

**R.G. (P.G.) COLLEGE, MEERUT**  
**Program Outcomes, Program Specific Outcomes and Course Outcomes for All Programs**  
**Offered by the Institution**  
**Session: 2018-19**

**Department of English**

<b>Programme outcome</b>	Programme of M.A English is designed to make students aware about the culture and literature of different countries through teaching of literature and critical theory of writers of different nationality. At the outset it aimed to develop critical ability as well as communicative competence.
<b>Programme specific outcome-</b>	On successful completion of M.A English students will develop competence in following skills- 1. They will develop communicative competence in English. 2. They will develop critical ability to analyse the cultural, historical practices of society in general and text in particular. 3. Students will understand the discourses prevalent in world.

**DEPARTMENT OF HINDI**

<b>Programme Outcome</b>	Develop Hindi reading & linguistic comprehension of students. Develop interest in literature story and poetry. Develop knowledge of Literary forms in Hindi Khandkavya. Know Indian Poetry structure in ancient and modern era. Know the importance of criticism. Get information about Alankar in Hindi Literature. Get information about the Novel and Story Literature. Get introduction of Hindi authors. Get information about the autobiography, essay and drama literature. Get information about well-known poet Vidyapati, Bihari, Ghananand, Bhushan & Saint Tulsidas. Know Indian Poetry structure in ancient era.
<b>Programme Specific Outcome</b>	<b>U.G.:</b> Get information about Gadya & Padya Vidha's. Get information about Chhand in Hindi Literature. Know Western Poetry Structure in ancient and modern era. Develop interest in Novel & Drama. Understand Novel forms and their types. Know the concept of Drama. Increase vision regarding literary value Get introduced to the Minor genres such as one act play and Essay. Acquainted with the language, style, dialogue structure of the age to which it belongs. Study the socio-cultural & political background of from 1000 to 1975. Know the importance of language in human life Know the various methods to the study of language. Understand the communication process and method. Develop knowledge of Hindi Linguistics & Grammar. Know the concept of Linguistics. <b>P.G.:</b> Get information about the Novel and Story Literature. Get information about Medieval Hindi Literature forms. Study social change effect on Medieval Hindi literature. Get introduction of Hindi authors. Get information about the autobiography, essay and drama literature. Get information about Hindi Literature forms. Get Information about Saint Poet & their Literature. Get information about Hindi's Historical Literature forms. Get information about well-known poet Vidyapati & Sant Tulsidas. Know the Medieval Hindi Literature. Get information about Hindi's Historical Literature forms. Get information about well-known poet Bihari, Ghananand & Bhushan. Know Indian Poetry structure in ancient era. Know the importance of Criticism. Increase vision regarding literary values Know the concept and process of literature.

## DEPARTMENT OF SANSKRIT

Programme Specific Outcome	<p><b>U.G.:</b></p> <ol style="list-style-type: none"> <li>1. Students graduating in this course can understand the linguistic features and literary aspects of Sanskrit language.</li> <li>2. Students will understand the moral and social values in ancient Sanskrit literature.</li> <li>3. Students can develop their interest in Sanskrit and thus work to rejuvenate the language.</li> <li>4. They can go for Postgraduate course in Sanskrit. M.A. Sanskrit Program</li> </ol> <p style="text-align: center;"><b>P.G.:</b></p> <ol style="list-style-type: none"> <li>1. Students will be specialized in Sanskrit language and literature through this course.</li> <li>2. They can pursue their career as a Sanskrit teacher.</li> <li>3. They can appear for SET/NET exams or go for research studies in Sanskrit language and literature.</li> <li>4. Students will be well equipped with the high morale reflected in classic Sanskrit literature.</li> <li>5. They can follow these values in their personal and social life.</li> </ol>
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## DEPARTMENT OF SOCIOLOGY

Programme Outcome	
Programme Specific Outcome	<p>Curriculum or Syllabus of the sociology department attempts to provide social sense amongst the students. It also encourages them to have sociological understanding of various concepts which we observe in the society and at the same time provide them with a sociological perspective to analyze social issues, social movements, social structure, social thinkers and their theoretical contribution in the sociology. Teaching faculties of the Sociology department took initiative to make students familiar with the sociological discourse. It can be defiantly observed that as specific outcome of these programmes students became more familiar with the sociological discourse. They have got sociological understanding of social issues, social movements, social thinkers and their work in sociology, social structure and concepts which found in the society. Another outcome of the programme was the academic study of the papers related to social research methods, social welfare policies, human rights and society played very vital role to provide useful knowledge to students for their careers in social research, NGO's and government job.</p>

