GOVERNMENT COLLEGE FOR MEN

KURNOOL

Accredited with NAAC 'B^+' Grade

CRITERIA 2.6.1

Programme Outcomes & ProgrammeSpecific Outcomes (UG)

Programme Outcome and Programme Specific Outcomes-UG

Programme	Combination	Program Outcomes	Program Specific Outcomes
BA H.E.P(E.M& T.M)	**History, Economics, Political Science**	**1.** Students will be able to apply ,assess and debate the major Historical School of thought, Methodology and types of sources that historian to make original arguments papers students have future in participating competitive exam with history back ground. **2.** To enhance the students a comprehension on various concepts ofEconomics. To Equip students on latest developments in the subjects **3.** To train the students on various competitive arenas and exposure them on the updated knowledge on the course curriculum **4.** To enhance the students comprehension on various concepts	**History**: History makes the students of examinations i.e., groups, to make the world a better one civil and many more knowing all the mistakes done in the past and also not to repeat them in future, historically, politically and economically. **Economics:** The curriculum of the B.A programme mainly focuses on social interaction, especially History and Political Science. 1. It helps the students to know history, culture, traditions of India as well as other countries in the world. 2. The programmes with humanity subjects' specifically political science throw light on effective citizenship. This enables the students to develop an ideal society with social concern and equity cantered nation. This type of learning triggers the spirit of the students to act upon social issues and participate in civic life through volunteering. 3.All programmes curriculum emphasizes on values and ethics. The students learnt the value their life and others and give importance to values and customs and maintain good rapport with others like harmony in the family and society – harmony in human relationship, understanding the harmony in the family – the basic unit of human interaction. Trust and respect as the foundational values of relationship. This course is covered in the I- semester of the UG degree.

		of political science. To Equip students on latest developments in the subjects. 5.To train the students on various competitive arenas and exposure them on the updated knowledge on the course curriculum	**Political Science:** Enhance students Comprehension on the basic concepts, theories of Political Science, structures and processes of government systems 2. Equip the students to Participate in the governance as a good citizen of the society 3. Analyze political and policy problems and participatein formulating policy options; 4. Use electronic and traditional library resources to research key local, state, national and international policy issues and present results; 5. Demonstrate critical thinking, including the ability to form an argument, detect fallacies, and martial evidence, about key issues of public policy and politics; 6.Discuss the major theories and concepts of political science and its subfields; and deliver thoughtful and well-articulated presentations of research findings
B.Com	**B.Com (Computer Applications)**	**B.Com (Computer Applications)** **B.Com (General)** 1. To acquaint students with the basic concepts of commerce and industry This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements.	**B.Com (Computer Applications)** The program will enable students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts. 1. To make the students efficient in office automation with computers and computer software applications 2. To facilitate the students to join professional courses 3.To develop subject skill within various discipline of commerce, business, accounting , economics, finance ,

	B.Com (General)	1. After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company. 2. Capability of the students to make decisions at personal & professional level will increase after completion of this course. 3. Students can independently start up their own Business. 4. Apply knowledge of Income Tax laws and procedures to individuals and businesses 5. The program will enable students to develop business acumen, managerial skills and abilities, and be capable of maintaining business accounts. 6. After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of Commerce and Finance. 7. The students will be able to communicate effectively both in terms	auditing and marketing with soft skills in Tally and ERP, E-commerce 4.Helps to acquire entrepreneurship To acquire conceptual knowledge of the corporate accounting and the techniques of preparing the financial statements. **B.Com (General)** 1. This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements. 2. After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company. 3. The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization. 4. Students can independently start up their own Business. Students can get thorough knowledge of finance and commerce. 5. The students will be able to communicate effectively both in terms of business as well as social interaction. 6. 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 7. The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business. 8. The course offers a number of value based and job oriented courses ensuring that students are trained up-

