation Technology	BOTA307	Students will have a general knowledge about the different types of edible mushrooms and their nutritional and medicinal values, some basic concepts related to their cultivation technology, methods of mushroom storage, their food value & marketing avenues in India and Abroad
41.	Annual	3rd Year	Probability and Statistics	MATH313TH	After the completion of the course students will be familiar with probability density function, moment generating functions, binomial distribution, normal distribution, functions of two variables etc.

<b>42.</b>	Annual	3rd Year	Linear Algebra	MATH303TH	After completion of this book students come to know about basic of linear algebra, vector spaces , vector subspaces, basis and dimensions,L,D,L.etc
<b>43.</b>	Annual	3rd Year	Numerical methods	MATH304TH	After the completion of topic students come to know about the basics of algorithm bisection,false position ,Newton's method,gauss Jacobi,SOR iterative method, interpolation,,forward difference and backward difference method, numerical differentiation, Trapezoidal rule , Simpson rule and Euler's method.After completing the course students will be able to define and solve the problem.The ability to apply the general rules to specific problems will be developed among students.
<b>44.</b>	Annual	3rd Year	Transportation and Game Theory	MATH317TH	The students will be able to define and solve transportation problem by using methods like NWCM, LCEM and VAM after completing this course.Further, they will be able to check the optimality of the initial feasible solution obtained using the above said methods.The students will be familiar with the assignment problems. They will learn about game theory and different methods to solve the related problems.The ability to apply general rules to specific problems will be developed among students.
<b>45.</b>	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.

46.	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.
47.	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.
48.	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.	
49.	Annual	3rd Year	Inorganic Chemistry	CHEM 304 th	After studying this course students will be able to get the detailed knowledge about Transition & Inner Transition elements. A thorough explanation abouts coordination and organometallic compounds with special emphasis on Crystal Field splitting in these compounds will also be explained to them.
50.	Annual	3rd Year	Nuclear and particle Physics	PHYS304TH	Upon successful completion of this course, students will be able to: <ul style="list-style-type: none"> <li>-Identify properties of the nucleus and other sub-atomic particles.</li> <li>- Understanding the structure of Atom and nucleus through Rutherford model and Bohr model of Atom.</li> <li>- Describe theories explaining the structure of atoms and the origin of the observed spectra.</li> <li>- Explain different Nuclear properties with the help of Quantum Mechanics.</li> <li>- Basic idea of Nuclear reactions, Detectors and Accelerators.</li> <li>- Basic idea and preview of Particle Physics.</li> </ul>
51.	Annual	3rd Year	Elements of Modern Physics	PHYS301TH	Upon successful completion of this course, students will be able to <ul style="list-style-type: none"> <li>-Understand and explain the differences between classical and quantum mechanics.</li> <li>- Understanding of origin of quantum mechanics through Photoelectric effect, Compton effect and road to Schrodinger equation with universal principles like matter waves and uncertainty principle.</li> <li>Solve Schrodinger equation for simple potentials in one dimensions.</li> <li>-Assess whether a solution to a given problem is physically reasonable.</li> <li>- Explanation of Nuclear properties with formalism of quantum mechanics</li> </ul>

52.	Annual	B.sc 3 <sup>rd</sup> Year	Renewable sources of energy	PHYS310TH	By studying this branch of physics students get knowledge of solar energy, wind energy hydro energy which produces no greenhouse emissions. And reduces some types of air pollutions it also reduces the dependents on conventional fuel such as petrol diesel etc.
53.	Annual	3rd Year	Economic Botany and biotechnology	BOTA 301	This course shall help students develop an understanding of the taxonomic diversity of useful plants and their products, different ways in which they are used and why they should be conserved. The biotechnology section gives a basic knowledge of techniques used as diagnostic tools at molecular level.
54.	Annual	3rd Year	Cell and molecular biology	BOTA303	The students will study the structure and functions of various components of a cell, the basic unit of life. In addition, the study of DNA and how it regulates the cell at molecular level shall provide an insight into the working of this wonder molecule. This understanding is a prerequisite in the fields of genetics, biomedicine, cancer research etc.
55.	Annual	3rd Year	Applied zoology	ZOOL301(a)	Students will learn about different bacterial diseases, vector borne diseases and related life cycles, epidemiology, pathology, diagnosis, symptoms and treatments. They will also have the knowledge of parasitology such as origin & evolution of parasitism, role of vectors, parasitoids, host-parasite interactions; insects of economic and medical importance; animal husbandry, poultry farming and fish technology etc.
56.	Annual	3rd Year	Immunology	ZOOL302(b)	Students will develop knowledge about structures and function of immune cells, immunoglobulins, antigens and their interactions with antibodies. They will know about MHC molecules, cytokines, hypersensitivity reactions, cellular mode of immunity development, immune diffusion technique and ELISA.
57.	Annual	3rd Year	Sericulture	ZOOL303TH	This course gives scientific knowledge about mulberry cultivation, silkworm rearing techniques and production of all the five known commercial silks namely - Mulberry, Tropical tasar, Oak tasar, Eri & Munga. The main aim of this course is to create a skilled workforce in India, who can perform multiple roles in the field of sericulture and this course give employment & job opportunities in the public, private & government sector.

