



Devgiri Pratishthan's  
**Siddharth Library and Information Science College**  
Padegaon, Aurangabad

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Website :- [www.siddharthcollege.org](http://www.siddharthcollege.org)

Dr. Manohar S. Wankhade  
Principal

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## **Bachelor of Science (B.Sc.) Three Years Degree Course**

### **Subject Outcomes**

#### **1) English (Comp) Course Outcomes:**

- 1) To develop the reading skills.
- 2) To develop writing skills.
- 3) To develop speaking skills.
- 4) To develop listening skills.
- 5) To understand grammatical items to learn the skills of conversation.
- 6) To understand the format of letter writing, email writing, blog writing.


#### **2) Hindi/ Marathi Second Language Course Outcome:**

- 1) Understand the very issues in the relationship between language and learning.
- 2) Understand the importance of language in learning.
- 3) Understand the different ways in which language features in learning.
- 4) Reflect critical on language and on learning.
- 5) To understand various forms of functional Hindi language relating to Internet.
- 6) To understand use of functional language for Newspaper, Cinema and Radio.
- 7) To assist the young learner to speak fluently and communicate effectively in a second language.
- 8) It is through reading that learners learn to experience and appreciate literature.

#### **3) Environmental Science Course Outcome:**

- 1) Helping the students to know the more sustainable way of living.
- 2) Making masses understand how to use natural resources more effectively.
- 3) Developing Awareness about the behaviour of organism under natural conditions.
- 4) To raise awareness about the critical importance of safe guarding and conserving our planet, as well as the detrimental effects of pollution on the environment.
- 5) To enable theoretical knowledge into practice and the multiple uses of Environmental.



  
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#### 4) Computer Science Course Outcome:

Student outcomes describe what students are expected to know and be able to do by the time of graduation. The Computer Science Departments Bachelor of Science program must enable students to attain by the time of graduations.

- 1) Students had the ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.
- 2) Students had the ability to analyze the impact of computing on individuals, organizations, and society.
- 3) Students recognized the need for and had the ability to engage in continuing professional development.
- 4) Students had the ability to appreciate techniques, skills, and tools necessary for computing practice.

#### Optional Subject

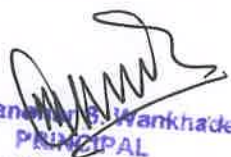
#### 5) Chemistry Courses Outcome:

- 1) Students demonstrated comprehensive knowledge and understanding, both theoretical and practical, across all disciplines of chemistry.
- 2) Students applied modern technologies, handled advanced instruments, and used chemistry-related software for chemical analysis, material characterization, and separation technologies.
- 3) The curriculum included components that helped graduate students develop critical thinking, and the ability to design, carry out, record, and analyze the results of chemical reactions.
- 4) Students developed an inquisitive characteristic through appropriate questioning, planning, and reporting of experimental investigations.
- 5) Students became aware of the impact of chemistry on the environment and society, and extended their knowledge to developments outside the scientific community.
- 6) Students understood the causes of environmental pollution and applied environmentally friendly practices instead of hazardous ones in various aspects of chemistry.

#### 6) Physics Course Outcome:

- 1) Understood basic mechanics and properties of matter.
- 2) Illustrated the principles of Electricity, Magnetism, Thermodynamics, Optics, and Spectroscopy.
- 3) Identified, formulated, and analyzed complex problems using basic principles of Mathematics, Physics, and Statistics.
- 4) Used computers and various software and programming skills.
- 5) Collaborated effectively on team-oriented projects in the field of Physics.



  
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6) Communicated scientific information in a clear and concise manner, both orally and in writing, or through audio-video presentations.

7) Worked effectively in groups.

8) Developed capacity for critical reasoning, judgment, and communication skills.

9) Developed abilities for logical thinking.

### 7) BSc Botany courses outcome:

On completion of the course students are able to:

- 1) Learn and understand mineral nutrition in plants.
- 2) Understand the growth and development processes in plants.
- 3) Gain knowledge about photosynthesis and respiration in plants.
- 4) Acquire an understanding of the range of plant diversity in terms of structure, function, and environmental relationships.
- 5) Comprehend the evaluation of plant diversity
- 6) Understand plant classification and the flora of Maharashtra.
- 7) Grasp the role of plants in the functioning of the global ecosystem.
- 8) Apply knowledge of basic science, life sciences, and fundamental processes of plants to study and analyze plant forms.

