

## **PROGRAMME SPECIFIC OUTCOME 2015-16**

### **DEPARTMENT OF BOTANY**

1. Student are made aware of pollution problems and waste management and the importance of green environment.
2. Apply ethical principles and count to environmental ethics and responsibilities and norms of the biodiversity conservation.
3. The course highlighted to conserve and study the suitable development.
4. Acquiring knowledge and develop the ability to work hard.

### **PROGRAMME SPECIFIC OUTCOME**

- To have knowledge about various plant groups from lower to higher groups.
- To make the students aware about biodiversity conservation and sustainable use of plants.
- Apply the knowledge of basic science, life sciences and fundamental process of plant to study and analyse plant form.
- Develop skills in practical work experiments, equipments and laboratory use along with collection and interpretation of biological materials and data.

## **DEPARTMENT OF CHEMISTRY**

### **PROGRAMME OUTCOME**

- (i) The students after completing course at graduation level in chemistry will develop an understanding of major concepts, theoretical principles and experimental findings in chemistry.
- (ii) They will have an ability to work effectively in diverse teams in both classroom and laboratory.
- (iii) They are able to employ critical thinking and efficient problem solving skills in the four basic areas of chemistry (analytical, inorganic, organic, and physical).
- (iv) They are able to conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.
- (v) The students have effective written and oral communication skills, especially the ability to transmit complex technical information in a clear and concise manner.
- (vi) They are able to use modern library searching and retrieval methods to obtain information about a topic, chemical, chemical technique, or an issue relating to chemistry.
- (vii) They know the proper procedures and regulations for safe handling and use of chemicals and can follow the proper procedures and regulations for safe handling when using chemicals.

## **PROGRAMME SPECIFIC OUTCOME OF URDU**

1st Sem.

URDU LITERATURE (Urdu Ghazal and Nazam)

MODERN INDIA LANGUAGES (MIL URDU)

2nd Sem.

URDU LITERATURE (Classical Genres of Urdu Poetry)

MODERN INDIA LANGUAGES (MIL URDU)

3rd Sem.

URDU LITERATURE (Urdu Fiction)

LEARNING SKILLS OF TRANSLATION IN URDU

4th Sem.

URDU LITERATURE (Non Fictional Prose of Urdu)

LEARNING SKILLS OF AFSANA IN URDU

## **PROGRAMME SPECIFIC OUTCOME**

1. The number of students were selected in different University for PG & other Courses.
2. The pass %age of students has remained quit satisfactory.
3. Job avenues & opportunities for Urdu students after acquiring their graduation & other higher qualification are:
  - (i) Media
  - (ii) Patwari
  - (iii) Translators
  - (iv) Editor
  - (v) Anchor
  - (vi) Teaching

## **DEPARTMENT OF ECONOMICS**

### **PROGRAMME OUTCOME:**

1. The students after completion of B.A. programme in Economics will develop understanding of the major concepts and principles in Economics.
2. Students will be able to think critically following the economic way of thinking.
3. They will have an ability to work efficiently in diverse field of Statistics, Economics and banking.

### **PROGRAMME SPECIFIC OUTCOME:**

1. Economics students in general will be able to pinpoint and understand the past, present economic conditions of the country. They will also be able to forecast the future course of changes and development through their knowledge of policies and programmes set by the governments and other development agencies. They are equipped with the techniques to find solution of the problems like mobilization of manpower and materials available in the country. Students will be able to analyse historical and current events from an economic perspective
2. Students have the knowledge of Financial Institutions and Markets, and understand the structure and functions of banking.

