



DOON (PG) COLLEGE OF AGRICULTURE SCIENCE AND TECHNOLOGY

Affiliated to Hemvati Nandan Bahugana Garhwal University
(A Central University) Srinagar Garhwal Uttarakhand.



**Admissions Open
2024-25**



**DOON (PG) COLLEGE OF AGRICULTURE
SCIENCE AND TECHNOLOGY**

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we **NEED** a new
vision for **Agriculture**

www.doonagriculturecollege.in



About us

Doon (PG) College of Agriculture Science and Technology is a premier self-financed institute of Dehradun Uttarakhand. The institute was established in year 2000-01 under Maharani Laxmi Bai Memorial educational society. The institute is affiliated to Hemvati Nandan Bahuguna Garhwal University (A Central University) Srinagar Garhwal Uttarakhand.

The institute is a vastly reputed institution for providing quality education in the field of Agriculture, Management, Computer applications and life sciences from past twenty four years. The institute has highly qualified dedicated experience faculty members. The institute has

fulfledged laboratories for all the streams and these are equipped with state of art educational and research instruments. Smart-board enabled modern classrooms, well stocked library, e-library, CCTV covered campus & hostels, in-campus ATM facility, spacious Cafeteria, playgrounds, separate hostels for the boys and girls. The learning environment provided at the campus motivates the students to learn more and assist them in building their excellent career.

The institutes have a strong alumni base who is serving in various government and private organization of National and International repute.

VISION

To impart value based quality education and empower the students with wisdom and instil rich Indian tradition, culture and self-confidence.



MISSION

- Provide value based education, research and training of high standards.
- Impart Innovative skill development programmes.
- Emphasize on strongly aided practical and field trainings to students to get deeper and upgraded knowledge of the subject to the students and faculty members so that they can involve in research activities and conduct research on latest technology.
- Create awareness about the environment and their individual roles towards sustainable global living conditions.
- Conduct courses on Professional Ethics and Human Values.

FROM THE CHAIRMAN'S DESK



Welcome to the Doon (PG) College of Agriculture Science and Technology

The vision of today is a better tomorrow for one and all and one must strive to make it happen through determination, diligence and dedication. The ultimate aim is to equip the students with relevant conceptual and professional skills and guiding them towards a bright future and career all around the world.

I strongly believe in overall growth of students to make them good human beings first and then mold them into effective professionals and good citizens of this country. There is no short cut to hard work. I am sure that every student of DCAST will have more than one job after successful completion of the course.

I extend my best wishes and blessings to the upcoming professionals and committed members of DCAST family.



Dr. Sanjay Chaudhary



FROM THE PRINCIPAL'S DESK

It is a matter of honor and immense pleasure that destiny has given me an opportunity to lead Doon (P.G.) College of Agriculture Science and Technology, Selaqui, Dehradun (Uttarakhand). I join this prestigious college with the commitment to not only keep up the past glories but also to steer the college on the path to new directions in keeping with the demands of the new times. The last few years have changed the nature of demands from an education of higher learning with unprecedented developments in the agriculture sciences and opening up of the boundaries of the subjects into interdisciplinary nature. The New Education Policy 2020 reflects the shift in vision regarding education from the creation of a resource pool to a path of holistic development of the person. Higher education in India too, has readily

adapted to the global demands and every Institution has geared up to meet the global challenges by harnessing the latest technologies in education front. The move towards inter-disciplinary studies, teaching, research and extension based and interactive learning with technology integration have opened up several options as well as created multiple challenges. India is at a juncture where a huge population of young men and women are opting for higher education. Let us aspire to build the institution back into a centre for excellence not just in the official sense but also in the perception of the people with Interdisciplinary nature of teaching, research and extension. I assure you of my complete support for any proposal and effort towards our college growing into a vibrant space for learning, growth and grooming the future builders of the nation.