## DEPARTMENT OF POLITICAL SCIENCE

Programme Specific Outcome	<p><b>U.G.:</b></p> <p>Students will understand the need for a constitution and explain the role of constitution in a democratic society. For the welfare of the society students can demonstrate an understanding of the concepts &amp; central themes of the political ideologies examined. Students will be able to explain the Governmental mechanism from Gram panchayat to Parliament and can suggest solutions over various issues in its functioning and implementation. Students will use various political concepts and ideology to analyze new situations. Students can work as political analyst, political party adviser, as a research scholar or can be a free-lance political thinker and writer.</p> <p><b>P.G.:</b></p> <p>Students will be able to describe the history and making of Indian constitution with its philosophical base. Students will be able to explain parliamentary system in India. Students will be able to critically analyze and apply the basic principles of Indian and western political thinkers and scholars. Students will be able to understand the composition and functions of Election Commission of India and other State Election Commissions and can work as an observer. Students will be able to understand the meaning, nature and scope of the International Relations. The programme provides the students with the capacity to identify issues and problems relating to the realization of human rights.</p>
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## DEPARTMENT OF ECONOMICS

<b>Programme Outcome</b>	To provide students a well-founded education in Economics
	To provide structured curriculum which support the academic development of students.
	To provide and adapt curriculum that prepares our graduates and post graduates for employment and further study as economists.
	To provide the student with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics.
	To provide students with the opportunity to focus on applied and policy issue in Economics.
	To provide programmes that allow the students to choose from a wide range of economic specialization.
	To provide a well-resourced learning environment for Economics.

<b>Programme Specific Outcome</b>	<b>U.G. : B.A.-Economics (MES combination)</b>
	Understand basic concepts of economics.
	Analyze economic behavior in practice.
	Understand the economic way of thinking.
	Analyze historical and current events from an economic perspective.
	Write and discuss economical issues at national levels.
	Develop an ability to suggest solutions for various economic problems.
	Prepare for the competitive examinations.
	<b>P.G. : M.A. (Economics)</b>
	To prepare students for entry to Industry, Business school and doctoral programmes in Economics; for working with banking, consultancy, interest groups, non-profit organizations and policy think tanks; and for positions in local, state and federal legislative and bureaucratic offices.
	To prepare students to become accomplished citizens and professionals capable of critical thinking and independent analysis.
	Students learning will be advanced at the post graduate level with a rigorous educational programme that integrates theory, econometrics, mathematical economics and economic thought with application in a wide variety of fields within economics
	It will be very fruitful for the economic development of the country.
	Through this a student can have depth knowledge about economic theory regarding the way in which economy is influenced by economic policies.
	Provides a deep insight of finance and management sectors and civilizes the soft skill of a student which makes him/her fit to face any challenge in public or private sector.
	Helpful for students seeking job opportunities in teaching and other professions that ask for this degree in economics.

## DEPARTMENT OF PHILOSOPHY

<b>Program Outcome</b>	<p>Study of Philosophy as a subject is committed to strengthening its commitment to student's success and broadening the dimension of thought process of the students. That Under Graduation course of Philosophy is designed to enable the students to... Demonstrate an ability to think independently about a problem related to society and self, and clearly articulate and support their own views.</p> <p>Students completing B.A. in philosophy will be able to explain how a particular thinker can attempt to address a philosophical problem and the significance of thinker's approach. Student will be capable of critical analysis of philosophical argument concerning a particular topic or problem.</p>
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## DEPARTMENT OF GEOGRAPHY

Programme Outcome	<p>Students will develop a solid understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.</p> <p>Students will understand general demographic principles and their patterns at regional and global scales.</p> <p>Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centres.</p> <p>Students will understand global and regional patterns of cultural, political and economic institutions, and their effects on the preservation, use and exploitation of natural resources and landscapes.</p>
Programme Specific Outcome	<p><b>U.G. :B.A.</b></p>
	<p>Students will demonstrate knowledge of the major physical features of the Earth and the ability to locate examples of Earth’s major physical features on a map. Students will demonstrate knowledge of the major cultural features of the Earth and the ability to locate examples of Earth’s major cultural features on a map.</p> <p>Students will demonstrate knowledge of quantitative methods used by geographers and their ability to use statistical software to solve geographic problems.</p> <p>Students will demonstrate their knowledge of physical geography and the methods and techniques for observing, measuring, recording and reporting on geographic phenomena.</p>
Programme Specific Outcome	<p><b>P.G.: M.A.</b></p>
	<p>Students will demonstrate an understanding of current research within the breadth of geography, as well as more in depth knowledge of research in their specialty areas.</p> <p>Students will demonstrate an understanding of basic spatial statistics and multivariate quantitative and analytical methods, and other appropriate tools for spatial analysis.</p> <p>Students will demonstrate an understanding of the components of research design including problem definition, theory, literature review, methodology, and analysis.</p> <p>Students will demonstrate significant research and writing expertise resulting in a meaningful scholarly contribution. Students will be prepared to apply their skills in professional careers.</p>

