

Department of Agriculture Science

Program Learning Outcomes (PLOs)

Agriculture Graduates will be

PLO1: Able to evaluate critical and intricate agricultural related issues by using quantitative and qualitative research techniques and evolve effective solutions.

PLO2: Able to formulate solutions to field and scientific problems in crop production and cropping systems.

PLO3: Demonstrate ability for self-directed learning, time management and dedication to serve the community by working effectively individually as well as in teams. Display initiative, honesty, integrity and diligence by empathizing with farmers.

PLO4: Evaluate impact of globalization and liberalization on the agriculture sector and farmers in particular. Ability to understand technological advancements and implications and applying them for developing adaptability and managing diversity in global complex situations.

PLO5: Analyze the role and impact of agriculture in society and the international community. Learn to appreciate diversity and equality, demonstrate ethical and professional behaviours in all situations.

PLO6: Relate the value of linkages and networks with their importance in self-reliance and research. Linking learning to real world problems to stimulate professionalism in research.

Fundamentals of Horticulture	
Course Code: 22AGBS101	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the several practices involved in cultivation and management of various horticultural crops.

CLO2: Identify various horticultural crops like fruits, vegetable, flower seeds, plant types in their natural existence.

CLO3: Categorize crops grown in different agro-climatic conditions with their classification according to various physiological and morphological features.

CLO4: Practice techniques involved in management of different horticultural crops.

Fundamentals of Plant Biochemistry and Biotechnology	
Course Code: 22AGBS102	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Acquainted with chemistry of biological phenomenon.

CLO2: Know the r-DNA technology for development of transgenic variety.

CLO3: Acquire knowledge about how the principles of totipotency useful for plant development.

CLO4: Understand the development of complete plant through tissue culture.

Fundamentals of Soil Science	
Course Code: 22AGBS103	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Explain the soil forming process to relate to the soil forming factors in various climatic conditions.

CLO2: List the physical properties and chemical properties that affect both plant

growth and biological activity

CLO3: Explain soil as medium of plant growth, soil quality and soil health in relation to plant growth

Introduction to Forestry	
Course Code: 22AGBS104	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Able to know about basic components of silviculture.

CLO2: Analytical skills on forest mensuration and tending operations.

CLO3: Know about the basics of agroforestry.

Comprehension and Communication Skills in English	
Course Code: 21AGBS209	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Effectively speak and use English in conversation in an academic environment.

CLO2: Reliably demonstrated the ability to use the conventions of grammar when creating paragraphs.

CLO3: Effective in comprehension of a technical writing, develop manuscripts and reports.

Fundamentals of Agronomy	
Course Code: 22AGBS105	
Credits: 4	
L T P: 3 0 1	
Prerequisite: Nil	

CLO1: Explain the several practices involved in field scale crop cultivation and management practices.

CLO2: Identify various crop seeds, plant types in their natural existence.

CLO3: Able to categorize crops grown in different agro-climatic conditions.

CLO4: Practice techniques involved in crop management.

Introductory Biology*	
Course Code: 22AGBS109	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	
Note: Introductory Biology*/Elementary Mathematics* (Taken as a optional subject)	

CLO1: Know about the various parts of an angiospermic plant.

CLO2: Know about the evolutionary process and binomial classification.

CLO3: Explain 3 important families such as, Brassicaceae, Fabaceae and Poaceae.

Elementary Mathematics*	
Course Code: 22AGBS109	
Credits: 2	
L T P: 2 0 0	
Prerequisite: Nil	
Note: Introductory Biology*/Elementary Mathematics* (Taken as a optional subject)	

CLO1: Explain the mathematical functions.

CLO2: Apply general form of equations in calculations.

Agricultural Heritage	
Course Code: 22AGBS106	
Credits: 1	
L T P: 1 0 0	
Prerequisite: Nil	

CLO1: Gained the knowledge on how agriculture was practiced in the ancient times.

CLO2: Classify the types of crop management practices- cultivation, traditional varieties, diseases, soil and water management.

CLO3: List types traditional fertilizers and their importance in crop production.

CLO4: Explain the timeline of process of migration and introduction of HYV vis-à-vis traditional varieties.

Rural Sociology & Educational Psychology	
Course Code: ---	
Credits: 2	
L T P: 2 0 0	
Prerequisite: Nil	

CLO1: Understand the rural society and its significance.

CLO2: Analytical ability to examine various social institutions and its role.

CLO3: Understand the personality development traits.

Human Value and Ethics	
Course Code: 22AGBS101	
Credits: 1	
L T P: 1 0 0	
Prerequisite: Nil	

CLO1: Practice ethical approach to life.