		of business as well as social interaction. 8.The program will encourage entrepreneurship spirit among students and encourage them to participate effectively in social, commercial and civic issues ultimately leading to national 9. The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business. 10. The course offers a number of values based and job oriented courses ensuring that students are trained up-to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization	to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization
B.Sc, B.Z.C(T.M)	**Botany, Zoology, Chemistry**	1. Expertise in the basic sciences provides the students with opportunities to go for higher education and also employment opportunities in industries, diagnostics,	**Botany:** 1. Students will be able to identify, compare and Distinguish various groups of microbes and primitive plants based on their characteristics. 2.Students will be able to explain the evolution of

		quality control and Research. 2. Promotes an in- depth exploration in specific fields, current ways of thinking, new discoveries and methodologies of the discipline leading the way towards biological research, health professions, business or education. 3. Expertise in the basic sciences provides the students with opportunities to go for Higher Education and also employment opportunities in industries, diagnostics, quality control and research. 4. Promotes an in-depth exploration in specific fields, current ways of thinking, new discoveries, and methodologies of the discipline leading the way towards biological research, health professions, business, and education. After the completion of UG program the student gets eligibility to join in PG programme and B.Ed(Physical sciences), MCA, MBA, Student will be eligible to write bank PO/Clerk examinations, SSC, Civil services and other group services examinations.	tracheophytes and distribution of plants on globe. 3. Students will be able to discuss on internal structure, embryology, and ecological adaptations of plants, and want of conserving Biodiversity. 4. Students will be able to interpret life processes in plants in relation to physiology and metabolism. 5. Students will be able to describe ultra-structure of plant cells, inheritance, and crop improvement methods. 6. Students will independently design and conduct simple experiments based on the knowledge acquired in theory and practical of the different sub- courses in Botany. **Zoology:** 1. Master fundamental skills to function effectively as professionals and continue learning within the field of biology. 2. Provides an understanding of an exploration of how animals have evolved, how they function, and the ways in which they interact with their environment. 3.An awareness of the impact of chemistry on the environment, society, appraise role of green chemistry in environment sustainability **Chemistry:** 1. The student after completing UG programme with Chemistry is eligible to join in M.Sc Chemistry, Technical assistants in Pharmaceutical companies and diagnostic centers. 2. Procedural knowledge that creates different types of professionals in the field of chemistry and related fields such as pharmaceuticals, chemical industry, teaching, research, environmental monitoring, product quality, consumer goods industry, food products, cosmetics industry. 3. To adopt hands on lab work and practical activities which develop problem solving abilities required for successful career in pharmaceuticals, chemical industry and in research

B.Sc BT.B.C	**Biotechnology, Botany, Chemistry**	**1.** Expertise in the basic sciences provides the students with opportunities to go for Higher Education and also employment opportunities in industries, diagnostics, quality control and research. **2.** Promotes an in-depth exploration in specific fields, current ways of thinking, new discoveries, and methodologies in the areas of biological research, health professional development, business and education **3.** Expertise in the basic sciences provides the students with opportunities to go for higher education and also employment opportunities in industries, diagnostics, quality control and Research. **4.** Promotes an in- depth exploration in specific fields, current ways of thinking, new discoveries and methodologies of the discipline leading the way towards biological research, health professions, business or education After the completion of UG program the student gets eligibility	**Bio Technology:**1. Master fundamental skills to function effectively as professionals and continue learning within the fieldof Biology 2. Gain fundamental Knowledge on Bio-molecules of microorganisms 3. The integrated use of Biotechnology, Botany and Chemistry to achieve the technological application of scientific and engineering principles for processing of materials by biological agents to provide goods and service for thewelfare of mankind. **Botany:**1. Students will be able to identify, compare and distinguish various groups of microbes and primitive plants based on their characteristics. 2. Students will be able to explain the evolution of tracheophytes and also distribution of plants on globe. 3. Students will be able to discuss on internal structure, embryologyand ecological adaptations of plants, and want of conserving Biodiversity. 4. Students will be able to interpret life processes in plantsin relation to physiology and metabolism. 5. Students will be able to describe ultra-structure of plant cells, inheritance and crop improvement methods. 6. Students will independently design and conduct simple experiments based on the knowledge acquired in theory and practicals of the different sub- courses in Botany. **Chemistry:** The student after completing UG program me with Chemistry is eligible to join in M.Sc Chemistry, Technical assistants in Pharmaceutical companies and Diagnostic centers.