## DEPARTMENT OF HOME SCIENCE

Program Outcome	<p>Home science has its own unique features which distinguishes itself from other subjects. It helps in improving the domestic skills like housekeeping, food preservation, stitching, interior decoration, cookery, home decoration, child rearing etc. which is of wide application now a days. Five disciplines of Home Science are focused upon the recent trends in the entrepreneur as well as job oriented. Along with it the knowledge of Home Science improves the quality of life: the study of home science provides the homemaker with the knowledge and skills required to manage a home effectively. Helps in the best utilization of resources to get maximum satisfaction and returns: Family resource management provides knowledge necessary to make intelligent decisions regarding the Purchases budgeting and other managerial activities. Helps to improve family relationships. Develops in the students the necessary skills and techniques required for better homemaking and family living. The importance of Home science has further increased to meet the demands of the modern society. The knowledge of Home science is derived from physical, social, and biological sciences and many arts, which is applied towards achieving better, healthier and happier homes.</p>
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## DEPARTMENT OF MUSIC

Programme Outcome	<p>Students will be able to pursue their career as a singer. Students will demonstrate their knowledge of instructional methods pertaining to choral, instrumental and general music education. Students can conduct their own concerts where they can perform individually or as a group. Students will be eligible for post graduate courses in music.</p>
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### DEPARTMENT OF DRAWING AND PAINTING

<b>Program Outcome</b>	The graduates are professional Artist and Photographers, land scape, designer illustrators, teacher, gallery director and art therapists. Many art students pursue graduate schools while other pursue business opportunities such as starting art galleries and working in design firms.
<b>Program Specific Outcome</b>	<p>PSO 1- Creative Process Students will be able to use a variety of brain storming techniques to generate novel ideas of Value to solve problems.</p> <p>PSO 2- Development of skill and Technique Students will have sufficient mastery of one or more media to complete the technical and formal challenges pertinent to a body of original work.</p> <p>PSO 3- Communication of ideas and Context Student will be able to clearly communicate the content and context of this work visually orally and in writing.</p> <p>PSO 4- Development of Behavior Students will develop behaviors such as curiosity initiative, and persistence that will help them engage with the world in productive ways. Students will be to work independently or collaboratively to achieve stated goals.</p>

### DEPARTMENT OF ZOOLOGY

<b>Program Outcome</b>	Zoology is also known as animal science the branch of biology devoted to the animal kingdom including the structure, embryology, evolution, classification habits and distribution of all animals both living and nonliving (extinct) & how they interact with the ecosystem. This course emphasizing distribution, morphology, physiology, biochemistry, epidemiology, immunology of cell, tissue and organs. Students will acquire and demonstrate the various laboratory techniques to make temporary and permanent slides of vertebrate and non-vertebrate animals. They (Students) will learn all above techniques in theory as well as in practical periods. Students will communicate scientific concept, experimental work and analytical arguments clearly and concisely.
<b>Program Specific Outcome</b>	<p>Undergraduate students will be very versed with the basic knowledge in the field of animal sciences and will have several fields of life sciences open for her to explore and join as post graduate students.</p> <p>Postgraduate students of zoology will be specialize in the field of Fish and Fisheries which opens for them various research and enterpreunal fields besides going in for NET Gate and other competition exams</p>

### DEPARTMENT OF CHEMISTRY

Program Outcome	Students will demonstrate an understanding of major concepts in all disciplines of chemistry. Students will employ critical thinking and the scientific method to design, carry out, record and analyze the results of chemical experiments and get an awareness of the impact of chemistry on the environment, society, and other cultures outside the scientific community.
Program Specific Outcome	The ability to explain chemical nomenclature, structure, reactivity, and function in their specific field of chemistry. The design and execution of the experiment should demonstrate an understanding of good laboratory and the proper handling of chemical waste streams and also explain how the applications of Chemistry relates to the real world.

