



DOON (P.G.) COLLEGE OF AGRICULTURE SCIENCE & TECHNOLOGY

CAMP ROAD SELAQUI, DEHRADUN-248011 (UTTARAKHAND)

(Under the Management of Maharani Laxmi Bai Memorial Educational Society)

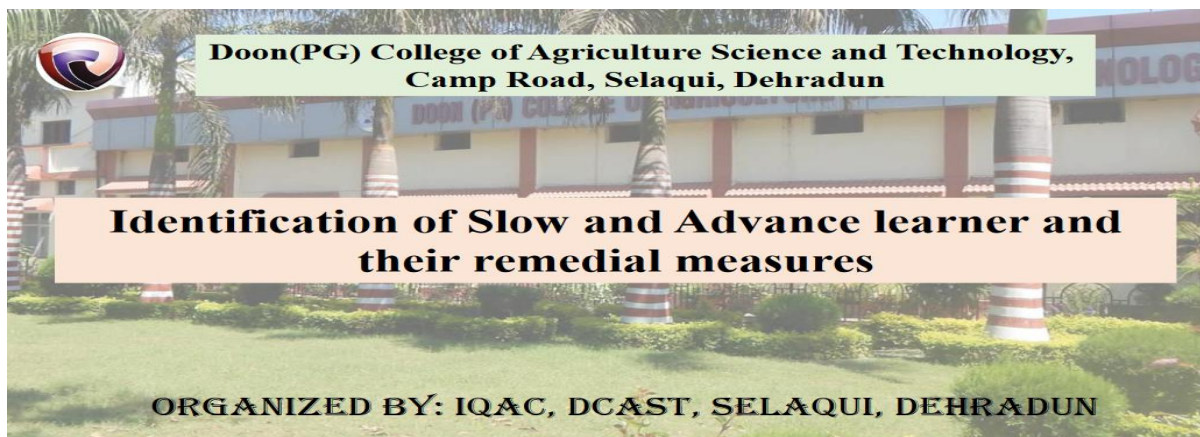
AFFILIATED TO HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY

(--A CENTRAL UNIVERISTY--)

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## IQAC INITIATIVES IN CAMPUS

<b>WORKSHOP ON SLOW AND ADVANCE LEARNERS FOR FACULTIES</b>	
<b>Name of Activity</b>	Workshop on identification of slow and advance learner.
<b>Organised by</b>	IQAC, DCAST, Dehradun
<b>Date</b>	20 <sup>th</sup> May 2024
<b>Venue</b>	Block A, Room no. 105
<b>Participated by</b>	25 faculties
<b>Activity In charge</b>	Mr. R.K. Mishra and Ms. Kajal Srivastava
<b>Content</b>	The faculties were explained the definition of terms and how to identify them during the coursework. Faculties also gave lot of inputs from their side. The session also gave insight on remedial measures for Slow and Advance learner. The SOP was discussed with the faculties and innovative strategies were discussed to deal with slow learners.
<b>Objective</b>	To give faculties and insight about identification of slow and advance learners in during the current semester
<b>Outcome of the activity</b>	Faculties were able to discuss about need and strategy involved behind identification of Slow and advance learners.





<b>NPTEL AWARENESS PROGRAM FOR STUDENTS</b>	
<b>Name of Activity</b>	Awareness program about NPTEL-SWAYAM platform
<b>Organised by</b>	IQAC, DCAST, Dehradun
<b>Date</b>	27 <sup>th</sup> July 2024
<b>Venue</b>	Block A, Room no. 105
<b>Participated by</b>	85 students
<b>Activity In charge</b>	Mr. R.K. Mishra and Ms. Kajal Srivastava
<b>Content</b>	The session was started with introduction about Swayam and NPTEL platform, its significance, and benefits. The students were encouraged to download the Swayam Application in their mobiles. The students were explained about types of courses offered by Swayam, disciplines, certificate access, and advantages of this techno-enabled initiative by government of India. The enrollment opens twice a year in January and July. Some courses were self-paced while some are Regular. The session also explained difference between the two. A list of courses was also displayed for reference. Student's doubts were cleared during the session.
<b>Objective</b>	To aware students about benefits of enrolling in NPTEL courses.
<b>Outcome of the activity</b>	Students were made aware about different types of courses which could benefit them in future.





