



Special Activities and New Initiatives

## Monthly Report of August 2023

# Doon University, Dehradun

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## Research and Innovation Cell, Doon University

[1] Department of Science and Technology (DST), Ministry of Science and Technology (Government of India) approved the grant of nearly Rs. 6.0 Crore on 3<sup>rd</sup> of August 2023 for establishing very first PURSE lab for the state of Uttarakhand in Doon University. Hon'ble Chancellor has already taken the cognizance of this fact. In appreciation of the R&D contributions of the performing universities, PURSE initiative is taken by Department of Science & Technology, Government of India to initiate value added proactive measures through introduction of R&D Incentive Grant. PURSE scheme provides substantive research grant to universities on based on scientific publications in Science Citation Indexed Journals through SCOPUS Database.



Ministry of Science & Technology  
Department of Science & Technology  
(R&D Infrastructure Division)

### **“Promotion of University Research and Scientific Excellence-**

SCOPUS incorporates the H-Index as a means to evaluate research performance. The H-index attempts to measure both the scientific productivity and the apparent scientific impact of a researcher. The index is based on the set of the researcher's most cited papers and the numbers of citation that they have received in other people's publication. The H-Index can also be applied to judge the impact and productivity of a group of researchers at a department or university.

[2] Doon University signed an MoU with International Center for AI and Cyber Security Research and Innovation Asia University CCRIAU, Taiwan for enhancement of academic and research collaboration between the two institutes on Aug 10, 2023. It is another significant milestone in the academic field of AI and Cyber Security. This MoU will be highly beneficial for the students and research scholars of Doon University. It will facilitate enhancing the cooperation between the two institutes in the field of artificial intelligence, cyber security, machine learning, internet of things, computer vision, health care, mobile security, cloud security, and adversarial machine learning.



Image: MoU signing Ceremony between Doon University India and CCRI, Asia University Taiwan



Image: MoU signing Ceremony between Doon University India and CCRI, Asia University Taiwan in presence of Doon University faculties and students



Image: Advanced Cyber Security Research (ACSR) Lab Team with Prof. B. B. Gupta, Director CCRI, Asia University Taiwan and Dr. Preeti Mishra, Mentor and Founder ACSR Doon University

In the MoU signing ceremony, CCRI Asia University, Taiwan Director Professor Brij B. Gupta was present in Doon University. Doon University is the first university in this state where International Conference in cyber security and AI domain will be organized in collaboration with Asia University Taiwan in the coming year. Students can apply for many fellowships to pursue research internship program and student exchange in Taiwan such as Taiwan International Internship Program (IIP) Fellowship, Taiwan Experience Education Program (TEEP) Fellowship, and Asia University Research funding. Faculty exchange program is also being provisioned under this MoU whereby the faculty of Doon University will be able to go to Asia University Taiwan and the faculty there will come for teaching in Doon University. The collaboration will be able to give multifarious results from which the students will be benefited. Advance Cyber Security Research Lab in Department of Computer Science, Doon University, has been established with a purpose to train the students in cyber security. This MoU will also facilitate the students pursuing cyber security and AI projects in their respective B.Sc (Computer Science) / B.Tech/ MTech/ Ph.D (Computer Science and Engineering) programme, to avail research internships opportunities to study in Taiwan's university for 3 to 6 months. In addition, under this MoU, cooperation and participation can be ensured in organizing workshops, national and international seminars and international conferences on topics of common interest related to cyber security and artificial intelligence.

[3] Doon University has signed MoU with Indian Institute of Science Education and Research (IISER) Pune on 29<sup>th</sup> August 2023. This MoU will pave the way and enable Doon University to carry out extension activities to support school-teachers of the state of Uttarakhand through iRISE (Inspiring India in Research Innovation and STEM Education) program (a joint and collaborative programme between the Department of Science & Technology, IISER Pune, British Council, Royal Society of Chemistry, and Tata Technologies). The programme supports the Government of India's

objective of building a nurturing ecosystem that promotes research and innovation in schools and universities by enriching DST's flagship program INSPIRE and INSPIRE Awards - MANAK. In addition, the programme provides a platform for industry and academic leaders to come together and strengthen innovation in India.



Shri Ravinath Raman, IAS, addressing the valedictory ceremony of iRISE program held in the month of May 2023

( Source: Garhwal Post. <https://garhwalpost.in/irise-prog-concludes-at-doon-university/> )

The programme started in October 2021 with four strands: Teachers Development Strand, Early Career Researcher, Thought Leadership Forum and CxO Forum. Under the Teachers' Development strand of the iRISE, so far IISER Pune has collaborated with the Central Board for Secondary Education (CBSE), Delhi, State Council for Education, Research and Training (SCERT), Maharashtra, and Bihar Education Project Council, Bihar to train secondary school teachers in inquiry and activity-based learning for STEM subjects.