### Zoology

#### 8) Protozoa to Annelida

- 1) Teachers created awareness about fundamental invertebrate animals in nature and their classification according to the Python system, including anatomy and development.
- 2) Equipped students with fundamental practical skills in life sciences.

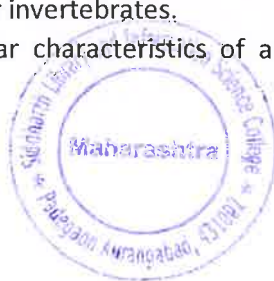
### Cell biology

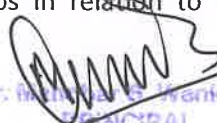
- 1) Students Understood the important terminology, structure, and function of key cell organelles in animal cells.
- 2) Student Studied cell structure and the process of cell division.

### Arthropoda to Echinodermata and Protochordata

- 1) Teachers Introduced students to the morphological features, developmental stages, connecting links, and adaptations of higher invertebrates.
- 2) Teachers Analysed the peculiar characteristics of animal groups in relation to their internal features.

### Genetics-I



  
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- 1) Students Understood important terminology in genetics, laws, and their applications.
- 2) Students Observed and calculated probabilities in cross heredity and variations.

#### **Vertebrate Zoology**

- 1) Students were Familiarized with basic terminology in animal systematics, different classifications, anatomy, and development.
- 2) Students were Understood the classification, morphological structures, identification of specimens, anatomy of certain animals, and embryological processes of development.

#### **Genetics –II**

- 1) Teachers Created awareness of the mechanisms of protein synthesis, DNA fingerprinting, recombinant DNA technology, and various methods employed for DNA analysis.
- 2) Students Understood the mechanisms of protein synthesis and solved problems in genetics.

#### **Animal Physiology**

- 1) Students Studied different animal processes.
- 2) Students Understood life processes through experiments.

#### **Biochemistry and Endocrinology**

- 1) Teachers Focused on biochemical processes, metabolism, and catabolism.
- 2) Teachers Inculcated knowledge for advanced study in biochemical reactions, analysis instruments, principles, and usage.


#### **Ecology**

- 1) Students Studied basic terms and applications of the subject in life sciences.
- 2) Students Understood basic information on types of ecosystems and basic ecological concepts.
- 3) Teachers Analysed biotic and abiotic factors, animal interactions, etc.

#### **Entomology-I**

- 1) Students were Familiarized with the basic terminology of insects, biodiversity, classification, and general characteristics.
- 2) Students Understood the morphology, economic importance, and anatomy of insects.
- 3) Students Understood the roles of useful insects in agro-based industries.
- 4) Students were Participated in field collection and identification to understand insect ecology.



  
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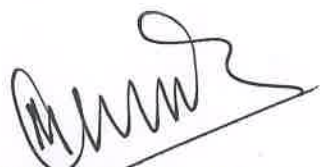
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### **Mathematics Course Outcome:**

- 1) Teachers Introduced to analytical geometry of two dimensions.
- 2) Students Studied lines in two and three dimensions.
- 3) Students Found equations in various forms for lines, circles, ellipses, spheres, etc., using Maxima software, providing knowledge of geometry.
- 4) Teachers Developed a scientific temperament amongst students.
- 5) Students Acquired basic practical skills and technical knowledge along with domain knowledge of different subjects in the science streams.
- 6) Students Became employable and eligible for career opportunities in industry or entrepreneurship.
- 7) Students Possessed basic subject knowledge required for higher studies in professional and applied courses like management studies, law, etc.
- 8) Students Became aware of and developed a solution-oriented approach towards various social and environmental issues.
- 9) Teachers Recalled basic facts about mathematics and displayed knowledge of conventions such as notations and terminology.
- 10) Students Gained adequate exposure to global and local concerns, exploring many aspects of mathematical sciences.
- 11) Students were well Equipped with mathematical modeling ability, problem-solving skills, talent, and communication power necessary for various kinds of employment.
- 12) Teachers Applied skills and knowledge by translating information presented verbally into mathematical form, selecting and using appropriate mathematical formulae or techniques to process the information and draw relevant conclusions.
- 13) Students Developed a positive attitude towards mathematics as an interesting and valuable subject of study.



