

Department of Agriculture

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About Department of Agriculture

DSCW got affiliation from Panjab University to start B.Sc. Agriculture from this session 2018-19. After completing B.Sc degree in Agriculture, candidate can look for higher education programmes such as MBA in Agri-Business, M.Sc in Crop Physiology, M.Sc in Genetics and Plant Breeding, or M.Sc in Entomology. A degree in Agriculture gives the students the knowledge and skills to either manage agricultural businesses, or work in the areas of agricultural sales, food production and farming. Reputed organizations such as Indian Agricultural Research Institute, G.B. Pant University of Agriculture & Technology, National Seeds Corporation Limited, and the Centre of Excellence for Farm Machinery offer job opportunities to those interested in the career in this domain for the job profile of ‘Junior Assistant’ in National Agricultural Cooperative Marketing Federation (NAFED).

Highlight of the Department

- Highly qualified, experienced, committed and dedicated faculty.
- Agricultural Farm attached with the college campus.
- Live Projects and demonstrations in the areas of crop production, nursery raising, organic farming, floriculture, vegetable crop production, medicinal plants, orchard management and ornamental horticulture etc.
- Innovative Pedagogy: Emphasis on case studies and inter-personal based teaching to develop skills in the analytical thinking and reflective judgment by reading and discussing complex and real-life scenarios.
- Arrangement of visit to kissan-mela and other agriculture related activities organized by KVK, PAU, Punjab & Central Govt.
- Arrangement of industrial visits to provide the students with the practical knowledge.
- Emphasis on practical knowledge and field work along with theoretical knowledge.
- Smart classrooms for the purpose of making teaching and learning more effective.
- Top positions in university exams.
- Encouraging group projects to improve the inter-personal skills.
- National Conferences, Seminars and Workshops.
- Periodic Tests, Assignments, MST’s to evaluate the performance of the students.
- Extensive use of the library and other learning resources,

Faculty Profile

| S. No. | Name | Educational Qualification | Designation | Specialization |
|--------|---------------------|---------------------------|---------------------|--|
| 1. | Mr. Pawandeep Singh | M. Sc. | Assistant Professor | Agriculture (Horticulture (Fruit Science)) |
| 2. | Ms. Savneet Kaur | M.Sc. | Assistant Professor | Agricultural Extension Education |

Publication Work

| Publications: | |
|--|---|
| Review Papers (Peer Reviewed journals) | 2 |
| Papers presented in National/International Conferences | 1 |
| Books published with ISBN | 0 |
| In-House Journals | 0 |
| National journal Publication | 0 |

Curriculum

B.Sc. in Agriculture

Course Duration: 4 years (8 Sem.)

Eligibility: 10+2 with science.

<https://puchd.ac.in/includes/syllabus/2020/20200728145737-b.sc.4yearcourseagriculture.pdf?202201515004>

Vision, Mission and Aim

Vision

To influence market forces through vibrant and sustainable agriculture activity that reduces poverty, the risk of food insecurity and increases the contribution to GDP

Mission

To transform agriculture into a modernized, sustainable, diversified production and export-oriented sector, which contributes to improve the food security, farmers' livelihood and their overall economic growth.

Aim

- To provide the relevant education to the students in Agriculture, Processing and allied sciences.
- To promote research and training on sustainable development of the agricultural productivity, cost reduction in farming, farm mechanization and farm animal production.
- To encourage the youths for entrepreneurship and rural development
- To provide consultancy in agriculture to disseminate the technology innovation to the producer through the integrated extension activities.

Future Prospects of Agriculture Science

B.Sc. in Agriculture is one of the leading courses since India is an agricultural country. BSc agriculture Scope is increasing rapidly. In the near future agricultural science has a huge growth; it is important for the sustainability of the world. Major technologies & science will drive growth in the field of agriculture too, initiating a new era.

Students pursuing Science in their higher secondary, with an aptitude for agriculture and its sciences can choose to opt for their Bachelor's in Agriculture. B.Sc. in Agriculture is a course that offers students with essential and intricate knowledge of the field of Agro-based industries and their growing technology.

As India is an agriculture-based country, it can be fairly concluded that this sector will never run out of job opportunities and employment in the future.

Agriculture is a professional degree that is recognized by the Government of India. It is a four-year undergraduate course. The course deals with the research and practices in agricultural science, dealing with disciplines like Genetics and Plant Breeding, Agricultural Microbiology, Plant Pathology, Soil Sciences, etc.