### **Department of Physics, School of Physical Science**

- **Ms. Vidushi Singh Baghel got Ph.D. in Ewha Woman's University, South Korea**



- **Acceptance of Research Paper**  
Title: Modified hydrophobic and oleophilic polyurethane sponge for oil absorption with MIL-53, Authors: Isha Riyal, Gunjan Joshi, **Himani Sharma**, Charu Dwivedi
- **Acceptance of the submitted project proposal in INUP-i2i program in IIT Delhi**
- **Acceptance of DST-PURSE proposal of Rs. 6 crore submitted by Doon University**



Meeting of Hon'ble Vice chancellor of Doon University with Hon'ble Governor, Uttarakhand regarding DST-PURSE project

- Participation in the seminar on Digital interventions for strengthening higher education in Uttarakhand conducted by Veer Madho Singh Bhandhari Uttarakhand Technical University, Dehradun.

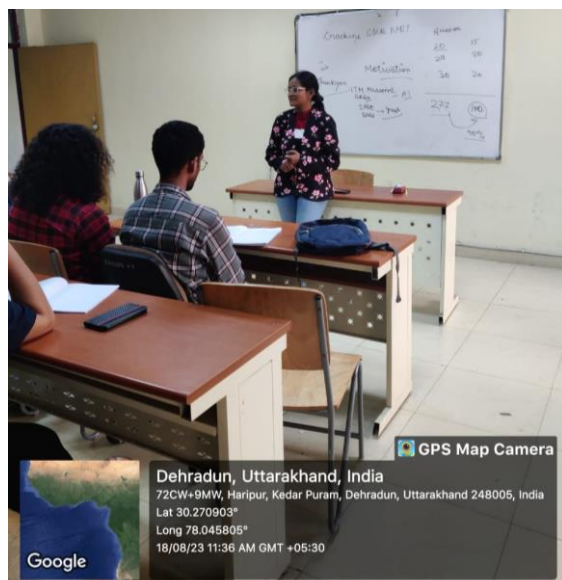


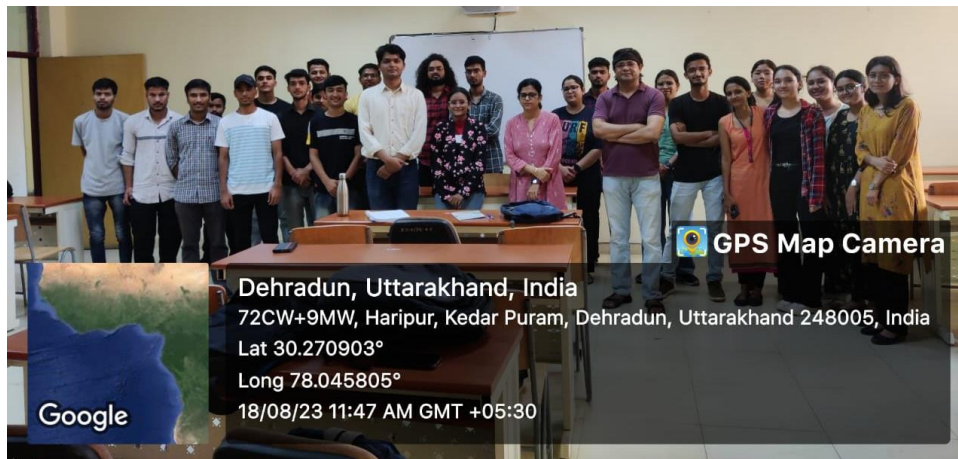
- The live telecast of soft landing of Chandrayan-3 by ISRO was organized in Doon University's senate Hall. The students and faculty members along with Hon'ble Vice Chancellor Prof. Surekha Dangwal attended the live telecast.



Hon'ble Vice Chancellor along with faculty members and students viewing the live telecast of soft landing of Chandryayan-3 by ISRO

- An orientation program was arranged by the Department of Physics in which the alumni students (Ms. Vidushi Singh Baghel and Mr. Anubhav Singh) interacted with the students related to career counseling, NET preparation and research opportunities outside India.





## **Pre-launch of Super-39 Coaching Centre: Orientation Programme**

### ***Doon University ready to offer a favorable environment for civil service aspirants***

Under the directive of Hon'ble Governor Lt. Gen. Shri Gurmeet Singh, the Super-39 Coaching Center aimed at preparing candidates for civil services examinations will start functioning in Doon University from the month of October. In the series, an orientation program was organized for prospective students on 25 August 2023 in Doon University.