<b>EDUCATIONAL TOUR</b>	
<b>Name of Activity</b>	Educational tour to Patanjali Ayurved Ltd.
<b>Organised by</b>	Department of Agriculture and Management
<b>Date</b>	5 October 2024
<b>Venue</b>	Patanjali Research and Experimental Farm. Haridwar
<b>Participated by</b>	78 Students
<b>Activity In charge</b>	Dr. Mritunjay Rai and Dr. Megha Panwar
<b>Content</b>	The tour was planned for giving some exposure to students, focusing on the identification, cultivation, and utilization of numerous plant and tree species used in preparation of various products.
<b>Objective</b>	To give students industrial exposure and help them to understand the entrepreneurial skills.
<b>Outcome of the activity</b>	Students were made aware about working of Patanjali by experts. The tour gave them an insight to industrial working environment.



**PICTURES OF TOUR**



Educational Survey	
Name of Activity	Socio economic survey
Organised by	Department of Agriculture
Date	15 October 2024
Venue	Badowala, Dehradun
Participated by	38 students
Activity In charge	Mr. R. K. Mishra
Content	The survey was conducted to give hands on experience and ground exposure to the system & working of Panchayati raj institution as a system of local self-governance at grass root level.
Objective	To conduct socio economic survey of local population of Badowala
Outcome of the activity	The students were able to identify problems of local population as well the working system of panchayat.



STUDENTS OF DCAST CONDUCTING SURVEY FROM VILLAGE



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## **ECO-FRIENDLY CAMPUS INITIATIVES**

### **1. Solar Panels**



### **2. Gobar Gas Plant**





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### **3. Vermicomposting Unit – Reduced waste to usable fertilizer**



### **4. Inbuilt water fogger/sprinkler system in Polyhouses- To reduce water wastage in irrigation**



### **5. Rain Water Harvesting structure is installed in campus**





**SKILL DEVELOPMENT PROGRAMS**

<b>Training Program</b>	
<b>Name of Activity</b>	One-Day Training program on NPSS, Central Integrated Pest Management Center, Dehradun, Govt. of India.
<b>Organised by</b>	Department of Agriculture
<b>Date</b>	26 November 2024
<b>Venue</b>	Block A, Room no. 105.
<b>Participated by</b>	70 students
<b>Activity In charge</b>	Mr. R. K. Mishra and Dr. Roop Kishore Sharma
<b>Content</b>	The students and teachers were given detailed information regarding crop protection through the Artificial Intelligence based NPSS app. In the training program, <b>Dr. Nitin Kumar</b> (Asst. Plant protection Officer, C.I.P.M.C) and his team of CIPMC, Dehradun explained how students can play their role in saving farmers from crop loss by easily identifying crop diseases and pests on time through this app of the Government of India.
<b>Objective</b>	To conduct One Day Training program on use of NPSS Application to identify diseases in crops and their control measures.
<b>Outcome of the activity</b>	The students were able to identify crop diseases using the NPSS App. and they were bale to understand the importance of AI tools in agriculture field.