<b>58.</b>	Annual	3rd Year	Aquarium Keeping	Fish	ZOOL304(A)TH	This course inculcates importance of aquarium fish keeping in relation with entrepreneurship development. It gives knowledge about various techniques of fish breeding, rearing and its marketing to make them self-sustainable after graduation. Students learn techniques of construction of glass aquarium & its maintenance; fish food production and health related problems with ornamental fishes.
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## Bachelor of Commerce for 2021-22

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	Annual	1st Year	Paryojanmoolak hindi Core course	BA/BCo m HIND10 1	Students become 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, noun, pronoun.
2.	Annual	1st year	Compulsory English	ENGCE101	To provide grammar and language skills through the given poems, stories and essays.
3.	Annual	1st year	Business Organization Management	BC 1.2	This course will help students to understand the manufacturing and service sector, corporate social responsibility, forms of business organizations, Management and Organization, leadership,

					motivation, control, marketing mgt., financial mgt and human resource management.
4.	Annual	1st year	BUSINESS LAW	BC 1.3	The objective of the course is to introduce the students with basic law along with business legislation and case studies. The students will be aware about business dealings and their impact while doing any transaction.
5.	Annual	1st year	Financial Accounting	BC 1.1	
6.	Annual	2nd Year	Income Tax Law and practice	BC 2.2	This course enhanced the knowledge about income tax and also aware students regarding filling income tax return.
7.	Annual	2nd Year	COMPUTER APPLICATION	BC 2.3 (SEC-1)	It is basically a skill enhancement course for understanding usefulness of computer as well as how to use MS Word software .It enhances the skill of students for using information technology tool in daily life and business.
8.	Annual	2nd Year	Corporate accounting	BC 2.4	The course will provide the information regarding issue and forfeiture of shares, issue and redemption of debentures, final accounts of companies, amalgamation of companies, holding company, accounting of banking companies and cash flow statement.
9.	Annual	2nd Year	E-COMMERCE	BC 2.6 (SEC-II)	The objective of this course is to impart the knowledge to the students how online business works in front end and back end. To familiarize the students regarding e-payment system and back-end protocols and programming related to this. In addition to it, for skill enhancement it helps the students to create their own website by using HTML.
10.	Annual	2nd Year	Cost accounting	BC 2.5	Cost accounting is very essential subject from which students can learn about per unit cost, what are the element of cost and various method of costing such as contract costing, process costing etc.

11.	Annual	2nd Year	Corporate accounting	BC 2.4	The course will provide the information regarding issue and forfeiture of shares, issue and redemption of debentures, final accounts of companies, amalgamation of companies, holding company, accounting of banking companies and cash flow statement.
12.	Annual	3rd Year	Corporate Governance and Auditing	BC 3.1(c)	The course will provide the knowledge regarding concept of corporate governance, business ethics, concept of CSR, Auditing and company auditor and special areas of audit.
13.	Annual	3rd Year	Fundamental of Financial Management	BC 3.2a	Students learn by this subject for taking financial decision such as how to achieve wealth maximization objective of business by studying NPV, IRR and Budgeting etc.
14.	Annual	3rd Year	Entrepreneurship	BC 3.3	This course will help the students to understand the concept of entrepreneurship, creativity, innovation, stimulations, self-help groups, business incubator, project report and contract management for start-up.
15.	Annual	3rd Year	Management accounting	3.5c	Students learn from this subject how to take managerial decision by analysis of financial statement and ratio analysis, and marginal costing and standard costing
16.	Annual	3rd Year	Fundamental of investment	BC 3.6c	Students learnt from this subject how to take investment decision with the help of fundamental and technical analysis.
17.	Annual	3rd Year	PERSONAL SELLING AND SALESMANSHIP	BC 3.7	This course makes the students understand about the fundamentals of personal selling. They study different avenues as salesperson as career opportunity and basic understandings about customer dealing.

18.	Annual	3rd Year	Principles of micro economics	BC3.4	After completion of this course students will be familiar with demand and supply, theories of ordinal utility analysis, theories of production and cost, different markets and factor pricing.
19.	Annual	3rd Year	Indian Economy	BC3.8	This course seeks to enable the students to grasp the major economic problems in India and their solutions. It also seeks to provide an understanding of modern tools of macro-economic analysis and policy framework.

### Master of Arts (English)

Sr. No.	System	Year/Semester	Subject	Subject Code	Course Outcomes
1.	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
2.	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.
3.	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.

4.	Semester	I st Semester	Nineteenth Century Fiction	Course-4	In this course the students tend to learn about Fiction as a genre and its related/ various characteristics. The works introduced to the students are from 19 <sup>th</sup> century England.
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5.	Semester	II nd Semester	History of English Literature: Nineteenth to Twentieth Century	Course -5	Students will come to know about the various movements and trends which came in English literature in various ages and times from 100 century to the modern times. The course also tends to cover not only the literature produced in England but in other countries as well.
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	II nd Semester	Modern Fiction	Course-7	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.
8.	Semester	II nd Semester	Growth and Structure of English language	Course-8	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.
9.	Semester	III rd Semester	Literary Criticism from Aristotle to T.S.Eliot	Course-9	Criticism is an important part of a literary activity or course. Keeping this in mind the present course tries to inculcate critical insight in the students. The texts from various classical times to modern age makes the students understand various nuances of literary criticism.
10.	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.
11.	Semester	III rd Semester	Modern British Drama	Course-11	Drama is mode of fictional representation through dialogues and performance. It is a literary genre, form designed for theatre. In the concerned course students will learn about history and some prominent plays of English dramatists during the modern age.