We have some of the best minds in academics as the faculty of the college who has brought credibility to the college in teaching, research and extension. A strong believer and practitioner of dictum "Knowledge is Power", Doon (P.G.) College of Agriculture Science and Technology, Selaqui, Dehradun (Uttarakhand) has been on the path of delivering quality education by developing the young human resources with ethical and moral values, while boosting their leadership qualities and innovative skills. The main objective of the college is to provide higher education of global standards and hence, all the programs are designed to meet international standards. Highly experienced and qualified faculty members, continuously engaged in the maintenance and enhancement of student-centric learning environment through innovative pedagogy, form the backbone of the College. All the programs offered by College follow the Choice Based Credit System with Outcome Based Approach. The flexibility in the curriculum has been designed with industry-specific goals in mind and the educator enjoys complete freedom to appropriate the syllabus by incorporating the latest knowledge and stimulating the creative minds of the students. I strongly believe college is marching ahead in the right direction, providing a holistic education to the future generation and playing a positive role in nation building. We reiterate our endeavor to provide premium quality education accessible to all and an environment for the growth of over-all personality development leading to generating "Global Professionals". Doon (P.G.) College of Agriculture Science and Technology have state-of-the-art infrastructure, spacious campus, a fully computerized and digital library, well equipped labs, adequate sports facilities and excellent platforms for extra-curricular activities. We ensure that the students get their education in the most congenial and conducive environment. In fact, education for us is a mission, a passion and a service. I am highly grateful to all the Stakeholders of the Institution for their continuous support and proactive role in the success of the Institution.

I welcome all the students who have decided to join this renowned Institution and assure them that they will find here much more than they expect and we shall make every effort not only to come up to their expectations but also to go beyond them.

I would like to conclude by quoting **Guru Rabindranath Tagore** that "The higher education is that which does not merely give us information but makes our life in harmony with our existence."

Prof. R.G. Upadhyay

Education
is the passport
to the **future**
for **tomorrow**
belongs to those
who **prepare**
for it **today**.

Welcome

DCAST is One of the best agriculture science and technology college in dehradun India, Doon (P.G) College of Agriculture Science and Technology (DCAST), an institution known as agricultural science and technology college, provides various learning opportunities in the agricultural field along with multiple career options.

- World Class Infrastructure
- Well Furnished Lab & Library
- Highly Qualified & Well Experienced Faculty

Why DCAST

- A Multidisciplinary college with diverse streams in science, commerce, life science, professional education.
- Very good Infrastructure and all Laboratories well equipped with latest instruments and apparatus. Facilities available for various indoor and outdoor games and sports.
- Qualified and dedicated faculty members with good team work.
- Adequate ICT facilities and the academic as well as administrative workflow through the ERP System.
- The college has an active Alumni Association.
- College has safe and hygienic hostel facilities for girls and boys.

Why CHOOSE US...?

First-class education with a focus on practical skills & professional relevance.

24+
Year Experience

11000+
Alumni

80%
Over all
placements

No.1
For Quality
Education

Wi-Fi
Enabled

LUSH
Green Campus

24x7
Learnings

50+
Faculty



Our Courses



B.Sc. (Hons) Agriculture

M.Sc. (Ag) Agronomy

M.Sc. (Ag) Horticulture

B.Sc. (Hons) Forestry

M.Sc. Forestry (Silviculture & Agroforestry)

BBA (Bachelor of Business Administration)

BCA (Bachelor of Computer Application)

B.Ed. (Bachelor of Education)



INFRASTRUCTURE

SMART CLASSROOM



Doon (P.G.) College of Agriculture Science and Technology provides a professional, competent and expert faculty to inculcate a questioning bent of mind and curiosity in the students. Our faculty members with rich academics as well as industrial experience as facilitators for the student's future and members for their lives. The institute has A modern infrastructure and technological support for teaching, learning and personality development of its students. The institute provides well furnished lecture halls given the future managers and technocrats a focused arenas to develop their personalities. Latest audio visual aids and multimedia technology enable the faculty to have interactive sessions of teaching which proliferate confidence and enthusiasm among the students.

Libraries are centrally situated inside the campus of all the colleges. They have more than twenty thousand individually & total one lakh books written by Indian and foreign authors on different subjects as per the syllabus issued by the University. National Newspapers in Hindi and English are subscribed in the libraries. Libraries also subscribe important News Magazines and professional journals of repute. Documentation Unit files special features on various subjects. Keeping in view advanced pattern of learning, collection of some important films concerning different subjects is kept in the libraries. Libraries also remain open on holidays. Open self-system is maintained and students are free to get the books issued from the library. Students are also encouraged to use library facilities during their free periods. All the libraries are fully computerized.

CENTRAL LIBRARY



CANTEEN/ CAFETERIA



The colleges separately houses canteen facilities to provide refreshment to the students. Students find it the most suitable place to relax and discuss topics of their interest during the leisure time.

We have cafeteria with adequate seating capacity for students. The cafeteria provides hygienic and nutritious eatables for the Faculty and Students at reasonable price.

HOSTEL



Separate hostel facility is available for boys and girls. The rooms are spacious and well furnished. Every hostel has a common room provided with TV, indoor games and phone. Water purifier systems are installed and special care is being taken with respect to health and hygiene. A visit by a Physician is undertaken for medical check up regularly.