		to join in PG programme and B.Ed(Physical sciences), MCA, MBA, Student will be eligible to write bank PO/Clerk examinations, SSC, Civil services and other group services examinations.	3.Procedural knowledge that creates different types of professionals in the field of chemistry and related fields such as pharmaceuticals, chemical industry, teaching, research, environmental monitoring, product quality, consumer goods industry, food products, cosmetics industry. 4.To adopt hands on lab work and practical activities which develop problem solving abilities required for successful career in pharmaceuticals, chemical industry and in research
B.Sc M.P.C	**Mathematics, Physics,Chemistry**	1. Expertise in the basic sciences provides the students with opportunities to go for Higher Education. 2. Possess a sound understanding of the theoretical foundation of various core subjects. 3. The combination integrating all Basic Science courses lays a strong foundationand prepares the learner for research in respective disciplines. Acquire analytical and logical thinking skills. 4. Gain employment at entry level positions based on program curriculum. Ability to construct arguments using correct technical language related to Physics and ability to translate them with popular language when needed. 5. Able to acquire procedural knowledge that creates different types of professionals related to Physics. Application of appropriate methodologies to conduct chemical synthesis, analysis and apply relevant	**Mathematics:** 1. Develop proficiency in high level mathematical methods. 2. Involving students in discussions, problem-solving and out of box thinking about various ideas of mathematics and their applicability, which may lead to empowerment and enhancement of the social welfare at large. 3. Motivating the learners to understand various concepts of mathematics keeping in view the regional context. **4.** Enabling learners to create research atmosphere in mathematical sciences in their colleges/institutes/universities. **Physics:** 1. Demonstrate the ability to use 2. skills in Physics and its related areas of technology for formulating and tackling Physics- related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associatedwith Physics. 3. Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way. 4. Analyze the concepts of mathematics, Physics and chemistry and understand the relation among them like physical chemistry, mathematical modeling of physics andchemistry problems.

		Knowledge and skills to seek solutionsto problems.	**Chemistry:** 1. Demonstration of systematic understanding of the fundamental concepts, principles and process underlying the academic field of chemistry, its different sub-fields, and its linkages. 2.Usage of chemical techniques relevant to industry, generic skills and global competencies including knowledge and skills that enable students to undertake further studies in the field ofchemistry. 3. Procedural knowledge that creates different types of professionals in the field of chemistry and related fields such as pharmaceuticals, chemical industry, teaching, research, environmental monitoring, product quality, consumer goods industry, food products, cosmetics industry. 4. To adopt hands on lab work and practical activities which develop problem solving abilities required for successful career in pharmaceuticals, chemical industry and in research
B.Sc M.P.Cs	**Mathematics, Physics,Computer Science**	1 Expertise in the basic sciences provides the students with opportunities to go for Higher Education. Possess a sound understanding of the theoretical foundation of various core subjects. 2.The combination integrating all Basic Science courses lays a strong foundationand prepares the learner for research in respective disciplines. Acquire analytical logical thinking skills.	**Mathematics** 1. Develop proficiency in high level mathematical methods. 2. Involving students in discussions, problem-solving and out of box thinking about various ideas of mathematics and their applicability, which may lead to empowerment and enhancement of the social welfare at large. 3. Motivating the learners to understand various concepts of mathematics keeping in view the regional context.