12.	Semester	III rd Semester	World Fiction	Course-12	The present course provides the students with an opportunity to make a detailed study of certain masterpieces in the area of world fiction. The students have the choice to study either African Literature or Australian Literature or Canadian Literature
13.	Semester	IV th Semester	Contemporary Literary Theory	Course-13	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.
14.	Semester	IV th Semester	Modern European drama	Course-14	This course provides the students with an opportunity to make a detailed study of certain masterpieces in the area of modern European plays. The students have the choice to study either Modern British Drama or Modern American Drama.
15.	Semester	IV th Semester	Indian Writing in English	Course-15	This course provides the students with an opportunity to study certain writers of prominence from India. The works they study in this course include 3 novels and 3 collections of poems by writers from India.
16.	Semester	IV th Semester	Indian Writing in Translation	Course-16	In this course students will come across with translated works of Kalidas' Abhijananshakuntalan, Bisham 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
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1.	Semester	I st Semester	Management & Organisational Behaviour	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.
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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	1st Year	Managerial Economics	MC 1.3	Students able to know about economical demand & Supply and various theory regarding micro economics.
4.	Semester	1st Year	Statistical Analysis for Decision Making	MC 1.4	Students able to know about statistical tools which are very essential for social science research purpose such as regression analysis, F-test, Chi square test etc.
5.	Semester	1st Year	Taxation Practices and administration	MC 1.5	This is very essential subject which students can learn about the direct taxation rules and regulation as well as how to file online ITR etc.
6.	Semester	IIInd Semester	Corporate Financial Accounting	MC 2.1	This subject concern with basic concept of companies accounting.
7.	Semester	IIInd Semester	Financial Management	MC 2.2	This subject concern with basic concept of finance, capital budgeting, capital structure and Dividend policy.
8.	Semester	IIInd Semester	Human Resource Management	MC 2.3	
9.	Semester	IIInd Semester	Marketing Management	MC 2.4	
10.	Semester	IIInd Semester	Financial Institution and Market	MC 2.5	
11.	Semester	IIIrd Semester	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

12.	Semester	IIIrd 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.
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13.	Semester	IIIrd Semester	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
14.	Semester	IIIrd Semester	Computer Applications In Business	MC 3.1	<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>
15.	Semester	III rd Semester	Research Methodology	MC 3.5	<p>This subject concern with research problem, developing a research design and developing scales to measure response.</p> <p>Data processing and data analysis have been covered adequately.</p>
16.	Semester	IV th Semester	Advance Financial Management	MC 4.1	Students can learn form this subject various financial decision with related to financial statement and ratios etc.
17.	Semester	IV th Semester	Project Planning and Control	MC 4.3	Students can learn the various variable internal and external associated with the project.
18.	Semester	IV th Semester	Project Report and Viva-Voce	MC 4.6	This is correlated with research purpose which students prepared the project report and vivo was conducted by professor form HP university
19.	Semester	IV th Semester	Security analysis and Portfolio	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

Management

planning.

20.	Semester	IV th Semester	Accounting for managerial decision	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.
21.	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.

## 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	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 After studying this course, students will come to know that protection of environment is very important for us.
4	Semester	II nd Semester	Managerial Economics	BBA202	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.
5	Semester	II nd Semester	Business Ethics and CSR	BBA204	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.
6	Semester	II nd Semester	Business Accounting	BBA203	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.

7	Semester	II nd Semester	Business Accounting	BBA203	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.
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	<p>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.</p> <p>By studying this course, students will know how to manage the diverse workforce in business.</p>
12	Semester	IV th Semester	Business Research	BBA401	<p>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.</p>
13	Semester	IV th Semester	Financial Management	BBA403	<p>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.</p>
14	Semester	IV th Semester	Human Resource Management	BBA402	<p>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.</p>

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 360degree 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.
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## 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 <ul style="list-style-type: none"> <li>· to perform documentation</li> <li>· to perform accounting operations</li> <li>· to perform presentation skills</li> </ul>
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)	<p>Upon completing this course, attendees will be able to:</p> <ul style="list-style-type: none"> <li>· understand how Access is used and how to navigate around it</li> <li>· design a database with lookup tables</li> <li>· create a database structure using Access</li> <li>· modify the structure of an existing table</li> <li>· add records to a new table</li> <li>· add transactional records to a lookup database</li> <li>· work with the records in a database table</li> <li>· sort and filter records in a table</li> <li>· create simple and effective queries</li> <li>· create meaningful reports from tables</li> <li>· create and use forms</li> </ul>
14	Semester III rd Semester	Mathematics -III	BCA0301	<p>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.</p>
15	Semester III rd Semester	Computer Organization	BCA0303	<p>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.</p>
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"> <li>1 Understand the difference between the top-down and bottom-up approach</li> <li>2 Describe the object-oriented programming approach in connection with C++</li> <li>3 Apply the concepts of object-oriented programming</li> <li>4 Illustrate the process of data file manipulations using C++</li> <li>5 Apply virtual and pure virtual function &amp; complex programming situations</li> </ol>

17	Semester III rd Semester	Object Oriented Programming with C++ Lab-V	BCA0304(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
18	Semester III rd Semester	Desktop Publishing and Designing	BCA0305	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. 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	The student will be able to analyse business problems and develop a requirement <sup>o</sup> 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.
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 trapzodial 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	Upon successful completion of this course, student will be able to explain the core concepts of computer graphics, including viewing, projection, perspective, modelling and transformation in two and three dimensions. apply the concepts of colour models, lighting and shading models, textures, ray tracing, hidden surface elimination, anti-aliasing, and rendering. interpret the mathematical foundation of the concepts of computer graphics. describe the fundamentals of animation, parametric curves and surfaces, and spotlighting. identify a typical graphics pipeline and apply graphics programming techniques to design and create computer graphics. create effective OpenGL programs to solve graphics programming issues, including 3D transformation, objects modelling, colour modelling, lighting, textures,

