Agricultural Science

Agriculture
Horticulture
Food Technology
Agri-Biotechnology
Agriculture Diploma

SHARADCHANDRAJI PAWAR COLLEGE OF AGRICULTURE
ESTD - 2006

COURSE NAME	COURSE DURATION	COURSE ELIGIBILITY	UNIVERSITY	RECOGNIZED	COLLEGE CODE	INTAKE
B.Sc.(Hons.) Agri	4 years	12th Science , PCB/PCM/PCMB CET/JEE/NEET	Dr. B.S.K.K.V. Dapoli	MCAER	11166	180

Program Feature :

This prgram graded 'A' by MCAER, since 2010 to present. This program offers a comprehensive education in the agricultural sciences, covering various disciplines such as agronomy, horticulture, soil science, genetics, animal nutrition, land use, agri-economics, and more. Students benefit from practical learning, gaining hands-on experience through fieldwork and laboratory work to develop essential skills. One of the program's key strengths is its multi disciplinary approach, which allows students to explore diverse facets of agriculture. They acquire industry-relevant skills in crop and livestock management, marketing, and farm management, setting them up for success in the agriculture sector. The program boasts an experienced faculty with expert instructors dedicated to providing quality education. It emphasizes practical application, offering real-world scenarios through field visits, internships, and research projects. Students also have ample research opportunities to engage in agricultural sciences research projects. In addition to academic rigor, students benefit from industry exposure through guest lectures, seminars, workshops, and visits, ensuring they stay connected with the latest developments in the field.

Program Overview :

The Bsc Agriculture program at Sharadchandraji Pawar College of Agriculture is a four-year undergraduate course. It provides a strong foundation in agriculture through eight semesters. The curriculum covers diverse subjects like agronomy, horticulture, genetics, agri-economics, soil science and more. This program emphasizes a holistic approach, blending theory with practical training through fieldwork, labs, and internships. It fosters critical thinking and problem-solving skills. Sustainability and environmental stewardship are key focuses, along with keeping students updated on agricultural technology and industry challenges. Upon graduation, students can pursue careers in research, government agencies, agribusiness, or become agricultural entrepreneurs. Higher studies or specialized research are also options. This program equips students to contribute to agriculture, food production, environmental conservation, and rural development.

Career opportunities :

Agriculture offers diverse career opportunities such as agronomist, horticulturist, soil scientist, plant geneticist, and more. You can work as a farm manager, livestock farmer, agricultural economist, or in agribusiness management. There are also roles in environmental consulting, food science, rural development, and precision agriculture. Additionally, you can become an agricultural educator, consultant, or work in research, government, NGOs, or AgTech. Agriculture remains a crucial industry with various career prospects. opportunities exist in healthcare administration, academia, consulting, and entrepreneurship. With their education emphasizing social responsibility and holistic development, graduates are equipped to make a meaningful impact on healthcare and society in their chosen career paths.

SHARADCHANDRAJI PAWAR COLLEGE OF HORTICULTURE
ESTD - 2001

COURSE NAME	COURSE DURATION	COURSE ELIGIBILITY	UNIVERSITY	RECOGNIZED	COLLEGE CODE	INTAKE
B.Sc.(Hons.) Horticulture	4 years	12th Science , PCB/PCM/PCMB CET/JEE/NEET	Dr. B.S.K.K.V. Dapoli	MCAER	12171	120

Program Feature :

This program graded 'A' by MCAER , since 2010to 2023. Core subjects in plant biology, soil science, and crop production. Specialization options in areas like fruit production, vegetable, flowers, landscape design, and more. Hands-on practical training and internships. Plant identification and taxonomy skills. Training in crop management and sustainable farming practices. Pest and disease management knowledge. Focus on sustainable agriculture and environmental practices. Research opportunities and industry exposure. Business and entrepreneurship skills. Field trips, guest lectures, and seminars.