**Identification of Crop Diseases at Experimental Site (Poly House) using NPSS Application**



### SKILL DEVELOPMENT PROGRAMS

Group Discussion	
Name of Activity	Group Discussion on "Role of Women in development of Rural Society"
Organised by	Department of Agriculture and Management
Date	21 November 2024
Venue	Block A, Conference Room
Participated by	50 students
Activity In charge	Mr. R. K. Mishra and Mr. Anil Pundir
Content	Group discussion organised jointly by the Department of Agriculture & Management on "Role of Women in development of Rural Society" under lead guidance of Mr. R. K. Mishra-course instructor. The event was accordingly participated by the students of BSAG(Hons)-1 sem and B.B.A.-1 sem, batch 2024-28 along with coordinating faculty members. The event typically focused on developing skills for communication & team work in the participants.
Objective	To develop critical thinking, problem solving abilities, and to improve personality resulting in a dominant leadership quality
Outcome of the activity	The students were able to communicate effectively on social issues which will help acquire interview skills



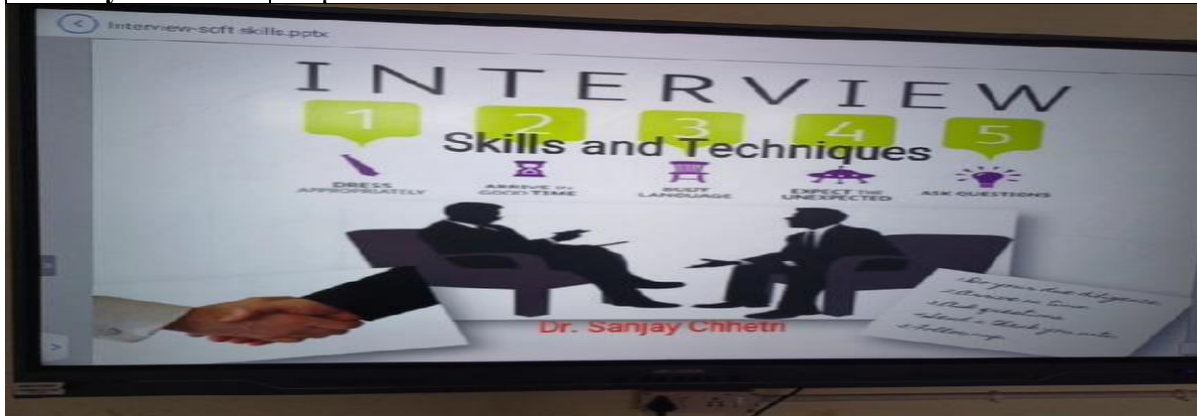
Group Discussion in presence of Panel





**SKILL DEVELOPMENT PROGRAMS**

<b>Mock Interview sessions</b>	
<b>Name of Activity</b>	Mock Interview
<b>Organised by</b>	Department of Management
<b>Date</b>	23 November 2024
<b>Venue</b>	Block A, Conference Room
<b>Participated by</b>	20 students
<b>Activity In charge</b>	Mr. Sanjay Chettri
<b>Content</b>	Mock Interview was organised by Department of Management as part of their NEP curriculum. Students were given some valuable interview feedback so they can improve their communication in future and develop self-confidence.
<b>Objective</b>	To develop critical thinking, communication, and to improve personality resulting in a dominant leadership quality.
<b>Outcome of the activity</b>	The students were able to communicate effectively which will help acquire interview skills.



**Mock Interview session**



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**IQAC Initiatives on environment sustainability**

<b>World Earth Day</b>	
<b>Name of Activity</b>	Guest Lecture on World Earth Day (Planet vs. Plastic)
<b>Organised by</b>	Department of Forestry
<b>Date</b>	22 April 2024
<b>Venue</b>	Block C DCAST
<b>Participated by</b>	70 students
<b>Activity In charge</b>	Mr. R. K. Mishra
<b>Content</b>	An expert lecture by Dr. Bhavtosh Sharma (Sr. Scientist, USERC) was organised by DCAST on World Earth Day. The theme of the program was "Planet vs Plastic". The program was in collaboration with USERC, Dehradun.
<b>Objective</b>	To conduct Awareness program about Plastic Pollution on Earth
<b>Outcome of the activity</b>	The students were able to understand the problem related to plastic and measures to manage and minimize plastic use.





