



Special Activities and New Initiatives

Monthly Report of July 2023

Doon University, Dehradun

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Half-Day Awareness & Sensitization Program on Prevention of Sexual Harassment at Workplace (PoSH) Act 2013

On 12th July 2023, A half day workshop was conducted by the Centre for Public Policy, Doon University for the faculty and staff on POSH Act 2013.



Nationally acclaimed educationist, corporate trainer and HR consultant Mr. Ajay Agarwal was the keynote speaker of the workshop. He briefly discussed the topic and created awareness about the "POSH Act 2013" and shared videos, presentations, casestudies and study material to study and spread awareness about the Act.

DST-PURSE meeting-2023

14 July 2023, Doon University participated in the DST-PURSE meeting-2023 hosted by Gauhati University. "Promotion of University Research and Scientific Excellence" (PURSE) is one of the flagship infrastructure programs of Department of Science and Technology (DST), which was commenced in the year 2009 exclusively for the University sector. Doon university participated in the final round of the meeting under the leadership of Hon'ble Vice Chancellor Prof. Surekha Dangwal along with the team of 3 faculty members. Hon'ble Vice Chancellor of Doon University presented the outlook of the University along with the details of all the schools and departments. She presented the various research activities established in Doon University.

The main objective of the scheme is to strengthen the research capacity of performing Indian Universities and provide support for nurturing the research ecosystem and strengthening the R&D base of the Universities in the country. Department of Science & Technology has restructured and re-oriented PURSE in the year 2020. A combination of I₁₀ index of faculty members in the University, H index of the University along with NIRF Ranking is used to formulate the new criteria for selection of Universities under PURSE. Universities have been encouraged to carry out Mission mode research activities to focus on thrust areas which align with National priorities of Excellence in Manufacturing, Waste processing, Clean Energy, Water and Start up India.

In the meeting highly renowned subject experts from different science and engineering backgrounds joined from various academic and research institutions of India. Doon University is the only University in Uttarakhand selected for the final meeting along with 12 other universities across India.

School of Design

Two students of School of Design M. Des. Mr. Yash Dutt Sharma and Miss Sneha Negi have been accepted to Coventry University, UK for the masters in Design Program. Coventry University is reputed internationally for its excellent design programs. Yash will be pursuing Masters in transportation design and Sneha will be specialising in Masters in interior design.

Miss Divya Rawat of School of Design has also qualified in the national entrance test for IIIT Jabalpur, to do her Masters in design IIIT Jabalpur is one of the top most design colleges of India with a very rigorous program in product design. Students from IIIT get excellent campus placements in leading industries.

A research paper on the weaving crafts of Uttarakhand was published in Special Edition on Himalayan Studies: Literature, Society and Globalization, Litinfinite Journal, Vol-5, Issue-1| July, 2023 by School of Design faculty Ms Dhriti Dhaundiya and Hon'ble Vice Chancellor Prof Surekha

Dangwal. Journal is widely respected and indexed by the MLA Directory of Periodicals & MLA International Bibliography, DOAJ, EBSCO, ProQuest, SCILIT, Ulrichsweb & Ulrich's Periodicals Directory, ICI World of Journals, J-Gate, JISC, ERIH PLUS & Others.

Inauguration of the E-Library of Doon University, Dehradun

19th July 2023, The e-library was inaugurated by the Hon'ble Governor Sir at the Raj Bhawan, on the occasion faculty members and officials of Doon University, and the officials of the Raj Bhawan were present.



The program started with a welcome address by the Vice-Chancellor of Doon University, extending a warm greeting to Governor Sir and providing an overview of the e-library and the university's initiative to align with the Digital India movement. She highlighted that the newly developed E-Library serves as a centralized platform, offering streamlined access to all library resources. This eliminates the need to navigate through multiple websites, saving valuable time and energy.

Following the Vice-Chancellor's introduction, University Librarian Prof. Ashish Kumar delivered a detailed presentation

on the e-library. He shared that the e-library offers a diverse range of resources, including e-theses (781,269), educational videos (124,019), e-books (18,371), e-Journals (12,253), e-magazines (4,224), e-newspapers (2,979), 10 databases, and 15,503 audiobooks. The E-library also includes university publications such as reports, dissertations, question papers, and theses. Additionally, the library provides access to anti-plagiarism software, namely URKUND and Turnitin, as well as platforms like IRINS for faculty profiles, University ILMs, and ShodhChakra for research scholar profiles.

During the event, the Hon'ble Governor Sir addressed the faculty members and officials, emphasizing the importance of libraries as gateways to unexplored realms, wielding significant influence over everyone. The very mention of the word "library" carries positive connotations, evoking wonder and curiosity.