## **DEPARTMENT OF ZOOLOGY**

### **PROGRAM OUTCOME**

1. Apply the knowledge of various branches of Zoology and General biology meant both for graduate terminal course and for higher studies.
2. Develop positive attitude towards sustainable development.
3. Understand the unity of life with the rich diversity of organisms and their ecological role.
4. Acquire basic skills in the observation and study of nature, biological techniques, experimental skills and scientific investigation

## **PROGRAM SPECIFIC OUTCOMES**

1. Identify and list out common animals
2. Explain various physical changes in our bodies
3. Analyze the impact of environment on our bodies
4. Understand various genetic abnormalities
5. Develop respect for nature

## **DEPARTMENT OF MATHEMATICS**

### **PROGRAMME OUTCOMES**

**At the graduation in Science faculty with mathematics students should have**

- (1) Acquired the knowledge with facts and figures related to Mathematics, Physics and Chemistry
- (2) Understand the basic concepts, fundamental principles and scientific theories related to various scientific phenomena and their relevance in the day-to-day life.
- (3) Understand application mathematics in different fields
- (4) Analyze given data and draw the conclusion

## **PROGRAMME SPECIFIC OUTCOMES**

- (1) Understand the limit of functions, use to prove properties of continuous functions and derivative of functions
- (2) Expound upon the concept of Riemann integrability
- (3) Demonstrate when a binary algebraic structure forms Group and Group properties
- (4) Treat special types of Rings such as Euclidean domain and Principal ideal domain
- (5) Solve linear and non linear equations
- (6) Calculate definite integral using an appropriate numerical method
- (7) Derive methods for various mathematical operations and tasks such as interpolation, differentiation and integration.

### **Programme outcome of Sociology**

Sociology is the scientific study of society. The discipline has a strong focus on finding solutions to complex questions through research, data analysis and high-level critical thinking. The department of sociology here in Government degree College for women Anantnag offers the following courses for the bachelor's degree

**Core Courses**>Introduction to sociology, Sociological Thought, Indian Society Structure and Change, Methodology of Social Research,

**Skill Oriented**>Techniques of Social Research, Gender Sensitization, Social Movements, Sociology of Development, Social Stratification, Sociology of Crime,

**Generic Elective**>Basics Concepts in Sociology and Social Problems.

These courses develop a clear understanding of sociology among the students which helps provide them various job opportunities. Some of the leading outcomes are, Sociologists are employed by research institutes, the criminal justice system, public health and welfare organizations, private businesses, law firms, international agencies, medical centers, educational institutions, advertising firms, survey and polling organizations, sociology of health and beyond. Students with a bachelor's degree in sociology often secure employment as social researchers, case workers, paralegals, public relations workers, administrators, community organizers, Public Policy researchers, and data analysts. Sociology provides great preparation for going on to law

school, medical school, business school, and for graduate degree programs in social work, education, public policy, religious ministry, mass communications, public health, non-profit administration, and international affairs. Sociology also includes the study of topics such as family issues, marriage advantages & disadvantages, deviance, divorce causes, criminology (studying crime-oriented incidents), group interaction (studying how people interact in a group), gender roles (studying and analyzing the activities of people having different gender), sexuality, work roles (studying the working condition & features of people), public policy, ageing, social inequality, attitude development and much more.

Top learning outcomes that help to prepare sociology graduates for the increasingly global job market:

- **Critical thinking and problem solving:** Whether observing groups in everyday life or conducting large-scale surveys, sociology students learn how to research and collect data as well as how to analyze that information to come up with valuable insights. They're able to think critically and to find out solutions "In sociology, we learn to ask different questions," explains human resources expert and sociology graduate. Critical thinking and problem solving are top skills all employers look for in potential hires, from small non-profits to big-name corporations.
- **Data collection and analysis:** Most sociological theories are rooted in social science research, and because of that, sociology students are exposed to research methods to a greater degree than most liberal arts students. "You have to have your data and numbers to back up a claim or statement,". "You can't just generalize without data. This is really useful in everyday life. Especially these days – we hear a lot in the workplace about data and metrics and how to increase sales, how to increase output, website visits, etc." By learning how to effectively and ethically collect and analyze data, sociology students develop important skills in managing and understanding large quantities of information and have the aptitude to still those data into a comprehensible form. These skills can be translated to any kind of data – be it tracking website usage or budget projects – in many different industries. "Telling somebody what the data means is really powerful,"
- **Interpersonal and cross-cultural skills:** Understanding how to interact effectively with other people, no matter their background, is a skill that can be taken for granted, but sociology

majors learn why it's important to understand context and adapt messages when working in diverse fields. By studying people and cultures, sociology students learn interactions must and should be adapted in order to relate to others. Because most industries don't exist in a vacuum, the skill of relating to people from a different background from oneself is exceptionally important in today's professional landscape.