  
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### Computer Science Course Outcome:

- 1) Understand different methods of organising large amount of data using data structure.
- 2) Able to choose appropriate Data Structure as applied to specified problem definition.
- 3) Understand various techniques for representation of the data in the real word.
- 4) Able to compute the complexity of various algorithm.
- 5) To develop ability to analyse a problem identifies and define the computing requirements which may be appropriated to its solution.
- 6) To prepare students to Undertaker's involving problem solving using computer science and technology.
- 7) Develop ability to pursue Advanced Studies and Research in computer science.
- 8) To produce entrepreneurs who can innovate and develops software product.
- 9) Ability to analyse a problem and device and algorithms to solve it.
- 10) Able to formulate algorithms pseudo codes and flowcharts for arithmetic and logical problems.
- 11) Ability to implement algorithms in the 'C' language.
- 12) Develop modular programs using control structures and arrays in C.
- 13) Understand the fundamental concepts of database.
- 14) Understand user requirements and frame it in data model.
- 15) Ability in creations manipulation and curing of the data in databases.
- 16) Ability to solve Real world problems using appropriate set function and relation models.
- 17) Understand the fundamental mathematical regular languages and finite automata.
- 18) Understand basic Computer Network Technology.
- 19) To understand client server architecture.
- 20) To understand the importance of object orientation in software engineering.
- 21) Understand the role of operating system as system software.
- 22) Learn how to use technical analyser and password tools.
- 23) Understand how to use graphics objects represented in computer.
- 24) Understand how to use database programming using Java.
- 25) Understand working of XML, CSS and XML passes in internet programming.



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## Bachelor of Commerce (B.Com.) 3 Years Degree Course Subject Programme Outcome:

### 1) English (Comp) Course Outcomes:

- 1) To develop the reading skills.
- 2) To develop writing skills.
- 3) To develop speaking skills.
- 4) To develop listening skills.
- 5) To understand grammatical items to learn the skills of conversation.
- 6) To understand the format of letter writing, email writing, blog writing.

### 2) Hindi/ Marathi Second Language Course Outcome:

- 1) Understand the very issues in the relationship between language and learning.
- 2) Understand the importance of language in learning.
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- 5) To understand various forms of functional Hindi language relating to Internet.
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- 8) It is through reading that learners learn to experience and appreciate literature.


### 1) B. Com it app in business outcome information technology and application in business

- 1) Describe the concept of programming.
- 2) Understand the features of programming.
- 3) Understand the features of pointer in 'C' .
- 4) Understand the use of Array in C understand the function of Union and structure.

### 2) B. Com business mathematics and Statistics outcome:

- 1) To understand the concept of population and sample.



  
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- 2) To make preparing distribution.
- 3) To make decisions.
- 4) To understand and to calculate various types of average and variations.
- 5) To understand the concept and application of profit and loss in business.
- 6) To solve LPP to maximize the profit and to minimise the cost.
- 7) To use corrections and regressions analyse this to estimate the relationship between two variables.
- 8) To understand the concept and techniques of different types of index numbers.

### 3) Business and Industrial Economics Outcome

- 1) To export students of Commerce to basic micro economics concept and inculcate and analytical approach to the subject matter.
- 2) To stimulate the students interest by showing the relevance and use of various economic theories.
- 3) To apply economic reasoning to problems of business.

### 4) Financial Accounting Outcome:

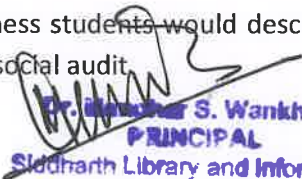
- 1) To impart the knowledge of various accounting concepts.
- 2) To install the knowledge about accounting procedures methods and techniques.
- 3) To acquaint them with practical approach to accounts writing by using software package.

read and analyse consolidated financial statement including accounting and other information disclosures.

### 5) Business Environment Outcome:

- 1) Students would be acquainted with business objectives, dynamics of Business and Environment, various types of business environment and its analysis
- 1) To enable students to evaluate business and its environment.
- 2) To enable students to understand business and Society.
- 3) Students would recall and relate various concepts like Business Ethics ethical climate they would also be acquainted about development of various acts applicable to business in India.
- 4) To enable students to discuss the contemporary issues in business students would describe and discuss corporate social responsibility corporate governance and social audit.