World Food Day 2023	
<b>Name of Activity</b>	Quiz competition and Poster presentation on World Food Day 2023
<b>Organised by</b>	Department of Agriculture
<b>Date</b>	16 October 2023
<b>Venue</b>	Block A, DCAST
<b>Participated by</b>	34 students
<b>Activity In charge</b>	Ms. Namita Rani and Dr. Megha Panwar
<b>Content</b>	World Food Day was celebrated on 16 <sup>th</sup> October 2023 to create awareness and address the issues of food safety, security and combating hunger. The theme of the program was Water is life, Water is food, Leave no-one Behind. Quiz completion and poster presentation was organised by college.
<b>Objective</b>	To conduct Program on world Food Day to address issue about food safety and hunger through active participation of students.
<b>Outcome of the activity</b>	The students were able to understand the problems related to healthy eating and food safety.



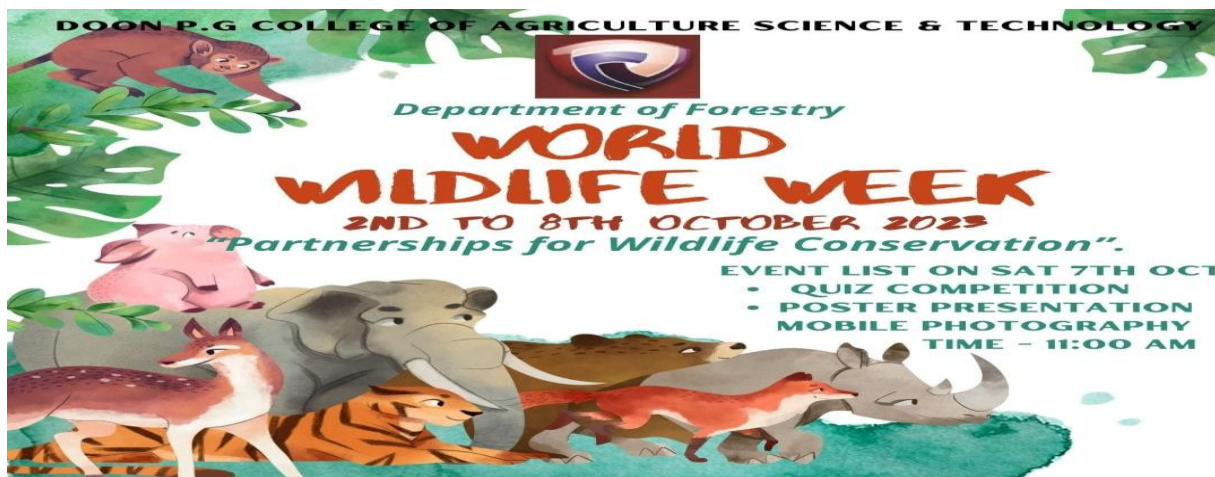


<b>Cleanliness Drive for Community</b>	
<b>Name of Activity</b>	Cleanliness Drive
<b>Organised by</b>	DCAST, Dehradun
<b>Date</b>	3 October 2023
<b>Venue</b>	Selaqui, Industrial Area
<b>Participated by</b>	50 students
<b>Activity In charge</b>	Dr. Roopkishore Sharma & Mr. R. K. Mishra
<b>Content</b>	The Swachh Bharat Mission, launched on October 2nd, 2014, by the PM, Shri Narendra Modi, aiming at achieving a clean and open defecation free India. Following the mission, the initiative of Swachhata Pakhwada was started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhata. DCAST observed the Cleanliness Drive in selaqui industrial area, Dehradun. The campaign involved students as well as all teaching & non teaching staff of the college with the intention to instill a sense & habit of cleanliness, hygiene and encouraging involvement of people especially students in community services. Major outcomes realised were collection and disposal of plastic wastes from open community space, removal of garbage and cleaning along public road and cleaning of campus area in Selaqui.
<b>Objective</b>	To conduct Cleanliness Drive at Selaqui Industrial area
<b>Outcome of the activity</b>	The students able to identify issues related to cleanliness.