WI-FI CAMPUS



Doon (P.G.) College of Agriculture Science and Technology are fully equipped with the Wi-Fi facility. The connectivity with the digital world is possible with Wi-Fi network facility.



TRANSPORT



The college has its own fleet of buses which punctually brings students from different corners of the city to the college and hostels at nominal cost. At present it owns 8 buses, which are likely to be increased as per requirement. Regular Educational tours and excursions are being undertaken for practical knowledge to refresh the minds of the students.

COMPUTER LAB



Computer Lab with latest generation computers having high processing capability and Internet facility is available in the colleges. Students are encouraged to avail the Internet facility.

SPORTS

The college presently have it's own lush green playground, where regular sports & games such as volleyball, football and cricket etc are conducted time to time. We have facility for indoor games such as chess, badminton, Table Tennis and Snooker.



B.Sc. (Hons) Agriculture

The Agriculture department at DCAST is an excellent resource for those interested in Agriculture, Agronomy, Agri-business and Natural resources. Students pursuing Agriculture course will study a wide variety of subjects, including agronomy, soil sciences, horticulture (fruit science & vegetable), plant breeding and genetics, entomology, plant pathology, animal sciences, extension education, plant biochemistry, agriculture economics, basics of biotechnology, etc. The syllabus is as per the guidelines of ICAR (Indian Council of Agriculture Research) and is designed to train students to understand ways of improving the crop production in a sustainable manner and to provide overall knowledge related to agriculture and related disciplines.

The Department offers undergraduate and postgraduate degree programs B.Sc. (Hons) Agriculture and M.Sc. (Ag) Agronomy



M.Sc. (Ag) Agronomy

Agronomy deals with planning and provision of food in all conditions. It directly contributes in making our country self sufficient and independent mainly due to its competence of aiding surplus food grain production.

Post Graduation in Agronomy provides wide knowledge on cultivation practices of all crops, horticultural crops, soil, water, fertilizer and similar aspects. Agronomy is a core branch of agriculture and facilitates in crop production and increasing the livelihood of the farmers.

Agronomy, or scientific agriculture, applies several soil and plant sciences to soil management and crop production. Modern concepts in drought physiology, herbicides, crop production, and crop production, physiological aspects of crop yield, principles of physiology of crop plants, advanced irrigation agronomy, crop nutrition, advanced crop ecology, applied conservation agronomy, arid zone agronomy, agricultural research organizations, cropping and farming systems, and agro-meteorology are some of the subjects covered in this degree. Students who complete the P.G. degree in M.Sc. Agronomy will have several options in various areas.



M.Sc. (Ag) Horticulture

Department of Horticulture at DCAST facilitates quality education along with strengthening and improving the theoretical as well as practical knowledge of the subjects under the undergraduate (UG) and post-graduate (PG) courses in horticulture particularly in Fruit science, Vegetable science and Floriculture as per the guidelines of HNBGU (A central University) Uttarakhand. It generates technology for improving the production and productivity of crops which should be knowledge based, knowledge driven and farmer centric and provides assistance in planning and development of Horticulture technologies and dissemination of the technologies to the students. It also coordinates and integrates the efforts for achieving excellence in Horticulture. The Department of Horticulture is facilitated with well-equipped laboratories, which include Horticulture, Soil science, Biochemistry, Microbiology, Plant physiology, Plant pathology, Entomology, Mushroom culture, Vermicomposting, and Organic farming. Besides this the department has well maintained experimental and demonstration fields with different species of horticultural plants. The faculties are well qualified in the field of horticulture with M.Sc., Ph.D. and NET and having specialization fruit science, vegetables science and floriculture.



B.Sc. (Hons) Forestry

Forestry is a study program where candidates need to work with some of the concepts, fundamental facts, and implementation of various ideas to the system. The aim is to ensure that the expansion of the area of the forest can be done along with the number of resources that are coming from the forest that do not get decreased.

Forestry is the science of planting, managing, maintaining as well as conserving forests and their related resources. The professional who practices forestry is known as a forester. A forester is involved in many activities such as protection of natural resources, ecological restoration, timber harvesting, etc. A forester also develops forest management plans, selects sites for growing new trees, and plans and supervises forestry projects.



