

ANNUAL REPORT
2022 – 2023



DOON UNIVERSITY
DEHRADUN

Doon University, 2023
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1. Prof. Rajesh Kumar, School of Media & Communication Studies

Doon University, Dehradun
Kedarpur, Mothrowala Road
P.O. Ajabpur
Dehradun - 248001

Printed by: Maya Web, Dehradun: +91-7017135949

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MESSAGE FROM The Vice Chancellor



Established by the Government of Uttarakhand by an Act of State Legislature in 2005 with a mandate to provide quality education and to emerge as a Centre for Excellence in higher education, The Doon University is constantly striving to establish new landmarks with the support of its academic and non-teaching staff members. Recognized under Section 12(B) of UGC Act and NAAC accredited, the Doon University is now entering into its sixteenth year.

Doon University has adopted New National Education Policy 2020 from its academic session 2022 offering a Four-Year Bachelor Programme in different disciplines and fields of studies with multiple entry and exit options at different levels, viz., Certificate, Diploma, Bachelor Honours and Bachelor with Research Degrees. The University has a pride of having very modern physical and research infrastructure which has gradually but steadily improved over past few years. The University has well equipped classrooms, state of art laboratories and computer facilities. Our sports stadium has facilities for basketball, tennis, volleyball, football and cricket. A multipurpose indoor hall, especially for badminton and table tennis, is also available from this year to the University students and faculty. In addition, well-equipped gyms are also available in hostels for both girls and boys. The University has added one more girls hostel with generous support from State Government.

Having a highly qualified, experienced and dedicated faculty members the university is constantly engaged in the pursuit of excellence in different domain of study. We continue to establish collaborative partnerships with business, government, other research institutions as well as various agencies and civil society organizations. We also keep on inviting eminent scholars and scientists to deliver lectures and impart training to the students to keep the students tuned with emerging requirements in teaching, research, profession and industry.

With best wishes

(Prof. Surekha Dangwal)

2. About Doon University

The idea of Doon University draws its elements from huge deficit that the state of Uttarakhand has been experiencing in the area of excellence in higher education. The Doon University Bill, 2005 (Uttaranchal Adhiniyam Sankhaya 18 of 2005) was passed by the Uttarakhand Legislative Assembly and by the Governor on April 23, 2005. It was published in the Uttarakhand Gazette on April 26, 2005. On 9th May 2009 its Statutes were approved and the University started its first academic session on 6th August 2009. The spirit of the Act is to create an autonomous and accountable institution of higher learning. Accordingly, the University intends to impart socially and economically relevant education. It also aims to provide lead in frontier areas of research and methods of pedagogy. Indeed, the mandate is huge and challenging.

2.1. University Vision

In accordance with the provision in Section 5(1) of the Act, Doon University shall become a Centre of Excellence in the chosen areas of studies, and shall carry out research for the advancement and dissemination of knowledge. Such an effort shall be benchmarked with the best in the country and globally. The Doon University will be known for:

- Student and learning-to-learn centered pedagogy supported by a community of eminent research scholars.
- Leadership through collaborative educational ventures &
- Value-based learning

2.2 University Mission:

The University shall work to achieve the following

- State-of-the-art educational programmes in cutting-edge disciplines of regional, national and international relevance
- Conduct high quality and multidisciplinary research to expand the boundaries of the knowledge in the chosen areas and
- Provide a challenging and conducive environment for scholars and researchers to engage in pursuit of excellence

2.3. Character of the University

In consonance with the spirit of Doon University Act, the character of the University can be as summarized below:

- Centre of excellence in higher studies, sensitive to the requirements of society and having twinning arrangements with leading universities/institutions to offer joint programmes in teaching and research.
- Students to be drawn from across the country and abroad, especially from the developing countries besides from Uttarakhand.
- Selection of the students to various academic programmes to be made strictly on the basis of merit and aptitude.
- Recruitment of high-quality faculty from across the country.

2.4. Pedagogy at Doon University:

The pedagogical approach is premised on basic recognition that pedagogical choice for the twenty-first century must reflect the changing educational, technological, professional, societal needs and aspirations. This recognition and its acceptance in turn requires/demands a shift from traditional forms of only classroombased and teacher-centered instructions to more holistic approach to acquiring knowledge and skills appropriate for the times which is achieved through four key elements of the pedagogical orientation namely: Active learning, Learning beyond the classroom, Education for profession and Career skills. This has been achieved through the following:

- Advisor for each student for close student-teacher interaction
- Tutorials-learning beyond classrooms
- Continuous evaluation through seasonal seminars, projects, assignments, tests/quizzes
- FieldStudy/Summer Internship for third Semester students for first hand professional experience and hands-ontraining.
- Dissertation in fourth Semester for enhancing analytical capacity and research aptitude in students

3. Governance Structure Of The University

3.1 The University Court

The Court is the supreme authority of the University and has the power to review the acts of the Executive Council and the Academic Council. The composition of the University Court is given in Annexure-1.

3.2. The Executive Council of Doon University (EC)

The Executive Council is the highest executive body of the University (Annexure II). The Executive Council has an institutional oversight role and coordinates in giving a strategic direction to the University. It has the responsibility of upholding the dignity and unity of the University; and of advising the vice Chancellor on policy matters affecting the University as a whole. The Executive Council awards scholarships, medals and other rewards in accordance with the statutes and ordinances. The Council also oversees the appointment of teachers, officers and other employees of the University and defines their duties and the conditions of service.

Key Decision taken by the Executive Council

- Approved the minutes of the 21st meeting of the Finance Committee held on 7th June 2022.
- Approved the proposal of introducing Integrated M.Sc. in Food and Nutrition and approved creation of post as per UGC norms which is 1 Professor, 2 Associate Professor, 4 Assistant Professor and non-teaching staff positions.
- Approved recommendations of selection Committees for selection of Chair Professor, Dr. Ambedkar Chair, Assistant Professors in Geology and Geography.
- Approved implementation of National Education Policy 2020 and admission taken by the University in the new session as per the provisions

of NEP 2020.

- Approved to hold the 3rd Convocation of Doon University in the month of December.
- Approved the resolutions made by the Finance Committee in its 22nd meeting of the Finance Committee held on 8th November 2022.

Approve the recommendations of the Selection Committee for appointment of Dean, School of Social Sciences. The Committee recommended Prof. R. P. Mamgain, Prof. and Head, Dept. of Economics to be appointed to the Post of Dean, School of Social Sciences, Doon University.

3.3 Academic Council (AC) of Doon University

The Academic Council (AC) is the custodians of academic activities of the University (Annexure III). It is vested with powers to propose, establish and abolish Faculties, Departments, and institutions, inter-disciplinary Research Centers, specialized Laboratories and Libraries etc. The Academic Council is also vested with the powers to recommend to the Executive Council the creation and abolition of teaching posts in the University, draft regulations on admission and examinations, appoint examiners, confer honorary degrees and recommend institution of fellowships and scholarships etc. The current composition of the Academic Council of Doon University is given in Annexure III.

Key Decision taken by the Academic Council

- Approved syllabus for various undergraduate degree programmes prepared in view New Education Policy.
- Approved Syllabus for Value Addition

Course and Ability Enhancement Course prepared as the requirement of NEP.

➤ Approved. following Policies

1. Doon University Incentivization Policy entitled “*Encomium*”
2. Anti-Drug and Student's Empowerment Campaign in the University
3. Doon University Research Policy & Research Ethics
4. Doon University Consultation Policy
5. Doon University Incentivization Policy entitled “STIMULUS”
6. Policy for Anti- Ragging Committee
7. Centre of Innovation, Incubation, Entrepreneurship and Industrial Relations
8. Divyangjan Policy
9. Policy for Anti-Sexual Harassment Committee & Gender Sensitization
10. IT Policy & Maintenance Policy
11. Revision in Vision and Mission of the University.
12. Infrastructure Maintenance Policy
13. Centre for Wellness
14. Happiness Laboratory
15. Yoga Health Care Centre

3.4 Finance Committee (FC)

The Finance Committee of the University considers the annual accounts, financial estimates and expenditure proposals. The annual accounts and estimates of the university, duly approved by the Finance Committee, are submitted to the Executive Council for approval. The composition of the existing Finance Committee of Doon University is given in Annexure-IV

3.5 Officers of the University

1. Prof. Surekha Dangwal, Vice Chancellor
2. Dr. M.S. Mandrawal, Registrar
3. Shri Har Singh Baunal, Finance Controller

4. Academic Achievements

4.1. First Academic Session (2009-2010)

The first Academic Session of Doon University was inaugurated by then Honorable Chief Minister of Uttarakhand, Dr. Ramesh Pokhriyal "Nishank" on 6th August, 2009. The session started with the intake of 77 students in M.Sc. (Environmental Science) in School of Environmental and Natural resource and M.A. (Communication) in School of Communication. The students for both the programmes were selected through competitive entrance test conducted in Dehradun on 19th July, 2009.

4.2. Second Academic Session (2010-2011)

During the academic session 2010-2011, admissions were offered in the following eight Academic Programmes and a total of 180 students were admitted:

1. M.A. Communication [School of Communication]
2. M.Sc. Environmental Science [School of Environment and Natural Resources]
3. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
4. M.A. Economics [School of Social Sciences]
5. M.A. German (Five yr integrated Program) [School of Languages]
6. M.A Spanish (Five yr integrated Program) [School of Languages]
7. M.A Chinese (Five yr integrated Program) [School of Languages]
8. MBA [School of Management]

The admissions for all above program except for MBA were based on the entrance test conducted on 13th June, 2010 at five centres viz; Dehradun, Haldwani, Lucknow, New Delhi and Gauhati. For MBA programme, the admissions were based on the group discussion of the candidates having valid MAT/CAT score on June 19-June 20, 2010. The students were

admitted in the varsity not only from Uttarakhand, but also from the other states (West Bengal, Assam, Sikkim, and Haryana) for the first time.

4.3. Third Academic Session (2011-2012)

The admissions were offered in the following eleven Academic programs for the academic session 2011-2012. A total of 205 students were admitted:

1. M.A. Communication [School of Communication]
2. M.A. Communication (5 years Integrated programme) [School of Communication]
3. M.Sc. Environmental Science [School of Environment and Natural Resources]
4. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
5. Ph. D. Environmental Science [School of Environment and Natural Resources]
6. M.A. Economics [School of Social Sciences]
7. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
8. M.A. German (5 years Integrated Programme) [School of Languages]
9. M.A. Spanish (5 years Integrated Programme) [School of Languages]
10. M.A. Chinese (5 years Integrated Programme) [School of Languages]
11. MBA [School of Management]

4.4. Fourth Academic Session (2012-2013)

Admissions were offered in the following eleven academic programs for the academic session 2012-2013 and a total of 194 students were admitted:

1. M.A. Communication [School of Communication]
2. M.A. Communication (5 years Integrated programme) [School of Communication]
3. M.Sc. Environmental Science [School of Environment and Natural Resources]
4. M.Sc. Natural Resource Management [School of Environment and Natural Resources]

5. Ph. D. Environmental Science [School of Environment and Natural Resources]
6. M.A. Economics [School of Social Sciences]
7. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
8. M.A. German (5 years Integrated Programme) [School of Languages]
9. M.A. Spanish (5 years Integrated Programme) [School of Languages]
10. M.A. Chinese (5 years Integrated Programme) [School of Languages]
11. Masters in Business Administration [School of Management]

4.5. Fifth Academic Session (2013-2014)

Admissions were offered in the following academic programs and a total of 359 students were admitted:

1. M.A. Communication [School of Communication]
2. M.A. Communication (5 years Integrated programme) [School of Communication]
3. M.Sc. Environmental Science [School of Environment and Natural Resources]
4. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
5. M. Tech Environmental Technology [School of Environment and Natural Resources]
6. Ph. D. Environmental Science [School of Environment and Natural Resources]
7. M.A. Economics [School of Social Sciences]
8. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
9. M.A. German (5 years Integrated Programme) [School of Languages]
10. M.A. Spanish (5 years Integrated Programme) [School of Languages]
11. M.A. Chinese (5 years Integrated Programme) [School of Languages]
12. M.A. Japanese (5 years Integrated Programme) [School of Languages]
13. 2 years Masters in Business Administration [School of Management]
14. 5 years Integrated Masters in Business Administration [School of Management]

The admissions for all the above mentioned programmes were carried out through an entrance

exam except for MBA. The entrance exam was conducted on July 14, 2013 at five centres viz., Dehradun, Haldwani, Lucknow, New Delhi, and Guwahati. For MBA programme, the admissions were based on the group discussion of the candidates having valid MAT/CAT score.

4.6. Sixth Academic Session (2014-2015)

Admissions were offered in the following academic programs:

1. M.A. Communication [School of Communication]
2. M.A. Communication (5 years Integrated programme) [School of Communication]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]

4.7 Seventh Academic Session (2015-2016)

Admissions were offered in the following academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in opto electronics
24. 2 years M.Sc. in Mathematics

25. 4 Years Bachelor in Design Degree (B Des)

4.8 Eight Academic Session (2016-2017)

Admissions were offered in the following academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in opto electronics

24. 2 years M.Sc. in Mathematics
26. 4 Years Bachelor in Design Degree (B. Des.)

4.9 Ninth Academic Session (2017-2018)

Admissions were offered in the following academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in opto electronics

24. 2 years M.Sc. in Mathematics
25. 4 Years Bachelor in Design Degree (B Des)

4.10 Tenth Academic Session (2018-2019)

Admissions were offered in the following academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in opto electronics

24. 2 years M.Sc. in Mathematics
25. 4 Years Bachelor in Design Degree (B Des)

4.11 Eleventh Academic Session (2019-2020)

Admissions were offered in the following fifteen academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in

opto electronics

24. 2 years M.Sc. in Mathematics
25. 4 Years Bachelor in Design Degree (B. Des.)

4.12 Twelfth Academic Session (2020-2021)

Admissions were offered in the following fifteen academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application [School of Technology]
20. 5 years integrated M.Sc. in Chemistry
21. 5 years integrated M.Sc. in Mathematics
22. 5 years integrated M.Sc. in Physics
23. 2 years M.Sc. in Physics with specialization in

- in opto electronics
- 24. 2 years M.Sc. in Mathematics
- 25. 4 Years Bachelor in Design Degree (B. Des.)
- 26. 5 Years Integrated Masters in Biological Sciences
- 27. 2 Years Masters in Social Works
- 28. 2 Years Masters in Geography
- 29. 2 Years Masters in Geology

4.13 Thirteenth Academic Session (2021-2022)

Admissions were offered in the following fifteen academic programs:

1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]
8. M.A. Economics [School of Social Sciences]
9. M.Sc. Economics (5 years Integrated Programme) [School of Social Sciences]
10. M. Phil Economics [School of Social Sciences]
11. M.A. German (5 years Integrated Programme) [School of Languages]
12. M.A. Spanish (5 years Integrated Programme) [School of Languages]
13. M.A. Chinese (5 years Integrated Programme) [School of Languages]
14. M.A. Japanese (5 years Integrated Programme) [School of Languages]
15. M.A. French (5 years Integrated Programme) [School of Languages]
16. 2 years Masters in Business Administration [School of Management]
17. 5 years Integrated Masters in Business Administration [School of Management]
18. Ph. D. Management [School of Management]
19. 5 years Masters in Computer Application

- [School of Technology]
- 20. 5 years integrated M.Sc. in Chemistr
- 21. 5 years integrated M.Sc. in Mathematics
- 22. 5 years integrated M.Sc. in Physics
- 23. 2 years M.Sc. in Physics with specialization in opto electronics
- 24. 2 years M.Sc. in Mathematics
- 25. 4 Years Bachelor in Design Degree (B. Des.)
- 26. 5 Years Integrated Masters in Biological Sciences
- 27. 2 Years Masters in Social Works
- 28. 2 Years Masters in Geography
- 29. 2 Years Masters in Geology

4.14 Fourteenth Academic Session (2022-2023)

New National Education Policy (NEP) 2020 was implemented in the university from the session beginning July 2022. All Schools and Departments of the university offering Bachelors programmes launched a Four Year Under Graduate Programme with multiple entry and exit options at defferet levels in their respective disciplines.

