

I. B.Voc. Agriculture Technology	Course code	Course Title	Course outcome
	VAT 101	Production Technology for ornamental Plants & Landscaping	This course will provide basic and practical knowledge, importance, division and classification of horticultural crops, various plant propagation techniques, and cultivation practices. As horticulture crops are important source of vitamins and minerals.
	VAT 102	Practical Cultivation of Ornamental Plants	Students will get acquainted with detailed practices and cultivation of fruit and vegetable crops ; this will help them to enhance the production of horticulture crops using scientific methods.
	VAT 103	Production Technology of Cereal and Millet Crops	Knowledge of improving production of cereal and millet crops will be imparted
	VAT 104	Practical Management of Cereals and Millets	Practical knowledge of cultivation practices of growing cereals and millets will be given.
	VAT 105	Practical Soil Testing	Teaches the students various methods of soil sampling and soil testing that will help in determining soil fertility.
	VAT 106	Practical Plant Propagation Techniques	Students are imparted training in various plant propagation techniques which will be helpful for establishing a nursery.
	VAT 107	Agricultural Meteorology	The course of agro meteorology studies the behavior of the weather elements that have direct relevance to agriculture and their effect on crop production. Environmental conditions are important to success of agricultural crops. Weather and climate are such factors determining the success or failure of crop.
	VAT 108	Practical Application of Agricultural Meteorology	Student will learn at the end of the course: Mitigation measures such as shelterbelts against cold and heat waves, effective environmental protection. etc. Efficient management of soils according to weather action. Selection of crop depending upon the weather and climatic conditions. Cost effective irrigation, ploughing, harrowing, weeding etc. planning as per weather forecast. Reducing losses of applied chemicals and fertilizers and chemical sprays when rain is forecast. Efficient and timely harvesting of all crops
	CEC 191	Cultural Education	Knowledge about our Indian Culture; traditions will be given
	ESC 191	Environmental Studies	It is a core course. Motto of this course is to create awareness amongst all the students about environment, environment related problems, harms of over-exploitation of natural resources and all possible solutions to mitigate environmental hazards. Eco friendly solutions for a sustainable development with case studies will make the learning more meaningful
	GKC 191	General Knowledge & Current Affairs I	Current affairs and G.K. will be taught
	RDC 191	Rural Development I	It is a core course .This course will provide an introduction to the theory and practice of rural development. Students will learn the concept and Importance ; structure and problems of Rural Development.

			account and importance of important plant groups and various disciplines of plant Sciences are discussed briefly
	ABS 102	Principles of Agronomy	This course aims to provide students with an understanding of some of the important factors that affect crop productivity and can be applied to agriculture systems.
	ABS 103	Practical Applied Botany Practical	Practicals based on ABS 101 & ABS 102
	BOM101	Algae and Lichens	Large diverse group important to study to mitigate environment related problems and food crisis. Micro flora have vital role for well being of next generation. Symbiotic relationship between algae and fungi is exemplified by study of lichens
	BOM 102	Fungi and Plant Pathology	Students will be able to differentiate between algae and fungi To impart knowledge related to general characters; nutrition; reproduction; ultra structure ,economic importance and classification of fungi Students will learn about true and allied fungi as well as gain knowledge of important fungal diseases and their life cycle .
	BOM103	Practical Botany Practical & GD	Practicals based on BOM 101 & BOM 102 through microscopic slide preparations; permanent slides and museum specimens will be given.
	BOW 103	Practical Work Experience (Modern Crop Production Tech)	It is a work experience based course. Practical knowledge of disease and Pest Management in Kharif Crops will be imparted through Field Survey, Collection of diseased plant parts, identification of major fungal, bacterial, and viral diseases and insects and phytonematodes
	CHH/ ZOH 101	Chemistry/Zoology Theory	Introductory half course in chemistry or zoology.
	CHH/ ZOH 103	Chemistry/ Zooology Practical	Practicals based on Half course theory
	CEC 191	Cultural Education	Knowledge about our Indian Culture; traditions will be given
	ESC 191	Environmental Science	It is a core course. Motto of this course is to create awareness amongst all the students about environment, environment related problems, harms of over-exploitation of natural resources and all possible solutions to mitigate environmental hazards. Eco friendly solutions for a sustainable development with case studies will make the learning more meaningful
	GKC 191	General Knowledge & Current Affairs I	Current affairs and G.K. will be taught
	RDC 191	Rural Development I	It is a core course .This course will provide an introduction to the theory and practice of rural development. Students will learn the concept and Importance ; structure and problems of Rural Development. This course will provide knowledge about various rural development programs initiated by National and State Governments. Students will learn to developing questionnaire and schedule for Socio-economic survey of a rural area. Students will get practical knowledge about Socio-economic status of a village by surveying a village Students will get practical knowledge about block training centre/Agriculture farm/ Dairy farm by studying them.
	ABS 201	Fundamental of Soil Science	Students learn about soil structure, soil types of India and crops that could be grown in those soils. It teaches the techniques of soil analysis