M.Sc. Forestry (Silviculture & Agroforestry)

The plantation and agroforestry in our country has growing significant attention and attraction among the all stake holders as a source of alternate land use system to create self sustainability in raw material security besides catering to the needs of ecosystem and environment stability. For this purpose, there is a growing demand to inculcate the art and science of modern silviculture and multifunctional agroforestry systems. The art and science of growth and development of trees through silviculture technology for wide range of species assemble for varied ecosystem received greater priority. Similarly the agroforestry models and systems need to be taught judiciously incorporating professional regulation, cultural and supporting services. Against this back drop Forest College and Research Institute is implementing a Post Graduate programme M.Sc. (Forestry) in Silviculture and Agroforestry judiciously incorporating all facets of Forestry and Agroforestry in order to create professional man power requirement to handle and manage the forest, plantation forestry and agro forestry.



BBA (Bachelor of Business Administration)

BBA program at DCAST is anchored in the fundamentals of general management with the latest theories and best practices in the business/corporate world. It builds a basic framework of qualitative, quantitative, analytical, strategic and problem solving skills. The pedagogy is specially designed to create a healthy learning environment, a blend of theoretical concepts and practical nuances. An optimal mix of learning methods ensures a holistic personality development of the students as well.

The BBA program seeks to provide to the management trainees the understanding of the theory, practice of management and the required knowledge and skills to succeed in the business world. It is intended for those who wish to acquire business and managerial knowledge and skills. The curriculum provides the students with a strategic perspective on contemporary issues in management. The academic curriculum of BBA degree involves comprehensive learning that would produce managers who are well equipped with technical expertise and practical knowledge relevant to today's business environment.



BCA (Bachelor of Computer Application)

Bachelor in Computer Application (BCA) is one of the most popular courses among the students who want to make their career in the IT field. BCA course provides students with knowledge of computer applications as well as how to solve various problems and issues related to a computer or its applications. It is usually the first step into the world of Information Technology in the current era of technological advancements and digitalization. The duration of course is 3 years and divided into 6 semesters. It comprises of the subjects like database, computer networking, data structure, software engineering, core programming languages like 'C', 'C++', 'C#' and 'java'. It is a technical degree that prepares students for a career in the field of computer Application and development.



B.Ed. (Bachelor of Education)

Department of education is running B.Ed. and M.A. Education program in Education. The Institute offers an outstanding learning environment for students by providing state of the art Infrastructure, facilities, course curriculum and teaching methodology. All these are designed, in view of its commitment to achieve excellence in the field of Education by providing excellent trained teachers.

The department of education is based on the objectives preset by NCTE (National Council for Teacher Education) for teaching aspirants. Three main elements included in the curriculum of B.Ed - Theory, practicum & internship; and at least 25% of the programme is made on the school based activities and internship. Each programme of the B.Ed. curriculum has been integrated with ICT, gender & disability, yoga education and Inclusive Education. The department has well equipped Lecture Rooms, Psychological Laboratories, library with journal and encyclopedia, co-curricular activities hall, Girls common room, all pedagogical subjects Laboratories, Indoor & outdoor games facilities, Music room computer Laboratories, multi-Purpose Auditorium and Language Laboratory with well qualified teacher Educators. We are committed to develop the abilities, skills and personality of a pupil Teachers. Most of the objectives directly focus on enhancing the abilities of motivation, aptitude, attitude, creativity, empathy, high order thinking abilities, self-assessment, practical knowledge, Convergent and divergent thinking, communication using pedagogical approaches.

Training & Placement Cell



The Training & Placement Cell (T&P Cell) plays an imperative role in shaping up the career of students from orientation, internships, projects, summer training to their final placements. Our goal is to assist the students to be successful in their career development and job placement activities. The center shoulders the responsibility of organizing in-campus interviews for student training and placement.

At DGC Students' employment and training is facilitated through the Training and placement Department. The Department has student representatives from all classes of all streams, among whom a Student Coordinator is elected. The Student Coordinator interacts with the Placement Coordinator for the daily functioning of the Department.

Responsibilities of T&P Cell at Doon (P.G) College of Agriculture Science and Technology

- Organizing industrial visits and summer training
- Counseling of students for their future career growth and development
- Regular interaction with big corporate houses for the placement of graduating students
- Undertake various programmes for Professional Skills Development, communication skills, group discussions and interview techniques
- To make associations with organizations that are targeted for placements and regularly organize corporate interactions for students

Thus, managing Corporate-Institute interface is a primary responsibility of this centre. The T&P Cell helps to prepare students for external world by conducting pre-placement talks and interview sessions. It encourages students to work on live projects which help them to match classroom teaching with the industry practices.

Our Recruiters



EVENTS



Jashan-e-Doon
CELEBRITY@
DOON GROUP OF COLLEGES