Admissions were offered in the following fifteen academic programs:

1. M.A. Media & Communication Studies [School of Media & Communication Studies]
2. Four Year Bachelor Programme in Media & Communication Studies [School of Media & Communication Studies]
3. Ph. D. Media & Communication Studies [School of Media & Communication Studies]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management [School of Environment and Natural Resources]
6. M. Tech Environmental Technology [School of Environment and Natural Resources]
7. Ph. D. Environmental Science [School of Environment and Natural Resources]

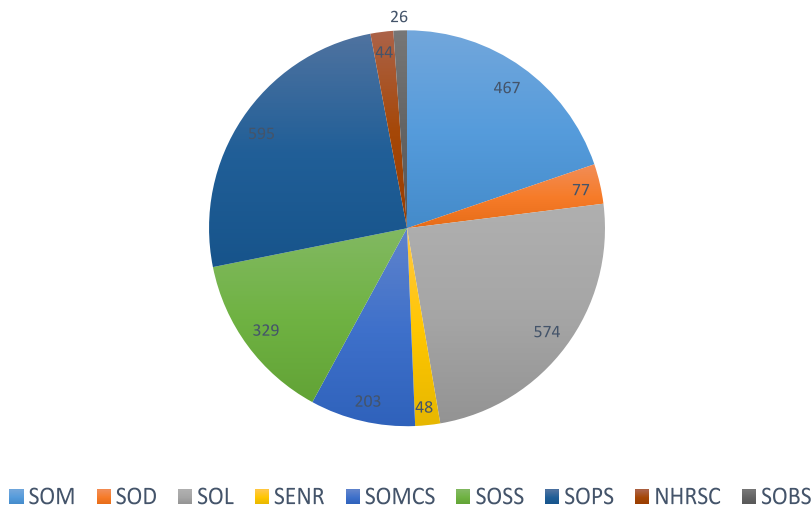
8. M.Sc. Economics [School of Social Sciences]
9. Four Year Bachelor Programme in Economics [School of Social Sciences]
10. Four Year Bachelor Programme in German [School of Languages]
11. Four Year Bachelor Programme in Spanish [School of Languages]
12. Four Year Bachelor Programme in Chinese [School of Languages]
13. Four Year Bachelor Programme in Japanese [School of Languages]
14. Four Year Bachelor Programme in French [School of Languages]
15. 2 years Masters in Business Administration [School of Management]
16. Four Year Bachelor Programme in Business Administration [School of Management]
17. Ph. D. Management [School of Management]
18. Four Year Bachelor Programme in Computer Application [School of Technology]
19. Four Year Bachelor Programme in Chemistry
20. Four Year Bachelor Programme in Mathematics
21. Four Year Bachelor Programme in Physics
22. 2 years M.Sc. in Physics with specialization in opto electronics
23. 2 years M.Sc. in Mathematics
24. 4 Years Bachelor in Design (B. Des.)
25. Four Year Bachelor Programme in Biological Sciences
26. 2 Years Masters in Social Works
27. 2 Years Masters in Geography
28. 2 Years Masters in Geology

4.15 Admissions

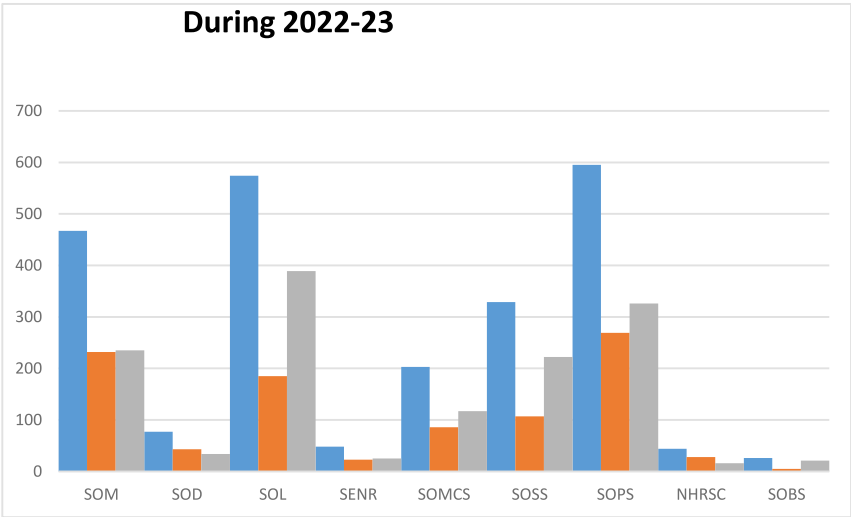
Data of Students for the year 2022-23

School	No. of Student	Male	Female
SOM	467	232	235
SOD	77	43	34
SOL	574	185	389
SENR	48	23	25
SOMCS	203	86	117
SOSS	329	107	222
SOPS	595	269	326
NHRSC	44	28	16
SOBS	26	5	21
	2363	978	1385

School wise Admitted No. of Students 2022-23



Number of Male, Female & Total Students Admitted During 2022-23



4.16 Orientation Programme for New Students

On the first day of orientation week, each School & Deptts organized an interactive online orientation session for new students. Students were oriented about course structure, credit system and examination system of the University by the respective Heads/In-Charges of the Schools/Departments during the orientation session. The students were also informed about the important committees such as CRGI (Committee for Redressal of Gender Issues), Anti-ragging, Grivenance redressal committee, Cultural committee, Sports committee etc. The students were also informed about the various facilities such as Post-Office, ATM, Gym, Indoor/Outdoor sports facilities and Day-care center in the University. In addition, each school also organized a series of invited lectures by the eminent speakers in their respective domain.

4.17 Faculty Achievements

The current faculty strength of Doon University is 122. The faculty is representative of the diversity of the country. More than half of the faculty members are female. The complete data is given in a table below:

	Male	Female	Total
Regular Faculty	31	28	59
Contractual Faculty	27	25	62
Visiting Faculty	01	0	01

Besides teaching, the faculty members of Doon University are engaged in publishing research papers and articles, writing and editing books, contributing chapters in the books, and organizing and presenting papers in seminars, conference and workshops. The faculty members have been awarded major and minor research projects from various agencies such as HRDI/SMPB, DST, ICSSR, UGC and Ministry of Textile, Govt of India.

A. Publications

The details of Publications from the University have been provided School/Department wise in the Chapter “Academic Schools”.

B. Extramural Research Grants and Fellowship

Doon University, Dehradun (Project Details 2022-23)

Sr. No.	Name of Project Investigator /Faculty	Department	Funding Agency	Sanctioned Amount	Duration	
					From	To
1	Dr. Dhriti Dhaundiyal	SOD	CPPGG	3,97,800.00 (10,5,300+14,5,314+1,07,406)	2022	2023
2	Dr. Dhriti Dhaundiyal	SOD	ICSSR	8.00 Lakhs (3,20,000)	2022	2024
3	Dr. Preeti Mishra	SOPS	DSCI	5.00 Lakhs	2022	2023

4.18 Students' Achievements:

The Doon University students are doing increasingly well in the field of academics and have shown their potential at national as well as at international level. A number of students have been directly placed in the industry/private sectors through the placement cell of Doon University. The students have also been contributing in the “research publications” which have been detailed in the section “Academic School”. A few students have also bagged national research fellowships.

4.19 Academic Collaborations

In order to promote academic and research collaboration with the national and international institutions in the form of student faculty exchange and joint research, the University has signed memorandum of understanding (MOU) with the following Academic and Research Organizations:

1. Wadia Institute of Himalayan Geology, Dehradun (WIHG)
2. Indian Institute of Petroleum, Dehradun (IIP)
3. Indian Institute of Remote Sensing IIRS, Dehradun
4. German Centre, SoL, Doon University with University of Osnabruck
5. Spanish Centre, SoL, Doon University with University of Salamanca and University of Sevilla and Instituto Cervantes, New Delhi.
6. Wildlife Institute of India
7. IIM Mumbai
8. Taipai Economic & Cultural Centre in India
9. IIT Roorkee
10. National Autonomous University of Mexico (UNAM)
11. UCM Chile
12. HNB Uttarakhand Medical University

4.20 Research and Development Cell

Research and Development Cell was established in 2021 in the form of Research and Innovation Cell. In view of the guidelines, issued by UGC, it has been renamed. At present, it exists as Research and Development Cell. The cell has the mandate to promote research activities in different disciplines.

Report of Research and Development Cell (RDC) for the Academic Session 2022- 2023

[1] Institutionalization of the Research Awards:

In order to promote the students and faculty members in active, high quality and impactful research, various research awards have been institutionalized for both students and faculty members. The Research Cell has the mechanism for absolutely unbiased assessment of the applications, submitted by the students or faculty members for the awards. The major component of the whole mechanism is objective in nature. The subjective component, in which interpretation or opinion of the experts matters, constitute a very small portion of the whole mechanism/criteria. The mechanism varies from discipline to discipline (such media, humanities, science, languages, management and design). The Research Cell may also reject all the applications if none of the article is found suitable for the award due to the reputation and/or low quality of the Journal.

[1.1] Best Article Award(s) (BAA):

It is a yearly award meant for the encouragement of the research scholars and students. The research cell invites the

applications from the students of all the Departments for the award. Only such articles are considered which are published in UGC CARE list or the category recommended by UGC.

[1.2] *Highest Research Productivity Award (HRPA):*

It is also a yearly award. Only students and research scholars can submit the applications for this award. Students and research scholars are awarded in recognition of the magnitude of their productivity (mainly in terms of the research articles published/accepted) in research activities. During assessment, only such articles are considered which are published in UGC CARE list or the category of articles recommended by UGC.

[1.3] *Best Dissertation Award (BDA):*

This award is given to the students in recognition of their research work embodied in the dissertations. It is ascertained that the dissertation, selected for the award, is suitable in terms of the adequate quality and quantity of the work.

[1.4] *Best Thesis Award (BTA):*

This award is meant for those who have completed doctoral degree in the University. It is ensured that the Ph.D. thesis selected for the award in the best one in terms of the standard, quality and quantity of the research data and results and has also lead to the publication in high quality and reputed journals.

[1.5] *Highly Productive Researcher of the Year Award (HPRYA): For Faculty Members*

This award is meant for encouraging the faculty members for their continuous and successful efforts in research activities. The faculty members are awarded in recognition of their productivity in terms of high-quality publications and/or research grants in a particular year.

[1.6] *Best Researcher of the Year Award (BRYA): For Faculty Members*

It is also a yearly award meant for the recognition of the faculty members. The faculty members who carry out highly impactful and quality research are considered and identified for this award. Only such articles will be considered which are published in UGC CARE list or the category of articles recommended by UGC. The research grants, obtained by the faculty members, is also taken into consideration while deciding this award.

[2] Restructuring and Reconstitution of the Research and Development Cell (RDC):

Research and Innovation Cell was established in the University in the year 2021. The academic council, in 31st meeting held on 22nd October 2022, has renamed the Research & Innovation Cell in accordance with the guidelines, prescribed by the UGC vide F. No.1 -5/2021 (NEP/DESK-PARL) dated 14th March 2022. The academic council has resolved under agenda item no. 2022:31:26 (Minutes Document No. 762/117/R-DU/2022, Dated 07th November 2022) that the '*Research and Innovation Cell*', which is in existence in the University, will be known as '*Research and Development Cell (RDC)*' in the future. Dr. Arun Kumar has been appointed as the Director, Research and Development Cell. For the proper functioning of this cell, Research Advisory Council (RAC) and various committees have been constituted. The details are as follows:

[2.1] *Research Advisory Council (RAC):*

University constituted its Research Advisory Council (RAC). It is the apex body of the Research & Development Cell of the University. The RAC will function to ensure the implementation of the guidelines, issued by the UGC from time to time, and also work for continuous qualitative and quantitative improvement in the research and development activities of the university. The constitution of this council is as follows:

- A. Hon'ble Vice Chancellor, Doon University
(*Chairperson*)
- B. Pro Vice-Chancellor (*if any*), Doon University
(*Vice-Chairman*)
- C. Director, Research and Development Cell, Doon University
(Member Secretary)
- D. Dr. Monika Aggarwal, Scientist F, Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Ministry of Science and Technology, Government of India.

(Honorary External Member)

E. Dr. Sulakshna Jain, International Cooperation Division, Dept. of Science and Technology (DST), Ministry of Science and Technology, Govt of India.

(Honorary External Member)

F. Prof. S.K. Mehta, Professor, Panjab University (Presently Vice Chancellor, Laddakh University).

(Honorary External Member)

G. Prof. T. Govindaraju. Shanti Swarup Bhatnagar Awardee, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore.

(Honorary External Member)

H. Prof. R.P. Mamgain, Dept of Economics, SoSS, Doon University.

(Member)

I. Prof. H.C. Purohit, School of Management, Doon University

(Member)

J. Prof. Chetna Pokhriyal, School of Languages, Doon University

(Member)

K. Dr. S.S. Suthar, School of Environment and Natural Resources (SENR), Doon University.

(Member)

L. Dr. Narendra Rawal, Dept of Computer Science, Doon University.

(Member)

M. Dr. Arun Kumar, Dept of Chemistry, SoPS, Doon University.

(Member)

[2.2] Committee for Product Development, Technology, Monitoring and Commercialization:

University constituted the committee for Product Development, Technology, Monitoring and Commercialization.

This committee has the following members:

A. Dr. Shailesh Upreti, President, C4V, New York, USA.

(Chairman)

B. Director, Research and Development Cell

(Convenor)

C. Dr. Charu Dwivedi, Department of Chemistry

(Co-Convenor)

D. Dr. Sudhanshu Joshi, School of Management

E. Dr. Himani Sharma, Department of Physics

F. Dr. Preeti Mishra, Department of Computer Science.

G. Dr. Vipin Kumar, Department of Geology

The term of this committee is 03 years. The role and responsibilities of this committee are as follows:

- i. This committee works would work and make recommendations for the creation of the Technology Development and business-centered facility which will be a hub for strategic partnerships/ collaborations, industry-institute interface, sponsored or contract research, new knowledge generation, IPR, and patent services, venture capital, trade/market portfolio, technology transfer, and commercialization of research.
- ii. This committee closely monitors the current policy environment in India, and encourages the researchers to be responsible and accountable for research development and innovation activities.
- iii. This committee monitors and oversee research progress, coordinate program, manage and facilitate optimizing resources, timely review of research activities for completion of the projects as per schedule.
- iv. This committee, in collaboration with the other committee(s), works and makes recommendations so that the researchers adhere to specific quality benchmarks for research to meet the global/ international standards.
- v. This committee works to conduct a quality review (SWOC Analysis) or internal evaluation of the research

papers and suggest Scopus Indexed, Web of Science (WoS), or UGC-CARE recognized journals for appropriate publications.

- vi. This committee makes recommendations to ensure that all the Research Labs in the institution fulfill the norms of Good Laboratory Practices (GLP) and Safety (Bio and Chemical) measures, recognized as QIP center and by the National Accreditation Board of Laboratories (NABL).

[2.3] *Committee for Collaboration and Community:*

UGC prescribes that the University (HEIs) needs to establish collaborations, teams/consortia, partnerships, and combined ventures for joint research activities through clustering institutions and organizations to facilitate the exchange of students, scholars, and faculty. There is a need to strengthen resource sharing in content and infrastructure both within the university and among universities, funding agencies, industries, corporate and government. Hence, the University constituted the committee for collaboration and community. The constitution of this committee is as follows:

- A. Prof. H.C. Purohit, School of Management
(*Chairman*)
- B. Prof. R.P. Mamgain, Department of Economics.
(*Convenor*)
- C. Dr. S.S. Suthar, School of Environment and Natural Resources
(*Co-Convenor*)
- D. Dr. Himani Sharma, Department of Physics
- E. Director, Research and Development Cell
- F. Dr. Sudhanshu Joshi, School of Management
- G. Dr. Achlesh Daverey, School of Environment and Natural Resources
- H. Dr. Sarita Singh, Department of Mathematics
- I. Dr. Rajeev Ahluwalia, Department of Geology.
- J. Dr. Avijit Sahay, Department of Geography.
- K. Dr. Vikas Sharma, Department of Physics
- L. Dr. Shanky Chandra, School of Languages
- M. Dr. Varun Dev Sharma, School of Languages
- N. Dr. Dhriti Dhaundiyal, School of Design

The term of this committee is 03 years. Its role and responsibilities are as follows:

- i. This committee works to make appropriate recommendations to facilitate Research & Development Cell (RDC) to play a crucial role in building the capacity of faculty and students to undertake research problems in line with the latest advances in diverse disciplines to push the boundaries of knowledge through publications and contribute to technological developments relevant to societal needs.
- ii. This committee works to pave the way for the University to attract more research grants under norm-based funding, and enhance its brand image in terms of research output.
- iii. This committee acts to organize the regular events such as courses, workshops, trainings/internships, group discussions and seminars/conferences.
- iv. Since the Research and Development Cell has the mandate to build a sustainable research ecosystem that leads to consistent quality research outcomes and enhanced productivity, this committee works to promote collaboration between government, universities, research institutes and industries.
- v. In order to make RDC functionality viable, the committee has the mandate to work to develop a connection with RDCs of already well-known/established HEIs for their research.
- vi. This committee also works to ensure that RDC acts as a facilitator for networking and collaborative research with other national and international institutions working in inter- disciplinary, trans-disciplinary, and multidisciplinary research areas.
- vii. This committee works to ensure that the reformed administrative structure at the University reaches out to

- key industry players, research organizations, institutions, associations, NGOs, government bodies to forge strategic partnerships.
- viii. This committee works to facilitate resource mobilization and create a Corpus for research and development from government, industry, and other funding agencies and channelize Corporate Social Responsibility (CSR) funds for sustenance and furtherance of research activities.
 - ix. This committee also works to create a Corpus fund exclusively for R&D. For this purpose, the committee can explore venture capitalists and angel investors for funding in research and innovation.
 - x. This committee is also responsible to work to liaise with funding agencies, and track funding opportunities from industrial consortia.

[2.4] *Committee for Information Management System:*

According to the guidelines (prescribed by the UGC), the Universities play a key role in the advancement of research and innovation as two distinct entities through Research Information Management System (RIMS) for the benefit of faculty, students, industry and other stakeholders. Hence, the University constituted the Committee for Information Management System. Its constitution is as follows:

- A. Head / Head I/C, Department of Computer Science.
(**Chairman**)
- B. Dr. Charu Dwivedi, Department of Chemistry.
(**Convenor**)
- C. Dr. Preeti Mishra, Department of Computer Science.
(**Co-Convenor**)
- D. Director, Research and Development Cell
- E. Dr. A.R. Gairola, Department of Mathematics
- F. Dr. Komal, Department of Mathematics
- G. Dr. Anuj Dhiman, Department of Computer Science
- H. Dr. Vipin Kumar Saini, School of Environment and Natural Resources
- I. Convenor/Coordinator, IT Cell or his/her nominee.
- J. Dr. Ujjwal Kumar, School of Environment and Natural Resources
- K. Dr. Vipin Kumar, Department of Geology
- L. Dr. Pallavi Upreti, Department of Geography.