During the workshop address, Professor Surekha Dangwal, the Vice Chancellor of Doon University, emphasized that the Doon University's center will provide guidance not only to its own students but also to others aiming to prepare for Civil Services Examinations or pursue a career in Civil Services. She expressed the University's commitment to establishing an environment that fosters opportunities for young individuals to exhibit their talents in alignment with their personalities. This dedicated center is envisioned as a means to actualize the aspirations of the youth, Prof. Dangwal added.



The special invitee on this occasion was Dr. Sushil Kumar Singh, the Director of Prayas IAS Study Circle in Dehradun. In his address Dr. Singh conveyed that the investment of time and resources in preparing for Civil Services Examinations is not mere expenditure; rather, it constitutes an investment that will yield significant returns in the future. He emphasized that dedicating resources to the pursuit of a substantial goal leads to rewarding and advantageous outcomes. Drawing on engaging examples, he highlighted the multiple stages of the Civil Services Examination and underscored the importance of possessing a strong personality. He characterized the examination as not merely a test but a mission, where success is attained by individuals with committed personalities. Dr.

Singh expressed his confidence that Doon University will play a supportive role in guiding students toward the fulfillment of their aspirations.

Professor Rajendra P Mamgain, Dean, School of Social Sciences & Coordinator of the University's Super-39 Civil Services Coaching Centre, emphasized that the establishment of this center eliminates

the necessity for the state's youth to seek preparation opportunities in other cities. Doon University is dedicated to consistently furnishing them with the essential resources and an environment aligned with their aspirations. The University's commitment lies in furnishing the finest resources through the Super 39 initiative. Professor Mamgain expressed confidence in successfully managing the center in accordance with the guidance of Chancellor of Doon University Lt. Gen. Gurmeet Singh ji.



The program was moderated by Professor HC Purohit, Head, School of Management, Doon University. Faculty members including Dr. Arun Kumar, Dr. Rashi Mishra, Dr. Savita Karnataka, Dr. Rajesh Bhatt, Dr. Rahul Saxena, Dr. Rakesh Bhatt, Ms. Harshita and Mr. Luv Mohan Sharma along with the candidates aspiring for civil services were present during the program.

### **National Counselling Psychology Day celebrated in Doon University**

Dehradun, Aug 17, 2023: Underlying the significance global relevance of the discipline of Psychology and mental health post Covid 19, the Doon University celebrated National Counselling Day today organized a series of awareness programmes attended by over 100 young psychologists.

Vice-Chancellor Prof. Surekha Dangwal said that there is an urgent need to run an awareness campaign related to psychology among the common people as in society there is still a sense of stigma attached to the persons with psychological problems.

“It is because of this perception of stigma and shame that people hide psychological problems and the issues take a formidable form. People suffer in silence while there is an urgent need to consult a psychiatrist or admit such persons in a hospital,” Professor Dangwal said adding that many psychological problems can be managed at an early stage if adequate care is taken and psychological counselling is conducted at the right time.

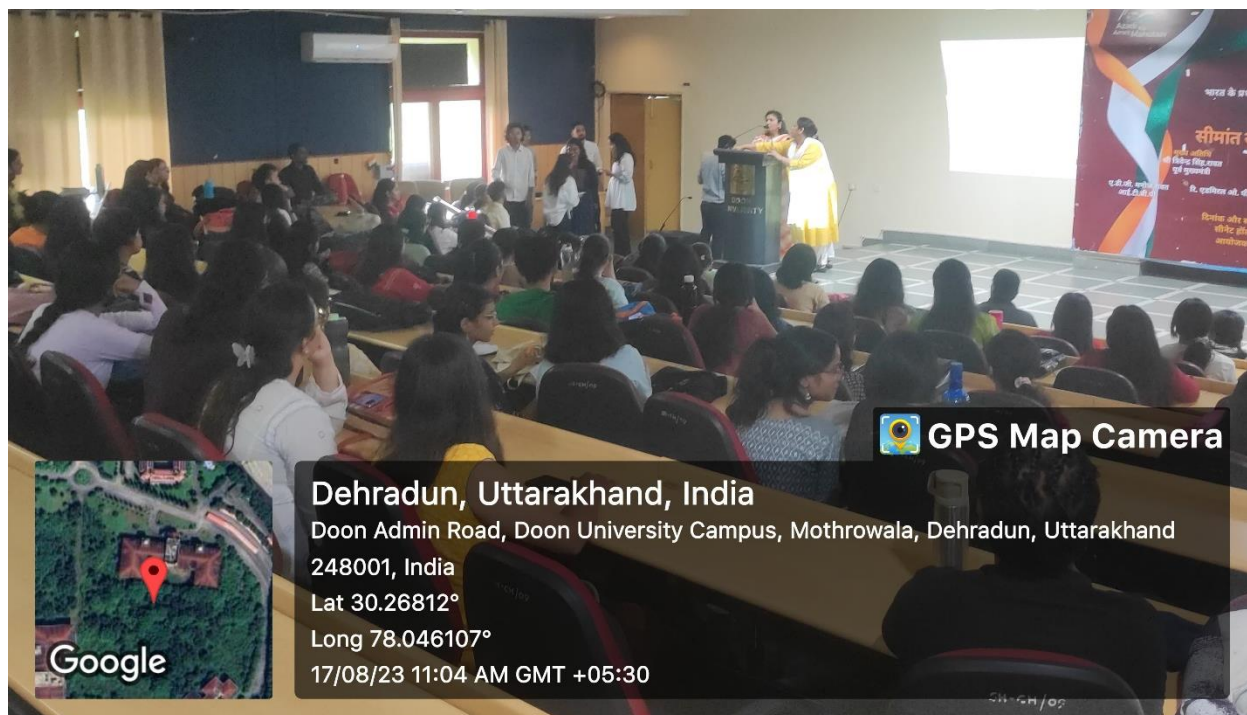
“Appointing a counsellor in every school is the need of the hour today. There are ample career opportunities and that is why there is a lot of craze among the students regarding the subject of psychology. As a result, there is a competition between the students taking psychology subject at Masters and Graduation level in Doon University and all the seats are filled up,” Prof. Dangwal said.