35	Semester	VI th Semester	Software Engineering	BCA0605	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
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"> <li>1. Demonstrate a sound technical knowledge of their selected project topic.</li> <li>2. Undertake problem identification, formulation and solution.</li> <li>3. Design engineering solutions to complex problems utilising a systems approach.</li> <li>4. Conduct an engineering project</li> <li>5. Communicate with engineers and the community at large in written an oral forms.</li> <li>6. Demonstrate the knowledge, skills and attitudes of a professional engineer.</li> </ol>

PROGRAMME SPECIFIC OUTCOMES					
S.No.	System				
1	Semester				
2	Semester				

3	Semester	1st Semester	Comparative Politics	Paper-iii	After the completion of this course, students will be able to learn about comparative method in comparative politics.
4	Semester	1st Semester	International Politics	Paper-iv	After completion of this course, the students will be able to learn about various theories and approaches to the study of International Politics.
5	Semester	2nd Year	Western Political Thought	Paper-v	After having completed this course, the students will know about Socialism and communism.
6	Semester	2nd Semester	Recent Trends in Indian Politics	Paper-vi	After completion of this course, the students will be able to learn about Liberalization, Globalization and Privatization in Indian Politics
7	Semester	2nd Semester	Comparative Politics and Political Analysis	Paper-vii	This course will enable the students to learn about types of Political executives, legislature and judiciary.
8	Semester	2nd Semester	Emerging World Order	Paper-viii	After completion of this course, students will be able to learn about end of cold war, new World order or disorder in International Politics.
9	Semester	3rd Semester	Indian Political Thought	Paper-ix	After completion of the present course, student will learn about various Political ideologies of Indian Political Thinkers like Mannu, Kautilya, Vivekananda and Gandhi.
10	Semester	3rd Semester	Regional Politics in India	Paper-x	After studying this course, the students will be able to know the role of caste, regionalism and regional movements in different states of India.

11	Semester	3rd Semester	Theories of Nationalism and Processes of National Building	Paper-xi	In this course, after course completion, students will be imparted the knowledge to understand Nation, Nationality and various agents of National building.
12	Semester	3rd Semester	India's Foreign Policy and Relations	Paper-xii	In this course, after completion, students will be able to learn about communitarianism verses Individualism debate by Charles Taylor and Robert Nozick.
13	Semester	3rd Semester	India" s Foreign Policy and Relations	Paper-xiii	After completing this course, student will be able to understand the India's relations with neighboring states Pakistan, Bangladesh, Nepal and Sri Lanka.
14	Semester	4th Semester	Politics in South Asia	Paper-xiv	After completing this course, students will be able to understand about Political elites and pressure groups in South Asian states.
15	Semester	4th Semester	Society, Economy and Politics	Paper-xv	After studying this course, students will be able to understand about Polics of pressure groups in HP with reference to fruit, vegetable and apple growers" associations of HP.

16	Semester	4th Semester	Public International Law	Paper-xvi	After completing this course, stakeholders will be able to understand about law of peace, war and neutrality in international politics
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## Bachelor of Vocational Education(B.Voc.)

S.No.	System				
1					
2	Semester				
3	Semester				

4	Semester	1st Semester	Front Office Associate	TH121/TH122/TH123	At the end of this course students will be able to: understand Hospitality Industry, record guest details for registration and follow check in procedure and allot room, attend to guest queries, perform cashiering activities, communicate with customer and colleagues, maintain customer centric service orientation, maintain standard of etiquette and hospitable conduct, maintain health, hygiene and safety at work place.
5	Semester	2nd Year	Travel Geography	TH511	After this subject student would be able to know the geography of Indian top famous tourist destinations and gets the knowledge of different Himalayan ranges and coastal tourist destinations also the activities available there
6	Semester	2nd Year	Travel agency management and operations	TH313	After completion of this subject student gets the knowledge about the travel agency/agent/tour operator. Students can make the tour packages and can do the costing of the tour package. Students know the formalities to start a travel agency.
7	Semester	3rd Semester	Basics of tourism management	TH312	This course will help the students to learn the basics of tourism management in hospitality industry .by studying this course students will understand the concept of tourism, process of planning, forecasting and decision making in the management and also understand the the scope of staffing and concept of managerial control etc.
8	Semester	3rd Semester	Stores operations and Supply chain management	RA312	Students get knowledge about store operations, store security and supply chain, its advantages, recruitment and selection of store employees, inventory management etc.
9	Semester	3rd Semester	Departmental manager	Skill	After this course students will be trained in Departmental manager qualification. It provides learners with necessary knowledge to carry out job role and functions of Retail Departmental Manager in retail industry.

10	Semester	3rd Semester	Store Manager	Skill	After completion of this subject students gets the knowledge about the various departments of the hotel and work culture of the front office
11	Semester	4th Semester	Human resource management	RA 412	After completion of this course students get knowledge about human resource importance and its management need, compensation tools, job analysis and industrial relations, industrial safety etc
12	Semester	5th Semester	Entrepreneurship in Tourism and Hospitality industry	TH513	This course will help students to learn skills about hospitality industry and to know about that how they can become a good entrepreneur by setting up any tourism enterprise (hotel, resort, restaurants and home stay etc. By using good business strategies and analysis of competition.
13	Semester	5th Semester	Introduction to Tourism Marketing	TH514	At the end of this course students will be able to understand meaning, types, marketing approaches, meaning, features, comments of tourism products' in tourism marketing, MIS, Product Mix, importance of marketing in tourism and it's implications.