The term of this committee is 03 years. It has the following roles and responsibilities:

- I. The committee (on behalf of Research and Development Cell) is responsible to put in place a RIMS to collect and manage research-oriented information, databases, publications, research projects, fellowships, collaborations, patents, thrust areas, innovations etc. aligned with the university's research policies.
- ii. RIMS would also provide a platform for accessing resource-centric information pertaining to human capital (Expertise), physical capital (State- of-Art Research Laboratories and Sophisticated Instrumentation Facility), and knowledge capital (Digital Library & Information, Intellectual Property Facilitation, Quantitative Methods & Data Analysis, Analytical and Consultancy Services).
- iii. As per the requirements of various regulatory agencies, researchers can submit, modify, or update their research compliances such as protocol approval, training records, equipment lists, etc. RIMS can provide a centralized and integrated database to manage issues related to and radioactive-safety approval clearances for use and disposal of biological, chemical and radioactive hazardous materials, protective equipment measures, surveillance of staff, appropriate trainings/workshops, etc.
- iv. This committee (on behalf of Research and Development Cell) is responsible for creating a blog or portal for Institutional Research Information and Institutional Repository and sign an MoU with UGC-INFLIBNET to access and upload the research information through Shodh Ganga, Shodh Gangotri, Shodh

Sindhu, Shodh Shuddhi, and Shodh Chakra. The Innovation Management (ISO 56002:2019) can be implemented as a common framework to develop and deploy innovation capabilities, evaluate performance, and achieve intended outcomes of global standards.

[2.5] *Committee for IPR, Legal and Ethical Matters:*

University constituted committee for IPR, Legal and Ethical Matters. This committee would work to ensure that researchers understand the importance of integrity and ethics and comply with ethical codes of research and publishing practices at institutional, national, and global levels. Another role of this committee will be to ensure that a standard plagiarism check is mandatorily implemented and the requisite software in this regard made accessible to all researchers. In addition, this committee will also work to sensitize the research community about dubious research and publishing practices and predatory journals. The term of this committee is also 03 years. The constitution of this committee is as follows:

- A. Dr. Reena Singh, School of Management
(**Chairperson**)
- B. Dr. Vipin Kumar Saini, School of Environment and Natural Resources
(**Convenor**)
- C. Dr. Ashish Kumar, HoD, Library.
(**Co-Convenor**)
- D. Director, Research and Development Cell
- E. Dr. Prosenjit Chattopadhyay, M/S Laxmikumaran and Sridharan, Law Firm
- F. Dr. Ashwani Siwal, Faculty of Law, Delhi University
- G. Dr. Umesh Banakar, Banakar Consulting Services, USA.
- H. Ms. Dhriti Dhaundiyal, School of Design.
- I. Dr. Charu Dwivedi, Department of Chemistry

[2.6] *Committee for Finance and Infrastructure:*

University constituted the committee for the matters related to Finance and Infrastructure of Research and Development Cell. This committee works to look after the matters related to finance and infrastructure required for R & D activities. The term of this committee is 03 years. The members of this committee are as follows:

- A. Dr. Rajesh Kumar, School of Media Communication and Studies
(**Chairman**)
- B. Dr. Gajendra Singh, School of Management.
(**Convenor**)
- C. Dr. Himani Sharma, Department of Physics.
(**Co-Convenor**)
- D. Director, Research and Development Cell
- E. Finance Controller or his/her nominee
- F. Dr. Preeti Mishra, Department of Computer Science
- G. Dr. A.R. Gairola, Department of Mathematics

[2.7] *Committee for Research Program and Policy Development:*

University has constituted the committee for Research program and policy development. The term of this committee is also 03 years. The members of this committee are as follows:

- A. Dr. S.S. Suthar, School of Environment and Natural Resources
(**Chairman**)
- B. Prof. R.P. Mamgain, Department of Economics.
(**Convenor**)
- C. Dr. Chetna Pokhriyal, School of Languages
(**Co-Convenor**)

- D. Director, Research and Development Cell
- E. Dr. Himani Sharma, Department of Physics
- F. Dr. Sudhanshu Joshi, School of Management
- G. Dr. Achlesh Daverey, School of Environment and Natural Resources
- H. Dr. Komal, Department of Mathematics
- I. Dr. Anshuman Mishra, Department of Geology.
- J. Dr. Abhilasha Kannaujia, Department of Geography.
- K. Dr. Preeti Mishra, Department of Computer Science
- L. Dr. Vipul Goswami, School of Languages

The roles and responsibilities of this committee are as follows:

- i. This committee works to ensure that research promotion activities at the University are aligned with the mandates of various National Missions, SDGs, Startup India leading to a Self-Reliant India (Atma-Nirbhar Bharat).
- ii. This committee works to make specific recommendations so that research guidance from RDC may aim to encourage faculties to conceive ideas through enhanced industry-academia interactions and prepare research proposals for funding from various agencies.
- iii. This committee is also responsible to recommend and work to organizing events like capacity building programs (Research Methodology and Research Techniques) and specific research theme-based workshops and Research Internships to motivate the endusers (students, scholars, and faculties) to participate actively in the process of ideation and innovative research in emerging areas.
- iv. This committee works to identify and recommend thrust areas for research in the university. In addition, this committee will also work to underpinning the societal needs and the availability of key resources, including in-house human resources, faculty research competencies, and support systems.
- v. As Research Incentives and Recognition Incentives play a significant role in triggering and catalyzing research interest among scholars and faculties, this committee will formulate/modify and recommend the policies for incentivizing quality publications and patents by students and faculty to create an enduring positive impact.
- vi. This committee works to formulate/modify and recommend the policies for institutionalizing the Excellence Awards for accomplishments/achievements in the form of impactful quality research and/ or research-based teaching so that the research and innovation activities of the university may be stimulated and invigorated.
- vii. This committee also works to develop/modify and recommend the policy focusing on identifying specific intensives for research faculty and develop a unique Research Career ladder for strengthening the mission "Research".
- viii. This committee also make recommendations to the University for making provision for research in the annual budget subject to the availability of funds.
- ix. This committee is also responsible for formulating/modifying and recommending the guidelines for the utilization of the corpus created for research for supporting the seed funding for freshly recruited faculty for developing research facilities, publications and patenting.

[3] Formulation of "ENCOMIUM: Incentivization Policy"

Doon University has formulated its incentivization policy (i.e., Encomium: Incentivization Policy) to support and promote the research activities of the faculty members who continuously strive to elevate the research credentials and achievements of the University. There may be some or many faculty members whose academic credentials and achievements are recognized (in the form of awards/rewards/medals/certificates) at the state, national and international forums. For the official appreciation of such faculty members, the University, in addition to its other research promotion schemes, uses this policy. Encomium has the provision to honor such awardees at some of the official university functions/programmes. In such programmes, announcement may be

made for highlighting the awardee in the newsletter and website, the faculty member may be honored with some certificate of honor and commendation, (s)he may be incentivized monetarily with Rs. 5000/- or some medal.

1 There are also some eligibility criteria which must be fulfilled by the applicants and the awardees. The awardee should be a permanent faculty of Doon University. In addition, the award, received by the faculty member, must belong to the category of study leave awards for visiting some foreign country, fellowships, research awards with monetary and promotional benefits. It is also taken into consideration that the forum which has declared the faculty member as the awardee must be recognized at state level, national level and/or international level. If it is not the case, the forum (which has declared the faculty member to be the awardee) must be some Government or Government-recognized body with a track record of at least 5 years. The Award or recommendation for the award should be competitive and result of assessment of merits of all those who have applied or been nominated in some open-to-all call or open advertisement. Awards that are local in nature (e.g., awards granted by some urban local bodies/Panchayat or intra and inter university / institution awards etc.) are not be considered under “*Encomium*”. Participation / presentation certificates – during paper presentation are not considered under “*Encomium*” until and unless there is something extraordinary factor is involved in such awards. Awards (given by someone in his/her individual capacity) are not considered under “*Encomium*”.

2 The university adopts a very specific selection procedure under which the awardees are supposed to apply on the prescribed format for application for “*Encomium*”. The last date for filing the application is 30th June of every year. Hon'ble Vice Chancellor constitutes a committee which will have (i) Director, Internal Quality Assurance Cell (IQAC), (ii) Director/Convener/Coordinator, Research Cell, (iii) Dean, Academics (if any), (iv) one senior and renowned academician (nominated by Hon'ble Vice-Chancellor and not belonging to the University) and (v) One Vice Chancellor's Nominee. The committee scrutinizes all the applications and make its recommendation to the Hon'ble Vice Chancellor by 10th of August of every year. When the committee rejects some applications, the members cite/mention the reason in the light of guidelines of '*Encomium*'. The committee avoids to reject some application arbitrarily. Under this policy i.e., *Encomium*, Vice-Chancellor is also competent to reject some of the recommendations of the committee on the basis of the reasons which he or she may cite specifically in the light of guidelines of '*Encomium*'.

[4] Implementation and Notification of Consultancy Policy 2021:

Research and Development Cell formulated the Consultancy Policy 2021 of Doon University. This policy has been notified for implementation. This policy is very much significant because the academicians and researchers of the universities share their knowledge and expertise with business houses, corporate and other external agencies through the channel of consultancy. The contribution of consultancy to the growth, development and productive relationships with such organizations is unambiguous. Consultancy activities in Doon University may be associated with contractual relationships, including research, service contracts *etc.* with government or non-government organizations in lieu of a fee. Through this policy, the university, therefore, encourages its faculty and staff to engage in consultancy wherever appropriate, and in a manner that is in conformity with their service agreement with the university. The policy document lays down the norms for undertaking consultancy work by the faculty and staff and its facilitation in accordance with the University's rules and procedures. The policy also provides the faculty and staff members to understand the definitions and the scope. According to the policy, the consultancy is a work of a professional nature, undertaken by members of university in their field of expertise, for clients/agencies outside the institution, for which some financial return is obtained. Consultancy produces some form of contracted output which may be partly or wholly owned by the client. It is governed by short-term contracts while making minimum use of university's resources. When some consultancy work is done, it is an additional management responsibility for the university, and the university's staff is involved in doing extra-work. Therefore, the policy enables the university to

charge a part of the consultancy fee from the member of the university who is engaged in consultancy. Consultancy for organizations owned by a faculty or staff or an organization in which a faculty or staff may have interest or stake are also included within the scope of this policy document.

This consultancy policy does not apply to the activities intended for furtherance of scholarship or general dissemination of knowledge or general enhancement of intellectual level of the society at large. Such activities, among others, are external examinership, lectures, conference presentations, editorship of academic journals, the publication of academic articles, royalties from authorship and publication of books, professional arts performances, and charitable services.

The policy also has the provision for the duration of the consultancy. The total time invested by some faculty member in consultancy activity must not be higher than the maximum number of duty leaves which Hon'ble Vice-Chancellor or the competent authority can sanction as per rules. At present, this number is 30 days. In special cases, the competent authority can sanction the number of consultancy days upto a maximum period of 60 days. The days, invested by the faculty member in consultancy activities, will be considered and counted as the duty leaves. For special cases, a prior permission has to be taken from the Vice Chancellor. The duration of any consultancy activity will be limited to that mentioned in the approved agreement. If some extension in consultancy work is required, prior permission of the Vice Chancellor may be sought. The policy enables the Vice Chancellor to approve the financial budget of the consultancy (offered/provided by the funding agency/client).

This policy has very clear provisions for income distribution. If the university incurs a cost for allowing the consultancy, it is deducted by the university from gross income from consultancy before splitting the net income between the consultancy provider and the university. The policy enables the member/department of university providing consultancy to retain 70% share of the amount of the consultancy fee. On the other hand, the University is supposed to retain only 30% of the net income. The policy also has the provision for a particular condition under which the university may lower/forego its part and residual income will be retained by the consultancy provider. This provision applies when the gross income from a consultancy work is below a certain amount in any financial year. This amount is yet to be notified by the university and may be revised from time to time.

The policy also has very clear provisions for the conflict of interest, code of conduct, and dispute redressal.

[5] Implementation and notification of Stimulus (i.e., the scheme for seed money):

Since Research and Development (R&D) is an integral and important part of the University, University has notified and implemented a scheme entitled 'STIMULUS' as an initiative of promoting quality research and encouraging potential researchers. Under this scheme, there is a provision of providing the faculty members with seed money. This scheme enables the university administration to ensure the availability of the funds either by utilizing a part of overhead grants of sanctioned projects or by utilizing the University funds. Under this scheme, the 'STIMULUS' grant may be provided in the following two forms:

“*Stimulus*”, seed money is for the young faculty-members of the university. Faculty members are eligible to apply for this grant when their age is less than 48 years. The seed money is a small amount of funds with which the young researcher can start/ conceptualize a new project. Faculty member is supposed to utilize this grant for initiating a project under following categories:

Category I - To initiate a future project from an already sanctioned and funded project by some government/ non-government agency

In this case, the University may provide 60% of the overhead amount sanctioned under the current project to the Principal Investigator (PI). The PI can utilize this amount for creating required infrastructure facility in lab or procure other required facilities/items (permanent/consumables/ services) necessary for smooth start and running of a pilot study.

Category II-To conceptualize a project to be applied for funding from some government/non-government agency

If some of the faculty members require small funds for executing some experiment/ survey/ other activity, which they feel necessary before finalizing their future project, regardless of whether they currently have funded projects or not, University may cover them under this category. The University can sanction a maximum amount of Rs. 30,000/- (Rupees Thirty Thousand Only) as the seed money. In this category a faculty member has to apply on the format provided in the prescribed format for Application for Stimulus. If required, Hon'ble Vice-Chancellor may direct the research cell to use different formats for different subject.

For this scheme, the eligibility criteria are well defined. For applying under category I, the faculty member must have or completed a sanctioned project with overhead amount. The eligibility criteria for applying under Category II, are more stringent. Only Associate professors/ Assistant Professors can apply for the seed money under this category II. Out of total slots of seed money available, only 25% slots will be available to Associate Professors in an academic year. Such applicants (among those who belong to Science or Technology) will be given preference who have published minimum 05 research publications in SCI indexed journals. Such applicants (among those who belong to the subjects/fields other than Science or Technology) will be given preference who have published minimum 03 research publications in SCOPUS/WoS indexed or UGC CARE List journals. If the number of stimulus grants to be given are limited, the applicants who has smaller service length will be given preference.

The provisions of releasing the 'STIMULUS' grant is also very clear. Major portion (i.e., 75% of the grant) may be released after getting assessment report of an expert committee constituted by Hon'ble Vice Chancellor or Research Advisory Council (RAC). Remaining 25% of the grant may be released after submission of the final report and deliverables to Research Cell.

Under this scheme, the selection is carried out on the recommendation of a committee which has Director of IQAC, Director/Convener/Coordinator of the Research Cell, Head/In-Charge of the concerned Department, and one external expert of concerned subject (Professor, Scientist F or G or Equivalent) of reputed academic or research institution as members. The committee has the mandate to scrutinize the projects and send recommendation to Hon'ble Vice Chancellor, after a presentation made by all the applicants on tri-monthly basis (i.e., on last Saturday of July, October, January, and April month). Hon'ble Vice Chancellor may accept or reject the recommendation. However, in case, Hon'ble Vice-Chancellor decides to reject the recommendation, he / she will mention the tenable reason in the light of the policy.

[6] New Collaborations and Memoranda of Understandings:

[6.1] *MoU with Instituto de Quimica, UNAM (National Autonomous University of Mexico, the biggest and the oldest University of Latin America):*

In a significant development in the context of possibilities of expansion of the frontiers of knowledge through collaboration with reputed global universities and insitution, an MoU was signed between Doon University and Instituto de Quimica, UNAM (National Autonomous University of Mexico in the presence of Ambassador of India to Mexico, Dr. Pankaj Sharma on 27th March 2023.



Professors and University officials of UNAM in MoU signing ceremony of Instituto de Quimica with Doon University in presence of Prof. Pankaj Sharma (Ambassador of India to Mexico)

The MoU would pave the way for exchange programs, joint conferences/seminars, international visits of students, faculty members and research scholars, collaborative research programs in the fields of material science, nanoscience, nanotechnology, organometallics, catalysis, nanocatalysis, clean energy, hydrogen generation, inorganic chemistry, organic synthetic chemistry and medicinal chemistry. In addition, it will also deepen the relations between the two universities in the realms of education and research and encourage the international visits of the students and faculty members.



Faculty members and University officials of Doon University in MoU signing ceremony with Instituto de Quimica, National Autonomous University of Mexico (UNAM)

The MoU signing ceremony was held simultaneously at two places i.e., in Doon University and Technical Council Auditorium of the Scientific Research Coordination CIUDAD Universitaria, UNAM. Both the venues were connected through video conferencing.

[6.2] *MoU with International Center for AI and Cyber Security Research and Innovation Asia University CCRIAU, Taiwan*

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.



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

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.

Faculty exchange program is also being provisioned under this MoU. The collaboration will be able to give multifarious results from which the students will be benefited. The MoU will also facilitate the students pursuing cyber security and AI projects in their programs 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.

[6.3] MoU with Indian Institute of Technology (IIT) Roorkee

Doon University signed a Memorandum of Understanding with I.I.T. Roorkee on **28th March 2023** towards collaborative research and development in the areas of chemical sciences, material science, syntheses of hydrocarbons, catalysis, organic syntheses, physics, management, economics, design, mathematics, biological science, computer science, and artificial intelligence, machine learning, geology, environmental science, etc.



Prof. Surekha Dangwal (Vice-Chancellor, Doon University) and Prof. K.K. Pant (Director, IIT Roorkee)



MoU Signing Ceremony in IIT Roorkee

The MoU will enable the researchers of both the institutions to put collaborative and joint efforts for preparing a road map and action plan for improvement in the rural economy of Uttarakhand, decrease in migration, and enhancement of reverse migration. It also has the provisions for collaborating on value-based education to achieve some of the objectives of National Education Policy-2020.

[6.4] MoU with Indian Institute of Science Education and Research (IISER) Pune

Doon University signed an MoU with Indian Institute of Science Education and Research (IISER) Pune, On 29th August 2023 towards paving 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.

[6.5] MoU with CSIR-Indian Institute of Petroleum (IIP), Dehradun:

This MoU was signed in the month of March 2023 to enhance collaboration in academic activities including research, student exchange program, internship of students, dissertation of students etc. The duration of the MoU is 05 Years.