		3. Gain employment at entry level positions based on program curriculum. Ability to construct arguments using correct technical language related to Physics and ability to translate them with popular language when needed. 4. Able to acquire procedural knowledge that creates different types of professionals related to Physics. Demonstrate the aptitude of Computer Programming & Computer based problem solving skills. 5. Display the knowledge of appropriate theory, practices & tools for the specification, design, and implementation. Ability to formulate, to model to design solutions, procedure & to use software tools to solve real world problems and evaluate	**4.**Enabling learners to create research atmosphere in mathematical sciences in their colleges/institutes/universities. **Physics** 1. Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics- related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics. 2. Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way. 3. Analyze the concepts of mathematics, Physics and chemistry and understand the relation among them like physical chemistry, mathematical modeling of physics and chemistry problems. **Computer Science** 1. Mastery in the core areas Algorithms, Programming Languages, Data Structures, Databases, Software Engineering and Development. 2. Gain problem- solving skills and the knowledge of computer science to solve real problems. Understand how technological advances impact society and the social, legal, ethical and cultural ramifications of computer technology and their usage

B.Sc **M.Z.C**	**Microbiology** **Zoology** **Chemistry**	1. Expertise in the basic sciences provides the students with opportunities to go for higher education and also employment opportunities in industries, diagnostics, quality control and Research. 2.Promotes an in- depth exploration in specific fields, current ways of thinking, new discoveries and methodologies of the discipline leading the way towards biological research, health professions, business or education. 3.Expertise in the basic sciences provides the students with opportunities to go for Higher Education and also employment opportunities in industries, diagnostics, quality control and research. 4.Promotes an in-depth exploration in specific fields, current ways of thinking, new discoveries, and methodologies of the discipline leading the way towards biological research, health professions, business, and education. 5.After the completion of UG program the student gets eligibility to join in PG programme and B.Ed(Physical sciences), MCA, MBA, Student will	**Microbiology** 1. **Higher Education:** Empower students to pursue higher studies in various fields of Microbiology, Zoology and Chemistry. 2. **Career:** Enable students to pursue careers in Chemical, Biological and microbiology fields as demonstrated by professional success at positions within industry, government, or academia. 3. **Social responsibility:** Enable students to exhibit professionalism, ethical attitude, communication skills and team work in their profession. 4. **Critical thinking:** Able to understand and utilize the principles of scientific enquiry, think analytically, clearly and evaluate critically while solving problems and making decisions during microbiological, animal and chemical study. 5. **Effective communication:** Able to formally communicate Scientific ideas and investigations of the microbiology discipline to others using both oral and written communication skills. 6. **Social interaction:** Able to develop individual behavior and influence society and social structure. 7. **Effective citizenship:** Able to work with a sense of responsibility towards social awareness and follow the ethical standards in the society. 8. **Ethics:** Ability to demonstrate and discuss ethical conduct in scientific activities. 9. **Environment and Sustainability:** Able to understand the impact of microbiological science in societal and environmental contexts and demonstrate the knowledge for sustainable development. **10.Self-directed and life-long learning:** Able to recognize the need of life-long learning

		be eligible to write bank PO/Clerk examinations, SSC, Civil services and other group services examinations.	and engage in research and self-education **Zoology:** 1. Master fundamental skills to function effectively as professionals and continue learning within the field of Biology. 2. Provides an understanding of an exploration of how animals have evolved, how they function, and the ways in which they interact with their environment. 3.An awareness of the impact of chemistry on the environment, society, appraise role of green chemistry in environment sustainability **Chemistry:** 1. Demonstration of systematic understanding of the fundamental concepts, principles and process underlying the academic field of chemistry, its different sub-fields, and its linkages. 2. Usage of chemical techniques relevant to academia and industry, generic skills and global competencies including knowledge and skills that enable students to undertake further studies in the field ofchemistry. 3. Procedural knowledge that creates different types of professionals in the field of chemistry and related fields such as pharmaceuticals, chemical industry, teaching, research, environmental monitoring, product quality, consumer goods industry, food products, cosmetics industry. 4. To adopt hands on lab work and practical activities which develop problem solving abilities required for successful career in pharmaceuticals, chemical industry and in research 5. The student after completing UG programme with