14	Semester	5th Semester	RETAIL MANAGEMENT/ RETAIL STORE MANAGER	Skill	BVoc course is of three years duration, further divided into six semesters. The course curriculum of BVoc is industry-based which contains about 40% general education (theory) and 60% vocational training (practical) components. This means that apart from studying the regular curriculum, all students need to undergo industrial training or project work for at least four to eight weeks in every semester. courses deals more with skill abilities based study rather than focusing only on theoretical knowledge. After completing the course students already well aware about retail industries.
	15	Semester	5th Semester	Duty Manager (Skill)	HT521/HT522/HT523/HT621

## Master of Arts (Economics)

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcome
1	Semester	1st Semester	Labour Economics	MEC-14	By the end of the course students will be able to:- 1. examine various factors affecting demand and supply of labour 2. explain unemployment as a source of human capital 3. illustrate wage rate determination in different sectors of the economy 4. classify various methods of the settlement of industrial disputes 5. evaluate the government labour policies for the socio-economic upliftment of the labour

2	Semester	1st Semester	Data Management and Presentation Using Microsoft Excel	MEA-15	By the end of this laboratory based hands-on practical training course students will be able to:- 1. handle data and solve basic algebraic problems using excel 2. use different logical and statistical functions in excel to compute descriptive statistics of a univariate and multivariate data set 3. present data using different types of graph using solver in excel students will be able to solve linear equation system and LPP and NLPP.
	3	Semester	1st Semester	Microeconomics	MEC-11(Course-I)
4	Semester	1st Semester	Elementary Mathematics for Economics	MEC-12(Course-III)	The end of the course, students will be able to: Understand the basis rules of matrix algebra and apply the same to solve Mathematical model constraining systems of simultaneous equation Understand and extent the technique of differential calculus to compute value of variables etc Solve the differential and difference equation Along with their economic application, Compute the consumer surplus and producer surplus by utilising the tools of Integral calculus
	5	Semester	1st Semester	International Economics	MEC-13(Course-II)

6	Semester	2nd Semester	Money and Banking	Course-V	By the end of the course, students will be able to understand the concept of money and various approaches related to money, explain the functioning of money and capital markets, process of credit creation, interpret demand and supply of money, Money multiplier and its determinants and roll of RBI, analyse the working of monetary policy, summarize the role of national and international financial institutions.
7	Semester	2nd Semester	Macro Economics	Course -IV	By the end of the course students will be able to 1. discuss the classical viewpoint about Income output and Employment determination and explain various macroeconomic theory of consumer behaviour 2. distinguish between Keynesian and Post Keynesian views regarding the income, output and employment 3. understand money market and related concepts 4. explain various Macro Economic growth models and elaborate stabilization policies
8	Semester	2nd Semester	Evaluating Contemporary Economic Issues	MEA-25	The objective of the course is 1. to develop the capacity of students to analyse and appreciate contemporary economic issues and policy pronouncements. 2. to make the students able to write a report and subsequent modules on the basis of interactive lectures, group discussions and group presentation 3. to present their analysis in the form of a written report
9	Semester	2nd Semester	Basic Statistics	Course-VI	The students will be familiar with sampling technique collection of data like that primary data classification of data analysis of data features of a good questionnaire Use of statistical tools t test F test regression and correlation Coefficient Along with the students will be able to find out what is significance of different test, The outcome of the students' progress on the basis of sampling method and class test
10	Semester	3rd Semester	Agricultural Economics	Course-IX(1)	By the end of the course, students will be able to Develop the Understanding of the interdependence between agriculture and industrial Development, Make use of agriculture production Functions, identity and also risk and uncertainty in agriculture, Understand and build models for India's Agricultural Development, Compare and contrast the traditional and modern source of Agricultural finance
11	Semester	3rd Semester	History of Economic Thought	Course-VIII	By the end of the course students will be able to trace the evolution of the subject matter of economics starting with mercantilists, draw inferences about the relevance of classical economics, socialist economic thought, historical critiques of and Marx in the present

12				context, demonstrate the relevance of neo classical economics and identify contribution of Austrian school, explain and interpret Keynesian and post Keynesian economics and understand basic Indian economic thought.
	Semester	3rd Semester	Economics of Development and planning	Course -VII
13				After the completion of the course students will be able to 1. explain the concepts of economic growth structural changes and economic development 2. compare and contrast classical Marxian and other theories of economic development 3. analyse state intervention under LPG and evaluate and construct development plans using appropriate techniques 4. understand and evaluate development models 5. critically examine the policy debate around India's development trajectory
	Semester	4th Semester	Public Finance	Course - XI
14				By the end of the course students will be able to 1. examine the concepts of maximum social advantage keeping in view market failure and free Riders problem 2. understand and make use of taxation system of India 3. outline the theories, concepts and meaning of public debt and public expenditure in India 4. interpret and elaborate classification of budget and fiscal policy for stability growth and economic development 5. evaluate the growth and composition of statutory and non-statutory financial resources in India
	Semester	4th Semester	Indian Economy	Course-X
15				By the end of the course students will be able to evaluate the evolution of Indian Economy and identify key issues in development of Indian Economy, dissect and examine sectoral development specifically agricultural and industrial development, interpret and elaborate financial sector and related policies, inspect and explain Indian Economy in the context of India's foreign trade, evaluate the performance of Indian Economy's development trajectory.
	Semester	4th Semester	Industrial Economics	Course-XII (ii)
				By the end of the course, students will be able to, Have the knowledge of the different theories of Industrial location Outline the Impact of Employment and industrialisation Market structure conduct and performance and their interrelation, Discuss the social cost and private, uncertainty Identify the valuation methodologies of invironmental damage