[6.6] MoU with Indian Institute of Management, Mumbai

The Prime Minister Gati Shakti Centre of Excellence in Logistics and Supply Chain Management (CoE-LSCM) at Doon University has signed an MoU with Indian Institute of Management (IIM) which is designated as the nodal hub for capacity building in Logistics and Supply Chain Management to promote the PM Gati Shakti Master plan by the Ministry of Education (MoE).

[7] Outreach Activities

Research and Development Cell hosted a highly ambitious iRISE Program at Doon University. It was a state level 03-days residential training for the School teachers of Uttarakhand under the aegis of iRISE (Inspiring India in Research Innovation in STEM Education). Indian Institute of Science and Education Research (IISER) Pune is the national level coordinator of iRISE program. This training was completed on 12th May, 2023 when 75 teachers of Dehradun and Haridwar districts accomplished the training.



Shri Ravinath Raman, IAS (Secretary to Hon'ble Governor), Prof. Harinath Chakrapani (Professor, IISER Pune) and Dr. M.S. Mandrawal (Registrar, Doon University) in Valedictory Session of iRISE workshop at Doon University

iRISE program is the joint initiative of Department of Science and Technology (Ministry of Science and Technology, Government of India), the Royal Society of Chemistry, the British Council, and Tata Technologies.

This workshop, conducted in Doon University by IISER Pune in collaboration with State Council of Educational Research and Training (SCERT) Uttarakhand for the science and mathematics teachers of the state, may pave the way of development and transformation of the teachers in adopting new, innovative and activity-based methodologies of teaching. Such methodologies may help the teachers to inculcate interest among the students in mathematics and science. Uttarakhand is the third state after Maharashtra and Bihar where this program has been launched.



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

Under the aegis of iRISE, a total of 500 teachers have been trained in Uttarakhand in the first phase. Thereafter, some of the teachers (trained in the first phase) will be selected for second phase on the basis of their activities in the classroom. Under the second phase, selected teachers are likely to receive 10-day residential training at the Indian Institute of Science and Education Research, Pune or at Doon University. Teachers who receive 10 days training will be known as Innovation Champions. In the third phase, all the Innovation Champions will organize cascade workshop in their respective district with the help of I-RISE.

[8] Interactive Sessions with International and National Experts

Name of the Convener	Title of the Program	Date
Dr. Arun Kumar	Interactive Session entitled “Life and Opportunities for Higher Education -Voyage through Time” with Prof. Jiben Roy (Mississippi University for Women, USA)	19-10-2022
Dr. Arun Kumar	Interactive Session entitled “Lab Safety and Formal Lab Report Writing” with Prof. Jiben Roy (Mississippi University for Women, USA) in collaboration with Department of Chemistry	19-10-2022
Dr. Arun Kumar	Interactive Session entitled “Opportunities for the Students in Indian Institute of Science Education and Research (IISER) Pune” with Prof. Harinath Chakrapani, Department of Chemistry, IISER Pune	10-5-2023
Dr. Arun Kumar	Interactive Session entitled “Designing Artificial Substrates for Enzymes as a Therapeutic Strategy” with Prof. Harinath Chakrapani (Department of Chemistry, IISER Pune)	11-5-2023
Dr. Arun Kumar	Interactive Session entitled “Quantitative Structure - Activity Relationship in Medicinal Chemistry” with Prof. Harinath Chakrapani (Department of Chemistry, IISER Pune)	12-05-2023

[9] Synergistic Training Programme on Utilizing the Scientific and Technological Infrastructure (STUTI)

For the first time in Uttarakhand, a seven-day intensive training program entitled “STUTI” funded by Ministry of Science and Technology (Government of India) was organized during 27th

October 2022 to 02nd November 2023 for the scholars of science at Doon University. The details are as follows:

S.No.	Coordinators	Title of the event	Duration
1.	Dr. Arun Kumar	Department of Science & Technology – Synergistic Training program Utilizing the Scientific and Technological Infrastructure (DST-STUTI)	27-10-2022 to 02-11-2022

Funds for this training program "STUTI" have been provided by the Department of Science and Technology (Government of India) to Doon University. In this program, the researchers of science subjects from Uttarakhand and different parts of India are participating. Doon University has been the first university among private and state government organizations in the state of Uttarakhand to organize this program in Dehradun. STUTI stands for "Synergistic Training Program using Scientific and Technological Infrastructure". It is worth noting that for the first time, this program has been started by the Department of Science and Technology (Government of India) in the year 2021. Proposals were invited for conducting the workshop in December 2021. The coordinator of this program was Dr. Arun Kumar. The objective of the Government of India is to build human resource and its capacity through open access for all to science and technology infrastructure across the country. DST (Government of India) has plans to achieve this objective by conducting short term courses/workshops on awareness, use and application of various tools and analytical techniques. The Department of Science and Technology as the apex body has established about 13 Project Management Units (PMUs) in our country. The Project Management Unit acts as a hub and coordinate training in collaboration with universities and institutions. The Project Management Unit has targeted scientists/professors/PhD scholars/PDF researchers actively involved in research in various institutes of the country for conducting training programs on DST enabled R&D tools. Doon University as the host training institute is preparing program objectives, content, modules, session plan, methodology/pedagogy. Prof. P. Balaram (a very famous educationist, Padma Bhushan awardee and former Director of Indian Institute of Science Bangalore) also visited the University on 31 October 2022. He addressed the participants of STUTI and the students of our university on 01st November 2022 on very important and relevant topics.

[10] National Level Meetings of Subject Expert Committee for DST-INSPIRE Fellowship:

Research and Development Cell of Doon University hosted and conducted national level meetings of Subject Expert Committee for DST-INSPIRE Fellowship in the area of agricultural



Prof. Surekha Dangwal welcoming Dr. Namita Gupta (Scientist G, and Head, INSPIRE Division & Dr. Umesh Kumar (Scientist F) DST, Govt. of India

& veterinary sciences and chemical science between 21st and 23rd of June 2023. As many as 14 highly renowned subject experts joined the meeting from various academic and research institutions of India. In addition, Dr. Namita Gupta (Scientist G, and Head, INSPIRE Division, DST), Dr. Umesh Kumar (Scientist F, DST, Govt of India), Dr. V. Phani Kumar (Scientist E, DST, Govt. of India) and Dr. S.M. Babu (Scientist C, DST, Govt of India) were also present during all three days.



Welcome of Prof. V.K. Singh (Padma Shri) by Prof. Surekha Dangwal

Padma Shri Awardee Prof. V.K. Singh, who is an internationally renowned researcher and founding Director of IISER Bhopal, member of Scientific Advisory Council of Hon'ble Prime Minister, chaired the meeting for Chemical Science on 23.06.2023.

[11] Recognition of the Researchers of Doon University: Four out of six Governor's Best Research Awards to Doon University

Shining bright on the academic landscape of Uttarakhand and adding yet another feather on its cap, Doon University has bagged 4 out of 6 Governor's Research Awards for which the applicants were belonging from academic institutions of the entire state. The six awardees were felicitated at a ceremony organized at Rajbhawan, by Lt Gen Gurmit Singh (Retd), Hon'ble Governor of the state and the Chancellor of Doon University in April, 2023. Dr Achlesh Daverey of Doon University bagged the First Prize in the form of certificate and an award of Rs 50,000/-. Dr Aishwarya Pratap received the Second Prize with certificate and cash prize of Rs. 30,000/-. Dr. Surender Singh Suthar and Dr Rashi Mishra were felicitated with a prize of Rs 20,000 respectively.



Dr. Sweta Suri, Dr. Rashi Mishra, Dr. S.S. Suthar, Prof. Surekha Dangwal, Dr. Achlesh Saverey and Dr. Aishwarya Pratap in Raj Bhawan Uttarakhand after receiving the Best Research Paper Award



Dr. Rashi Mishra (Assistant Professor, SoMCS, Doon University), Lt. Gen. Gurmit Singh Ji (Hon'ble Chancellor, Doon University and Governor, State of Uttarakhand, and Shri Ravinath Raman, IAS (Secretary to Hon'ble Governor) in Award Ceremony in Raj Bhawan Uttarakhand

[12] Glimpses of Transformation in India through Science and Technology under G-20 University Connect—Engaging Young Minds

Doon University, Dehradun has been among the 75 institutions selected from across the country for organizing G-20 University Connect—Engaging Young Minds programme. In this regard, the University organized various activities including lecture series and inter-university quiz and essay writing competition. Research and Development Cell organized an interactive session of its students and faculty members with Dr. Rajesh S. Gokhale (Secretary, Department of Biotechnology, Government of India). Prof. R.P. Mamgain (Head, Department of Economics) was the coordinator of this event.



Mr. Shailesh Bagauli, IAS (Principal Secretary, Department of Higher Education, Govt of Uttarakhand), Dr. Rajesh S. Gokhale (Secretary, Department of Biotechnology, Government of India) and Prof. Surekha Dangwal in Lamp Lightening Ceremony on 3rd May 2023

Nearly 500 students and all the faculty members participated in the program organised on the theme '*Glimpses of Transformation in India through Science and Technology*'. In his discussions with the students, Dr. Gokhale discussed how India can come out of the 'Middle Income Trap' with the help of progress in science and technology.



Prof. Durgesh Pant (Director General, UCOST) and Prof. Surekha Dangwal (Vice-Chancellor, Doon University)

felicitating Dr. Rajesh S. Gokhale (Secretary, Department of Biotechnology, Government of India) on 3rd May 2023



Audience and Dr. Rajesh S. Gokhale (Secretary, Department of Biotechnology, Government of India) on 3rd May 2023

Dr Gokhale also detailed the Indian government's successful handling of the COVID-19 pandemic through the innovations in Science and Technology.

5. Fellowship and scholarship

Recipients of Pandit Mahanand Dangwal (Kirti Nagar, Tehri Garhwal) Scholarship for the academic year 2022-23

S.N.	Name of Student	Father's Name	Program/School
1	Sheetal Negi	Umed Singh Negi	B-Des. - SoD
2	Ayushi Kothari	Balak Ram Kothari	M.Sc. EVS- SENR
3	Himanshu Singh Koranga	Anand Singh Koranga	Ing. M. A. Media and Com-SOMCS
4	Akansha Chauhan	Rajendra Singh	B.A. Psychology- SOSS
5	Anshu Kothari	Balak Ram Kothari	B.Sc. Economics- SOSS
6	Vasu Ahuja	Vishwanath Ahuja	Intg. M.Sc. Economics- SOSS
7	Mohit Uniyal	Ganesh Prasad Uniyal	B. A. Chinese- SOL
8	Alex Hindwal	Prem Hindwal	B. A. English- SOL
9	Saurabh Pathak	Ganesh Dutt Pathak	Intg. MBA SOM
10	Kiran Rawat	Bhajan Singh Rawat	Intg. M. Sc. Physics-SOPS
11	Vaibhav Joshi	Vijay Nand Joshi	Intg M Sc Chemistry- SOPS
12	Pooja	Harendra Singh	Intg M Sc Maths-SOPS
13	Manisha Ranghar	Narendra Singh	B.Sc. Biological Science-SOBS
14	Sneha Dhapola	Bijay Dhapola	B.Sc. Biological Science-SOBS

Recipients of "Doon University Student Aid fund" for the Academic year 2022-23

S.N.	Name of the Student	Father's Name	Program
1	Sakshi Thapliyal	Rakesh Prasad	B-Des
2	Sohini Dutta	Somenath Dutta	B-Des
3	Raman Kant	Parshotam Prashad	M.Tech Evntl Techno
4	Pooja	Harish Chandra Purohit	M.Sc. EVS
5	Priyanshi Pokhriyal	Kulanand Pokhriyal	Ing. M.A. Media Com.
6	Vandana	Damodar Singh	BA Psychology
7	Aditi Tomar	Chetan Singh Tomar	Intg. M.Sc. Economics
8	Abhishek Chauhan	Keshar Singh	Intg. M.Sc. Economics
9	Manish Joshi	Girish Johsi	B A Chinese
10	Diwas Odwal	Jaspal Singh	MA Intg French
11	Dhyani Riya Manoj	Manoj Ramnaresh	MA Intg German
12	Priya Negi	Govind Singh Negi	BA Japanese
13	Nitish	Jagdish Prasad	MA Spanish
14	Komal Kanojia	Rakesh Kanojia	B A English
15	Kiran Gariya	Kundan Singh Gariya	B Com
16	Manish Singh Koranga	Anand Singh Koranga	MBA
17	Alok Semwal	Mahesh Chandra	B Sc Physic
18	Anjali Yadav	Prem Kumar Yadav	B Sc Chemistry
19	Aditi Sharma	Subodh Sharma	B.Sc. Computer Scie.
20	Aayush Kapil	Pravesh Kumar	Intg. M.Sc. Com Scie
21	Anushka Pant	Sureshanand	B.Sc. Biological Science

6. Academic Schools

6.1 School of Environment & Natural Resources (SENR)

Vision: The School of Environment and Natural Resources works to integrate and sustain the independent values of healthy environment, a sustainable economy, and livable communities. SENR is dedicated to generating and disseminating knowledge for the stewardship of natural managed environments and the sustainable use of their product and services through teaching, research and outreach. School of Environment and Natural Resources aims to provide world class internationally recognized knowledge and leadership for environmental and natural resources issues. The overarching vision of the school is to be a leader in interdisciplinary, innovative inquiry that generates highly-relevant knowledge, in developing integrative science based solutions to contemporary environmental problems, in educating tomorrow's scientists and environmental problems, in educating tomorrow's scientists and leaders, and in promoting

science and education that contributes to a vibrant green economy and a sustainable environment. leaders, and in promoting science and education that contributes to a vibrant green economy and a sustainable environment.

Mision: The School of Environment and Natural Resources aims at meeting the needs of the society by providing advance training to students in environment and natural resource management through a structured curriculum with integrated multidisciplinary approach involving latest advances in the fields of physical, chemical and biological components of the environment. Wherever needed emphasis is given to geo-morphological attributes, and socio-ecological and socio-cultural aspects of mountain ecosystem highlighting issues and problems illustrated with Case Studies.

Faculty Members

Name	Designation
Prof. Kusum Arunachalam PhD NEHU, Shillong	Professor & Head
Dr. Surendra Singh Suthar, Ph.D., JNU University	Associate Professor
Dr. Archana Sharma, Ph.D., HNB Garhwal University	Assistant Professor
Dr. Suneet Naithani, Ph.D. HNB Garhwal University	Assistant Professor
Dr. Vijay Sridhar, Ph.D., JNU, New Delhi	Assistant Professor
Dr. Vipin Kumar Saini Ph.D (IIT, Roorkee)	Assistant Professor
Dr. Ujjwal Kumar, M. Phil. (JNU), Ph.D. (JNU)	Assistant Professor
Dr. Achlesh Devere, M. Tech. (ICT, Mumbai), Ph.D. (IIT Guwahati)	Assistant Professor

Significant Achievements of the Faculty Member

Prof. Surendra Singh Suthar

Recognition and Awards

- Prof. Suthar enlisted for continuously 4th year in **Top 2% scientist of the world** List: Single year 2022 (Global Ranking 9,322) and Author's career list (Global Ranking 27,512) published 6th Ed. By Stanford University, USA.
- Prof. Suthar enlisted in the **Top 2% Most Influential Scientist in 2023** (August) Stanford University List with a Global Ranking of 10,438.
- Prof. Suthar enlisted in **Best Environmental Sciences Scientists in India** with 4,658 World Ranking and 36 National Ranking, 2nd edition of Research.com.

- Prof. Suthar received **Governors Best Researcher Award**, 21 April 2023.
- Prof. Suthar is appointed member – American Chemical Society, March 2023.
- Prof. Suthar is appointed member – **Commission on Ecosystem Management (CEM)**, *International Union for Conservation of Nature (IUCN)*, Switzerland (2009 – 2012, May 2013 – 2016 and 2017 – 2020, 2021 – 2024).
- Prof. Suthar is member – **CEM South Asia, IUCN, Switzerland** (2013 – 2016, 2017 – 2020, 2021 -24).
- Prof. Suthar is appointed **empanelled member** of Third Party Appraisal of DPRs for Project of NGBRA/NMCG, **National Mission on Clean Ganga, Ministry of Jal Sakti, Govt. of India, New Delhi**.
- Prof. Suthar is appointed Scientific Panel member for the 2022 SAMRC Self-Initiated Research Grants, **South African Medical Research Council**, Cape Town.
- Prof. Suthar is appointed expert reviewer – Grand evaluation, **European Science Foundation**, FWO Strategic Basic Research project (2020, 2022 & 2023).
- Prof. Suthar delivered Invited talk in END-AMR symposium “*International Symposium Environmental Dimensions of Antimicrobial Resistance(AMR) & COVID-19 for One Health in Asia-2023 (END-AMR-2023)*”, UPES Dehradun, 28th March, 2023.
- Prof. Suthar delivered Lightning Talk on “*Environment and Sustainability Event 2022*” 'ACS Environment and Sustainability' themed event scheduled in New Delhi, India from November 6-8th, 2022 hosted in collaboration with the Indian National Science Academy [INSA], Indian Institute of Science [IISc] & Delhi Technological University-ACS Student Chapter.
- Prof. Suthar appointed **Associate Editor, Frontiers in Chemical Engineering, Frontiers SA** (Switzerland) (2022- 2025).

Dr. Achlesh Daverey

Books Published

1. Advances in Yeast Biotechnology for Biofuels and Sustainability: Value-Added Products and Environmental Remediation Applications”. Editor: **Dr. Achlesh Daverey**, Dr. Kasturi Dutta, Dr. Sanket Joshi, Dr. Teresa Gea. **Elsevier, Netherlands (2023)**. (ISBN: 9780323954495).
2. “Development in Wastewater Treatment Research and Processes: Bioelectrochemical Systems for Wastewater Management”. Editors: Dr. Maulin P. Shah, Dr. Susana Rodriguez Couto, Dr. Ashok Kumar Nadda and Dr. Achlesh Daverey. Elsevier, Netherlands (2022) (ISBN: 9780323885058).