			Chemistry is eligible to join in M.Sc Chemistry, Technical assistants in Pharmaceutical companies and diagnostic centers.
B.Sc **BCH**	**Botany** **Chemistry** **Horticulture**	1).Help formulate graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes that are expected to be demonstrated by the holder of a qualification. 2)Enable prospective students, parents, employers and others to understand the nature and level of learning outcomes (knowledge, skills, attitudes and values) or attributes a graduate of a programme should be capable of demonstrating on successful completion of the programme of study.	**Botany** 1. Students will be able to identify, compare and distinguish various groups of microbes and primitive plants based on their characteristics. 4. Students will be able to explain the evolution of tracheophytes and also distribution of plants on globe. Students will be able to discuss on internal structure, embryology and ecological adaptations of plants, and want of conserving Biodiversity. **Chemistry** 1. Demonstration of systematic understanding of the fundamental concepts, principles and process underlying the academic field of chemistry, its different sub-fields, and its linkages. 2. Usage of chemical techniques relevant to academia and industry, generic skills and global competencies including knowledge and skills that enable students to undertake further studies in the field ofchemistry. 3. Procedural knowledge that creates different types of professionals in the field of chemistry and related fields such as pharmaceuticals, chemical industry, teaching, research, environmental monitoring, product quality, consumer goods industry, food products, cosmetics industry. 4. To adopt hands on lab work and practical activities which develop problem solving abilities required for

			successful career in pharmaceuticals, chemical industry and in research 5. The student after completing UG programme with Chemistry is eligible to join in M.Sc Chemistry, Technical assistants in Pharmaceutical companies and diagnostic centers. **Horticulture** 1. Higher Education: Empower students to pursue higher studies in various fields of Botany , Chemistry and Horticulture 2. Career: Enable students to pursue careers in Chemical, Botanical and horticulture related fields as demonstrated by professional success at positions within industry, government, or academia 3. Social responsibility: Enable students to exhibit professionalism, ethical attitude, communication skills and team work in their profession. 4. Critical thinking: Able to understand and utilize the principles of scientific enquiry, think analytically, clearly and evaluate critically while solving problems and making decisions during Horticultural and Botanical study. 5. Effective communication: Able to formally communicate Scientific ideas and investigations of the Horticultural discipline to others using both oral and written communication skills. 6. Social interaction: Able to develop individual behavior and influence society and social structure. 7. Effective citizenship: Able to work with a sense of responsibility towards social awareness and follow the ethical standards in the society. 8. Ethics: Ability to demonstrate and discuss ethical conduct in scientific-activities.

			9. Environment & Sustainability: Able to understand the impact of horticultural science in societal and environmental contexts and demonstrate the knowledge for sustainable development. 10. Self-directed and life-long learning: Able to recognize the need of life-long learning and engage in research and self-education
B.Sc **MSCs**	**Mathematics** **Statistics** **Computer Science**	1. Statistics is a key to success in the field of science and technology. Today, the students need a thorough knowledge of fundamental basic principles, methods, results and a clear perception of the power of statistical ideas and tools to use them effectively in modeling, interpreting and solving the real life problems. Statistics plays an important role in the context of globalization of Indian economy, modern technology, computer science and information technology. 2. Students will acquire 1) ability to distinguish between random and non-random experiments, 2) knowledge to conceptualize the probabilities of events including frequentist and axiomatic approach. Simultaneously, they will	**Mathematics** 1. Develop proficiency in high level mathematical methods. 2. Involving students in discussions, problem-solving and out of box thinking about various ideas of mathematics and their 3. applicability, which may lead to empowerment and enhancement of the social welfare at large. 4. Motivating the learners to understand various concepts of mathematics keeping in view the regional context. 5. Enabling learners to create research atmosphere in mathematical sciences in their colleges/institutes/universities. **Statistics** 1. To build the basis for promoting theoretical and application aspects of statistics. . To underline the statistics as a science of decision making in the real life problems with the 2. description of uncertainty. . To emphasize the relevance of statistical tools and techniques of analysis in the study 3. of inter-disciplinary sciences. . To acquaint students with various statistical methods and