- **Leadership:** Studying people and society teaches the students of sociology that leadership doesn't come in just one form. A leader can be quiet and behind-the-scenes, they can lead by example or they can take the lead and guide others on a project. Sociology graduates gain valuable insights on what makes an effective leader and gain practical experience in leadership through active engagement with their peers.

Sociology provides a solid foundation in both understanding people and systems so the skills students develop can be used in a wide variety of careers and industries. Sociologists could pursue a career in social work and in public relations or marketing. Some jobs require a master's degree, but in some cases, someone with an undergraduate sociology degree can begin in an entry-level position and work their way up. Besides above-mentioned opportunities here are few examples of traditional and non-traditional career paths for the students of sociology;

1. Community Health Worker.
2. Social Science Research Assistant.
3. School Counselor.
4. Teacher. At school, college or university level
5. Human Resources Specialist.
6. Social Worker.
7. Student Affairs Administrator/Higher Education Administrator.
8. Management Consultant.
9. Policy Analyst.
10. Public Relation (PR) Specialist.
11. Social Welfare Officer
12. Social Counseling Officer
13. Social Mobilization Officer
14. Superintendent Old Age Home



15. Manager Social Officer

16. Deputy Superintendent Jail.

## **DEPARTMENT OF EDUCATION**

Program specific outcomes of B.A Education

Educational philosophy(First semester)

A:The course is designed to expose the students to the general philosophy.

B: Ability to know the philosophical foundations of various theories of education.

C:This course is designed to provide modern techniques which were helpful to proof arguments.

D:It introduces ethical principles which develops moral thinking among students

Educational psychology(2NDSemester)

A:It provides the base for engaging in critical thinking

B:It describes the impact of society and culture on human diversity

C:Helps in understanding the behavior of human beings

D:Helps in understanding the concept of personality and intelligence

Educational sociology (3rdsemester)

A:It provides initial knowledge about society

B:It prepares an individual for social life.

C:It gives knowledge about values, moral sand manners.

D:It provides knowledge about communities in which a person interacts.

Development of education system in India(4thsemester)

A:Helps us to analyze the relationship between past and present.

B:It acts as torch of truth for students

C:Helps us to know the education system in early days

D:Helps us to know there relationship between teacher and student in ancient times

Issues and trends in contemporary Indian education1(5thsemester)

A:Helps us to understand the importance of environment.

B:Helps us to understand the importance of women education

C:Makes us aware about the importance of vocationalization of secondary education.

D: it helps in inculcating morals among children.

□ Issues and trends in contemporary Indian education(ii)(6th semester)

A:It helps us to know the importance of special children.

B:Helps us to know the importance of guidance and counseling.

C:It helps in selecting appropriate statistical tools to investigate a research hypothesis.

D:Helps in understanding the importance of adult education.

Career opportunities of course for students:

1 He/she can pursue further studies in academic as well as professional courses.

2 He/she may be offered a teaching job as permanent, Temporary, Part time or full Time as per his/her interest.

3 He/She can work in schools, Education Department ,Coaching centers, Educational Consultancies, Home and Private tuitions.

4 Apart from teaching in schools, he/she can open his/her own coaching Institutions where he/she can provide to the students. This will not only improve his/ Her teaching skills and knowledge but also enable him/her to earn more.

Besides, the Department works up to the best satisfaction of the students and the Result percentage of all the programmes of the department from 2016onwards Remained quite satisfactory.

### **Programme specific outcome of English**

For the session the prescribed text Understanding English was prescribed for the learners to equip them with basic linguistic skills and vocabulary so as to develop creative and critical thinking.