In the modern digital age, libraries face challenges due to technological advancements. Communication technology has revolutionized information access and consumption. People now seek information on their mobile devices, posing a significant challenge for libraries. To adapt, libraries must embrace digital resources, e-books, and online databases, while still valuing and preserving traditional print collections.

Libraries also grapple with the task of meeting diverse user needs and expectations. Today's users demand convenient information access, personalized services, and prompt responses to their queries. Libraries must rise to the occasion, offering services and resources tailored to their communities' unique requirements.

However, libraries face not only technological and demand changes but also budget constraints and rising knowledge resource costs. They must prioritize curating freely available resources and engaging in resource sharing with other institutions. By collaborating and optimizing resource allocation, libraries can continue providing invaluable knowledge and learning opportunities to all.

In this context, the development of the E-Library by the Central Library at Doon University is a commendable initiative. It's heartening to learn that the Doon University e-Library boasts an extensive collection of over 900,000 e-resources. This initiative empowers students with access to thousands of resources right in their pockets, available anytime and anywhere. The inclusion of over 7,000 foreign-language newspapers and magazines aligns with the School of Language's focused effort to enhance students' understanding of the current affairs of the countries under study.



In conclusion, libraries transcend being mere repositories of books and knowledge. They are dynamic, essential institutions that unlock doors to uncharted territories, fueling curiosity and lifelong learning. It's crucial for libraries to adapt, innovate, and remain beacons of enlightenment. Let's acknowledge and support the pivotal role libraries play in society, ensuring their continued growth and accessibility for generations to come.

The inauguration concluded with a vote of thanks from Doon University Registrar Dr. M S Mandrawal. The

event was attended by several dignitaries, including Additional Secretary Swati Bhadauria, Finance Controller Trupti Srivastava, Raj Bhavan staff members, and various faculty members from Doon University, including Prof. H C Purohit, Dr. Rajesh Kumar, Dr. Suneet Naithani, Dr. Arun Kumar, Dr. Rajesh Bhatt, Dr. Udita Negi, Dr. Prachi Pathak, Dr. Smita Tripathi, Dr. Preeti Mishra, as well as Narendra Lal, Mukesh Kumar, Sanjay Ghildial, and others.

Department of Psychology, School of Social Sciences

the faculty members of the Department of Psychology actively participated in a Faculty Development Programme (FDP) on UHV (Universal Human Values) sponsored by AICTE. The FDP aimed to enhance teaching methodologies, research skills, and professional development opportunities for our esteemed faculty. It was conducted over 3 days from 26 July to 28 July 2023. It included various workshops, seminars, and guest lectures by renowned experts in the field. The major goal of this FDP was to facilitate the development of a conducive environment toward Holistic, Values-based Education (HVBE) at our Institution, and this conducive environment eventually helped prepare the next generation of competent students/ citizens.

Published works in the month of July:

“Intersection of Online Violence, Mindfulness Traits and Self-Esteem in Multifaceted Dimensions among Marginalized Females in Uttarakhand: An Extensive Study”. Ms. Ayushi Pandwal

Pandwal, A. (2023). Intersection of Online Violence, Mindfulness Traits and Self-Esteem in Multifaceted Dimensions among Marginalized Females in Uttarakhand: An Extensive Study. *The Review of Contemporary Scientific and Academic Studies*, 3(7). <https://doi.org/10.55454/rcsas.3.07.2023.004>

“Environmental Sustainability Can be Predicted by Mindfulness: Extensive Study Examining Mindfulness Traits and Pro-Environmental Behavior”. Ayushi Pandwal, Dr. Rajesh Bhatt

Pandwal, A. & Bhatt, R. (2023). Environmental Sustainability Can be Predicted by Mindfulness: Extensive Study Examining Mindfulness Traits and Pro-Environmental Behavior. *International Journal of Indian Psychology*, 11(3), 421-429. DIP:18.01.039.20231103, DOI:10.25215/1103.039

“A comparative study on the levels of the modernization between male and female students of Dehradun”. Rashmi Tyagi, Rajesh Bhatt, Vishaka Karkwal

Research Performed:

An empirical study was performed in the Joshimath area of the Chamoli district studying the traumatic experience, automatic thoughts, and mindfulness among the Joshimath resident’s aftermath of the landslide tragedy in order to study the psychological consequences of tragedy among the residents. Data on Schedule Caste and Schedule tribe was collected in Dehradun and Chamoli districts in order to study cognitive distortions, mindfulness, and perceived discrimination in them. Further, data was collected from the Jammu district in order to access their emotional abuse levels and Qualitative research was conducted in Haldwani, Uttarakhand in order to study psychopathology in adults through a clinical case history.

The students and scholars in the Department of Psychology are consistently achieving academic heights. Recently Ms. Anjali Suyal, a research scholar in the Department of Psychology cleared the NET examination.