		learn the notion of conditional probability including the concept of Bayes' Theorem, 3) knowledge related to concept of discrete and continuous random variables and their probability distributions including expectation and moments, 4) knowledge of important discrete and continuous distributions such as Binomial, Poisson, Geometric, Negative Binomial and Hyper-geometric, normal, uniform, exponential, beta and gamma distributions, (e) acumen to apply standard discrete and continuous probability distributions to different	their applications in different fields. . To cultivate statistical thinking among students. 4.• To develop skills in handling complex problems in data analysis and research design **Computer Science** The student graduating with the Degree B.Sc (MPCs), B.Sc (MSCs)should be able to Acquire 1. Students get knowledge and training of technical subjects so that they will be technical professional by learning C programming , Relational Database Management, Data Structure, Software Engineering, Graphics, Java, PHP, Networking, Theoretical Computer Science, System programming, Object Oriented Software Engineering. 2. Students understand the concepts of software application and projects. 3. Students understand the computer subjects with demonstration of all programming and theoretical concepts with the use of ICT. 4. Development of in-house Applications in terms of projects 5. Students will build up programming, analytical and logical thinking abilities. 6. Aware them to publish their work in reputed journals 7. To make them employable according to current demand of IT Industry and responsible citizen.

Languages	**HINDI**	**B.A, B.Com & B.Sc** **(Second language Hindi)** 1. Understanding the origin of Hindi language and its literature. 2. Understanding the literary, cultural, social, biographical and historical background of the eminent Hindi writers. 3. Acquiring good knowledge in Hindi. 4. Learning about thoughts and values ofeminent Hindi writers. 5. Understanding the relation between literature and society. 6. Getting information about various literary trends and forms of poetry and prose. 7. Knowing Hindi, students can easily be employed as a Hindi officer, Hindi Translator, Hindi Assistant, Rajbhasha Assistant, Interpreter, Editor, Reporter of a News Paper, Script Writer, Dialogue Writers etc. 8. Getting knowledge about the real life of various social classes of people. 9.Developing writing and communicative skills. 10. Encouraging creative writings. 11.Developing self-confidence. 12.Gaining socio cultural consciousness.	1. Understanding the relation between society and literature and analyses the role played by Hindi literature in past and present. 2. Understanding the strategy of converting worship into the movement of struggle for cultural freedom. 3. Developing skill of writing official letters in functional Hindi. 4. Developing philosophy of life inspiring by the vision of eminent writers. 5. Identifying the nature and character of person through his actions. 6. Gaining socio cultural consciousness. 7. Exploring, analyzing and enriching the self-knowledge. 8. To prepare and motivate students for research studies in Hindi language and literature and related fields. 9. To provide advanced knowledge of different theories of Hindi language and literature and empowering the students to pursue higher degrees/research at reputed academic institutions. 10. To nurture analytical qualities or skills, thinking power, creativity through assignments & seminars. 11. To assist students in preparing (personal guidance, books) for competitive exams. e.g. NET/SET, Staff Selection Commission, Banking sector/Govt. of India undertakings (Rajbhasha Sahayak or Hindi Officer/ Hindi Translator), School Service Commission etc.

	ENGLISH	**B.A, B.Com & B.Sc** 1. To acquire good Communication skills in English 2. To know and study English literature. 3...Understanding the relation between literature and society. 4. Developing writing and communicative skills. 5. Encouraging creative writings.	1. Graduates of the program will be capable to understand English Language, creative writing, linguistics. 2. Understand the various techniques and patterns employed in literature and understand historical and cultural range of literature written in English. 3. Students will become Eligible for Teaching Profession in Schools & Colleges and also for Government Service also.
	TELUGU	1. Telugu literature will help the students to improve values culture and social awareness and patriotism. 2.Students can develop language skills it will help to get employment 2. Getting knowledge about the real lifeof various social classes of people. 3. Developing writing and communicative skills. 4. Encouraging creative writings. 5. Developing self-confidence. 6. Gaining socio cultural consciousness.	1. Creative writings 2. Social awareness 3. Culture and values Importance of literature 4. Develop an interest in research 5. To nurture analytical qualities or skills, thinking power, 6. Creativity through assignments & seminars.