<b>World Wildlife week (2<sup>nd</sup> to 8<sup>th</sup> October 2023)</b>	
<b>Name of Activity</b>	Quiz competition, wildlife photography and Poster presentation on World Wildlife Week 2023
<b>Organised by</b>	Department of Forestry, Dehradun
<b>Date</b>	2 <sup>nd</sup> to 8 <sup>th</sup> October 2023
<b>Venue</b>	Block D, DCAST, Dehradun
<b>Participated by</b>	40 students
<b>Activity In charge</b>	Dr. Vishakha Saxena
<b>Content</b>	In a bid to raise awareness about the importance of wildlife conservation, DCAST, Dehradun organized a week-long celebration of <b>World Wildlife Week</b> from 2 <sup>nd</sup> to 8 <sup>th</sup> October 2023. The event, packed with activities like quiz, poster and photography, aimed to educate students, staff, and the local community about the pressing need to protect our planet's rich biodiversity. The topic was "Partnership for wildlife conservation". organised by Department of Forestry. Students took active part in these competitions.
<b>Objective</b>	To address issues about wildlife conservation on world wildlife week
<b>Outcome of the activity</b>	The event was a resounding success, leaving participants motivated to contribute to wildlife conservation. By bringing awareness and fostering action, DCAST, Dehradun has taken a meaningful step toward preserving the planet's precious biodiversity for future generations.





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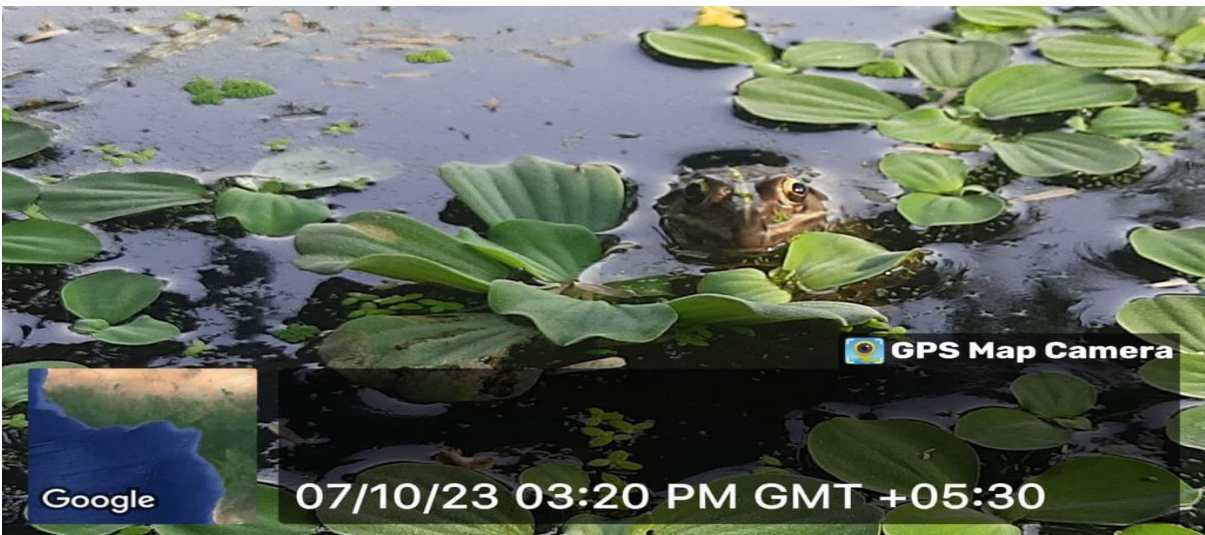
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World Food Day 2024	
Name of Activity	Poster Competition & Quiz competition
Organised by	Department of Agriculture
Date	16/10/2024
Venue	Block A, Agriculture Department
Participated by	30
Activity In charge	Ms. Kajal Srivastava & Ms. Namita Rani
Content	The activity was planned to celebrate the World Food day on 16 <sup>th</sup> October 2024. The theme of the program is “ <b>Right to Foods for a better life and better future</b> ”. Quiz and poster competition was successfully organised with maximum participation of students. The program helped students to showcase their skill and talent.
Objective	To help students gain confidence by showcasing their skill and talent through healthy competition.
Outcome of the activity	Students were made aware about issues about healthy eating and at the same time this event helped them to develop confidence by taking part in competitions.