# PGDCA

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcome
1	Semester	1st Semester	Programming in c	DCS101	provide knowledge of computer language
2	Semester	1st Semester	pc software	DCS102	Provides the instructions that tell the computer what to do
3	Semester	1st Semester	operating System	DCS103	provides the instructions that tell the computer what to do
4	Semester	1st Semester	Ccomputer Organisation and architecture	DCS104	To know the background of internal communication of computer
5	Semester	1st semester	C Language lab	DCS105	practical work
6	Semester	1st semester	pc software Lab	DCS106	practical work
7	Semester	2nd semester	Data and file structure	DCS201	To develop the ability to analyze the running time and prove the correctness of basic algorithms

	Semester	2nd semester	System analysis and design	DCS202	To understand and analyze the systems development life cycle, system modeling, system implementation, and systems security.
8	Semester	2 nd semester	Programming in c++	DCS203	Create and analyze algorithms for solving simple problemsm implementation, and systems security.
9	Semester	2nd semester	Database management system	DCS204	Students get practical knowledge on designing and creating relational database systems
10	Semester	2nd semester	C ++ lab	DCS205	Create and analyze algorithms for solving simple problems
11	Semester	2nd semester	DBMS lab	DCS206	Students get practical knowledge on designing and creating relational database systems
12	Semester	2nd semester	project work	DCS207	practical work

## Master of Business Administration(MBA)

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcome
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1	1 <sup>st</sup> Semester	ACCOUNTING FOR MANAGERIAL DECISIONS	MBA-101	Helps to develop acquaintance with basic techniques of accountancy. The course attempts to build potential to use appropriate accounting tools and techniques of financial accounting and management accounting for preparing and analyzing financial statements
	Semester			
2	1 <sup>st</sup> Semester	MARKETING MANAGEMENT	MBA-102	Helps to understand the nature, tasks and the environment under which marketing operates, to study the theory, principles and practical aspects of various marketing functions & to learn to take marketing decisions.
	Semester			
3	1 <sup>st</sup> Semester	MANAGEMENT PRACTICES AND ORGANISATIONAL BEHAVIOUR	MBA-103	Helps to make student aware with basic management concepts and behavioral process in the Organization.
	Semester			
4	1 <sup>st</sup> Semester	BUSINESS ENVIRONMENT	MBA-104	Helps to provide the insight to the students about the changes that are taking place in the Business Environment, the effect of these changes on business and the demand placed on managers regarding national and global business environment.
	Semester			
5	1 <sup>st</sup> Semester	HUMAN RESOURCE MANAGEMENT	MBA-105	Helps to make student aware of the various functions and importance of the HR department in any organization. It is basically concerned with managing the human resources, whereby the underlying objective is to attract retain and motivate the human resources in any organization.
	Semester			
6	1 <sup>st</sup> Semester	COMPUTER APPLICATIONS IN BUSINESS	MBA-106	This course offers a good understanding of basics of Information Technology. It is basically concerned with developing an appreciation of different software and hardware system available in the industry among the students.
	Semester			
7	1 <sup>st</sup> Semester	HUMAN VALUES AND PROFESIONAL & ETHICS	MBA-107	Helps to make student understand the moral values that ought to guide them in the society and it is intended to develop a set of beliefs, attitudes ethics that students should display concerning morality.
	Semester			
8	2 <sup>nd</sup> Semester	BUSINESS STATISTICS AND COMPUTING SKILLS	MBA-201	Helps to train the students to use various statistical methods in order to understand, analyze and interpret various business, managerial and economic problems.
	Semester			

9	2 <sup>nd</sup> Semester	FINANCIAL MANAGEMENT	MBA-202	Helps to develop understanding of different concepts and theories underlying financial management and implications of various financial techniques.
	Semester			
10	2 <sup>nd</sup> Semester	BUSINESS RESEARCH METHODS	MBA-203	Helps s to make the learner aware of the basic concepts of Research Methodology and prepare them for conducting research project.
	Semester			
11	2 <sup>nd</sup> Semester	MANAGERIAL ECONOMICS	MBA-204	Helps to provide students with an understanding of basic economic principles of production & exchange-essential tools in making business decisions in today's global economy.
	Semester			
12	2 <sup>nd</sup> Semester	PRODUCTION AND OPERATIONS MANAGEMENT	MBA-205	Helps to understand a systems view of operations, to understand the conversion of inputs into outputs with various technologies.
	Semester			
13	2 <sup>nd</sup> Semester	FUNDAMENTAL OF ENTREPRENEUR SHIP	MBA-206	Helps to provide students with the knowledge, skills and motivation to encourage entrepreneurial success and oriented them towards different ways of realizing opportunities.
	Semester			
14	2 <sup>nd</sup> Semester	COMMUNICATION AND MARKETING SKILLS	MBA-207	Aimed at equipping the students with the necessary techniques and skills of Communication to inform others inspire them and enlist their activity in the performance of their jobs.
	Semester			
15	3 <sup>rd</sup> Semester	STRATEGIC MANAGEMENT	MBA-301	Aims at imparting knowledge of formulation, implementation and evaluation of Business Strategies.
	Semester			
16	3 <sup>rd</sup> Semester	BUSINESS LAWS	MBA-302	The purposes and functions of business law include maintaining order, protecting rights and liberties, establishing standards, and resolving disputes when it comes to businesses and their interactions with individuals, government agencies, and other businesses.
	Semester			