  
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5) To enable students to examine and evaluate business in international.

6) Students would be acquainted with various strategies of global trade they would also discuss foreign trade in India foreign direct investments and its implications on Indian industries.



  
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## **B.A. (Bachelor of Arts)**

### **1) English (Comp) Course Outcomes:**

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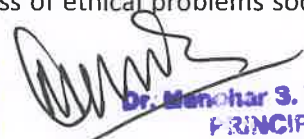
### **2) Hindi/ Marathi Second Language Course Outcome:**

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- 7) To assist the young learner to speak fluently and communicate effectively in a second language.
- 8) It is through reading that learners learn to experience and appreciate literature.

### **Political Science Course Outcome:**

- 1) Understand and follow changes in patterns of political behaviours ideas and structures.
- 2) Developed the ability to make logical inferences about social and political issues on the basic of corporative and historical knowledge.
- 3) The political science degree furnishes the students with a unique multidisciplinary approach in Social Sciences and prepare them for the academic study and for careers in the public and private sector.
- 4) Understand the world country society and awareness of ethical problems social rights value and responsibility to the self and two others.



  
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- 5) Take individual and team responsibility function effectively and respectively as an individual and a member or a leader of a team and have the skills to work effectively in multidisciplinary teams.
- 6) Know how to access and evaluate data from various sources of information.



  
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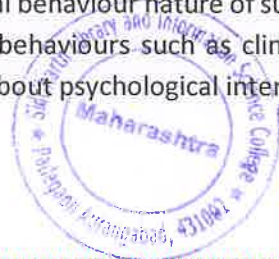
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**Psychology Course Outcome:**

- 1) Students of psychology to grow in sensitivity sympathy and empathy towards others learn to work in a team and developed leadership qualities except and respect individual differences and work with responsibility and commitment and also develop and understanding about inclusive education and its benefits through the social outrage program.
- 2) Students are encouraged to conduct shot empirical and Research so that they develop and understanding about application of statistics and research methodology they are trained to present papers in National level seminars and also to get the research papers published in reputed journals.
- 3) Students gather exhaustive knowledge in different areas pertaining to psychology likes self-love and sound networking different notes of therapy through different seminars workshops hosted by the department.
- 4) Students learn to work within limited time frames, fulfilling multiple commitments with adequate precision, clarity and high quality in their work outputs.
- 5) Students learn the meaning of Psychology, Perspectives on behaviour methods of Psychology. Subfields of Psychology in modern India.
- 6) Students learn perceptual processing role of attention in perception, perceptual organisation, perceptual sets, perceptual constancies, depth Perception, Illusion.
- 7) students learn perspectives on motivation types of motivation and motivational conflict.
- 8) Students learn models of memory levels of processing parallel distributed processing information processing reconstructive nature of memory forgetting improving memory.
- 9) Through the course they must be able to learn to achieve good marks and sound construction about the subject matter which only can help them to move into their higher grade and will sure their admission for post graduate level.
- 10) Good construction in commentary and Metrology will help them in analysing data that in task develop their research orientation for future highest studies.
- 11) Subject conception methodological knowledge and report writing skills about student's seminars talks and departmental workshops will help them to formulate clinical cases writing psychological test reports and also writing their dissertation or reset project report in higher studies.
- 12) Knowledge about the social psychology will help them to gradually different psychological principles to address their personal problems and problems of their surrounding that will possible help them to develop a platform to contribute to the larger society's in future.
- 13) Knowledge of clinical psychology is expected to help them in developing conception about development of normal and abnormal behaviour nature of such behaviours as well as the different ways to diagnose and treat clinical behaviours such as clinical interviews administration of the psychological tests and orientation about psychological intervention.