CLO2: Treat people with compassion and selflessly offer service.

CLO3: Be self-aware of spiritualism and its importance in mindfulness.

CLO4: Carry balanced mind and positive attitude.

Fundamentals of Genetics	
Course Code: 22AGBS201	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Explain inheritance and expression of characters.

CLO2: Explain how variation occurs within living organisms.

CLO3: Acquainted with genetic terminology and its application.

CLO4: Gained the knowledge on the genetic principles behind the development of variety

Agricultural Microbiology	
Course Code: 22AGBS202	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Understand the milestones in the history of microbiology leading to discovery of microorganisms.

CLO2: Know about different artificial methods of culturing the microorganisms and different sterilization methods.

CLO3: Gained knowledge on different plant growth promoting microorganisms.

CLO4: Knowledge on mushrooms and their cultivation.

Introductory Soil and Water Conservation Engineering	
Course Code: 22AGBS203	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Visualize the importance of soil and water conservation.

CLO2: Explain the types of erosion and their impact on agricultural landscapes.

CLO3: Categorize the methods employed to control the erosion caused by various agents.

Fundamentals of Crop Physiology	
Course Code: 22AGBS204	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Understand different process involved in different physiological process found in plants responsible for its growth

CLO2: Accumulate knowledge on different metabolisms found in plants.

CLO3: Knowledge about different growth regulators and different aspects of growth and development of major crops.

Fundamentals of Agricultural Economics	
Course Code: 22AGBS205	
Credits: 2	
L T P: 2 0 0	
Prerequisite: Nil	

CLO1: Develop ideas of the basic characteristics of Indian economy, its potential on natural resources, understanding agriculture as the foundation of economic growth and development.

CLO2: Understand factor of marketing, various types of investment analysis.

CLO3: Compute and assess real situation of economy and income pattern.

CLO4: Understand relationship between investment and savings.

Fundamentals of Plant Pathology	
Course Code: 22AGBS206	
Credits: 4	
L T P: 3 0 1	
Prerequisite: Nil	

CLO1: Explain basic principles and concepts of plant pathology and familiarize students with basic vocabulary of plant disease management.

CLO2: List major groups of organisms that cause plant diseases and phenology of diseased plants.

CLO3: Explain the different infection, reproduction, survival mechanism and spread of different pathogens.

CLO4: Categorize different biotic and abiotic causes of diseases and different diseases caused due to them.

CLO5: Practice techniques involved in integrated disease management.

Fundamentals of Entomology	
Course Code: 22AGBS207	
Credits: 4	
L T P: 3 0 1	
Prerequisite: Nil	

CLO1: Know the morphology and physiology of a typical insect body.

CLO2: Acquaint with the basic principles of insect pest control.

CLO3: Gained insights on the insect taxonomy and classification of insects as economically beneficial and pests.

Fundamentals of Agricultural Extension Education	
Course Code: 22AGBS208	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Explain the concepts of extension.

CLO2: Define community development program.

CLO3: List the extension system of SAUs and ICAR.

CLO4: Understand the market-led-extension.

CLO5: Gained knowledge on cyber extension, farming situation based extension.

CLO6: Acquired skills to examine the rural leadership and PRA survey.

Communication Skills and Personality Development	
Course Code: 22AGBS209	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain various communication methods and communication skills.

CLO2: Acquired competency to write the technical articles.

CLO3: Understand various personality traits.

CLO4: Gained the competency to organize seminars and conferences

Crop Production Technology-I (Kharif Crops)	
Course Code: 22AGBS301	
Credits: 2	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: List the Kharif crops and know about the morphological characters of various kharif crops.

CLO2: Explain about soil and climatic requirements of different kharif crops.

CLO3: Describe the cultural practices associated with various kharif crops.

CLO4: Identify the yield contributing characters and calculation of yield

Fundamentals of Plant Breeding	
Course Code: 22AGBS302	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Acquainted with floral biology of crop.

CLO2: Explain about basic principles of variety development.

CLO3: Know different methods applied in different crop for development of variety.

Agricultural Finance and Co-Operation	
Course Code: 22AGBS303	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Understand agriculture as the foundation of economic growth and development.

CLO2: Understands source of finance, both public and private.

CLO3: Demonstrate role of government to correct market failures and possible

advantages of public financing.

CLO4: Understand conditions of financial markets and its impact in the economy.

CLO5: Understand role and significance of non-banking financial institutions, foreign exchange rate with its impact on various sector.

