

**R.G. (P.G.) COLLEGE, MEERUT**  
**Program Outcomes, Program Specific Outcomes and Course**  
**Outcomes for All Programs Offered by the Institution**  
**Session: 2019- 2020**

**Department of English**

Programme outcome

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 aims to develop critical ability as well as communicative competence.

Programme specific outcome

On successful completion of M.A, English students will develop competence in the following skills-

They will develop communicative competence in English. They will develop critical ability to analyse the cultural, historical practices of society in general and text in particular. Students will understand the discourses prevalent in world.

**Department of Hindi**

Programme Outcome

The subject develops Hindi reading & linguistic comprehension of students, interest in literature, story and poetry. develops Also it knowledge of literary forms in Hindi Khandkavya. and use of Indian Poetry structure in ancient and modern era It further importance of criticism emphasizes in the linguistics.

Through this subject the students get knowledge about Alankar in Hindi Literature, Hindi authors and well-known poets such as Vidyapati, Bihari, Ghananand, Bhushan & Saint Tulsidas as well as the concept of autobiography, essay and drama literature.

Programme Specific Outcome

Develop Knowledge about Gadya & Padya Vidha's, and about Chhand in Hindi Literature.

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 Hindi from 1000 to 1975. Know the importance of language in human life. Learn the various methods to study language. Understand the communication process and method. Develop knowledge of Concept of Linguistics & Grammar. Effect of social change on Medieval Hindi literature. Increase vision regarding literary values through the concept and process of literature.

**Department of Sanskrit**

Programme Outcome

Students graduating in this course can understand the linguistic features and literary aspects of Sanskrit language.

Students will understand the moral and social values in ancient Sanskrit literature.

Students can develop their interest in Sanskrit and thus work to rejuvenate the language.

They can go for Postgraduate course in Sanskrit. M.A. Sanskrit Program

Programme Specific Outcome

Students after specializing in Sanskrit language and literature through this course can pursue their career as a Sanskrit teacher.

They can appear for SET/NET exams or go for research studies in Sanskrit language and literature.

Students will be well equipped with the high morale reflected in classical Sanskrit literature and so can follow these values in their personal and social life.

## **Department of Sociology**

### Programme Specific Outcome

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. 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 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 plays very vital role to provide useful knowledge to students for their careers in social research, NGO's and government job.

## **Department of Political Science**

### Programme Outcome

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 & 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.

### Programme Specific Outcome

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.

## **Department of Economics**

### Programme Outcome

To provide students a well-founded education in Economics, a structured curriculum which support the academic development of students and prepares our graduates and post graduates for employment and further study as economists. To hand over students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics & also focuses on applied and policy issue in Economics.

To equip the students programmes that allow with to choose from a wide range of economic specialization and contributes them to a well-resourced learning environment for Economics.

### Programme Specific Outcome

Education in the Subject of Economics enables students to 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 as well as prepare for the competitive examinations.

It also prepares 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. Preparing students to become accomplished citizens and professionals capable of critical thinking and independent analysis is another aim fulfilled after studying Economics at Post graduate level as it integrates theory, politics, econometrics, mathematical economics and economic thought with application in a wide variety of fields within economics. A deep insight of finance and management sectors augments the soft skill of a student which makes him/her fit to face any challenge in public or private sector. The subject of economics would thus Help students seeking job opportunities in teaching and other professions that ask for this degree in economics.

## **Department of Home Science**

### Programme Outcome

Home science has its own unique features which distinguishes itself from other subjects. It helps in improving the domestic skills of its students through knowledge in areas of 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 entrepreneurship as well as job catering to various opportunities. The Knowledge of Home Science is desired from almost all the areas of Humanities and sciences and applied towards achieving better, healthier, knowledgeable and productive individuals who would be an asset to the society, nation in general and family in particular. Along with it the knowledge of Home Science improves the quality of life by providing the homemaker with the knowledge and skills required to manage a home effectively by utilization of resources to get maximum satisfaction and returns: Family resource management, an area of the subject of Home Science imparts knowledge necessary to make intelligent decisions regarding the purchases, budgeting and other managerial activities. It also helps to improve family relationships by developing in the students the necessary skills and techniques required for better homemaking and family living.