Recognition and Awards

1. Dr. Achlesh Daverey was awarded with “**Governor's Research Award 2021**” for the Best Research Work in Science & Technology for the year 2021 from the Hon'ble Governor of Uttarakhand (**21st April 2023**).
2. Dr. Achlesh Daverey received “**Hiyoshi Environmental Award 2022**” from Hiyoshi Corporation, Japan for the outstanding contribution for the fundamental research on Environmental Conservation and Protection in India (November **2022**).
3. Dr. Achlesh Daverey has been enlisted in Top 2% Scientists of the World (single year 2021 & 2023) prepared by Stanford University.
4. Received the “**Excellence in Research of the Year-2022**” award from UCOST & Divya Himgiri, Uttarakhand (5th September **2022**) ().
5. **Dr. Achlesh Daverey** has been invited to be an Associate Editor of **International Biodeterioration & Biodegradation** journal (Elsevier, IF: 4.8).
6. **Dr. Achlesh Daverey** has been invited to join the Editorial Board of **Industrial Biotechnology, Environmental Management (Springer, IF:3.5)** and **Environmental Quality Management (Wiley)** journals. He serves as Editorial Board Member for **International Biodeterioration & Biodegradation** (Elsevier) (2021 – 2023); and **SN Applied Sciences** (Springer) (2018- till date).

Projects and Grants

1. Dr. Achlesh Daverey received Finance support (Sponsored Project) from SERB India (CRG/2022/004139; **38.6 Lakhs**, Sponsored by SERB, Govt. of India).

2. **Financial Assistance** (Travel grant) to Dr. Achlesh Daverey for participating in "3rd International Meeting on New Strategies in Bioremediation / Restoration Processes(BioRemid2023), Switzerland (29 June, 2023 to 30 June, 2023)" from SERB, Govt. of India.

Significant Achievements by students

1. **Anjali Mishra** Ph.D. Scholar, SENR presented a poster presentation titled "Spent Mushroom Waste and Fruit Waste Bioconversion by Black Soldier Fly Larvae (*Hermetia illucens*) and its Amendment By Cow Dung Biochar For Enhanced Nutrient -Rich Frass" in the **International Conference on Solid Waste 2023- Waste management in Circular Economy and Climate Resilience (ICSWHK2023)** organized by **Hong Kong Baptist University and Zhejiang University, China** held on 31 May – 3 June 2023.
2. **Ashita Pawaiya**, Ph D student, SENR awarded with the **UGC-NFSC fellowship**.
3. **Manish Chaudhary**, Ph. D. scholar, SENR got selected for Workshop on High-End Microscopy (TEM/SEM) under CSIR Integrated Skill Initiative organized by **CSIR-Indian Institute of Toxicology Research, Lucknow (2022)**.

Sidharath Swami, Ph. D. Scholar, SENR got **Indian Patent on "A SYSTEM OF AI-ASSISTED MOBILE APPLICATION FOR ASHA WORKERS AND METHODS THEREOF"**.

6.2 School of Media & Communication Studies



Vision: The communication and media sector has grown several folds and is projected to continue growing in the coming decades. On the one hand, the industry has witnessed a virtual explosion in the process of creation and consumption of information and communication output and, on the other, an upsurge in the demand for intellectual and professional skills to face the challenges and the opportunities brought about by the transformative forces of communication revolution. The School of Media and Communication Studies at Doon University is a response to these challenges by providing a flexible academic programme to study the emerging disciplines and train students for the many exciting professional careers emerging with the convergence of technologies and communication processes.

Mission: The School of Media and Communication Studies will strive to produce responsible and socially accountable communication practitioners who possess both theoretical and practical knowledge relevant to the field of Media and Communication so as to serve the society at different levels.

The School offers academic programmes in media and communication which includes:-Journalism, Social and Development Communication, Advertising, Public Relations, Photography, Radio Television, Films, Animation, Graphic design, Multi-media, Media management and research. The programme curriculum is wide-ranging and interdisciplinary and carefully balances theoretical and practical information. The curriculum familiarizes students with concepts both in theory and in practice, introduce them to various streams of communication discipline, provide hands-on experience on all relevant skill areas and allow students to specialize in an area for entry-level jobs in communication and media sector. As part of its professional emphasis, the programme provides an opportunity to students to gain practical work experience through its internship placements in relevant organization, interact with leading professionals of the media and communication sector and assist students in finding suitable placements and self-employment opportunities.

Faculty Members

Name	Designation
Dr. Rajesh Kumar, Ph.D, M.J, M.A.	Professor & Head
Dr. Harsh Pati Dobhal, Ph.D	Visiting Professor
Dr. Rashi Mishra, M.Sc. (Mass Comm in Sci & Tech), NET	Assistant Professor
Dr. Nitin Kumar, M.J., NET/JRF	Assistant Professor
Dr. Karuna Sharma, M.A. (Mass Comm), NET/JRF	Assistant Professor
Ms. Juhee Prasad, M.A. (Mass Comm) NET	Assistant Professor
Ms. Aabshar Abbasi, M.A. (Mass Comm) NET	Assistant Professor
Dr. Vandana Nautiyal, M.A. (Communication), NET	Guest Faculty
Ms. Piyashi Himani, M.A. (Communication), NET	Guest Faculty

Number of students admitted in each programme (Academic Session 2022-23)

Name of the Programme	Total seats	Number of students admitted	No. of male students	No. of female students
Four Year Bachelor Programme in Media & Communication Studies (NEP Programme)	50	50	24	26
2-Years M.A. in Media & Communication Studies	40	20	05	15
Ph.D. Media & Communication Studies	05	05	01	04

Significant Academic Achievements of Faculty Members during 2022-23

1. Dr. Nitin Kumar and Prof. Rajesh Kumar published a research paper entitled “Crisis of Credibility and Objectivity in Journalism: An Analysis” in a UGC-CARE journal, *Pragyaan: Journal of Mass Communication*.
2. Ms. Juhee Prasad published a research paper titled “Inclusivity in Contemporary Hindi Cinema: A Case of Dalit Tokenism” in a UGC-CARE journal, *Journal of Media & Communication*.
3. Ms Anisha Thakur and Prof. Rajesh Kumar published a research paper entitled “Ecology of Misinformation on Social Media and Youth as Determinants of Spread of Fake News: Experience from Covid 19 Pandemic in Delhi” in peer reviewed journal, *International Journal on Transformation of Media, Journalism & Mass Communication*.
4. Dr. Nitin Kumar and Prof. Rajesh Kumar published a research paper entitled “परम्परागत मीडिया और न्यू मीडिया प्रयोग कि प्रवर्तिया और इन माध्यमों से सूचना एवं समाचार ग्राहनियता कि प्रकृति” in a UGC-CARE journal, मेकल मीमांसा.
5. Dr. Harsh Pati Dobhal published a chapter in the book, *Women on the Rise: A Symphony of Strength & Success (ed.)*, published by Samay Sakshya Prakashan, Dehradun (ISBN: 978-93-93355-93-5).
6. Prof. Rajesh Kumar published a book, *Social Media: Redefining Journalism in India*, published by DPS Publishing House, N. Delhi (ISBN: 978-93-91870-78-2).

Significant activities during 2022-23:

School of Media and Communication Studies, Doon University organized a two-day- 'Fervour- The Media Fest 2023' on 26-27 May 2023. The theme of this year media fest was — Digital Media & Media Ethics. The fest was inaugurated by the Hon'ble Vice Chancellor of Doon University Prof. Surekha Dangwal, Head of the School of Media & Communication Studies Prof. Rajesh Kumar and invited guests on the occasion, Mr. Ajeet Kamboj Digital Head of Navodya Times & Mr. Suraj Negi, Director, Viralbug Films. On this occasion, The Vice Chancellor Prof. Surekha Dangwal guided and inspired students by talking about Digital Media Trends and emerging Technology & exhorted the students to convert their passion into hard work. Mr. Ajeet Kamboj

Digital Head of Navodaya Times delivered a lecture on “Behind the Scenes: Expert Advice for Media Enthusiasts” and gave insights into media industry and enlightened the students about various aspects of digital media including the phenomena of fake news, misinformation and disinformation on digital media platforms. Mr. Suraj Negi Director, Viralbug Films made an interesting presentation on “Lights, Camera, Action: Unveiling the Magic of Films”. Prof. Rajesh Kumar, Head of the School of Media & Communication Studies discussed as to how the media has turned into an industry thereby compromising ethics. He also emphasized that understanding the media and message therein is the need of the hour for which an extensive media literacy programme should be launched.



6.3 School Of Social Sciences

Department of Economics

Established in 2010, the Department of Economics is one of the founding Departments of the University. The Department offers a Four-Year Bachelors (with Research) Programme under NEP, Five-year Integrated Programme, Two-Year Masters Programme and a PhD programme.

At present, the Department's academic activities are being steered by a well-known economist Prof. Rajendra P. Mamgain who has over 35 years of experience in research and teaching in reputed organizations.

Vision :

- Uphold high standards of academic performance
- Respect students and provide them with quality education
- Promote employment opportunities for students
- Maintain a collegial work environment
- Interact with the greater community
- Sustain continuous improvement and innovation

Department of Economics

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At present, the Department's academic activities are being steered by a well-known economist Prof. Rajendra P. Mamgain who has over 35 years of experience in research and teaching in reputed organizations.

Mission :

The Economics Department helps students think critically about the economic issues they confront in their daily lives, and develop a commitment to be actively engaged with policy issues in local, national, and global communities. The Economics Department provides students with preparation in economic concepts and techniques. Economics majors can choose to specialize in International Economics, Economics and Finance, or Applied Economics and Public Policy.

The Department has strong interdisciplinary links with other departments, such as School of management, Environmental Studies, etc. The Department's broad range of perspectives provides benefits to those programs as well as to its own students.

Academic Collaborations

For qualitative improvement in teaching-learning and research activities, the Department has established links with some prominent institutions which are as follows:

- Jawaharlal Nehru University (JNU);
- IIT Roorkee;
- B.R. Ambedkar School of Economics University, Bangalore;
- Burdwan University, West Bengal;
- Delhi University, Delhi;
- Ahmedabad University, Ahmedabad;
- Giri Institute of Development Studies, Lucknow;
- National Institute of Rural Development and Panchayati Raj, Hyderabad;
- Centre for Budget and Governance Accountability, New Delhi;
- Directorate of Economics and Statistics, Government of Uttarakhand;
- Centre for Public Policy and Good Governance, Government of Uttarakhand;
- Uttarakhand Electricity Regulatory Commission, Dehradun;
- Uttarakhand Council of Science and Technology;
- Directorate of Industries, Government of Uttarakhand;
- National Statistical Organization, Government of India
- Doon Library & Research Centre, Dehradun;
- Uttarakhand Industries Association;
- National Bank for Agriculture and Rural Development, Regional Office-Uttarakhand;
- V.V.Giri National Labour Institute, Noida;

- Indian Council of Social Sciences, New Delhi;
- Ministry of Earth Science, Government of India;
- Research and Information Centre for Developing Societies;
- Reserve Bank of India;
- Oil and Natural Gas Corporation;
- Tata Institute of Social Sciences, Hyderabad;

The Himalayan Trust, Dehradun

Adjunct Professors

1. Prof. D.K Nauriyal, is affiliated with the Department as Adjunct Professor. He is a renowned economist specializing on the issues of human development and regional inequalities.
2. Dr. Alka Mittal, former Chairperson and Managing Director, ONGC is affiliated with the Department as Adjunct Professor
3. Prof. Manoj Pant, former Director General, Indian Institute of Foreign Trade and Professor, Jawaharlal Nehru University is affiliated with the Department as Adjunct Professor

A. Faculty Members:

1. Prof. Rajendra Prasad Mamgain (Professor and Head)
2. Sikha Ahmad, Assistant Professor (Senior Scale)
3. Dr. Madhu Bisht, Assistant Professor
4. Dr. Rahul Saxena, Assistant Professor
5. Vartika Pandey, Assistant Professor
6. Vibha Pundir, Assistant Professor
7. Radhika Bahuguna, Assistant Professor
8. Dr. Angshuman Sharma, Assistant Professor
9. Harshita Prajapati, Assistant Professor
10. Prof. N.C. Garg (Senior Visiting Faculty)

B. Staff Members

1. Shweta Pandey
2. Sanjeev Rawat

C.Number of students admitted in each programme during Academic Session 2022-23 (male & female)

Name of the Programme	Total Seats	No. of Students Admitted	No. of Male Students	No. of Female students
BSc Honours (With Research) under NEP	50	46	18	28
M.A. Economics	20	12	4	8
Ph.D	5	4	1	3

A. Publications/Projects/Academic Activities/Achievements of Faculty members during Academic Year 2022-23

Publications

Prof. Rajendra P. Mamgain

- Published a book titled “*Tapping the Untapped in Uttar Pradesh*”, Notion Press, India, Singapore and Malaysia, 2023
- Published an article titled “Trends in Employment and Unemployment in India: Dimensions of gender, caste and education”, (Chapter 6), in *India Higher Education Report 2020*, by N V Varghese and Mona Khare (eds), Routledge, 2022.
- Published an article titled “*Understanding the Decline in Women's Employment in Rural India*”, in *Higher Education, Employment and Economic Development in India—Problems, prospects and policies*, by R.K. Mishra, S.K Kujur and K T Rivikran, Routledge, 2023
- “Declining Women Work Participation in in Rural India: Trends, Causes and Policy Implications”, *The Indian Economic Journal*, DOI: 10.1177/00194662211063567, SAGE Publications

Sikha Ahmad

- Developed and uploaded two courses- “*Econometrics-I*” and “*Operations Research*” for Integrated Library Management System (ILMS), Doon University in December 2022.
- Developed and uploaded an OER on “*Economics of the Environment and Sustainable Development*” in 6th Open Education for a Better World (OE4BW) International online mentoring program of the University of Nova Gorica and UNESCO Chair on open technologies for open educational resources and open learning at Jožef Stefan Institute in January 2023.
- Offered MOOC in Mathematical Economics on SWAYAM for July-Dec 2022 and Jan-June 2023
- Developed Questions Papers for SWAYAM on an online platform e-sulekh, developed by National Testing Agency (NTA) for SWAYAM July 2022 and SWAYAM January 2023

Workshop/Conference/Seminars/Training

Prof. Rajendra P. Mamgain

1. Presented a paper in a Panel Discussion on “Challenge of Employment and Skill Development in Uttarakhand”, organized by Indian Society of Labour Economics and Centre for Public Policy and Good Governance, Government of Uttarakhand, 13 April 2022
2. Presented an invited paper on “Impact of Covid-19 on the Lives of Migrant Workers at Destination: A Study of Migrants from Uttarakhand in Delhi”, *63rd Annual Conference of the Indian Society of Labour Economics*, IIT, Roorkee, April 2022
3. Presented a paper on “*Employment and Earnings: Nature, Trends and Opportunities*” during a National Seminar on “Development Experiences of Uttarakhand: Achievements, Challenges and Way Ahead”, Organised by Department of Economics, Doon University, Dehradun, 22-24 September 2022

Dr. Madhu Bisht

1. Participated in National Seminar on “Development Experiences of Uttarakhand: Achievements, Challenges and Way Ahead” organized by Department of Economics, Doon University, Dehradun on September 22-24, 2022.
2. Participated in International Conference on “Bhartiya Women: A True Perspective” organized by Doon University, Dehradun on 25-26 November, 2022.
3. Participated in International Conference on “Industrial Road Map of Uttarakhand: Vision 2023” organized by Centre for Public Policy, Doon University, Dehradun on 16-18 March, 2023.

Invited Lectures/Keynote Addresses

Prof. Rajendra P. Mamgain

1. Delivered a keynote address on “Education and Skill Development” in the 17th Annual Conference of Uttar Pradesh-Uttarakhand Economic Association, organized by Sharada University, Noida, 23 April 2022
2. “Addressing the Challenge of Employment in India”, Keynote lecture, **International Conference on “India: The Path to Sustained Growth for the Next Decade”, FLAME University, Pune & Institute for New Economic Thinking, New York**, 28-29 November 2022
3. Delivered an Inaugural Address on “Changing Contours of Social Science Research” in a Research Methodology Programme, organized by Department of Economics, RML Avadh University, Faizabad, December 2022.

Recent Accolades of Faculty Members

Prof. Rajendra P Mamgain

- Fellow, Global Labour Organisation, Maastricht, The Netherlands
- Member, Electricity advisory Committee of Uttarakhand Electricity Regulatory Commission, Government of Uttarakhand
- Member, Executive Council, Centre for Public Policy and Good Governance, Government of India
- Member, Executive Council, Doon University, Dehradun
- Life Member, Institute for Social and Economic Change, Bangalore (*an Institute of repute under the aegis of Indian Council of Social Science Research, Government of India*)
- Member, Board of Studies, Tata Institute of Social Sciences, Tuljapur Campus

- Member, Indian Society of Labour Economics Research & Development Trust
- Local Organising Secretary, 18th National Annual Conference of Uttar-Pradesh-Uttarakhand Economic Association

A. Student Credentials

Alumni of Department of Economics who have cleared JRF/NET/USET

- Divyanshi Rawat, M.A Economics has cleared UGC NET examination

Students who progressed to higher education abroad

- Akash Agarwal, MSc Economics (Integrated) got admission in Kiel University, Germany to a Master's Programme in Quantitative Finance

Placement

- Shivani Rawat and Taru were placed in My Forexeye Fintech Noida as Management Trainee-
Fore Analyst
- Divya Pathak was placed in Nucleon Risk Consulting Pvt. Limited as Operation Research Analyst
- Natasha was placed in BFIT Group of Institutions as Assistant Professor
- Nikita Naithani was placed in KPMG, Gurgaon

Co-Curricular Activities/ Achievements

- Rohit Singh Rawat, MSc Economics (integrated) represented state of Uttarakhand at Youth Parliament of India on October 2022.



