

Agriculture

Introduction of the Sector

Agriculture is one of the most vital sectors of the Indian economy accounting for as much as 18% of the Indian economy. It also accounts for the livelihood of almost 58% of the Indian population. Moreover, India has become one of the major players in agriculture by becoming the leading producer of pulses, rice, wheat, spices, and spice products. Furthermore, with the numerous government policies in place, the agriculture sector continues to show good and healthy symptoms and steadily climbing through the charts in green. Indian Agriculture sector contributes around 23% in the GDP. It provides employment to more than 65% of the population. The sector is facing an increasing complex business environment due to integration of world market, technological advancement, development of the derivative market etc. To cater to this complexity skilled manpower is required to respond to the current situation and take quick and right decision.

B. Voc. in Agriculture

Course Introduction

Agriculture is a broad field. It consists of many sub-disciplines and sub-branches. B.Voc. in Agriculture covers all aspects of agriculture. Further, the programme itself comprises of various sub-industries like horticulture, floriculture, poultry, organic farming, and each industry has a large number of job roles and opportunities. Above all, there are huge self-employment opportunities in agriculture sector. The curriculum has been designed to include general education and skill development components, having extensive practical and on-the-job training along with regular industrial visits so that they can be easily be engaged in agriculture industry or become entrepreneurs.

Eligibility for Admission

The eligibility for admission to B. Voc. in Agriculture shall be 10+2 or equivalent, in any stream.

Career Prospects

Agriculture domain is capable of generating an abundant amount of job opportunities and different job profiles each year. Government jobs, private sector jobs, self-employment opportunities are available for a graduate of B. Voc. in Agriculture. The State Agriculture Departments (SAD) recruit graduates to fill up officer cadre posts. Private jobs are like the managers at plantations, as officers at fertilizer manufacturing firms, agriculture machinery industries, agricultural products marketing firms, food processing units, etc.

Semester-Wise Listing of Courses

Semester	Subject Code	Subject Name	Credits
I	GE 1.1	Functional English	4
	GE 1.2	Communication Skills - I	4
	GE 1.3	Computing Skills - I	4

	AGR 101	Basic Botany and Introduction to Indian	2
	AGR 102	Agronomical Principles and Crop Production Practices (Kharif Season)	2
	AGR 103	Farm Machinery and Post Harvesting	2
	AGRVP	Vocational Practical	12
II	GE 2.1	Basics of Economics and Markets	4
	GE 2.2	Environment Sciences	4
	GE 2.3	Ethics and Governance	4
	AGR 201	Agronomical Principle and Crop Production Practices	2
	AGR 202	Principles of Floriculture and Landscaping and Basic Ideas of Agroforestry	2
	AGR 203	Indian Horticulture and Principles of Vegetables and Fruit Crops Cultivation	2
	AGRVP	Vocational Practical	12
III	GE 3.1	Communication Skills II	4
	GE 3.2	Financial Literacy	4
	GE 3.3	Basics of Legal and HR Policies	4
	AGR 301	Concepts of Soil and Nutrient Management	2
	AGR 302	Principles of Irrigation Management	2
	AGR 303	Principles of Agriculture Meteorology	2
	AGRVP	Vocational Practical	12
IV	GE 4.1	Computing Skills – II	4
	GE 4.2	Basics of Accounting	4
	GE 4.3	Design Thinking	4
	AGR 401	Seed Production Technology	2
	AGR 402	Diagnosis of Crop Health Problems	2
	AGR 403	Food Processing and Preservation	2
	AGRVP	Vocational Practical	12
V	GE 5.1	Digital Literacy	4
	GE 5.2	Health and Wellness	4
	GE 5.3	Personal Grooming	4
	AGR 501	Concept of Agro-service and Agriculture	2
	AGR 502	Emerging Concepts and Practices in	2
	AGR 503	Insects and their Role in Agriculture	2
	AGRVP	Vocational Practical	12
VI	GE 6.1	Entrepreneurship	4
	GE 6.2	Employment Readiness	4
	GE 6.3	Effective Workplace Skills &	4
	AGR 601	Application of Microbiology in Agriculture	2
	AGR 602	Livestock, Poultry and Organic Farming	2

	AGR 603	Agro-processing Projects, Credit Planning	2
	AGRVP	Vocational Practical	12

Programme fees: (Rs. 36,000/-per annum)

Examination fees: (Rs. 1,600/- per semester and Rs.3200 per annum)

Caution Deposit (Refundable): Rs.5000