Agri-Informatics	
Course Code: 22AGBS304	
Credits: 3	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain importance of ICT in agriculture.

CLO2: Use of agriculture related database to develop analytics.

CLO3: Develop interactive apps. to provide services.

CLO4: Develop decision making process to support agricultural activities.

CLO5: Develop database of all aspects of agriculture.

Farm Machinery and Power	
Course Code: 22AGBS305	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: List types of farm machineries and their working principles.

CLO2: Repair and troubleshooting of machineries

CLO3: Identify suitable tillage equipment's to be used with power operated machines.

CLO4: Gained analytical skills to analyze the cost of power usage in land preparation.

Production Technology for Vegetables and Spices	
Course Code: 22AGBS306	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the several practices involved in cultivation and management of

different vegetable and spice crops.

CLO2: Identify different seeds of vegetable and spice crops with their plant types in their natural existence.

CLO3: Classify different vegetable and spice crops according to their agro-climatic requirement, physiological and morphological features.

CLO4: Practice techniques involved in management of different vegetable and spice crops.

Environmental Studies and Disaster Management	
Course Code: 22AGBS307	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: List various types of energy sources (renewable and non-renewable).

CLO2: Describe various components of an ecosystem.

CLO3: Explain various types of pollution sources and their management.

CLO4: Gained knowledge on various kinds of disasters and their management.

Statistical Methods	
Course Code: 21AGBS371	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the data and data classification.

CLO2: Organize data in excel sheet for analysis and interpretation using various statistical methods.

CLO3: Perform sampling, data collection and analysis to apply test of significance.

CLO4: Develop field scale testing design and collect the primary empirical data.

CLO5: Use of computer based statistical software to analyze a set of data.

Livestock & Poultry Management	
Course Code: 21AGBS307	
Credits: 4	
L T P: 3 0 2	
Prerequisite: Nil	

CLO1: Explain what animal husbandry and its components.

CLO2: Gained knowledge on types of farm animals, fodder types and animal improvement's

CLO3: How to organize the poultry production on farm?

CLO4: Gained knowledge on animal health management and medication to protect animals from diseases.

Crop Production Technology-II (Rabi crops)	
Course Code: 22AGBS401	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Know about the morphological characters of various rabi crops.

CLO2: Explain about soil and climatic requirements of different rabi crops.

CLO3: Describe the cultural practices associated with various rabi crops

CLO4: Identify the yield contributing characters and calculation of yield.

Production Technology for Ornamental Crops, MAPs and Landscaping	
Course Code: 22AGBS402	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Upon completion of the course students will be able to Explain the several practices involved in cultivation and management of different ornamental crops, medicinal and aromatic plants.

CLO2: Identify different ornamental crops, medicinal and aromatic plants seed with their plant types in their natural existence.

CLO3: Classify different ornamental crops, medicinal and aromatic plants according to their agro-climatic requirement, physiological and morphological features.

CLO4: Practice techniques involved in management of different ornamental crops, medicinal and aromatic plants

CLO5: Go through different styles and features of landscaping with computer aided designing of landscape (CAD) and turf management.

Renewable Energy and Green Technology	
Course Code: 22AGBS403	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: List energy sources relevant to agricultural needs.

CLO2: Understand the production of renewable energy sources and usage at various levels in agriculture.

CLO3: Technologies available for large scale production of renewable energy.

CLO4: Source the gadgets relevant to produce renewable energy.

Problematic Soils and their Management	
Course Code: 22AGBS404	
Credits: 2	
L T P: 2 0 0	
Prerequisite: Nil	

CLO1: Establish the natural distribution of problematic soils in the country and extent in an agro-climatic zones.

CLO2: Classify the problematic soils on the basis of their physical, chemical and biological properties that are not suitable for crop cultivation.

CLO3: Suggest suitable management practices to reclaim the problematic soils.

Production Technology for Fruit and Plantation Crops	
Course Code: 22AGBS405	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the several practices involved in cultivation and management of different fruit and plantation crops.

CLO2: Identify different seeds of fruit and plantation crop with their plant types in

their natural existence.

CLO3: Classify different fruit and plantation crops according to their agro-climatic requirement, physiological and morphological features.

CLO4: Practice techniques involved in management of different fruit and plantation crops.

Principles of Seed Technology	
Course Code: 22AGBS406	
Credits: 3	
L T P: 1 0 2	
Prerequisite: Nil	

CLO1: Explain about basic principles behind seed production.

CLO2: Know how different classes of seed are produced.

CLO3: Know how certified seed is produced by farmer.