- Unnati Badoni, MSc Economics (Integrated) attained 2nd position (classical solo dance) in AIU's North Zone Cultural fest held in Jammu and also represented the University at the national level held in Bangalore.



- Rohit Singh Rawat, MSc Economics (Integrated) represented Badrinath Kedarnath temple committee (Govt of Uttarakhand) at Somnath Temple, Gujarat - February 2023 and has also participated in National Debate at SBS college, Dehradun 2023



- Hon'ble Governor of Uttarakhand awarded PhD scholar Peeyush Sharma with a prize money of Rs. 10001/- for best use of Doon University e-library.



- Peeeyush Sharma (PhD scholar) and Sanjeev Rawat (staff member) received Prof. SK Mishra Award in 18th Annual Conference of Uttar Pradesh-Uttarakhand Economic Association (UPUEA)



- Aman Bhardwaj, MSc Economics (Integrated) secured second position at Essay Writing Competition organized by NSS, Dehradun in collaboration with MoSPI, India on the occasion of 17th National Statistics Day and has also participated in three national Debates.



- Saumya Singh, MSc Economics (Integrated) has been awarded with gold medal in SPHURTI 2023 for his outstanding performance in Badminton organized by DIT University and has also attained first position in long race (boys) as a part of AMRIT MAHOTSAV.



- Students are also engaged in IEC activities in collaboration with Waste Warriors and Nagar Nigam Dehradun.

A. DEPARTMENTAL ACTIVITIES

The department aims to encourage brainstorming discussions and debate on contemporary social and economic issues through seminars, workshop and panel discussions. The department organized following events during this year:

- Organised a Panel Discussion on “Providing Affordable Housing in Uttarakhand Needs to be Prioritised for Achieving SDGs”, Department of Economics, Doon University, 02 September 2022

- National Seminar on “Development Experiences of Uttarakhand: Achievement, Challenges and Way Ahead”, 22-24th September, 2022.
- Panel discussion on “Analysis of State Finances in India”, Lead speaker Dr. D.P. Rath, Principal Adviser, Reserve Bank of India and an eminent public policy expert on 10 October 2022. The event was chaired by Dr. N. Ravishanker, former Chief Secretary, Government of Uttarakhand and Chancellor, DIT University.
- Special lecture on “Empowering Uttarakhand women for accelerating Sustainable development” by Pallavi Bahuguna, Advocate, High court of Uttarakhand. , 4th February 2023
- Special lecture on “Sustainable Development and Law in India” by Dr. Kartikey Hari Gupta, Advocate, High court of Uttarakhand.. (4th Feb 2023)



- Special lecture titled as “Political Aspects of Freebies” in the context of the Union Budget 2023-24 by Dr. Manish Kumar, Assistant Professor, Delhi School of Economics. (25th February 2023)
- Organized 18th annual conference of Uttar Pradesh- Uttarakhand Economic Association (UPUEA) from 23rd -25th April 2023. The themes of the conference were a) Growth, structural changes and employment in Uttar Pradesh and Uttarakhand, b) Emerging imperatives in social sector growth and c) Interrogation development in the context of sustainable development. It gave an exclusive opportunity to young research scholars and teachers to hone their teaching and research skills.



- Doon University, Dehradun, one of the 75 institutions selected across the country for organizing G-20 University Connect—Engaging Young Minds programme, organized a lecture series under the broad theme of “Empowering Women and Youth in India”. The programme was attended by over 470 participants, including students and faculty of Doon University and over 45 other invited guests. The speakers included Professor Surekha Dangwal, Vice-Chancellor, Doon University; Ambassador Preeti Sharan, Former Secretary (East) in the Ministry of External Affairs, Government of India; Former ONGC Chairperson, Dr Alka Mittal; Dr. Mohit Gupta of G. B. Pant Institute of Post Graduate Medical Education and Research, New Delhi; , Dr. Anshuman Gupta, Consultant, RIS for Development Countries; and Professor Rajendra P Mamgain, Coordinator of the programme.



- Organised an interactive session on *Glimpses of Transformation in India through Science and Technology* on 03rd May 2023. The programme was marked with the invited special lecture by Dr. Rajesh S. Gokhale, Secretary, Department of Biotechnology, Ministry of Science and Technology, Government of India. Other distinguished speakers in the programme were Prof. Surekha Dangwal, Vice Chancellor, Doon University; Prof. Durgesh Pant, Director General, Uttarakhand Council of Science and Technology and Shri Shailesh Bagoli, IAS, Secretary, Science and Technology, Government of Uttarakhand.



- Organized a Panel discussion on “Reimagining Positive Peace in the context of Climate Change, Health and Social issues in Uttarakhand”. The keynote speaker at the panel discussion, Dr. Mahesh Bhatt, Secretary, MMBSHS Trust, Dehradun. Panelist were Dr. K.R. Nautiyal, former Additional Director General of Coast Guards and Prof. SP Sati, associate Professor at VCSG Uttarakhand University of Horticulture and Forestry, Rani Chauri Campus. It highlights that there is a growing concern to opt for a 'green growth path' to reduce consumption for fossil-based energy and material incentives in manufacturing. (20th May 2023).



- The department organized various brainstorming discussions on the core theme “VASUDHAIVA KUTUMBAKAM” with an active participation of youth during the year to spread the commitment for sustainable development under G20 University Connect—Engaging Young Minds programme. It includes various activities under the programmes including lecture series and inter-university quiz and essay writing competition. The speakers include Ambassador Preeti Sharan, Former Secretary (East) in the Ministry of External Affairs, Government of India, Dr. Anshuman Gupta, Consultant, RIS for Development Countries.



➤ The department organized a ten-day Workshop on Research Methodology from 26th June 2023 to 5th July 2023.

Department of Psychology, Doon University

About the Department

The Department of Psychology, Doon University is newly established (2018) Department, initially started with post graduate course In psychology, working as a learning center for higher education, committed to lay the foundation for the overall humanistic and professional growth and development of students. The aim of this department is harnessing the theoretical and experimental aspect of Psychology into practical application that leads them to do innovation, make creative contribution for the betterment of Society and Nation building which is free from biases and evils. This year (2021) we have started BA Honours course. In our department the learning methodologies includes converting theoretical knowledge into practical application, Internship, Quiz, Project assignments and fieldwork, which improves the Comprehensive development of the students. The department is devoted to provide training to the students to work on advance theories and to create knowledge that will help them to deal with real world issues.

The courses have been designed to develop the students for practical application of the following subject areas/fields e.g. Basic Psychological Processes, Cognitive Psychology, Biopsychology, Social Psychology, Developmental Psychology, Positive Psychology, Clinical Psychology, Organizational Developmental, Industrial Psychology, Research Methodology and Statistics. This program will help the Students for the holistic development and prepares them to aspire for higher education and to develop a bright career and make them to achieve higher-level leadership positions in the real life. Both the programs create a strong research orientation and theoretical foundation in relation with advance discipline of Psychology. It enable students to take a creative, empirical and ethical approach, which can be applied, to research and development in the various fields of Psychology. These courses provides an opportunity to extend the knowledge to promote overall development and growth of an individual, group and society. MA psychology syllabus has been revised which covers 90 % UGC NET Psychology syllabus. We have introduce a paper on Cognitive Behavioural Therapy and Behaviour Modification. Department has developed BA honour syllabus as per CBCS. Department has also developed BA & MA psychology and anthropology course structure as per NEP 2020 guideline for Uttarakhand State. The department has commenced with PhD in Psychology.

Department of Psychology offers a two-year MA in Psychology as well as a 3/4 years graduation programme in Psychology (honors/with research) based on NEP 2020. Depending on the interests of each student, the Department prepares them for a career in academia, defence sector, school counselling, or analytics through research-based teaching and learning activities.

Significant Highlights of the Department

Recognising the significance of mental health and the need to create awareness and support for individuals facing mental health challenges, the Department organised the International Mental Health Day holding several programs.



Participants on Mental Health Day

- A gender sensitization workshop was conducted to promote awareness, understanding, and sensitivity towards gender-related issues. These workshops aim to challenge stereotypes, promote gender equality, and foster a more inclusive and equitable society.



Vice Chancellor Professor Surekha Dangwal addressing the participants during gender sensitization workshop

- The Department organised World Elder Abuse Awareness Day in collaboration with HelpAge India, Department of Social Work on 15th June, 2022.
- The Department organised International Yoga Day to highlight the powerful connection between yoga and mental health.



Participants on International Yoga Day

- A 4-day intensive interactive programme on 'Risk Perception and Risk Reduction Counselling and Managing Mental Health Issues in Context of HIV' was organised by the Department in collaboration with Uttarakhand State AIDS Control Society between 27th and 30th of September, 2022.

Significant Achievements by Faculty Members and Research Scholars

- Dr Savita Karnatak Tewari and Dr Rajesh Bhatt published 7 papers in reputed journals and 2 chapters in books during last one year.
- Ph D student Aushi Pandwal published two research papers in reputed journals.

Paper Presentations by Faculty and Research Scholars

- Faculty members and research scholars presented 7 papers in national and international seminars/workshops during last one year.

Significant Achievements of Students

- M A student Gunjan Negi got admission in Masters programme at UNIVERSITA degli Studi di MESSINA, Italy.
- M A student Ananya Mathur got admission in MBA at Bangor University, UK.
- Ph D Scholars Deepak Kumar, Anamika Bhardwaj, Ayushi Pandwal, Anjali Suyal and M A student Saurav Uniyal and Akshyata Ray qualified for NET/JRF.
- Ph D student Anjali Suyal qualified GATE in 2023.
- Ph D student Anamika Bhardwaj qualified SET in 2022.

Department of Social Work

The Department of Social Work offers PG with an objective to create social work professionals to respond existing and emerging social, cultural, developmental and environmental needs and challenges especially in Himalayan region and Uttarakhand in particular. Apart from the classroom teaching, the students undertake concurrent field work and internship in various settings such as hospital, NGOs, CBOs, schools, CSR agencies, institutions and other organizations in order to acquire professional social work knowledge, skills, techniques, values and ethics while integrating theory and practice.

Collaboration (International)

- Collaboration between Department of Social Work, Doon University and Queens College, City University of New York As a “Collaborative Online International Learning (COIL) in order to exchange the ideas on social, historical and emerging issues in both countries.

Collaborations (National)

- With Goonj Organization (NGO) for concurrent field work and internship.
- With Bhaumya Organization (NGO) for field work activities and internship.
- With Waste Warriors for field work in waste management practices.
- With HelpAge India (NGO) for field work activities and internship in old age perspective.
- With Mount Valley Development Association (MVDA) for various rural activities.
- With Kinchit Prayash Foundation for different activities in the university.

Significant Achievements by Faculty Members and Research Scholars

Dr. Naresh Mishra

- Published a research paper on "The Impact of Social Media on Women" in *International Journal of Scientific & Innovative Research Studies*, Dec. 2022, Vol.10 (12).
- Worked as a Gender Specialist in the project “Social and Environmental Audit of 10 STPs under Namami Gange Programme in district Tehri, Pauri, Rudraprayag and Chamoli” in 2023.
- Worked as a Senior Research Expert in the research project “Impact Assessment of CSR Works Completed by SEWA-THDC (FY 2019-20)” in 2022.

Significant Achievements by students

- M A student Ms. Nidhi Gusain selected as a Young Professional in Rajasthan Grameen Aajeevika Vikas Parishad (RGAVP), Rajasthan.
- M A student Ms. Apurva Negi was selected as a Resource Mobilizer in PRADAN NGO, Noida.

Significant Activities by the Department

- The Department organized a webinar on Psycho-Social Impact of Cancer to mark “**World Cancer Day**”.
- Organized a webinar on “Women's Rights are Human Rights” in observance of “**Women's Equality Day**”.
- Conducted a social experiment and initiated a conversation among faculties and students regarding menstrual Hygiene Management in observance of “**Menstrual Hygiene Day**”.
- Conducted an interactive session with Maya Care Foundation regarding “**Elderly Care Management**”.
- Faculty and students from the Department participated in 19 activities in a month-long inter-university competition 'Ecolympic' organised by Waster Warriors during September-October, 2023. These activities cantered on the crucial topics of waste management and climate change, with the primary goal of raising awareness among the youth.



- In collaboration with Goonj organisation, the Department has taken initiative of old cloth collection in the university for distribution among poor and needy.



- Department has established a RRR (Reduce, Reuse and Recycle) center for collection of old cloths and other waste materials.
- Department of Social Work team Eco_Doon Warriors transformed the wall nearby Doon University to create awareness on consequences of climate change.



- The Department organized a seven-day rural camp with the help of Mount Valley Development Association (MVDA) in Ghansali and Chamiyala, Tehri Garhwal.



MSW students in a rural camp in Ghansali and Chamiyala, Tehri Garhwal

- The Department organized an awareness program and open discussion on World Elder Abuse Awareness Day (WEAAD) in collaboration with HelpAge India on 15th June 2022.
- The Department commemorated '**World AIDS Day**' in a meaningful and impactful manner on December 1, 2022.



- The Department participated in Doon Swachhta League organized by Waste Warriors in collaboration with Nagar Nigam, Dehradun
- Team of MSW conducted a solid waste management awareness session at Anand Legacy Apartment, Dharmapur.
- MSW students team organized the Recycle Rap event in different areas of Dehradun to create awareness about waste problems.
- Students conducted a clean-up drive nearby Maldevta, Dehradun.
- The Department marked the occasion of **International Men's Day** at AIIMS, Rishikesh.
- Department marked "**World Peace Day**" through posters and T-shirts.

6.4 School of Languages

6.4.1 Department of Spanish Studies, School of Languages

Vision:

Spanish, the language of Spain and Latin America, is one of the world's most spoken languages and also one of the world's most widespread languages. It is the official language of more than 20 countries around the world with its presence in five continents. The Department of Spanish Studies under the aegis of School of Languages provides its students a very broad perspective and understanding of the world we inhabit as Spain and Latin America that has played a very crucial role in shaping the world.

Mission:

The Department of Spanish Studies at the Doon University, with a very well researched and constantly updated curriculum, intends to cater to the contemporary needs of Spanish language learning. The faculty aims at incorporating the most modern techniques of teaching of language, literature and culture in order to develop a deep sense of analysis of the significant issues pertaining to Spain and Latin America by encouraging students to carry out an original research work.

Faculty Members

S. N.	Name of Faculty	Qualification	Designation
1	Ms. Mala Shikha	Doctoral Thesis submitted in February 2018, Erasmus Mundus Masters, MA, UGC-NET	Assistant Professor
2	Ms. Swagata Basu	MPhil, MA, UGC-NET (JRF)	Assistant Professor
3	Mr. P. Kumar Mangalam	Erasmus Mundus Masters, M. Phil, MA, UGC-NET (JRF)	Assistant Professor (on Contract)
4	Ms Chiara Facciani	Erasmus Mundus Masters	Assistant Professor (on Contract)

Significant Highlights of the Department

- Dr. Ranjeeva Ranjan conducted two lectures cum workshops on “Exploring the Possibilities of Academic Collaborations at the Universidad Católica del Maule, Chile under the MoU between UCM and Doon University” and “Research Opportunities for the Doctoral Scholars of Doon University at UCM” on 6 February 2023 organised at the Department.
- Open Air Student Seminar held on 20 February 2023.



- The Department in collaboration with all the departments of the School of Languages observed International Mother Language Day on 21 February 2023.
- Dr. Gaurav Kumar, Assistant Professor in Spanish, JNU, New Delhi conducted a workshop for on "Evaluation and Feedback in Foreign Language Teaching" for the Ph.D. scholars of our Department on 25 February 2023.

The Department organised a three-day workshop on "Content Based Instruction and Curriculum Development" by Naira Jansen, Teacher Trainer and Mentor, Beacon Academy, Evanston,



- Illinois, USA on April 3rd, 4th and 6th for the faculty members and alumni of School of Languages.



- The Department organised a special lecture virtually on "Chilean Cultural Expression through Art: The Evolution from Allende to Pinochet" by Dr. Gaurav Sushant, Assistant Professor Senior in Spanish at Vellore Institute of Technology, Vellore on 26 April 2023.
- The Department of Spanish Studies organised a special lecture virtually on "The Evolution of Culture of Protest through Songs in Chile: From Nueva Canción to Canto Nuevo" by Dr. Gaurav Sushant, Assistant Professor Senior in Spanish at Vellore Institute of Technology, Vellore on 1 May 2023.

- The Department organised a special lecture virtually on “Ocampo-Tagore: Between the Said and the Unsaid” by Professor (retd.) S. P. Ganguly, Jawaharlal Nehru University on 23 May 2023.
- The Department observed International Book and Copyright Day on 4th and 6th May, 2023 as Día del Libro. Día del Libro is the annual event organised by the Department since its inception in the academic year 2010-2011. This day has been celebrated collectively in Doon University that the UNESCO observes every year to promote reading, publishing and copyright on 23rd April in honour of the great literary master from Spain, Miguel de Cervantes.



Significant Achievements by Faculty Members

- Faculty members participated in a number of national and international conferences/seminars and made academic presentations.
- Dr Mala Shikha and Ranjan, Ranjeeva published a paper (2022), “Representation of India in Travel Writings by Latin American Women in the 20th Century” in *Rupkatha Journal on Interdisciplinary Studies in Humanities*.
- Dr Mala Shikha and Ranjan, Ranjeeva published an Editorial Introduction (2022) to “Across Cultures: Ibero-America and India” in *Rupkatha Journal on Interdisciplinary Studies in Humanities*.