## **Department of Music**

### Programme Outcome

The subject enable students to pursue their career as a singer and augments their knowledge of instructional methods pertaining to choral, instrumental and general music education. Students specializing in the subject can conduct their own concerts where they can perform individually or as a group. They can also apply for various jobs requiring expertise in the subject.

## **Department of History**

### Programme Outcome

The Under Graduate course in History Major comprises of Ancient, Medieval and Modern Indian history, which can be further categorized into History of Science and Technology, Historiography, Sultanate period, Mughal period, India under the East India Company, Indian Freedom Movement. The course also includes European History (different periods) and International Relations. After the completion of MA, history scholars will be able to distinguish between primary and secondary sources and identify and evaluate evidence and demonstrate in discussion and written work their understanding of different peoples and cultures in past environments and of how those cultures changed over the centuries. They are also able to produce their own historical analysis of documents and develop the ability to think critically and historically when discussing the past. The Subject thus gives them the ability to compare and contrast different processes, modes of thoughts and modes of expression from different historical time periods and in different geographical areas by making the students capable of offering multi-causal explanations of major historical developments based on a contextualized analysis of interrelated political, social, economic, cultural and intellectual processes. It enables them to write an original research paper that locates and synthesizes relevant primary and secondary sources and has a clear, coherent and plausible argument, logical structure, proper references. Also, it would foster the skills to present orally their research or a summary of another's research in an organized, coherent and compelling fashion.

Dissertation in the Subject enables Understanding of techniques and methods of presentation in History by the students by Preparation of preliminary bibliography Collection of Data, Presentation of findings and drafting the Dissertation.

### Programme Specific Outcomes

After completion of this course. the students gather knowledge about the socio-cultural heritage of India and world as well thus helping to grow national and international understanding among history students. Careers options for students include engagement as educators, archivists, producers of multimedia material and even as a researcher in historic Sites and Museums, Historical Organizations, Cultural Resources Management and Historic Preservation etc as History helps them in knowing the past people, their culture, their religions, and their social systems and transforms them into responsible citizens to make a better future.

## **Department of Philosophy**

### Programme Outcome

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. The 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. 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 and apply this philosophy in one's own life to become a productive part of society.

## **Department of Geography**

### Programme Outcome

Students will develop a solid understanding of the concepts of "space," "place" and "region" and their importance in explaining world affairs. They will understand general demographic principles and their patterns at regional and global scales and will be able to locate on a map major physical features, cultural regions, and individual states and urban centers. The knowledge in the subject will enable Students to 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.

### Programme Specific Outcome

Knowledge of this subject would enable the students to 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 the major cultural features of the Earth and the ability to locate examples of Earth's major cultural features on a map. The subject thus augments their knowledge of quantitative methods used by geographers and their ability to use statistical software to solve geographic problems as well as of physical geography and the methods and techniques for observing, measuring, recording and reporting on geographic phenomena.

After specialization in the subject the students would develop an understanding of current research within the breadth of geography, as well as more in-depth knowledge of research in their speciality areas, demonstrate an understanding of basic spatial statistics and multivariate quantitative and analytical methods, and other appropriate tools for spatial analysis, inculcate an understanding of the components of research design including problem definition, theory, literature review, methodology and analysis and would demonstrate significant research and writing expertise resulting in a meaningful scholarly contribution. Students would in this way be prepared to apply their skills in professional careers.

## **Department of Drawing and Painting**

### Program Outcome

Students after graduation and post-graduation can be a professional Artist and land scape designer, illustrators, teacher, gallery director and art therapists. Many students can pursue business opportunities such as starting art galleries and working in designing firms.

### Program Specific Outcome

Students would be able to use a variety of brain storming techniques to generate novel ideas of Value to solve problems. Development of behavior, skill and Technique: they would have sufficient mastery of one or more media to complete the technical and formal challenges pertinent to a body of original work. Communication of ideas and Context: Student would be able to clearly communicate the content and context of this work visually orally and in writing. Students would develop behaviors such as curiosity, initiative and persistence that will help them to engage with the world in productive ways.

## **Department of Zoology**

### Programme Outcome

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 extinct & how they interact with the ecosystem. This course emphasizes distribution, morphology, physiology, biochemistry, epidemiology, immunology of cell, tissue and organs. Students will acquire and demonstrate the various laboratory techniques using vertebrate and un-vertebrate animal materials. Students will learn various techniques in theory as well as in practicals Students will be able to communicate scientific concept, experimental work and analytical arguments clearly and concisely.