POSTER COMPETITION



QUIZ COMPETITION



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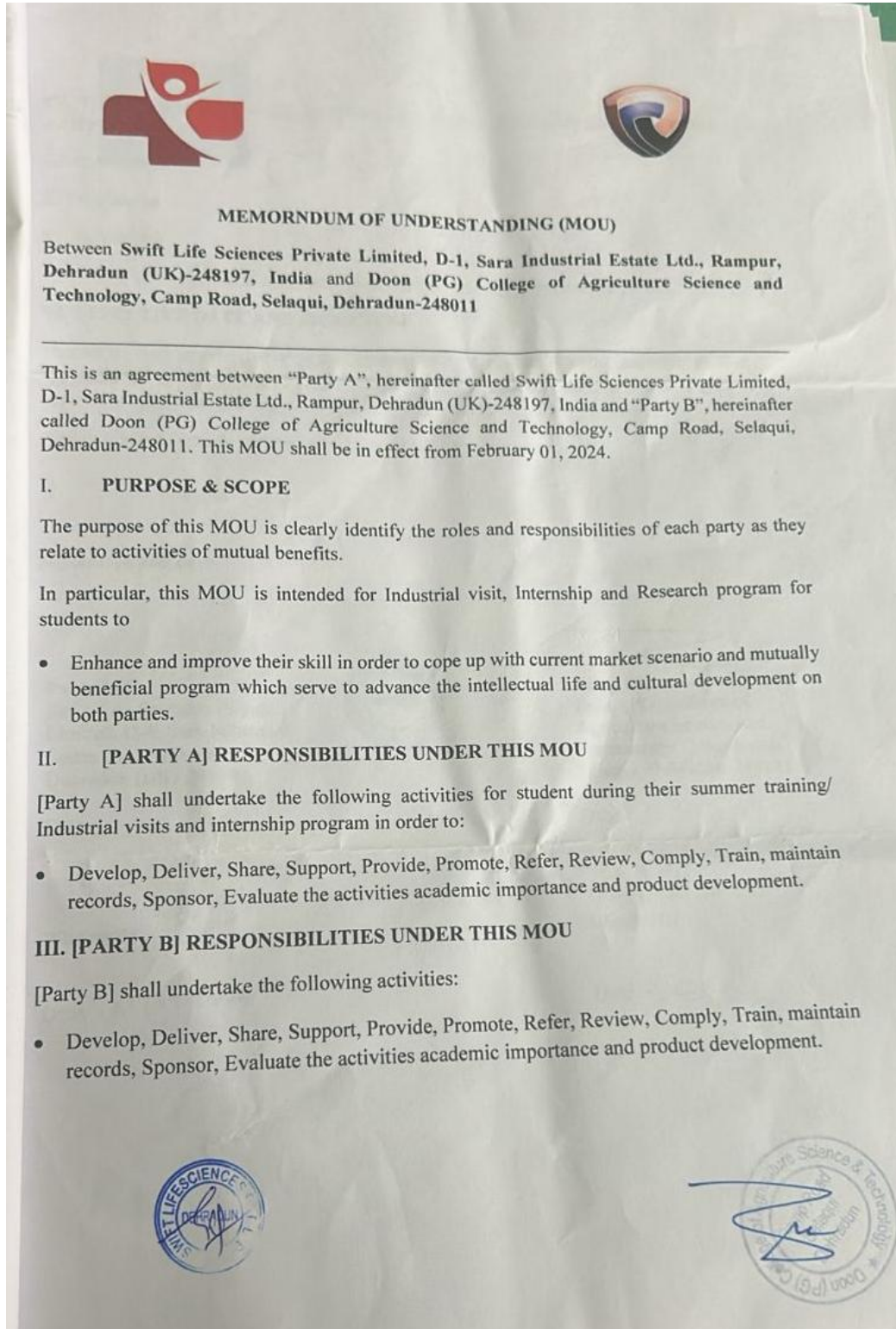
World Soil Day 2024	
Name of Activity	Poster Competition & Expert Lecture series
Organised by	Department of Agriculture
Date	5/12/2024
Venue	Block A, Agriculture Department and Block C (Auditorium Hall)
Participated by	70 students
Activity In charge	Dr. Meena Yadav
Content	The activity was planned to celebrate the World Soil day on 5 <sup>th</sup> December 2024. The theme of the program was <b>“Caring for Soils: Measure, Monitor and Manage”</b> . Poster competition was successfully organised with maximum participation of students. The program helped students to showcase their skill and talent. The highlight of the event was the expert lectures delivered by <b>Dr. Meena Yadav</b> , Assistant professor Department of Agriculture and <b>Dr. Sanjay Kumar, Principal Scientist, Krishi Vigyan Kendra Dhakrani, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand</b> both renowned in the field of soil science and environmental sustainability. In addition, a special initiative was undertaken to promote the use of <b>Soil Health Cards</b> . Farmers were educated on how to interpret their soil health reports
Objective	The program aimed at spreading awareness among students and faculty about soil conservation and its role in environmental sustainability..
Outcome of the activity	Students were able to understand impact of soil on our daily life and how to protect it from further damage by adopting sustainable practices.