Program Overview :

This program is a four-year undergraduate degree course that provides a comprehensive understanding of horticulture. The curriculum covers fundamental horticulture principles, production techniques for fruits, vegetables, flowers, aromatic and medicinal plants their processing, nursery management, landscape, water management, plant breeding, horticultural business management, meteorology, climate change, and soil study. Students gain theoretical knowledge and practical skills in various areas of horticulture, preparing them for careers in farm management, crop production, nursery operations, research, agribusiness, and consultancy.

Career opportunities :

More opportunities are available, Horticulturist: Caring for plants in various settings, Agricultural Manager: Overseeing crop production and farm operations, Landscape Designer: Creating appealing outdoor spaces, Nursery Manager: Cultivating and selling plants, Agronomist: Advising on crop management and soil health, Research Scientist: Conducting horticultural research, Horticultural Consultant: Providing expert advice, Agribusiness Manager: Managing horticultural businesses, Sustainability Specialist: Promoting eco-friendly practices, Entrepreneur: Starting horticultural businesses, Educator: Teaching horticultural subjects, Crop Consultant: Advising on crop optimization, Urban Agriculture Specialist: Promoting city farming., Plant Breeder: Developing new plant varieties, Government Positions: Working in agriculture and environmental roles..

SHARADCHANDRAJI PAWAR COLLEGE OF FOOD TECHNOLOGY
ESTD - 2004

COURSE NAME	COURSE DURATION	COURSE ELIGIBILITY	UNIVERSITY	RECOGNIZED	COLLEGE CODE	INTAKE
B. Tech. Hons. (Food Technology)	4 years	12th Science , PCB/PCM/PCMB CET/JEE/NEET	Dr. B.S.K.K.V. Dapoli	MCAER	16181	80

Program Feature :

This program graded 'A' by MCAER, Since 2010. The program offers Hands-on learning through labs and industry visits. Industry-focused to prepare graduates for careers. Emphasis on food safety and quality control. Interdisciplinary approach for a holistic understanding. Opportunities for research and innovation. Expertise in food packaging and food law. Four-year program for in-depth knowledge. Networking with industry professionals. Focus on sustainable practices in food processing.

Program Overview :

Food Technology program at Sharadchandraji Pawar College of Agriculture is a four-year undergraduate degree focussing on food processing and technology. It covers essential subjects like food processing principles, Food Microbiology, Food Chemistry, Food Engineering, Quality Assurance, and food laws. Students specialize in areas like dairy product manufacturing, meat processing, Bakery and Confectionary and food packaging. The program combines theory, hands-on experience, and research projects to prepare graduates for careers in food processing, research, quality control, product development, and regulatory bodies, with a strong emphasising food safety and industry relevance.

Career opportunities :

The Food Technology program offers a variety of career opportunities in the food industry, including roles such as Food Processing Engineer, Microbiologist, Quality Assurance Specialist, Product Developer, Regulatory Compliance Officer, Food Packaging Specialist, and many others. Graduates can work in food processing, research, quality control, product development, regulatory bodies, and various industry sectors, all with a strong focus on food safety and quality. This program provides hands-on learning, industry exposure, and a four-year, interdisciplinary education, making it a solid foundation for a successful career in food technology. Government Positions: Working in agriculture and environmental roles.

COLLEGE OF AGRICULTURAL BIOTECHNOLOGY
ESTD - 2010

COURSE NAME	COURSE DURATION	COURSE ELIGIBILITY	UNIVERSITY	RECOGNIZED	COLLEGE CODE	INTAKE
B. Tech. Hons. (Biotechnology)	4 years	12th Science , PCB/PCM/PCMB CET/JEE/NEET	Dr. B.S.K.K.V. Dapoli	MCAER	19270	50

Program Feature :

This program graded 'B' since 2013to 2023 by MCAER. Four-year undergraduate degree program, Comprehensive understanding of various biotechnological aspects. Broad range of courses covering multiple sub-disciplines within biotechnology, Eight-semester curriculum with diverse areas of study. Emphasis on practical skills, laboratory work, and research projects. Focus on hands-on learning experiences. Preparation for careers in research, biotech industries, pharmaceuticals, agriculture, and environmental agencies. Strong foundation in fundamental biotechnology concepts, principles, and techniques Preparation for practical applications in various industries, including agriculture, pharmaceuticals, healthcare, and environmental conservation.