The main speaker in this program, Dr. Pawan Sharma emphasized the importance of training the brain in the right way. “Brain works on programming and that is why it is very important to pay attention to programming,” Dr. Sharma said.

Dr. Savita Karnataka, Chairperson of the Department of Psychology, said that training is very important in the field of counselling and that is why the Department keeps organizing training programs for the students.



In his address, Dr. Rajesh Bhatt said that National Counselling Psychology Day is celebrated every year on August 17 by the Indian Counselling Psychology Organization so that awareness can be spread among people on the significance of counselling.



In this program, the stage was conducted by the students of the department, in which Siddhant Kataria, Teesta Joshi, Bipasha, Samarth Kala, Vipul Singh etc. were included. During this program Dr. Swati Singh, Anjali Bhardwaj, Deepak Kumar, Anjali, Ayushi and others participated.

### Media Coverage

कुशल मनोवैज्ञानिक तैयार करना दून विश्वविद्यालय का लक्ष्य; प्रोफेसर सुरेखा डंगवाल <https://devbhoomikhabar.com/doon-university-aims-to-prepare-skilled-psychologists-professor-surekha-dangwal/>

दून विश्वविद्यालय में धूमधाम से मनाया गया राष्ट्रीय परामर्श मनोविज्ञान दिवस।

<https://jan-samvad.com/jan-samvad-137/> जन संवाद, सच की आवाज।



In a very short time, the Department of Psychology of Doon University is becoming popular among the students not only in Uttarakhand but from all over India. Foreign students are also taking admission in the psychology department. The main aim of the Department of Psychology is to prepare skilled psychologists.

## School of Design



### **Visit of 2nd Year Design Students to the newly Inaugurated Doon Library**

17th August, 2023 Second year design students from School of Design visited the newly inaugurated Doon Library with faculty Ms Swapnil Shah as part of their Space Design module. The students interacted with the Deputy Librarian of Doon Library who gave them a guided tour of the facilities. They also interacted with the staff and held discussions on problems of space utilization and space distribution. The Library has come up as a major hub for students and the youth of Dehradun. So it was a very beneficial visit for them.



### **Presentation on 'Ghar Ki Mukhiya' community participatory art project by Miss Kiran Dayal**

31st August, 2023 Miss Kiran Dayal is a fellow of the Indian foundation for the arts. She received funding from SBI for her work with rural communities in Madhya Pradesh on the Ghar Ki Mukhiya project of empowerment of women from self-help groups. Her talk was very relevant for those students who are looking to work in the social sector in the future. She presented her participatory work made in collaboration with her co-researchers in the village in Madhya Pradesh. It was a multimedia project using commonly available materials, repurposed into art.



### **Orientation talk by the startup 'Immortals' to school of designs students**

16th August, 2023 Mr Himalaya Ramola, an aluminous of Doon University and founder of the startup Immortals delivered a talk on entrepreneurship opportunities to the students of School of Design along with his head of Design Department, Miss Niharika Verma. The two speakers highlighted the eco-friendly and sustainable nature of the startup that is working with recycling Temple waste into environmentally friendly fabrics and plastics that can be put to use in many different industries. They also highlighted opportunities for internships and job prospects in the startup.