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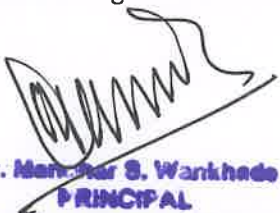
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**Library Science Course Outcome:**

- 1) Library and information science course provides career opportunities in schools, colleges and big Institutions as well as national and state libraries.
- 2) Students with learning experience that helps to in still deep interest in learning Library and Information Science developed broad and balance knowledge and understanding of fundamental concepts principles and theories related to Library and Information Science.
- 3) The course equipped students with skills essential to carry out library housekeeping activities and to provide various Library and Information services using Information and Communication Technology.
- 4) The knowledge and skill base that would enable them to Undertaker further studies in library and information science and in related areas or in multi-disciplinary areas that involve library and information science.
- 5) Develop range of generic skills that are relevant to veg employment in Library and Information centres and also for self-employment and to practice in to preneurship.
- 6) The course develops the student's disciplinary knowledge professional skills critical thinking problem solving student becomes killed communicator by being able to communicate effectively in oral and written forms with uses colleges and authorities in an effective manner.
- 7) Students becomes skilled communicator by being able to communicate effectively in oral and written forms with Users, Colleges and authorities in an effective manner.
- 8) Students becomes digitally literature becomes capable of using digital technology for communication purpose for library housekeeping operations and for searching information forum OPAC and Online Database.
- 9) Student became capable of demonstrating the ability to identify ethical issues related with Intellectual Property Rights copyright etc while providing library services.
- 10) Student became capable of self pest and self-directed learning aimed and personal development for improving knowledge and skills and for reskilling through continuing educational opportunities.



  
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M.Com., M. B. A., M. C. A., M. Phil., Ph. D.

**Sociology Course Outcome:**

- 1) The students are able to understand origin of concept of Sociology and its scientific nature and its relationship with other Social Sciences and its branches the basis concepts like social structure function values and role and status.
- 2) It helps to understand various social Institutions like marriage family worship religion and education and their important role in the society there institution guides members from birth to death it also helps to study social change and theories of social change.
- 3) It enables students to understand various social problems that prevail in the Indian society the major problems like family disorganizations crimes juvenile Berlin Queen child labour and problems of aged people are discussed and possible solutions are suggested.
- 4) It enables the learners to understand social thoughts and sociological theories the founding fathers of Sociology and their contribution for development of sociology as an independent science.
- 5) It helps to know the concept of sex and gender the learner is able to understand status of women in Indian society and women and social institution and various furnished theories it also in lighten important gender issues in India and policies related to women empowerment.
- 6) Students are able to demonstrate knowledge of core sociology concepts.
- 7) Students will be able to define and explain social concept social facts and students will be able to express empirical observation with sociology concepts.
- 8) Students will be able to define and explain main characteristics of Social institutions.
- 9) Students will be able to convey the historical development of sociology.
- 10) It also provides a foundation for the other more derailed and specialized course in Sociology.



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**History Course Outcome:**

- 1) Student shall be able to demonstrate thinking skills by analysing synthesizing and evaluating historical information from multiple sources.
- 2) Students will develop the ability to distinguish between Fact and Fiction while understanding that there is no one historical truth.
- 3) Students will produce well research retain work that engages with both primary sources and secondary literature.
- 4) Students will develop and inform familiarity with multiple cultures.
- 5) Students will demonstrate their understanding of course and effect along with their knowledge of the general chronology of human experience.
- 6) Address the Historiography of the topic which means that they will be able to think critically about the issues and how other historians have interpreted them.
- 7) Use historical data to make judgements on historical.
- 8) The students will get opportunity for careers in the field like government organisation museum curator archaeology historian work in film industry teacher lectureship etc.
- 9) Enable the students to understand history of the discipline of history.
- 10) Locate work on history in the background on the wearing trends in writing the same and to critically evaluate them in the light of new theories and concepts the course intents to familiarize the students with the broad contours of Social Sciences and their methodology.
- 11) Examine the experts of the society during the development of a state in ancient India and the aspects of early Empire in North India.
- 12) Understand the emergence of heterodox religions like Jainism and Buddhism.
- 13) Realise the impact of colonialism and its presence in Contemporary India.
- 14) Trace the mass basis of Indian National Movement.
- 15) Realise the Social and Economic issues of contemporary India and engage in the socially useful productive works.
- 16) Realise the importance of the Constitution of India and recognise the contribution of leaders and personalities who prepared it.
- 17) Realise the diverse nature of Indian culture.