17	Semester	3 <sup>rd</sup> Semester	ON THE JOB TRAINING/ SUMMER TRAINING	MBA-303	The student has to undergo On the Job Training after Second Semester in any industry/organization for the period of 4-6 weeks to get industrial/corporate exposure.
18	Semester	ELECTIVE	INDIAN FINANCIAL SYSTEM	MBA-311	The objective of this course is to discuss the specific financial management problems of financial institutions including a detailed study of the working of the leading financial institutions in India.
19	Semester	ELECTIVE	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	MBA- 312	The course has been designed to develop understanding of different concepts relating to analysis of investment and portfolio management.
20	Semester	ELECTIVE	MANAGEMENT OF BANKING OPERATIONS	MBA-313	The objective of this course is to acquaint the students with the accounting needs of international financial Markets and to analysis the accounting measurement and reporting issues unique to multinational business transactions.
21	Semester	ELECTIVE	ADVERTISING AND SALES MANAGEMENT	MBA-321	To make the students understand the basics of Advertising and Promotion required by them in their career.
22	Semester	ELECTIVE	Consumer Behaviour	MBA-322	The basic objective of this course is to develop an understanding about the consumer decision – making process and its applications in marketing function of firms.
23	Semester	ELECTIVE	RURAL MARKETING	MBA-323	The course aims at creating an understanding of the unique challenges of rural and marketing to enable students to apply the concepts and methods of marketing management to rural markets and cause related marketing
24	Semester	ELECTIVE	MANAGEMENT OF INDUSTRIAL RELATIONS	MBA -331	To familiarize students in the major industrial relations systems operating in different economic, political and cultural contexts.
25	Semester	ELECTIVE	LABOUR LEGISLATIONS	MBA-332	The central objective of labour laws is <b>to safeguard workers' rights, promote trade union activities and make employment more secure</b> . They aim at improving the status of working-class people. Furthermore, they ensure fair and reasonable conditions of work for all the employees.

26	Semester	ELECTIVE	INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY	MBA-333	The objective of the course is to acquaint the students about the Psychology of the executives in the organization and then to use it to enhance the productivity
27	Semester	ELECTIVE	MANAGEMENT INFORMATION SYSTEM (MIS)	MBA-304	The objective of MIS is to provide information for decision making on planning, initiating, organizing, and controlling the operations of the subsystems of the firm and to provide a synergistic organization in the process. It facilitates the decisions-making process by furnishing information in the proper time frame.
28	Semester	4 <sup>th</sup> Semester	OPERATIONS RESEARCH	MBA-401	To equip the students with techniques of data analysis, to grasp the various optimization techniques.
29	Semester	4 <sup>th</sup> Semester	Project Training	MBA-402	The purpose of including project in MBA Programme is to provide students an opportunity to investigate a management problem in a scientific manner. Students should take this project work very seriously.
30	Semester	4 <sup>th</sup> Semester	LOGISTIC & SUPPLY CHAIN MANAGEMENT	MBA-403	The objective of the course is to provide a comprehensive analysis of the principles and practices of international Distribution and logistics.
31	Semester	ELECTIVE	STRATEGIC FINANCIAL MANAGEMENT	MBA-314	Strategic Financial Management is an approach for managing the finances of a company. Its main objective is <b>to design and execute strategies that create profit, ensure an acceptable ROI, and maximize shareholders' value.</b>
32	Semester	ELECTIVE	INTERNATIONAL FINANCE& TAX PLANNING	MBA-315	The basic objective of this course is to provide an insight into the concept of International Finance & corporate tax planning and to equip the students with a reasonable knowledge of tax planning devices.
33	Semester	ELECTIVE	MANAGEMENT OF FINANCIAL SERVICES	MBA-316	The main objective of this course is to help students to learn the various financial services and their role in the overall financial system.
34	Semester	ELECTIVE	MARKETING OF SERVICES	MBA-324	This course aims at enabling students to apply marketing concepts and principles to the unique challenges and opportunities of services marketing to create customer value.

35	Semester	ELECTIVE	WEB BASED MARKETING	MBA-325	Every business that wants to succeed online needs to have a clearly defined website marketing strategy. This is no longer optional but a 'must-have' for businesses who want to survive in the highly competitive online market.
36	Semester	ELECTIVE	RETAIL MANAGEMENT	MBA 326	The main objective for the curriculum is to provide the learner with an overview of the retail industry, concepts and processes and an opportunity to understand the areas of accountability for a Retail Manager. The learner will also be able to determine a level of interest in pursuing a career in retail management.
37	Semester	ELECTIVE	CROSS-CULTURAL MANAGEMENT	MBA-334	The objective of the course is to acquaint the students with Cross Cultural Management approaches, challenges and strategies and enrich them with concept of quality of work life
38	Semester	ELECTIVE	TEAM BUILDING & LEADERSHIP	MBA-335	Even the strongest teams can benefit from these team building ideas. Corporate groups can build effective relationships while finding solutions to office conflicts, as well as set goals to drive the company to new levels of success. When you decide to host a team-building activity, it tells your team you care about their success
39	Semester	ELECTIVE	PERSONAL GROWTH AND TRAINING & DEVELOPMENT	MBA-336	Develop their coaching capabilities by enhanced communication. Develop an optimistic attitude and become a problem solver. Manage their day effectively by learning the time management skills