Program Overview :

The B.Tech. Biotechnology program at Sharadchandraji Pawar College of Biotechnology is a four-year graduate degree program that provides a comprehensive education in biotechnology. It covers diverse areas like plant and animal biotechnology, environmental biotechnology, Nano biotechnology, intellectual property rights (IPR), and more. The program focuses on hands-on learning, research projects, and practical skills development. Graduates are well-prepared for careers in research, biotech industries, pharmaceuticals, agriculture, and environmental agencies, or further studies in biotechnology
or related fields.

Career opportunities :

Opportunity for further education with advanced degrees (MSc or PhD). Biotechnology Research Scientist: Conduct experiments and research in various biotech fields, Biotech Industry Professional: Work in product development, quality control, or process optimization in biotech companies, Pharmaceutical Researcher: Contribute to drug development formulation, and clinical trials in pharmaceutical companies, Agricultural Biotechnologist: Enhance crop yields and sustainable agriculture through genetic modification, Clinical Research Associate: Manage clinical trials and ensure regulatory compliance. Biotechnology Product Development Scientist: Create and improve biotechnological products.

D. G. TATKARE KRISHI TANTRA VIDYALAYA
ESTD - 1985

COURSE NAME	COURSE DURATION	COURSE ELIGIBILITY	UNIVERSITY	MEDIUM	GRADE	INTAKE
Agril. Diploma	2 years	10 th Pass	Dr. B.S.K.K.V. Dapoli	Marathi	'A'	80

Program Feature :

Envision a Grade A school where excellence thrives, boasting seasoned faculty, state-of-the-art infrastructure including well-equipped buildings and laboratories, and a comprehensive library. Catering to the diverse needs of students, separate hostels are provided for both male and female students, complemented by affordable meal arrangements operating on a non-profit, no-loss basis. Further enhancing accessibility, scholarships are available, including dedicated support for Backward Classes in alignment with governmental policies. Additionally, students can harness the power of the earn and learn system, fostering practical skills alongside academic pursuits.

Program Overview :

In the foundational first year, students cover essential subjects such as Principles of Agriculture, Crop Production Technology, and Rural Sociology, alongside exploring topics like Agricultural Tools and Information Technology.
In the subsequent year, they delve into specialized areas including Cooperative Credit Supply, Seed Production Technology, and Animal Husbandry, gaining practical expertise in Nursery Management, Floriculture, and Agricultural Processing.
Specialized training modules further enhance their skills in Nursery Management, Crop Harvesting and Processing, and Agricultural Complementary Industries such as Dairy and Fruit and Vegetable Processing, preparing them for diverse roles in the agricultural sector.

Career opportunities :

A plethora of promising career paths awaits within the agricultural sector, ranging from roles as village sevak, talathi, and agricultural assistant to exciting opportunities in banks, sugar mills, and agricultural industries. The chance to supervise diverse agriculture and fruit projects adds another layer of potential, alongside avenues for self-employment through advanced agricultural practices and initiatives like establishing a Krishi Seva Kendra. With a B.Sc. in agriculture, direct admission beckons to embark on an academic journey tailored for cultivating expertise and innovation in the field.

SHORT TERM COURSES

Agricultural Sciences

NO.	COURSE NAME	INTAKE CAPACITY	ELIGIBILITY
1.	Soil and Water Lab Testing technician	30	B.sc. Agri/Hort Appeared
2.	Agriculture Field Officer	30	B.sc. Agri/Hort Appeared
3.	Fruit and Vegetable Drying and Dehydration technician	30	B.Sc.Hort/ B. Tech.Food Tech Appeared