### **Program Outcome of Political -Science**

Many of our students who opted for specialization in Indian constitutional system and political theory got selections in state level examinations conducted by SSRB and Were also enrolled by the universities in the state and across India.

## **Program Outcome of Psychology**

**Various Subject has been taught at BG level in the department of Psychology are as follows.**

1. Foundations of Psychology
2. Introduction to social Psychology
3. Psychological disorder
4. Statistical methods and Psychological research
5. Organizational psychology
6. Counselling Psychology

Moreover, Skill enhancement courses like disaster management, developing emotional competence, stress management are also part of our curriculum. The above-mentioned subjects have influence on the students in the below mentioned ways.

For example:” Foundations of Psychology” provides students the knowledge of basic behavioral and cognitive processes, including learning, memory, attention, problem solving, motivation of the students

“Social psychology shapes the attitude social perception and cognition of the students. It also makes students aware about the importance of Intra and Inter-personal relationship.

“Abnormal Psychology” acquaints student with the knowledge of various disorders, their symptoms, casual factors of their treatment.

“counselling psychology” with the study of this subject students come to know how it is helpful for the people with physical, emotional and mental health issues, improve their sense of well-being, alleviate feelings of distress and resolve crisis.

“organizational Psychology” This subject deepens the understanding of the students about work culture, team work, interpersonal relationships and productivity in the organizations.

In nutshell, Psychology polishes cognitive abilities of the students make them emotionally stable, enable them to recognize their potential and ultimately leads them to self-actualization. After holding the degree, Like PG, NET and PHD in the same subject. The student can avail the following jobs like:

1. Clinical psychologists

2. Counselling psychologists
3. Industrial psychologists
4. psychologists
5. Psychotherapist
6. Human resource personnel
7. Sports Psychologists
8. School Counsellor
9. Psychiatrist

## **DEPARTMENT OF BCA**

### **PROGRAM SPECIFIC OUTCOME**

Graduate of Computer Applications are capable to apply their knowledge and skill to shine their career in every aspect. They are so flexible; they can survive in any future technological change. They are expertise in different programming languages both in procedure oriented as well in object oriented.

- Our graduates will apply basic principles and practices of computing grounded in mathematics and science to successfully complete hardware and/or software related engineering projects to meet customer business objectives and/or productively engage in research.
- Our graduates will demonstrate strong communication skills and the ability to function effectively in multi-disciplinary teams.
- Our graduates are well versed to develop applications.
- Our graduates are also capable to develop web based application

- Our graduates can shine their career in software developing companies

### **PROGRAM OUTCOME (PO)**

- Students to have knowledge and expertise in procedure-oriented as well as in object-oriented programming language.
- Students to have a wide perspective on software development including web based applications as well as graphic applications.
- Students to have understanding of design and working principles of the digital electronics.
- Students will be able to identify and describe the communication networks technologies in local area networks and the Internet and countermeasures for security threats.
- Students will be aware of the design principles of Operating Systems specializing on at least one popular Operating System.
- Students will have understanding of various legislative acts and articles related to information technologies and international initiative in the field of IT laws.
- Students will be able to solve simple computational problems involving mathematical structures and processes.
- They have the knowledge about major Issue faced by Indian Education at various level.

### **Department of Environmental Science**

#### **Programme out come and carrier opportunities in Environmental Sciences**

Students can opt certificate, Diploma, bachelors, masters and P.hd courses in Environmental Sciences. For UG courses, students should have passed 10+2 examination and for P.G courses

students should have a bachelor's degree in science. In the semester system (from 2016) it was compulsory only for B.A/B.Sc/B.Com 3rd semester and 4th semester students and in the present CBCS (Choice Based Credit System) it was compulsory for B.A/B.SC/B.Com 1st and 2nd semester students only under Ability Enhancement Courses. Now from 2020 it is compulsory for non-arts students of 1<sup>st</sup> semester and for arts students, it is mandatory in 2<sup>nd</sup> semester. So for syllabus is concerned there was no change in the syllabus from 2016 till date.