6.4.2 Department of Japanese Studies, School of Languages

Vision: The India Japan relationship has a long history rooted in spiritual affinity and strong cultural and civilization ties. The relationship between Japan and India is described as the "Special Strategic and Global Partnership," and is blessed with the largest potential for development of any bilateral relationship anywhere in the world. The beginning of 21st century witnessed a dramatic transformation in bilateral relations between India and Japan. The latest ties and treaties between India and Japan will elevate the strategic and global partnership to an even higher level. In view of the "Indo Japan Strategic partnership", Japanese language will have an immense scope in the near future.

The scope of Japanese as a foreign language as career is bright and candidates willing to explore it have multitude of job opportunities in various multinational companies and multilateral organizations. Learning a foreign language is not only the gateway to understanding and appreciating other cultures but it also enhances career opportunities. The Department of Japanese Studies aims at a holistic program that not only offers excellent language education but also provides its students with a variety of cultural learning opportunities.

Mission: The Department of Japanese Studies, established in the year 2013, is committed to excellence in imparting quality education with the vision and mission to meet the emerging demand of the future professionals, researchers, and academicians in the field of Japanese Language, Literature and Culture. The five-year MA Integrated program, aims to equip the student to make a bright and rewarding career in the field of Japanese Language. The initial three-years BA (Hons) program includes basics of Japanese language, history & culture, translation, interpretation, essay & letter writing and literature enabling the students to speak, write, understand, translate & interpret Japanese language. The two years of MA program, focuses on advanced translation and interpretation to make the students proficient in Japanese language in the field of their choice of employment.

Faculty Members:

Name	Designation
Ms. Deepika Bhatia,	HoD/ In-charge, M.A., UGC NET, Assistant Professor
Mr. Ravi Kumar,	M.Phil., UGC NET-JRF, Assistant Professor
Ms. Prachi Jain,	M.A., JNU, Guest Faculty
Ms. Abhivyakti Chandra	M.A., JNU, Guest Faculty
Mr. Abhishek Thapliyal	M.A., Doon University, Guest Faculty
Prof. Manjushree Chauhan (rtd.)	Adjunct Professor in Doon University

Significant Achievements of Faculty Members

Faculty members made several presentations in national/international seminars/workshops/conferences and published 5 papers.

Significant Highlights of the Department

Educational cum Industrial trip to Japanese companies in Gurugram

Department of Japanese Studies, School of Languages organized an Educational cum Industrial visit to M/s Honda Motor Co. Ltd, a Japanese manufacturing company and M/s Pasona India Pvt Ltd, a placement and human resource company at Gurugram on April 24, 2023 for students of Undergraduate and Post graduate program. The visit to Japanese companies enhanced the practical knowledge and boost up confidence of students by experiencing the Japanese workplace ethics and manners which are highly beneficial for their career and holistic growth in addition to their personality growth and development.



Students visit Honda company

- Japanese cultural activities are integral part of the curriculum of the courses. Japanese Drum Live Performance “Wadaiko” by artists from Japan, Japanese Doll making session, Hiroshima Day Commemoration are some of the cultural events organised from time to time along with other Department level cultural programmes.
- The Department also organises Japanese cultural fest “Dokidoki” every year, which includes Japanese cultural workshops – Origami, Calligraphy, Using Chopstick, Wearing Kimono, Japanese dance and food etc.
- Department, in collaboration with Shimane University of Japan, has successfully completed an online exchange programme entitled “Mukashibanashi Café” in the months of April to July wherein ten students of the Department participated in the online exchange programme in 2021.
- Various academic and cultural activities like Seminars, workshops, Japanese movie screenings, educational tours etc are organised by the Department for better understanding of Japanese culture and tradition. Special Lectures by Professors from Jawaharlal Nehru University (JNU) and Delhi University (DU) are also conducted from time to time.

Significant Achievements of Faculty Members

Faculty members made several presentations in national/international seminars/workshops/conferences and published 5 papers.

Significant Highlights of the Department

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6.4.3 Department of German Studies, School of Languages



Vision: Teaching of German in Schools and Universities in India has already completed hundred years. At present German studies is being carried out at several universities in India which is catering not only to research initiatives by the German as well as Indian governments, but also to the requirements of several German multinationals which have their strong and effective presence in India. Besides, Germany and India share a lot of linguistic and philosophical affinities. This particular background and a rare combination of so many factors pave the path for the learning of German language and study of German linguistics, literature and philosophy at Doon University. Students pursuing this field of studies get a lot of opportunities to work at multinational corporations as well as academic institutions. Our academic program thus prepares students on the one hand for pursuing higher studies and on the other hand offers a blend of academic, research as well as employable skills.

Mission: Department of German Studies through its outreach and teaching activities wants to create alumni of socially, culturally, academically and philosophically aware, capable and conscious professionals who would not only bring good name to their alma mater but also set examples of success and satisfaction in their respective sphere of life.

Faculty Members:

Name	Designation
Mr. Chandrika Kumar, M.A., M. Phil., NET/JRF	Assistant Professor
Mr. Alok Prasad Naithani, M.A., NET	Assistant Professor on contract
Ms. Yogita Arya, M.A.	Guest Faculty
Ms. Prashali Khanduri, M.A.	Guest Faculty

The Department of German Studies, part of School of Languages of Doon University, was established in 2010 and is one of the key centres in North India to study German language, literature and culture studies. The department offers five-years MA Integrated Programme in the field of German Studies with exit options after completion of each year as per the NEP 2020. The department also offers PhD programme in German Studies with focus on translation, linguistics and language pedagogy. For the professionals one year certificate programme in German is also offered as evening classes.

Significant highlights of the Department

- The Department of German Studies has three permanent faculties which specialization in various aspects of German Studies.
- The department incorporates the use of German and Austrian mass media in its classes from the beginners' level in form of newspapers (e.g. Die Zeit, Frankfurter Allgemeine Zeitung, Die Welt, Die Kurier etc.) and news channels (e.g. Deutsche Welle, Tagesschau, ARD etc.)
- Various experts on German Studies from India and Germany are frequently invited to deliver lectures to guide the students of the department.
- The department held an international workshop on Translation in collaboration with experts from Uppsala University, Sweden, University of Göttingen, Germany, Jawaharlal Nehru University, Aligarh Muslim University, IIT Mandi in October 2022.
- The department organized the screening of the German comedy film *Im Juli* (2000) with English subtitles on 23rd November, 2022.
- The Department participated in International Mother Language Day celebrations jointly organized by

School of Languages and Department of Theatre Studies in February 2022.

- Two day long cultural fest Frühlingsfest 2023 was organized by the students in May 16 and 17, 2023.
- An orientation programme was conducted for the newly arrived students in BA1st year and MA1st year. All the students in the department were informed about the rules and regulations of the department and the University. Former students of the Department were also invited where they shared their experiences of studying at Doon University.

Invited Lectures

- Dr Abhimanyu Sharma, University of Cambridge, England and Jawaharlal Nehru University, New Delhi was invited to conduct special series of lecture on lecture series on language policy, linguistics and German studies in June 2022.

Significant Achievements by Faculty Members

- Dr Vipul Goswami, faculty at the department gave an invited lecture on *A brief overview of the German language* at Centre for German Studies, Jawaharlal Nehru University, New Delhi (online mode) on 5th September, 2022.
- Dr Vipul Goswami published an article *Role of Foreign Language Learning in Comprehensive Development of Youth* at the Vladimir University, Russia in Sepetember 2023.
- Mr Chandrika Kumar, faculty at the department was granted one year study leave and he visited Germany in November 2022 and May 2023 for short term research stays.





6.4.4 Department of Chinese Studies, School of Languages

Vision

The 21st century has been called as the “Asian Century” placing a lot of importance on the two Asian giants China and India. The fast growth of Chinese economy has put China in a very strong position in the international arena. In the era of globalisation, with the growth and development in Sino-Indian relations, the scope and demand of Chinese language experts is increasing every day. The craze for learning Chinese language or what is called in Chinese “中文热” that swept the country and the world in the past few decades is still burning strong. Department of Chinese Studies in Doon University is a step towards keeping in pace with the need of the times and demands of the market. With the economic boom of China and ever so growing trade relations between India and China, the need for Chinese experts is growing. Being the only Chinese language centre in the region, Department of Chinese Studies in Doon University has a tremendous potential of emerging as a leading centre of Chinese language learning in the area.

Mission

The Department of Chinese Studies aims to develop as one of the major centres for Chinese Studies in India. With its strategic location based in the Himalayas and the only centre for Chinese learning in the Himalayan belt, the Department of Chinese Studies aims at catering to the need of the region by producing well qualified language and China experts who are equipped with skills to answer the needs of the market.

The Department of Chinese Studies was among the first three departments to be established in School of Languages and offers a five year Integrated Masters course with focus on Chinese language, Literature, Culture and History. The course is designed to give the students a comprehensive understanding of China and to make them equipped with the language skills so as to nurture them into responsible and efficient resource.

List of Faculty members

1. Ms. Tanvi Negi (MA), Assistant Professor
2. Mr. Madhurendra Kumar Jha (MA), Assistant Professor
3. Mr. Shanky Chandra, Assistant Professor
4. Ms Lee Peilin, Guest Faculty on Contract (Since November 2017)
5. Ms. Anukriti Bisht (MA), Guest Faculty
6. Ms. Li Tingting, Guest Faculty (Since March 2018)

The Chinese Language Program at the Department of Chinese Studies, School of Languages, offers an integrated M.A. with courses ranging from elementary first-year level to advanced fourth-year level. Throughout each year, our courses are designed to enable students to acquire the following skills in Chinese language, literature, culture, and linguistics. Department of Chinese Studies was established as part of School of Languages in the year 2010. It currently offers different programmes viz. (i) B.A Hons(3+1 year) (ii) MA Chinese (2 years) and (iii) One-year certificate course in Chinese language.



Salient Academic Highlights of the Department

Department of Chinese Studies won the "Excellent Organization Award" at the 22nd Chinese Bridge Competition, a testament to our department's unwavering commitment to excellence and global cultural exchange.

The Department has been continuously offering a UG and PG course in Chinese studies for a decade.

Chinese Department organises an annual event "Chunjie" which is Chinese New Year. In this event, academic and cultural activities are highlighted.

Department of Chinese Studies lays huge emphasis on activities in the form of cultural programmes, invited lectures, film screenings, workshops, symposiums etc. which enrich the teaching, learning and research ambience of the Department.

The Department organised an International Workshop and Webinar titled "The Wonderful World of Translating from Chinese" organised in collaboration with Paper Republic on March 15, 2021 which brought together students and scholars from all the Centers engaged in Chinese language teaching in India.

Collaboration of the Department

Department of Chinese Studies has collaboration with Taipei Economic and Culture Council since 2017. A Taiwanese native faculty has also been invited to teach Mandarin. In 2020, the Doon University formally signed an MOU with Taipei Economic and Culture Council (TECC).

Significant collaborative educational initiative by the Department of Chinese Studies and the District Institute of Education & Training, Charigaon, District Pauri. A Chinese Language learning program has been launched, benefiting 100 selected government primary school, 2023.



Significant Achievements of Faculty Members

Ms. Tanvi Negi participated in "2011 Taiwan Study Camp for Future leaders from Korea and South Asia".

Mr Madhurendea Jha was selected as young sinologist to represent India in the Visiting Programme for Young Sinologists, organised by the Ministry of Culture, China twice in 2014 and 2015.

Ms Tanvi Negi also was selected as Young Sinologist to represent India in the Visiting Programme for Young Sinologists in the year 2017.

Ms. Tanvi Negi was also invited to participate in "2016 Seminar for Scholars and Think Tank from the countries along 'the Belt and Road'" organised by Training Center of SAFEA with commission of Ministry of Commerce, People's Republic of China.

Mr Madhurendra Kr Jha also attended the 1st Asian African Youth Festival, held in Beijing, P.R. China in 2016.

Mr Madhurendra Kr Jha was awarded two years ICS-HYI China Studies Fellowship from September 1, 2016. Between the years 2016-2018, under the fellowship, he was a visiting fellow at Peking University, followed by

Harvard University.

The faculty members of Department have published numerous papers in both national and international journals and also contributed chapters in edited volumes.

The faculty members actively participate in National and International conferences, seminars and workshops and make vital contribution to the dynamic field of China Studies.

As part of India-China Translation Programme, an initiative which is a part of an MOU signed in 2013 between MEA, Govt of India and The State Administration of Press, Publication, Radio, Film And Television, China on 'Cooperation in mutual translation and publication of Classic and Contemporary Works', the faculty members of the Department have translated two significant works each from Chinese to Hindi.

Mr. Madhurendra Kr Jha has translated a contemporary novel by Wang Shuo titled "Looks Beautiful" which was published by NBT in 2018. He has translated another Modern Chinese novel by Wang Meng titled "Long Live Youth" which is under publication.

Ms. Tanvi Negi has completed the translation of Modern Chinese novel by Lao She titled "Rickshaw Boy" which was published in 2018 by NBT.

Ms. Tanvi Negi has translated contemporary novel by China's Nobel laureate Mo Yan titled "Life and Death are wearing me out", this translation is under publication.

The translation work, carried out by the faculty members of the Department, will be a significant step in the direction of furthering mutual understanding between the two countries.

The Department has also contributed to the proliferation of Indian literature into Chinese.

As a part of the Prime Minister of India's translation project of ten prominent works of Indian literature into Chinese and Russian under the aegis of the Shanghai Cooperation Organisation translation project, Mr. Madhurendra Jha's translation of Rajinder Singh Bedi's Ek Chadar Maili Si into Chinese was published by Sahitya Akademi.



ICS-HYI Fellowship Holders, Mr. Madhurendra Jha (2016-18), Mrs Tanvi Negi (2023-25) and Mr. Shanky Chandra. (2019-22)

Mrs. Tanvi Negi, has been awarded the prestigious ICS-Harvard Yenching Fellowship for doctoral studies in China and Harvard University. Mrs. Negi marks the third recipient of this illustrious fellowship in our department, following Mr. Madhurendra Jha and Mr. Shanky Chandra.

Mr. Madhurendra Jha has published a significant research article titled "'Involution' or Alienation?: Visiting the Issue through Jia Zhangke's 'Hometown Trilogy'". This remarkable piece has been featured in the internationally renowned journal China Report (Volume 59, Number 3, Aug 01, 2023).

Mr. Shanky Chandra was invited to participate and present his paper in "India-Taiwan Annual Strategic Conference" by the O. P Jindal Global University, 2022.

Acknowledging the active participation and valuable contributions of Mrs. Tanvi Negi and Mr. Shanky Chandra at the Association of Asian Studies Conference held at KyungPook National University, Daegu, Korea, where they presented their insightful papers.



Significant Achievements of the Students

Our third-year students: Anurag Tiwari, Anamika Gayatri, Abdul, Simran Thapa, Komal Chauhan, Golmei Daigouangpou, and Debjyoti Pondit, who have been honoured with the prestigious Huayu Scholarship by the Taiwan Economic and Cultural Centre.



Deepanshu Saini from the MA final year for securing the China Scholarship Council Scholarship. This achievement will allow him to further his studies at the Beijing Cultural and Language University, Beijing, China.

Many students of the Department are placed in some of the biggest multi-national companies like Amazon, Oracle etc.

Some students are also working as freelancers, and some are venturing into their own start-ups.

6.4.5. Department of French and Francophone Studies, School of Languages

The Department of French & Francophone Studies, established in August 2014, is a part of the School of Languages at Doon University. It offers (i) Five years MA integrated programme in French; students have an option to exit after 3 years with a BA Hons. degree (ii) MA French (iii) One year Certificate Programme in French



Vision:

Established in August 2014, the Department of French and Francophone Studies dwells upon the intensive teaching and learning of language, literature, culture and civilisation of France and Francophone nations through a mosaic of workshops, seminars and cultural activities.

Apart from English, French is the only other language to be spoken in all five continents (in around 51 countries). Considered the language of culture, diplomacy and international relations, the knowledge of French opens the door of employment in the world's number one tourist destination, the number three destination for foreign investment and the fifth biggest economy, France. Therefore, the Department has a vision to become a nationally and internationally recognised centre of excellence for learning, teaching, and research in French and Francophone studies. Learning French at Doon University will consequently lead to numerous opportunities to work in the following fields: translation, interpretation, international business, technology and engineering, national and international organisations and agencies, tourism and hospitality industry, diplomatic services, French research institutes, teaching, etc. Since the Department of French and Francophone Studies is the only full fledged department in the Himalayan region offering degree courses, it embodies an immense prospect to produce high-calibre professionals in French and Francophone studies, capable of effectively contributing to, and promoting national development, regional integration and international cooperation.

Mission:

At present, the Department offers Bachelor of Arts (hons.) (three years) and Master of Arts (two years) programmes. Along with these programmes, the Department also offers one year Certificate Course for the students, professionals

and general public who aspire to learn French for professional reasons or as a hobby. The Department has incorporated the latest methodologies and approaches of teaching and learning French which efficiently enable a learner to meet professional and personal challenges in diverse scenarios. The well-researched and up-to-date curriculum contains core courses on different aspects of language learning (oral, written, comprehension, reading) and cultures of France and Francophone countries. Apart from courses on French and Francophone literatures, philosophy, cinema, theatre and art, the Department also offers a number of vocational and professional courses at B.A. and M.A. levels, such as translation and interpretation (literary, scientific, technical, commercial, judicial, conferential, etc), French for tourism and hospitality, commercial French, French for mass media and methodology of teaching French as a foreign language. Besides, the Department has collaborated with Université de Liège, Belgium to facilitate students and faculty exchange programme amongst other activities.