  
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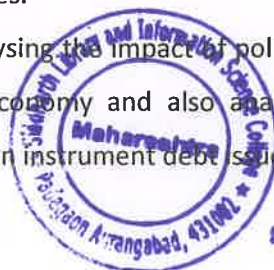
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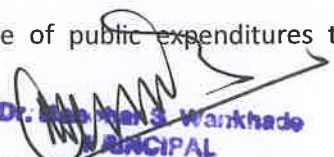
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**Economics Course Outcome:**

- 1) Develop the elementary concepts and its basic tools in Economics to help students to apply it in the real world.
- 2) Enable students to connect with a sustainable economic environment and development basic abilities to build strategies to develop society in contacts to the environment.
- 3) In calculate understanding among students to Economics with Industries labours and welfare to furnished students with past and current dynamics of Economics.
- 4) Explain the working of fiscal and monetary policy and developed the ability to analyse India economic relation with the rest of the world.
- 5) Students will be able to understand the links between household behaviours and the economic models of demand.
- 6) It will also help in understanding the efficiency and equity implications of market interference including government policy.
- 7) It will result in comprehensive understanding of India economic.
- 8) Student will be able to understand government policies and programs.
- 9) It will give in depth knowledge of Banking and finals to the students of Economics with practical inputs and prepares them as a responsible customer.
- 10) It will help students in understanding the behaviour of individuals and small organisations in making decisions on the allocations of limited resources.
- 11) It helps in developing understanding of the students to different sectors of Indian Economy.
- 12) Students will be able to understand how planning and infrastructure support can develop an Economy.
- 13) It helps students to study the aggregates and to provide overall idea about national economic policies and its implications.
- 14) To understand the conceptual framework of financial market and Institutions of India majorly.
- 15) To explain development economic growth theories international trade development theories and related economic development theories.
- 16) It will help in understanding and analysing the impact of policy on the allocation of resources and the distribution of income in the economy and also analyse of public expenditures taxation budgetary procedure stairs stabilization instrument debt issues.



  
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- 17) Student will be able to understand the landscape of Indian Economy.
- 18) The course will understand the economic operation and financial Framework with particular applications to the transaction of insurance business.
- 19) Student will learn how to think critically about public policy issues.
- 20) The course is helpful to develop a systematic exploration of models that try to explain composition direction and consequences of international trade.



  
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**Public Administration Course:**

- 1) The learning outcomes are in terms of Knowledge professional attitude work ethics critical thinking self-manage learning adaptability problem solving skills communicative skills inter personal skills and group teamwork.
- 2) To understand the administrative theories and concepts to make sense of Administrative practices.
- 3) To appreciate the nature scope and changing Paradigms of public administration.
- 4) To understand the synthesizing nature of knowledge of public administration from public perspective.
- 5) Awareness about the evolution and growth of the discipline of public administration.
- 6) Learning of basic Principles and Approaches Public Administration.
- 7) Demonstrate critical thinking and the Communication Skills as applied to the Public and Private Sectors.
- 8) Knowledge about the evaluation and growth of Indian Administration.
- 9) Understanding the inbuilt control mechanism over constitutional bodies in particular and administration in general.
- 10) Awareness about the Institutions and mechanism in force of four citizen state interface.
- 11) Demonstrate broad understanding a public affairs policy development policy analysis economic analysis management skills and Organisation theory and their applications to public service.
- 12) Understand the form and substance of local government in India scenario.
- 13) Understand and analyse social policies their structures in India like health education.



  
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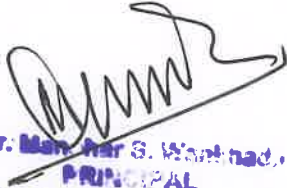
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### **Bachelor of journalism (1 Year Degree Course)**

After completion of a full time degree in B.J. one can have this options of plethora of fields to work in a person can get a job in the Marketing and Digital Agencies, Publishing and Broadcasting Companies more over one can become a writing progress or a Graphic Designer, Photographer, R.J., Film Maker etc.

- Po. 1** Practical Application to understand the Practical Application of Journalism Reporting and Writing.
- Po.2** Internships Practical experience in Mass Media or other company through an internship.
- Po.3** To understand the history and role of professional journalist in shaping Indian society.
- Po.4** To equip the students with basic generalist skill.
- Po.5** Identify the stylistic differences between print broadcast sports mobile and online Journalism.
- Po.6** Master writing news leads new story structure beat reporting and feature writing for a variety of Mass Medium.
- Po.7** To demonstrate a family with the basic of Public Relation Advertisement and Corporate Communication
- Po.8** Same of the employment areas of this courses are Newspaper, Blogs, Magazines, Radios Telecast, websites, Television Channels, Books, Novels, Periodicals, Legal Films, Advertising Agencies.