Dept. of Chemistry, School of Physical Science

[1] Mr. Suraj Purohit (Student, Department of Chemistry) qualified joint CSIR-UGC NET (LS) June 2023 examination with All India Rank 48 (AIR 48).



Mr. Suraj Purohit

[2] Ms. Anupma Tyagi (Student, Department of Chemistry) became the recipient of highly prestigious, highly competitive and national level DST-INSPIRE Fellowship in July 2023. This fellowship is given by the Department of Science and Technology (Ministry of Science and Technology, Government of India) to highly meritorious and selected students for a period of 05 years for pursuing research in PhD program. The scholar is treated as Junior Research Fellow (JRF) for first 02 years, and Senior Research Fellow (SRF) for next 03 years.



Ms. Anupma Tyagi

[3] Ms. Deepali Sharma (who was the student of 2016 batch of integrated M.Sc. chemistry at Department of Chemistry in Doon University) became the recipient of highly prestigious, highly competitive and national level DST-INSPIRE Fellowship in July 2023. Department of Science and Technology (Ministry of Science and Technology, Government of India) will provide her with this fellowship for a period of 05 years for pursuing research in PhD program at Department of Chemistry at Indian Institute of Technology (IIT) Mumbai. She will be treated as Junior Research Fellow (JRF) for first 02 years, and Senior Research Fellow (SRF) for next 03 years.



Ms. Deepali Sharma

[4] Department of Chemistry made the following publication in *New Journal of Chemistry*, an international journal of high repute:

Nucleophilic substitution reaction as an important tool in the synthetic protocol for selenium donor containing Schiff bases: applications of metal complexes in homogeneous catalysis.

Anupma Tyagi, a Suraj Purohit, Preeti Oswal, Saumya Rawat, Varsha Negi, and Arun Kumar, *New J. Chem.* 2023, 47, 12511.

Dept. of Physics, School of Physical Science

1. Acceptance of research paper in **Advances in Space Research** entitled “Low latitude ionospheric TEC response to the solar flares during the peak of solar cycle 24” Authors: Suniti Saharan, Ajeet K. Maurya, A. Dube, Omkar M. Patil, Rajesh Singh, Himani Sharma (**IF-2.6**)
2. Acceptance of research paper in **Materials Proceedings** entitled Temperature Dependence Raman Spectroscopy Studies of CVD Grown Few Layer MoS₂ Triangular Domains. Authors: Saurabh Rawat, Priyanka Bamola, Monika Bisht, Bhuvan Singh Bhandari, Charu Dwivedi, Himani Sharma (**IF-1.0**)
3. Mr. Anubhav Kumar Singh (Integrated MSc Physics) qualified CSIR NET-JRF with 68th AIR.



4. Mr. Daya Krishan Purohit (Integrated MSc Physics) got selected for Ph D in IISc Bangalore.
5. Ms Shweta Joshi (MSc Physics) got Ph.D. in George Washington University USA.

School of Environment and Natural Resources

Dr. Vijay Sridhar attended UNDP sponsored Training programme on “Capacitating civil servants at the municipal level on ***Green and low carbon smart Cities in Uttarakhand***” organised by IIFM, UNDP, UNITAR and ATI Nainital at ATI Nainital during 9th July to 13th July 2023.

Dr. Vijay Sridhar delivered an Expert Lecture on “Air Pollution and Health” in one-week Training program on Environmental Technology organised by USERC, DIST Govt. of Uttarakhand during 14.07.2023.

Prof. Kusum Arunachalam participated as an expert in the panel discussion titled “Environment Sustainability and Climate Change in the Himalayan Region: Protecting a Fragile Ecosystem” on 26th July 2023 held at University of Petroleum & Energy Studies, Dehradun.

Prof. Kusum Arunachalam participated as Subject Expert Committee (SEC) member of Life Sciences under ‘WISE-Post Doctoral Fellowship (WISE-PDF)’ Program of DST on 21st July.

Dr. Vijay Sridhar participated as expert / Institute of Repute (IoR) for Sunder Nagar (Himanchal Pradesh) in meeting held on 20 July 2023 to review the final reports of “Source Apportionment Studies” of seven Non-Attainment Towns, submitted by Indian Institute of Technology, Kanpur under Chairmanship of Member Secretary HP State Pollution Control Board.

School of Environment & Natural Resources successfully conducted Practical's of 60 students of M.Sc. Environmental Science for IGNOU learner's during 8th July to 16th July.

Paper Published

Sobha Bhatt & Kusum Arunachalam , Ethnomedicinal diversity and traditional knowledge system of the Jaunsari tribe in Uttarakhand in Proceedings of the National Academy of sciences India Section B: Biological sciences.