### DEPARTMENT OF BOTANY

<b>Program Outcomes-</b>	<ul style="list-style-type: none"> <li>• Students will be able to gain knowledge and understanding of the range of plant diversity, structure, function and their environmental relationship.</li> <li>• Students will be able to acquire intellectual skills and be able to think logically ad assimilate knowledge and ideas based on reading books and through multimedia facilities.</li> <li>• Students shall learn to carry out practical work in the field and in the laboratory with minimal risk.</li> <li>• They will learn presentation skills - both verbal and written.</li> <li>• They shall learn to use library resources and learn to manage time.</li> </ul>
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### DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

<b>Program Outcome</b>	Curriculum of Physical Education and Sports (Qualifying course) is a compulsory paper for undergraduate level students. This paper is required for all students of B. Sc. and B.Com. to instill the spirit of completeness. Students to make them physically activity to developed healthy mind and body.
<b>Program Specific Outcome:</b>	<p>Students have to complete theory and practical exam in each graduation course year. Theory and practical have been in given same weights in exams.</p> <ul style="list-style-type: none"> <li>➤ Students learn rules and regulations, skills, techniques and ground measurement of sports.</li> <li>➤ Students become aware about the career opportunity available in sports.</li> <li>➤ To make students aware about regular signatory body doping rules.</li> <li>➤ To help students to learn competitiveness, team spirit and lead a healthy life.</li> <li>➤ Beside sports activity students are also trained for yoga. This is very helpful in mental and physical health.</li> </ul>

### DEPARTMENT OF COMPUTER APPLICATION B.A. (COMPUTER APPLICATION)

<b>Program specific Outcome</b>	Ability to apply the knowledge gained from computer science course in particular to identify, formulate and solve real life complex engineering problems faced in industries and/or during research work with due consideration for the public health and safety, in the context of cultural, societal, and environmental situations. Ability to provide socially acceptable technical application of modern and appropriate techniques for sustainable development relevant to professional engineering practice. Ability to apply the knowledge of ethical and management principles required to work in a team as well as to lead a team.
<b>Programme Outcome</b>	An ability to apply knowledge of computing and mathematics. An ability to analyse a problem, and identify and define the computing requirements appropriate to its solution. An ability to design, implements, and evaluate a computer-based system, process, component, or program to meet desired needs. An ability to function effectively on teams to accomplish a common goal. An understanding of professional, ethical, legal, security and social issues and responsibilities. An ability to communicate effectively with a wide range of audiences. An ability to analyse the local and global impact of computing on individuals, organizations, and society. Recognition of the need for and an ability to engage in continuing professional development. An ability to apply mathematical foundations, algorithmic principles, and computer-based systems in a way that demonstrates comprehension of the trade-offs involved in design choices. An ability to apply design and development principles in the construction of software system of varying complexity

### DEPARTMENT OF COMMERCE

<b>Program outcomes</b>	This program is structured to provide in depth knowledge to students about various core subjects like accounting,law, statistics, economics, auditing etc. The students has adequate knowledge of adapting to the changes in the flexible business world. This program will help to develop skilled manpower for industry and commerce.
<b>Program specific outcomes</b>	A B. Com student can explore numerous career options after obtaining the degree. Students either can start their own venture or look for job prospect in the area of accounting, marketing, banking, stock broking, secretarial practices etc. They can become accountant, auditor, tax auditor, manager, statistician, accounts clerk, cashier etc.

## DEPARTMENT OF EDUCATION

<b>Programme Outcome</b>	<p>The programme titled B.Ed is intended to breed the following benefits to students.</p> <ul style="list-style-type: none"> <li>• Provide basic knowledge regarding teaching-learning process.</li> <li>• Basic knowledge regarding education system.</li> <li>• To inculcate knowledge to understand the problems of students.</li> <li>• Acquire the knowledge of education in different periods like ancient.</li> </ul>
<b>Programme Specific-</b>	<ul style="list-style-type: none"> <li>• Understand basic concept and ideas of educational theory.</li> <li>• Build understanding and perspective on the nature of the learner, diversity and learning.</li> <li>• Develop understanding about teaching, pedagogy, school management and community involvement.</li> <li>• Build skills and abilities of communication, reflection, art, aesthetics, self-expression and ICT.</li> </ul>