CLO4: Acquired knowledge on different practices and processes for quality seed production.

Farming System and Sustainable Agriculture	
Course Code: 22AGBS407	
Credits: 1	
L T P: 1 0 0	
Prerequisite: Nil	

CLO1: Explain farming systems suitable for various agro-climatic regions.

CLO2: Identify the tools required for determining the efficiency of various cropping and farming systems.

CLO3: Complementary use of on farm residues for improving resource use efficiency.

CLO4: Learn new concepts and types of farming.

Agricultural Marketing, Trade and Prices	
Course Code: 22AGBS408	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Identify basic difference between inter regional and international trade.

CLO2: Demonstrate role of government to correct market failures and possible

advantages of public financing.

CLO3: Understand conditions of financial markets and its impact in the economy

CLO4: Understand role and significance of non-banking financial institutions, foreign exchange rate with its impact on rural economy.

Introductory Agro-meteorology and Climate Change	
Course Code: 22AGBS409	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Understand about various atmospheric weather variables and their measurement.

CLO2: Explain how weather variables effect crop production.

CLO3: Explain climate change and their impact on agriculture.

CLO4: Emphasize the importance of weather forecasting in crop production.

Principles of Integrated Pest and Disease Management	
Course Code: 22AGBS501	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Explain the various concepts, principles and tools of IPM.

CLO2: Explain the methods for detection and diagnosis of insect pest and diseases and to calculate the dynamics of economic injury level.

CLO3: Gained competency to survey and forecast different insect pest and diseases.

CLO4: Gained skills to develop and validate different modules of IPM

Manures, Fertilizers and Soil Fertility Management	
Course Code: 22AGBS502	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Explain the criteria of essentiality and available forms of nutrients in soils.

CLO2: List types of fertilizers and classify them in terms of nutrient source.

CLO3: Explain the factors affecting their transformation in soils and availability

CLO4: Use methods soil analysis for nutrient contents and fertilizer recommendations.

CLO5: Identify suitable fertilizer application methods and nutrient use efficiency.

Pests of Crops and Stored Grains and their Management	
Course Code: 22AGBS503	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Know about important insect and non-insect pests of field and horticultural crops and stored food materials and their management.

CLO2: Know integrated pest management tactics for important cultivated crops.

Diseases of Field & Horticultural Crops & their Management-I	
Course Code: 22AGBS504	
Credits: 3	
L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Differentiate different diseases of field and horticultural crops.

CLO2: Identify the diseases and diagnose its management.

CLO3: Explain the different symptoms, pathogens, disease cycle and management of different diseases of field and horticultural crops.

Crop Improvement – I (Kharif)	
Course Code: 22AGBS505	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Know about floral biology of different crops.

CLO2: Acquiring knowledge how different breeding method will be applied depending on nature of crop.

CLO3: Know commercial importance of field crop.

Entrepreneurship Development and Business Communication	
Course Code: 22AGBS506	

Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain concepts of Entrepreneurship, Entrepreneur and Enterprises

CLO2: List opportunities of Agri-enterprises

CLO3: Gained managerial skills and business communication skills

Geo-informatics, Nano-technology and Precision Farming	
Course Code: 22AGBS507	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Manage the fields according to site specific issues related to various aspects of crop production.

CLO2: Examine the utility of simulation Models for optimization of Agricultural Inputs.

CLO3: Gained knowledge on nanotechnology and their use in agriculture.

Practical Crop Production-I (Kharif Crops)	
Course Code: 22AGBS508	
Credits: 2	
L T P: 0 0 2	
Prerequisite: Nil	

CLO1: Calculate seed rate and learn about methods of sowing.

CLO2: Learn about various agrochemicals used in different kharif crops and their rate of application.

CLO3: Select irrigation practices and methods of harvesting of various kharif crops.

Intellectual Property Rights	
Course Code: 22AGBS509	
Credits: 1	
L T P: 1 0	
Prerequisite: Nil	

CLO1: Explain the importance of IPR in agriculture.

CLO2: Categorize types of IPR and licensing procedure.

CLO3: Gained expertise on process of application for IPR for an agricultural produce.

CLO4: Explain the importance of biodiversity and obtaining the IPR.

Rainfed Agriculture and Watershed Management	
Course Code: 22AGBS601	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Categorize the extent of rainfed area in India and their soil and climatic condition.

CLO2: Manage extreme weather conditions by contingent planning.

CLO3: Gained the skills to manage watersheds and various water harvesting techniques.

CLO4: Gained the knowledge suitable crop raising techniques for rainfed areas.