## Master of Computer Applications (MCA)

S.No.	System	Year/Semester	Course/Subject Name	Course/Subject Code	Course Outcome
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1	Semester	1	Discrete Mathematical Structures	MCA-101	The main objective of this code is to provide mathematical knowledge of statistics, probability and number theory. After completing the course the student should be competent in handling mathematical problems related with sets, probability and graph theory.
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2	Semester	1	Universal Human Values	MCA-102	The main objective of this code is to aware the students about human values and professional ethics and also aware them about their various social and professional responsibilities.
3	Semester	1	Computer Fundamentals and Programming in C++	MCA-103	The main objective of this code is to provide conceptual as well as practical knowledge of basic programming tools and various methodologies used in programming. After completing the course the student should be competent in programming tools and various methodologies used in programming.
4	Semester	1	Database Management Systems	MCA-104	The main objective of this course is to provide conceptual as well as practical knowledge of Database, various methodologies and applications software used for data base management. After completing the course the student should be competent in data base handling, able to design and manage database for real life problems and the student should by proficient in query handling.
5	Semester	1	Computer Organization and Architecture	MCA-105	The main objective of this course is to provide conceptual as well as practical knowledge about computer organization and architecture, instruction format and actual data processing inside CPU. After completing the course the student should be able to understand all the components of computer system, as well as the organization of these components inside computer system, various data processing mechanism used inside CPU.
6	Semester	1	Operating Systems	MCA-106	The main objective of this course is to provide conceptual as well as practical knowledge about Operating system (Windows and Linux). After completing the course the student should be able to understand various methodologies used by operating system to manage different types of tasks and able to use Windows and UNIX operating system proficiently.
7	Semester	2	Software Engineering	MCA-201	The main objective of this course is to provide knowledge about various methodologies used in software engineering, various models used in software development. After completing the course the student should be competent in all the phases of software development life cycle, able to develop software by

				following software engineering principles, and proficiently write reports for software project.	
8	Semester	2	Data Structures Using C	MCA-202	The main objective of this course is to provide conceptual as well as practical knowledge of Programming approach and data structures along with C language. After completing the course, the student should be competent in data structures, and able to use these tools and methodologies to solve real life problems on C platform.
9	Semester	2	Java Programming	MCA-203	The main objective of this course is to provide conceptual as well as practical knowledge of Object Oriented Programming approach and data structures along with Java programming language tools. After completing the course the student should be competent in Object Oriented programming tools and data structures, and able to use these tools and methodologies to solve real life problems on Java platform.
10	Semester	2	Web Technology(CSS,JavaScript And PHP)	MCA-204	The main objective of this course is to provide conceptual as well as practical knowledge of web-development Languages and web- designing tools. After completing the course the student should be competent in basic web-development as well as web-designing tools, and able to use these tools and to design and develop web-pages professionally.
11	Semester	2	Computer Networks	MCA-205	The main objective of this course is to provide knowledge about various protocols and layers used in Computer Networks and basics of various communication mechanisms used to send and receive data. After completing the course the student should be competent in basics of computer networking and communication system, and understand the significance of various protocols and layers used in computer Networks.
12	Semester	2	Computer Graphics	MCA-206(C )	The main objective of this course is to provide conceptual as well as practical knowledge to assure quality of software. After completing the course the student should be competent in handling various quality assurance issues practically and able to these methodologies in software development.

13	Semester	3	Business Communication	MCA-301	The main objective of this course is to provide knowledge about formal standards used in Business Communication (Written and Oral). After completing the course the student should be competent in oral and writing communication, and able to handle real life complications in professional communication.
14	Semester	3	Programming in Python	MCA-302	The main objective of this course is to provide conceptual as well as practical knowledge of Python. After completing the course the student can develop web solution software for real life problems.
15	Semester	3	Android Programming	MCA-303	The main objective of this course is to provide conceptual as well as practical knowledge of Android programming and various languages used to create mobile applications. The main emphasis of this course is on Android Operating System and various tools used to create mobile applications for Android Mobiles. After completing the course the student should be competently develop mobile applications for Android on Eclipse IDE.
16	Semester	4	Cloud Computing and Big Data	MCA-304	To provide conceptual as well as practical knowledge of basic of Cloud Computing, Various Cloud Computing terminologies and Platforms. After completing the course the student should be competent in cloud computing concepts and platforms.
17	Semester	3	Theory of Computation	MCA-305	To provide conceptual as well as practical knowledge of Automata theory and various other theories used in computation. After completing the course the student should be competent to solve computation problems by applying these theories.
18	Semester	3	Data Analytics using R-Tool	MCA-306( D)	The main objective of this course is to provide conceptual as well as practical knowledge of various data analysis techniques and methodologies and to provide a comprehensive knowledge of R Tool for data analysis. After completing the course the student should be competent in data analysis basics and able to use R-Tool for analysis the data generated by real life software.
19	Semester	4	Operational Research	MCA-401	The main objective of this course is to provide conceptual as well as practical knowledge of optimization techniques and various tools used in Operational Research. After completing the course the student can able to use these tools and techniques to find

optimized solution for real life problems.

20	Semester	4	Fundamentals of Management	MCA-402	The main objective of this course is to provide conceptual as well as practical knowledge of basis Management tools and techniques. After completing the course students can implement these Management tools in their respective organization.
21	Semester	4	Analysis and Design of Algorithm	MCA-403	The main objective of this course is to provide conceptual as well as practical knowledge of various Algorithm Designing techniques and their impact on programming. After completing the course the student should be competent in algorithm designing techniques, and able to use these techniques to design various algorithms for real life problems.
22	Semester	4	Internet Of Things	MCA-404 (A)	In this course student will explore various components of Internet of things such as Sensors, internetworking and cyber space. In the end they will also be able to design and implement IoT circuits and solutions.



Convener IQAC



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