  
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**Program Outcome of M.M.C.J. (2 Years Master Course):**

Master of Mass Communication and Journalism is a unique program in many ways majority of our expected program outcomes largely fulfil the goals this program is able to generate 100% placements because we balance practical as well as kill base learning in our curriculum our student are most versatile media professional we cover always of Communication in our Course work.

- 1) Students will have understanding of our constitution and would be aware about legal aspects of the media and its values.
- 2) Students would be able to understand the sociological concept theories and have knowledge of Indian culture and Society.
- 3) Students are able to exercise their critical thinking in creating new knowledge leading to Innovation Entrepreneurship and employability.
- 4) Explore new knowledge independently for the development of the nation and the word and are able to engage in a lifelong learning process.
- 5) Gather information and use digital literacy in capturing data from various sources and development and aptitude for innovative communication.
- 6) Think critically and creatively developing and interest in discovering New Horizons in Journalism and Mass Communication.
- 7) This program highlights Amalgamation Humanities Social Sciences and new media into advertising media and entertainment to make students aware of development both in the global and local spheres.
- 8) This program will equip the learners with professional skills essential for making career in media industry television public relation social media platforms etc.
- 9) Students would be able in hands understanding of the origin of the print electronic and web media.
- 10) Students will have the ability to work effectively both as individuals and as members or leaders of diverse teams performing in multi-disciplinary scenarios.



  
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**MSC (Computer Science) Program outcomes:**

After completion of this 2 years Post-Graduation core students will acquire and ability to apply knowledge of computing and mathematics appropriate to the discipline and ability to identify formulate and develop solutions to computational challenges. An ability to design, implement and evaluate a computational system to meet design needs within realistic constraints. The master of science in Computer Science program provides the students with knowledge general computers and analytical skills on and advance level needed in Academics, Industry, Research.

- Po.1** Be Technological oriented with the knowledge and ability to develop Creative Solutions and better understand the effects of future developments of computer systems and technology on people and Society.
- Po.2** Get some development experience within a specific field of computer science through project work.
- Po.3** Get ability to apply knowledge of computer science to the real world issues.
- Po.4** The familiar with current research within various fields of Computer Science.
- Po.5** Use creativity critical thinking analysis and Research Skill.
- Po.6** Learn new technology grasping the concepts and issues behind its use and the use of Computer.
- Po.7** Get prepaid for placement by developing personality and soft skill.
- Po.8** Communicate scientific information in a clear and concise manner.
- Po.9** Build a programming analytical and logical thinking abilities.
- Po.10** Know the recent Developments It Features Possibilities and Limitations and Understand the value of lifelong learning.



  
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### MSC (Chemistry) Program Specific Outcomes:

1) **Knowledge:** acquire sound knowledge about the fundamentals and applications of chemical and scientific theories also familiar with the different branches of chemistry like analytical organic inorganic physical environmental polymer and biochemistry.

2) **Creative Thinking:** able to think creatively (divergently and convergent) to prepare novel ideas in explaining facts and figures are providing new solution to the problems in chemistry.

3) **Interdisciplinary Approach:** realise how inter disciplinary approach helps in providing better solutions and new ideas for the sustainable development.

4) **Professional Skills:** acquire scientific temper and skills in handling scientific instruments and ability to synthesis separate and characterize compounds using laboratory and instrument of techniques required in research and industry.

5) **Communication Skills:** acquire communications skills interpersonal and soft skills to which will help in expressing ideas and views clearly and effectively.


6) **Environment and Sustainability:** understand the environmental issues global warming climate change ozone depletion and will create awareness in society

### Program outcomes.

Students after completing this program of Master science ie. members CR expected to get equipped with following outcomes.

- ability to develop research methodology for research using the principle basic Sciences
- develop personal skills and ability required for further research.
- to prepare students for different instrumentations and make them master in it.
- to build personality who takes challenges without fear.
- to develop and ability to think rationally and fight against Evil deeds in society.
- to prepare an individual to acquire knowledge in particular subject thoroughly.



  
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