Protected Cultivation and Secondary Agriculture	
Course Code: 22AGBS602	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the importance of protected cultivation in current scenario of agriculture.

CLO2: Explain the principle involved in protected cultivation.

CLO3: Identify the technologies available for protected cultivation.

CLO4: Identify crops suitable for cultivation using protected cultivation technologies.

CLO5: Understand the precision farming under protected cultivation.

CLO6: Gained knowledge on technology cost estimation and economic analysis.

CLO7: List the gadgets useful for remote monitoring of climate of protected cultivation technologies

Diseases of Field & Horticultural Crops & their Management-II	
Course Code: 22AGBS603	
Credits: 3	

L T P: 2 0 1	
Prerequisite: Nil	

CLO1: Differentiate different diseases of field and horticultural crops.

CLO2: Identify the diseases and diagnose its management.

CLO3: Explain the different symptoms, pathogens, disease cycle and management of different diseases of field and horticultural crops.

Post-harvest Management and Value Addition of Fruits and Vegetables	
Course Code: 22AGBS604	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Explain the several practices involved in Post-Harvest Management and Value Addition of Fruits and Vegetables.

CLO2: Practice techniques involved in Post-Harvest Management and Value Addition of Fruits and Vegetables

CLO3: Prepare different processed product of fruit and vegetable.

CLO4: Know about different standards and guideline, specification for preparation of different processed product from fruits and vegetables.

Management of Beneficial Insects	
Course Code: 22AGBS605	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Know the rearing of honeybees and developing an apiary.

CLO2: Know about the cultivation of lac culture and sericulture.

CLO3: Gained entrepreneurial abilities regarding apiculture, lac culture and sericulture.

Crop Improvement – II (Rabi)	
Course Code: 22AGBS606	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Able to know Plant Genetic Resources of different crops.

CLO2: Acquired knowledge on how fundamental mechanisms behind resistance and how this resistance transferred from wild to cultivated variety.

Practical Crop Production-II (Rabi Crops) 2	
Course Code: 22AGBS607	
Credits: 2	
L T P: 0 0 2	
Prerequisite: Nil	

CLO1: Calculate seed rate and learn about methods of sowing.

CLO2: Learn about various agrochemicals used in different rabi crops and their rate of application.

CLO3: Select irrigation practices and methods of harvesting of various rabi crops.

Principles of Organic Farming	
Course Code: 22AGBS608	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Understand the fundamentals of nutrient use, insect, pest, disease and weed management under organic mode of production.

CLO2: Familiarize with organic certification process and standards of organic products set by various agencies.

CLO3: Identify agencies related with organic production practices in India.

CLO4: Understand the socio-economic status of farmers and environmental quality due to adoption of organic production practices.

Farm Management, Production and Resource Economics	
Course Code: 22AGBS609	
Credits: 2	
L T P: 1 0 1	
Prerequisite: Nil	

CLO1: Implement decisions, rules to determine conditions that maximize profit.

CLO2: Use budgeting concepts to develop whole farm plants from enterprise budget

CLO3: Identify alternative business organization.

Principles of Food Science and Nutrition	
Course Code: 22AGBS6010	
Credits: 2	
L T P: 2 0 0	
Prerequisite: Nil	

CLO1: Understand the nutritional value of food items.

CLO2: Gained knowledge on food spoilage and microorganisms involved in food spoilage.

CLO3: Gained knowledge on food processing and preservation methods.

CLO4: Explain malnutrition due to imbalanced food habits.

DEPARTMENT OF AGRICULTURE SCIENCE

The syllabus and course curriculum of B.Sc. Agriculture Science program has been prepared in accordance with ICAR in 2021-22 academic session. After completion of this program, students would be able to disseminate knowledge of core agricultural science course with value added and skill development and entrepreneurship courses. To inculcate advanced analytical skills among the students about the fundamentals of Agronomy, Soil and water conservation engineering, Fundamentals of Horticulture, Plant Pathology, Agriinformatics, Plant breeding, Livestock and Poultry Management, Rural Sociology and Educational Psychology. The curriculum designed in such a manner which includes lab work as well as field work in all the semesters.

In semester 3 students have to show the live project of 1 credit. **In semester 8 there is special course on Rural Agricultural work experience and Agro industrial attachment (RAW& AIA)**

The overall goal of this programme is to develop the ability to evaluate critical and intricate agricultural-related issues by using quantitative and qualitative research techniques and evolve effective solutions.

The students will also be able to demonstrate self-directed learning, time management and dedication to serve the community by working effectively individually as well as in teams.