Environmental Science is a broad and generalized field with endless job opportunities. After holding a degree in Environmental Science, students can easily work in government as well as in private organizations. This subject has job opportunities in teaching as well in schools, colleges and Universities. Other jobs present in this field are in pollution control boards, LAWDA, Remote sensing and GIS, Forestry and Wildlife departments etc.

**Syllabus for BA/B.Sc/B.Com/B.Sc.IT/BBA/BCA/B.Tech/ B.Pharma /BBA-MBA/OC&MIL**

**1st year (Semester 1<sup>st</sup> or 2<sup>nd</sup>) (UGSCBCS) Ability Enhancement Compulsory Course (AECC – Environment Studies) Effective from Academic Session 2016**

**Total credits = 04** **(64 hours)**

**Credit I: Understanding Environment** **16 hours**

- Environment: concept and importance
- Components of environment: Physical, Biological and Social
- Ecosystem Definition, Structure and Function
- Producers, Consumers and Decomposers
- Food chains, Food webs and Ecological pyramids
- Energy flow in an Ecosystem
- Ecosystem services: Ecological, economic, social, aesthetic and Informational value.

**Credit II: Natural Resources** **16**  
**hours**

- Land resources: global land use patterns, concept land degradation and desertification
- Forest resources: Use and consequences of over-exploitation
- Water resources: Use and consequences of over-utilization, concept of water harvesting and Watershed management, water conflicts
- Energy resources: Renewable and non-renewable energy sources, growing energy needs and alternate energy sources.

**Credit III: Biodiversity and its Conservation**

**16**

**hours**

- Biodiversity: definition, levels and values (commercial, ecological, social and aesthetic)
- Threats to biodiversity: habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions
- Concept of endemism and hot- spots of biodiversity
- Conservation of biodiversity: In-situ and Ex-situ concepts

**Credit IV: Environmental issues, policies and practices**

**16 hours**

- Causes, effects and control measures of: Air, water, Soil, Noise and solid waste pollution
- Concept of natural disasters and Global environmental issues: Increase in green house gases, climate change, Acid rain and stratospheric ozone layer depletion
- Salient features of: 1. Water (Prevention and control of Pollution) Act, 1974  
2. Air (prevention and Control of Pollution) Act, 1981  
3. Environment Protection Act, 1986
- Environmental education, Environmental Movements (Chipko, Silent valley) and Environmental ethics.

**BA 3<sup>rd</sup>/ 4<sup>th</sup> SEMESTER COMPULSORY SKILL ENHANCEMENT COURSE**

**DM318CS: DISASTER MANAGEMENT**

**CREDITS: THEORY: 2, TUTORIAL/PRACTICAL: 2**

**Course Objective:** The frequency of extreme events resulting in widespread loss of lives and assets has been observed to be increasing globally. Collaborative efforts involving everyone are needed at all levels for making Disaster Risk Reduction (DRR) initiatives effective. In this direction/ the introduction of **disaster management** as a discipline at UG level is an academic initiative expected to be very productive for the process of education., training, mass awareness, and skill enhancement. This course is mandatory for all undergraduate courses. The course comprises of four (4) credits; out of which two credits are theory and other two cover practical/tutorial aspects of the subject.

## **THEORY**

### **Credit-I: Fundamentals of Disaster Management**

- Concept of Disaster, Hazard, Vulnerability, Exposure, Capacity; Disaster Management Continuum; Preparation, Response and Recovery; Disaster Risk Reduction (DRR).
- Disaster Management Act 2005; Jammu and Kashmir State Disaster Management Plan (2016)

### **Credit-II: Natural and Anthropogenic Hazards**

- **Natural:** Flood, Cyclone, Drought, Snow Avalanche, Wildfires, Earthquake, Tsunami, Landslide, Volcanic Eruption.
- **Anthropogenic:** Nuclear (weapon), Chemical (Spill, weapon), Transportation (road accidents), Campus shooting, bomb threats.