### Programme Specific Outcome

Undergraduate students would well be versed with the basic knowledge in the field of animal sciences and will have several fields of life sciences open for them to explore and join as post graduate students. Postgraduate students of Zoology will 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 competitions exam.

## **Department of Chemistry**

### Programme Outcome

Students will have an understanding of major concepts in all disciplines of chemistry and 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 would demonstrate an understanding of good laboratory and proper handling of chemical wastes streams and also explain how of Chemistry relates to the real world.

## **Department of Botany**

### Program Outcomes

Students will be able to gain knowledge and understanding of wide range of plant diversity, structure, function and their environmental relationship. Students will be able to acquire intellectual skills and be able to think logically and assimilate knowledge and ideas about horticulture, Agriculture, usage of medicinal plants etc. Students shall learn to carry out practical work in the field and in the laboratory about various techniques

## **Department of Physical Education & Sports**

### Program Outcome

Curriculum of Physical Education and Sports (Qualifying course is a compulsory paper for undergraduate level students) to them Students physically active and develop healthy mind and body.

### Program Specific Outcomes

Students learn rules and regulations, skills, techniques and ground measurement of sports. Students become aware about the career opportunity available in sports and about regular signatory bodies and doping rules.

Students learn competitiveness, team spirit and lead a healthy life.

## **Department of Computer Application**

### Program Outcome

Ability to apply the knowledge gained from computer science course 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.

### Program specific Outcomes

A ability to apply knowledge of computing and mathematics 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.

Understanding of professional, ethical, legal, security and social issues and responsibilities. Ability to analyse the local and global impact of computing on individuals, organizations, and society.

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 to be able to design and develop principles in the construction of software system of varying complexity

## **Department of Commerce**

### Program outcomes

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.

### Program specific outcomes

Student can explore numerous career options after obtaining the degree. They 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**

### Programme Outcome

The programme titled B.Ed is intended to breed the following benefits to students.

Provide basic knowledge regarding teaching-learning process. Basic knowledge regarding education system. To inculcate knowledge to understand the problems of students. Acquire the knowledge of education in different periods like ancient, medieval and modern.

### Program specific outcomes

Understand basic concept and ideas of educational theory. Build understanding and perspective on the nature of the learner, diversity and learning. Develop understanding about teaching, pedagogy, school management and community involvement. Build skills and abilities of communication, reflection, art, aesthetics, self-expression and ICT.

## **Department of B.VOC Applied Clinical Psychology**

### Program Outcome

Will produce graduates with effective interpersonal skills who can work in a variety of practical settings and enable students to obtain the knowledge and skills necessary for immediate employment and/or graduate study in psychology and related areas. It will provide opportunities for students who wish to apply for psychological counselling as employment in business and human service related organizations.

## **Department of B.VOC Yogic Science**

### Program Outcome

This program has been designed for meeting the growing demand of the society for 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.

### Program Specific Outcome

The graduates will demonstrate knowledge and skills of yoga science necessary to become professional yoga trainer and provide healthcare solutions for the benefit of the society.

## **Department of B.VOC Information Technology**

### Program Outcome

The students will have knowledge of matrices, differential calculus, multiple integrals and vector calculus, Laplace transforms, Fourier series etc. Students will learn Digital circuits, polarization base electronic. students will be well versed with Computer fundamental, MS Window and MS Office Tools, concept and the usage of internet, mail creation, resume preparation, develop excel sheets, develop ppts, etc. C language propositional logic, combinatorics & graphs. Switching theory & logic design, logic circuits, gate delay, fault detection, memories. abstract data, types of stack, queue, dequeue, and list. Computer Oriented Numerical Techniques and transcendental equation, interpolation, register transfer language, control design, processer design, input/output organization and memory organization. Will have knowledge of Object-Oriented Programming Concept and programming in C++. Database Management System, DBMS concept and SQL. Web designing with Java programming, networking concepts and technologies like wireless, broadband and Bluetooth.

## **N.C.C**

### Programme Outcome

The program Develops youth force as trained and disciplined leadership. Students will have the knowledge about Disaster Management. The students will be well versed in the knowledge of Drill field signals, section and platoon formation, art of using ground and available weapons 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.