## DEPARTMENT OF B.VOC APPLIED CLINICAL PSYCHOLOGY

<b>Program Outcome</b>	<p>To produce graduates with effective interpersonal skills who can work in a variety of practical settings. To enable students to obtain the knowledge and skills necessary for immediate employment and/or graduate study in psychology and related areas. To provide opportunities for students who wish to apply psychology training to employment in business and human service-related organizations or to prepare for graduate programs in related areas.</p>
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## DEPARTMENT OF B.Voc. YOGIC SCIENCE

<b>Program Outcome</b>	<p>This program has been designed for meeting the demand of the growing needs of experts in the fields of Naturopathy, Yoga and related oriental treatments and therapies. The program brings together contemporary classroom learning techniques coupled with a traditional yogic gurukul way of life strengthening scientific evidence of the positive effects of yoga and meditation on human health. The way yoga has become popular these days, there are ample job opportunities for qualified yoga experts in India and abroad. It is a dynamic and challenging career in which one could achieve personal growth and respect from society by imparting Yoga training to all sections of the society.</p>
<b>Program Specific Outcome</b>	<p style="text-align: center;">U.G.</p> <ul style="list-style-type: none"> <li>• The graduates will demonstrate knowledge and skills of yoga science necessary to become professional yoga trainer.</li> <li>• The graduates will be skillful in various yoga techniques to provide healthcare solutions for the benefit of the society at every stage of life.</li> <li>• The graduates will be able to demonstrate leadership qualities and entrepreneur skills by working and communicating effectively in interdisciplinary environment, either independently or in a team.</li> <li>• The graduates will be involved in life-long learning and professional development through self – education, continuing education or graduate and professional studies.</li> <li>• The graduates will engage in life-long learning and professional development through self-study, continuing education or professional and doctoral level studies.</li> </ul>

**DEPARTMENT OF B.VOC INFORMATION TECHNOLOGY**

Course	Course Out comes
English Language & Profession Communication I	To inculcate knowledge of English and professional communication.
Applied Mathematics I	On successful completion of this subject the students should have knowledge of matrices, differential calculus, multiple integrals and vector calculus.
Applied Physics I	On successful completion of this subject the students should have knowledge one digital circuits and various components in physics. To understand polarization, spiral theory of etc.
Computer fundamental,MS Window and MS Office Tools	To inculcate knowledge of computer fundamentals and understand the basic concept and the usage of internet, mail creation, resume preparation, develop excel sheets, develop ppts, etc.
English language professional Communication II	To inculcate knowledge of English and professional communication and Personality development.
Applied Mathematics-II	To inculcate knowledge on mathematics using Laplace transform, Fourier series, etc.
Basic Electronics	On successful completion of this subject the students should have knowledge of basic electronics.
Programming in C	On successful completion of this subject the students have the programming ability in C language.
Discrete Structures	To inculcate knowledge of sets, function and relation. To understand propositional logic, combinatorics & Graphs.
Switching theory & logic design	To understand logic circuits, gate delay, fault delection memories.
. Date structure using C	Enable the students to understand the abstract data types stack,queue,dequeue,and list.To be able to implement the Stack,queue,and dequeue.
Computer Oriented Numerical Techniques	To inculcate knowledge of algebra & transcendental equation interpolation
Computer Organization	To understand register transfer language, control design, processer design, input/output organization and memory organization.
OOP through C++	To inculcate knowledge of Object Oriented Programming Concept and programming in C++.
Database Management System	To inculcate knowledge on DBMS concept & introduction to SQL.

System software	Enable the students to get sufficient knowledge on various system resources to understand language processor, assembler and compiler.
Web designing with Java programming	To inculcate knowledge on Java Programming concepts. To understand the concepts in web design.
System analysis and design	To inculcate knowledge of system requirements, functional and technical requirements. To understand the scope of object oriented requirements specification and analysis and e
Computer Networks	To inculcate knowledge on networking concepts and technologies like wireless , broadband and Bluetooth



**N.C.C**

<p>Programme Outcome</p>	<p>The program Develops youth force as trained and disciplined leadership. Students will have the knowledge about Disaster Management. The student will get knowledge of Drill with Arms as a military training elementary aspect. The student will also be well versed in the knowledge of field signals, section and platoon formation, and art of using ground and the available weapon as a military training elementary aspect developing a chance of Employability in defense, paramilitary forces and other services. Enhancement of skill and patriotic values among youth.</p>
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