## Collaborations of DCAST







**Memorandum of understanding (MOU)**

This Memorandum of understanding (MOU) is entered into on 01 April 2024 till 31 March 2029 by and between: Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) through its Academic Coordinator, Dr. Satish Kumar.

And

Sukman Infrasy's through its representative Mr. Nitin Jain (Proprietor) 13/11 Mahant Road, Laxman Chowk, Dehradun -248001, Uttarakhand

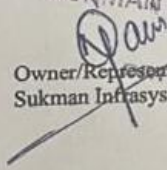
**Back ground:**  
Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) committed to environmental sustainability. Sukman Infrasy's specializes in waste management and the purchase of recyclable material.


**Purpose:**  
The purpose of the MOU is to establish a framework for collaboration between Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) and Sukman Infrasy's for the efficient management and purchase of scrap materials.



**Terms and Conditions:**

**Scrap Purchasing:** a. Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) and agrees to provide Sukman Infrasy's with scrap materials generated within its premises including paper, plastics metal and e-waste.  
b. Sukman Infrasy's agrees to purchase the scrap materials from Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) at a mutually agreed price, subjected to periodic review and adjustment.

**Waste management services:** a. Sukman Infrasy's agrees to provide waste management and segregation services to Doon (PG) College of Agriculture Science and Technology, Camp Road, Selaqui, DehraDun-248011(Uttarakhand) ensuring proper disposal and recycling of waste materials.

**For M/S Sukman Infrasy's**  
**Mr. Nitin Jain (Prop.)**  
  
Owner/Representative  
Sukman Infrasy's  
PROPRIETOR

**For Doon (P.G) College of Agriculture Science and Technology**  
**Dr. Satish Kumar**  
  
Coordinator (Admin)  
Doon (PG) College of Agriculture Science & Technology  
Camp Road, Selaqui, Dehradun  
(UK)

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