## **TUTORIAL / PRACTICAL:**

### **Credit-III: Disaster Preparedness**

Dos and Do not's at individual or household levels (before, during and after a disaster), Communication, Coordination, Cooperation during the emergencies; Community Based First Aid (CBFA); Community Based Disaster Management (CBDM); Mock drills (Fire, Earthquake, Campus Shooting, Bomb Threat).

### **Credit-IV: Disaster Risk Assessment Techniques**

Risk identification; Application of Remote Sensing (RS), Geographic Information System (GIS), and Global Positioning System (GPS) in Risk Assessment



## **Department of Geography**

### **Programme out come and carrier opportunities in Geography**

The word Geography originates from the Greek words “Geo or Gaea” both meaning "Earth", and “graphein” meaning "to describe" or "to map". Hence, it can be inferred that Geography is the science of the earth i.e., the study of the surface of the earth, the location and distribution of its physical and cultural features, the aerial outlines of places, and also the interrelation of these features as they influence human population.

#### Eligibility Criteria for Geography Courses

**Educational Qualification:** The minimum qualification for taking up geography courses is 10+2 with high marks in social sciences including geography. For some degree courses in selected universities and colleges, there is an entrance test in which the aptitude of aspirants is checked for specialized study of geography. A first –class hon. degree in geography, is generally a prerequisite for admission to a postgraduate course in geography.

**Personal attributes:** Aspirants who want to make a career in geography in India must be creative and imaginative. It is also important to be accepting of learning from others as mentorship from established professionals will play an important role in the initial years. Students of geography need to have an analytical bent of mind, have impeccable organizational skills, communicate well, and be comfortable working in a team.

With a degree in Geography, students are trained in data collection, analysis, presentation, problem identification and evaluation, report production and presentation, etc. Due to the vast scope of geography, the subject delves into several different aspects like environment management, geographic information systems, meteorology, urban planning, teaching, and research.

## **DEPARTMENT OF HINDI**

## **PROGRAMME OUTCOME**

- Student seeking admission for B.A. programme is expected to imbue with following quality which helps them in their future life to achieve the expected Goals.
- Realization of human values.
- Sense of social service.
- Responsible and dutiful citizen.
- Critical temper
- Creative ability

## **PROGRAMME SPECIFIC OUTCOME**

- To understand the basic concept and subject of Hindi & its origin
- To lay focus on the importance of subject Hindi & its Branches.
- To understand various aspect of Hindi literature with a process to reach method and giving new mode and direction.
- To make a attempt in different area and theory such as vocabulary and vice versa
- To know about Hindi literature its roots cause perspectives and methods.
- Elaborating and understanding its philosophical methods of Hindi Literature.
- Evaluating the concept of Hindi from past to present and making the society more closely through literature.

## **Department of Statistics Programme outcomes:**

\* Apply the knowledge of various branches of Statistics meant both for graduate terminal course and for higher studies.

\*Understand the basic concepts, fundamental principles and scientific theories related to various scientific phenomena and their relevance in the day-to-day life.

\*Designing surveys.

\*Research interpretations and conclusions.

Programme specific outcomes:

In our graduate program, we aim to develop statisticians not only for academia but also ones who will become leaders in endeavors such as medicine, law, finance and industry.

### **Department of Physics Program outcome**

Physics deals with energy and the matter and the naturally occurring phenomena's taking place in macroscopic and microscopic world. Physics also known as science of measurements provides all the measuring tools for studying various physical quantities. Physics deals with a wide variety of systems where certain laws and theories are used to explain the various natural phenomena as. Each of these laws and theories were experimentally tested numerous times and found to be an adequate approximation of nature. Physics uses mathematics to organize and formulate experimental results. From those results, precise or estimated solutions, quantitative results from which new predictions can be made and experimentally confirmed or negated. The results from physics experiments are numerical measurements. Technologies based on mathematics, like computations have made computational physics an active area of research..

### **PROGRAMME SPECIFIC OUTCOME**

The theory of classical mechanics (it is a branch of physics) accurately describes the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light. These theories continue to be areas of active research today. The Electrodynamics plays a vital role in understanding the basic concepts of electricity, magnetism and nature of electromagnetic waves. Solid State Physics develop a basis for future learning and work experience and in delving deep in the condensed matter physics. Nuclear Physics develop familiarity with nuclear and particle physics, facilitating informed decisions as students pursue research projects, internships, careers, and graduate study. Quantum mechanics develop problem solving methods that will include mathematical as well as numerical computations and solutions. Optics gives a wide perspective of the dual nature of light and the different natural phenomena are explained. Material science is a very wide branch where extensive research is going on. Thermal, electrical, optical and magnetic

properties of matter provide a strong foundation in that direction. Thermal and Statistical Physics explore various applications related to topics in material science and the physics of condensed matter. The course of Electronics will make the students to identify the electronic components and their working principles.

The Skill courses Renewable Energy and Weather Forecasting provides the students of Non science background the employment opportunities apart from their basic activities.

## **Department of Home Science**

### **PROGRAM OUTCOME**

1. Apply the knowledge of various branches of Home Science meant both for graduate terminal course and for higher studies.
2. Develop positive attitude towards sustainable development.
3. Develop art of managing your resources.
4. Achieving a healthier, happier home and successful career.
5. Development of the personalities of the members in the home and family.

### **PROGRAM SPECIFIC OUTCOMES**

1. Resource Management: HSC616D3B: Residential Space Design and Furnishing, HSC417C2: Personal Finance and Consumer Studies, HSC116C2: Resource Management Efficient resource use potentials at home and work, Interior decorator, Home maintenance and repair work and supervise the project, managers at home and organizations. Conscious consumers, teaching jobs etc.
2. Food and Nutrition: HSC516D1A: Nutritional Biochemistry, HSC516D1B: Public Nutrition and Dietetics, HSC317C3: Nutrition for the Family, HSC216C1: Fundamentals of Nutrition and Food Science, The way that we get fuel, providing energy for our bodies, replace nutrients in our body with a new supply every day, knowledge of nutrients, nutritionist, dietitian, meal planner.

Providing nutritional counseling and create a clinical treatment plan, evaluate the nutritional needs of patients, closely work with other food production staff including microbiologists, engineers, packing, specialists and buyers, teaching jobs etc.

3. Extension and communication: HSC616D2A: Extension Management, HSC516D2A: Communication for Development, HSC417C3: Communication System and Social Change, HSC116C1: Communication and Extension, Encourage farmers to communicate with one another, to assist people to discover and analyze their problem, their felt and un felt needs, the sharing of problems and ideas, develop leadership among people and help them to organizing groups to solve their problems. Extension officer, KVK officer, Agriculture Officer, extension worker, teaching jobs etc.

4. Textile and clothing: HSC516D3B: Traditional Indian Textiles, HSC216C3: Fundamentals of textiles, learning about the design, manufacture and marketing of clothing and other textile products, learning about fabrics and other materials, weaving, dyeing, printing, pattern making, sewing, washing, work with a variety of materials including man-made and natural textiles, leather, fur, plastics and metals, develop fabrics for furnishings, clothing household items, designing textiles for use within the automotive industry, teaching jobs etc.

5. Human Development: HSC120C1: Human Development I, HSC216C2: Life Span Development, HSC317C2: Life Span Development II, HSC616D1A: Children with Disabilities: Child Counsellor, Counsellor, teaching jobs, running of coaching centres,

## **PROGRAM OUTCOME OF SERICULTURE**

1. Apply the knowledge of sericulture meant both for graduate terminal course and for higher

studies.

2. Develop positive attitude towards sustainable development.
3. Develop art of silk rearing.
4. Cultivation and plantation of Mulberry tree.
5. Skill Development.

Programme specific outcome of sericulture:

1. The students opting for sericulture get technical know-how of the silk rearing.
2. The mulberry plantation varieties cultivated for the silk worms, the details is given to the students.
3. The students hailing from rural areas can take to silk rearing as part time job.