Faculty Members:

Name	Designation
Ms Shubhra Kukreti, MA Erasmus Mundus, MA in French and Francophone Studies, JNU, New Delhi UGC-NET (French)	Assistant Professor
Dr Varun Dev Sharma, PhD in French and Francophone Studies, JNU, New Delhi, UGC-NET (FRENCH)	Assistant Professor
Prof Krishnamurthy (Retd Professor, CFFS, SLL & CS, JNU)	Visiting Faculty
Ms Akshah Nathan MA in French and Francophone Studies, JNU, New Delhi, UGC-NET (FRENCH)	Guest Lecturer
Ms Neelma Misra Sahye, MA, Department of French and Francophone Studies, Doon University	Guest Faculty (Native Speaker)
Ms Shefali Pandey, MA, Department of French and Francophone Studies, Doon University	Guest Lecturer

Faculty Participation:

- Ms Shubhra Kukreti along with Prof Dr Chetana Pokhriyal organized a talk on Awareness on Transgender Lives in India in March 2023.
- Dr Varun Dev Sharma was invited to The Doon School for the Francophonie Day celebrations in April 2023.
- Ms Neelma Misra Sahye attended a 3 days workshop on Content Based Instruction and Curriculum Development organized by the Department of Spanish Studies, Doon University.
- Ms Shubhra Kukreti participated in the 4 days long workshop on Children's literature organized by the Department of English Studies, School of Languages, Doon University in May 2023.
- Ms Neelma Misra Sahye completed the online Certificate Course in teaching of French as a foreign language offered by Alliance Française of Paris.
- Ms Shubhra Kukreti delivered talks on the theme of women empowerment at AIR, Dehradun in April and July 2023.

Collaborations

Université de Liège, Belgium

Wallonie Bruxelles International, Belgium Alliance Française de Chandigarh, India

France Médias Monde, France

Significant highlights of the Department

- The Department organised “Journée belge” on 2nd December 2022. A dedicated section on Belgian literature and culture at the Central Library of the Doon University was inaugurated on this occasion. The books were donated by ISLV ULiège - Université d'été (Université de Liège), Wallonie-Bruxelles International and the Embassy of Belgium in New Delhi.
- The Department participated in International Mother Language Day celebrations jointly organized by School of Languages and Department of Theatre Studies in February 2023.
- Students of MA2nd year participated as interpreters for Mr Mathieu Bertrand for his workshop at DIT, Dehradun in March 2023.
- A screening of *La Noire de*, a celebrated film directed by Ousmane Sembene, was conducted in the Senate Hall, Doon University. The movie screening was preceded by a presentation on Ousmane Sembene by Ms Benita Paul of MA 2nd year.
- The Department celebrated the Festival de la Francophonie from 10th to 13th April 2023. This year, in view of India's presidency of the G20 forum and its focus on South South Cooperation, Senegal, a Francophone country from West Africa, was chosen as the country of honor for the celebrations. The theme of India's hosting of G20 summit “One Earth One Family One Future” was also adopted as the theme of the Department's festival of Francophonie.
- A debate competition “Is sustainable development only for Rich nations?” was conducted for the students of the Department.
- A week long theater workshop was organized for the students of BA 2nd year. The students prepared their own script and staged a performance during the cultural evening of the Francophonie festival.
- Ms Rachel Dziuba, MA student at ISLV, University of Liège and teacher at ASBL interculturelle AGORA, Brussels, had the opportunity to visit the Department for a month and conduct classes, workshops and extra-curricular activities for the students.
- Mr Amit Ojha, Director of Faustine Import Private Limited, conducted a series of two-day sessions on “Career Prospects in French Studies” on 17th and 18th of May 2023 respectively. Mr Ojha shared his insights on the growing demand for language skills in the job market, emphasizing the competitive advantage that French language expert may have.
- In June 2023, students of MA 1st year in French launched a newspaper in French where they presented a semester-long coverage of the events of the Department and the University.
- An orientation programme was conducted for the newly arrived students in BA1st year and MA1st year. All the students in the department were informed about the rules and regulations of the department and the University. Former students of the Department were also invited where they shared their experiences of studying at Doon University.
- The Department conducted games and online Quiz on the occasion of European day of Languages in September 2023.





Invited Lectures

- Mr Aurelien Dumont, Manager Alliance Française Dehradun was invited to conduct a one day theater workshop for the students of French.
- First Secretary of the Embassy of Belgium, Paula Pupe and AWEX Trade Commissioner, Guillaume de Bassompierre delivered a talk on opportunities of higher education in the French-speaking region of Belgium in December 2022.
- On March 2, 2023, Mathieu Bertrand, famous artist and writer of London Venus, conducted a workshop on sketching and Comic Books writing.
- On 14th March 2023, Ms Nidhi Chopra, Manager, Campus France Chandigarh spoke to the students regarding the various scholarships and academic exchange programmes offered by France for Indian students.
- On 11th April 2023, Prof Shubhada Kaul of Jamia Milia Islamia, New Delhi, provided an overview of the evolution of Translation Studies, emphasizing on its role in bridging linguistic and cultural divides.
- On the same day, M. Aboubacar Cissokho, Senior journalist and film critic from Senegal, gave an online presentation on the works of Ousmane Sembène who is known as the Father of African Cinema.
- A round table discussion centered on the importance and prospects of the French language took place as part of the activities of Francophonie Week 2023. It was conducted by our four eminent guests: Mr Arnaud Lion, Deputy Head of Embassy of Belgium, Mr Francis Paradis, Director of Bureau du Québec, Ms Dnyaneshwari Talpade of Bureau du Québec and Prof Shubhada Kaul of Jamia Milia Islamia.
- On 12th April 2023, Mr Aliou Ndiaye, Researcher at UCAD, Senegal gave an online presentation on the artists from Senegalese diaspora in Europe and their contribution to contemporary art.
- Prof Babacar Diop, Director, GIRCI Laboratory, Cheikh Anta Diop University at Dakar was the expert for the second online session on 12th April 2023. His topic was "The philosophy of nature in the thoughts of Leopold Sedar Senghor". Prof Babacar mentioned that although Senghor is primarily studied as a politician and the founder of the Negritude movement, Senghor must also be studied as a philosopher and writer.
- An informative session with Ms Maryline Laidin from Institut Francais en Inde, New Delhi was organized in April 2023.
- Mr Francis Paradis from Quebec Office, Mumbai delivered a lecture in April 2023 on the historical

evolution of French language in Quebec, Canada.

- Mr Amadou Ndoeye, Minister Counsellor from the Embassy of Senegal in India, who was the Guest of Honour for the *Festival de la Francophonie 2023* gave a wonderful speech highlighting the ties that exist between our countries and encouraged the audience to visit Senegal which is a visa free destination for Indians.
- Mr Aurelien Dumont, Alliance Francaise Dehradun delivered a lecture on the usage of French in Senegal. He gave examples of the idiosyncratic French expressions used by the Senegalese speakers.
- In May 2023, Dr Ashish Agnihotri, Associate Professor, Centre for French and Francophone Studies, School of Languages, Literatures and Cultural Studies was invited to deliver three lectures on Francophone literature from North Africa. He gave an overview of the rich literature of the region and informed the students of important works from each of the Maghrebian countries.
- In June 2023, Dr Ashish Kumar, Librarian, Central Library, Doon University organised a demo session on E press Reader, a unique feature of our E library, for the students of Dept of French and Francophone Studies
- In September 2023, the Department celebrated European Day of Languages where Prof Kate Hodgson, Department of French, University College Cork, spoke to the students on Plurilingualism in Europe and highlighted the importance of learning new languages along with preserving the indigenous languages.

Significant Achievements by Faculty Members

Faculty members participated in more than 10 national and international conferences/seminars and made presentations.

Significant Achievement by Students

Aditi Juyal of MA 2nd year was awarded the prestigious Wallonie-Bruxelles International scholarship by the Belgian Government to pursue a training programme for future teachers at University of Liège. This generous award gave her the opportunity to attend the summer programme of 3 weeks and to learn about various teaching methodologies and learning strategies. She had a wonderful and enriching experience during her stay. Upon her return, she did a detailed presentation on her experience and shared her learnings with her classmates. Wallonie-Bruxelles International scholarship is annually offered to one student of the Department either for the improvement of language skills or for the teachers training.



6.4.6. Department of English Studies, School of Languages

Preamble:

The Department of English, established in 2014, is part of the University's multi-faceted School of Languages, offering a two-year Masters program. The Department takes great pride in offering a syllabus which is thoroughly researched, meticulously planned and constantly updated. It aims at developing a competitive and keen academic environment that helps nurture every student individually, instilling the confidence to achieve her/his best, while keeping abreast of the latest national and international developments in literature and theory.

Profile of the Department:

The Department prides its intensive classroom teaching, with an excellent student-teacher ratio and seeks to organize seminars, conferences, workshops, and symposia on a regular basis. The teachers, actively involved in research and publication, mentor students towards developing a keen edge in issues and theories of contemporary significance. The Department is also associated with inter-disciplinary intellectual activities with other language departments within the School of Languages as well as the University at large. Academic support is drawn from other prestigious institutions such as Jawaharlal Nehru University, University of Delhi, Jamia Millia Islamia, New Delhi; H.N.B. Garhwal University, Srinagar and Gurukul Kangri University, Haridwar and Center for Contemporary Theory, Baroda with leading academics from such institutions regularly visiting to take part in Advisory Committee meetings along with acting as guest/adjunct faculty—conducting workshops, lectures and talks for students.

Vision and Mission Statement:

We aspire to work towards achieving the status of being a Centre of Excellence in times to come. The Department seeks to conduct research and development in various spheres of English Literature, language and Culture Studies. Thrust areas include conducting original research and evolving foundational theory in Indian Writing in English along with a study of writings from Uttarakhand and adjoining areas translated into English.

Faculty Members:

Name	Designation
Dr Chetana Pokhriyal, Ph.D., CCS University, Meerut	Associate Professor & Head
Dr. Richa Joshi Pandey, Ph.D., H.N.B. Garhwal University	Assistant Professor
Dr Manjulika Gogoi, Ph.D., H.N.B. Garhwal University	Assistant Professor (Guest Faculty)
Ms Aditi Bist, MA, PU.	Assistant Professor (Guest Faculty)
Ms Gazala Khan, Ph.D., Kumaon University	Assistant Professor (Guest Faculty)

The Department of English offers a two-year Masters program and a three-years BA English Hons since 2014 and 2018 respectively. Since 2022, the Department has also introduced PhD program in English. The Department seeks to undertake research in various aspects including Indian Writing in English, Translation Studies, Cultural Studies, Diaspora Studies and other inter-sectional studies.

Collaborations

The Department of English has ongoing collaborations with the following academic bodies:

- Sahitya Akademi, New Delhi
- Balwant Parekh Centre for General Semantics and Other Human Sciences, Baroda
- Forum of Contemporary Theory, Baroda
- Room to Read, Dehradun Chapter.

Significant highlights of the Department

- **Elysian: Meet the Author Series Mr. Anil Raturi (14th February, 2023)**

As part of the Meet the Author Series, the Department of English invited Mr. Anil Raturi, author of *Bhanwar: Ek Prem Kahani* and former DGP of Uttarakhand. He had a captivating session with students and interacted with them on a range of issues.

The department also launched the first edition of the E-magazine, *The Pegasus* which exhibited the literary creations of the students.



- **Face-a-Book Challenge**

The Department of English in collaboration with the Central Library of Doon University, organized Face-a-Book Challenge to spike up the interest of the students in exploring new genres while staying true to the traditional reading practices. It was 4-day event from 16th to 19th November, 2022, led by Prof. Ashish Kumar, Chief Librarian of Doon University.



- **International Mother Language Day**

On 21st of February, Elysian, in collaboration with the School of Languages organized a Panel-Discussion on the topic *Sanrakshan, Bhasa, Sasnskriti aur Kala* in order to celebrate International Mother Language Day. The esteemed guests and panellists included Mr. Anuj Joshi, Film Director; Garh Ratan Narendra Singh Negi and Mr. Lokesh Ohri, Antropologist, along with the Vice-Chancellor of Doon University, Dr. Surekha Dangwal.



- **Face-to-face with Ms. Aditi (First Certified trans-Woman of Uttarakhand)**

The Department of English held a gender sensitization and awareness event for its students, where Ms. Aditi, the first certified trans-woman of Uttarakhand was invited to share her experiences and insights.

• **Interview: Special Women's Day Edition with Vice Chancellor**

For a special women's day edition of the Pegasus, the students of the Department of English interviewed the Hon'ble Vice Chancellor of Doon University, Prof. Surekha Dangwal, who shared her experience as a leader in the field of education.



• **Interview: Radha Raturi, IAS**

For a special women's day edition of the Pegasus, the students of the Department of English interviewed IAS Officer Radha Raturi, Additional Chief Secretary of Uttarakhand, who talked about the various aspects of her experience as a leading woman in the field of administration.



- **Round-Table Discussion (Elysian+ Economic Discussion Forum) on Women Empowerment and Gender Sensitization Forum (24th March 2023)**

To celebrate the month of March as month of women, Elysian, the Literary Society of Department of English collaborated with the Economics Department of Doon University for a round-table discussion on the topic of women empowerment with the themes of tackling wage gap, depiction of women in entertainment industry, participation of women as political and executive heads and changing the conventional idea of feminine identity. The event was executed in five vertical sessions spearheaded by the PhD Scholars of English Department.



- **Meet the Author Series: Kamna Chandra**

On 29th April, 2023, Elysian, the Literary Society of English Department, Doon University, organized a book discussion session in continuation with an endearingly intriguing event of the literary society under the banner of Creative Rendezvous: Meet the Author series. The discussion on "Prem Rog", a was held with the author of the book Mrs. Kamana Chandra, a renowned author and screenplay writer.



- **Workshop on Children's Literature (2nd-5th May 2023)**

On 2nd May, 2023, Tuesday, the Department of English, School of Languages, Doon University, in collaboration with Room to Read, organized a 4-Day Workshop in order to finalize the curriculum for a Children's Literature Course.

- **Two-week long Theatre Workshop for School going Children (9th to 24th May 2023)**

Under the aegis of Women's cell IQAC, School of Languages and Department of Folk and performing Arts came together to conduct a two-week long theatre workshop for children aged between 4 to 14 years old. The event culminated with a theatrical presentation by the student on 24th May 2023.



- **Literati Fiesta (Vatsalya and Elysian) (6th May 2023)**

Vatsalya: The Debating and Literary Club of Doon University, collaborated with the Department of English to organize the Literati Fiesta, a workshop led by Ms. Seema Saxena, MD of Jashn Events. It was followed by a bilingual poetry competition in which students from various departments showcased their poetic talent.



6.5 School of Management

Vision

With a passion for academic excellence and uncompromising human values the School of Management aims at improving the quality of life in organisations and society. In consonance with the vision, SoM strives to offer an education which is not just leading to a degree, but one that makes students capable of responding to the needs of the organizations and society. The school aims to create a unique and futuristic space of global reckoning so as to nurture the finest management thinkers in the pursuit of developing innovative, socially responsible and environmentally friendly practitioners, leaders and educators. The School strives to accomplish the vision by (a) learner-centric pedagogy – knowledge and skills (b) value based growth (c) synergy between intellectual development and efficiency in a competitive environment.

Visualizing the industrial needs of the 21st century, the School offers 2 year MBA and 5 Year Integrated MBA programme. Case Discussion, Management Games, Role playing exercises, organization development interventions are the regular inputs given to the students along with theoretical aspects to shape them into better managers of tomorrow. The School has a highly qualified and well-experienced faculty in the major functional areas of management.

The students and the faculty of the school have access to a huge collection of books and nearly 30 national and international journals pertaining to Management discipline in the library. The School is equipped with Computer Laboratory and the latest statistical software like SPSS. Virtual Classroom facility is planned to be accessible to students to interact with eminent experts and management professionals.

Profile of Management Faculty Members

Name & Qualifications	Designation
Prof. H.C. Purohit Ph.D, Marketing	Professor Head of the Department
Dr. Gajendra Singh Ph.D, Marketing	Associate Professor
Dr. Reena Singh Ph.D. Human Resource Management	Associate Professor
Dr. Sudhanshu Joshi Ph.D., Supply Chain Management	Assistant Professor
Dr. Ashish Sinha Ph.D, Human Resource Management	Assistant Professor
Dr. Prachi Pathak Ph.D., Human Resource Management	Assistant Professor
Dr. Vaishali Ph.D., Finance	Assistant Professor
Dr. Smita Tripathi Ph.D., Finance	Assistant Professor

The School of Management came into existence in the year 2010. The School has grown up gloriously during the last 13 years. At present, it is among the fully established Schools and Departments of Doon University as well as Uttarakhand. The School offers several courses including Bachelor of Business Administration (BBA), Master of Business Administration (MBA), BCom (Hons.), Executive MBA and Doctor of Philosophy (PhD) in management.

Research Output of the School

- Thrust areas of research at the School are Workplace Spirituality, Emotional Intelligence, Entrepreneurial Strategies and Cross Culture Relationship, Supply Chain Management, Sustainable Performance, Green Marketing, Resonant Leadership, Organisational Schizophrenia and Financial Inclusion.
- School has published total 138 publications in management journals of international repute.
- UGC, ICSSR, IFAD, JICA and Swiss Government have provided research grants to the faculty members of the School.

Industry-Academia Interface and Corporate Linkages

- School of Management has a strong linkage with industry experts from BHEL, ONGC, British Paints, Reliance Industries, Big Bazar, LBF Travels and Lenskart.

Significant Achievements of the Faculty Members

- Prof. H. C. Purohit is the recipient of prestigious Best Business Academic Year (BBAY) Gold medal 2022 by Indian Commerce Association. He is life member of Indian Society for Training and Development, New Delhi. He is the founding member of Dehradun Management Association, Regional Chapter of AIMA. He has chaired technical sessions and delivered key note lecture in various national and international conferences (2022-2023). He has organised several seminars, webinars on contemporary issues and conducted several capacity building programmes as Director on “Research Methodology Course for PhD Scholars of Social Science discipline and has published several papers in journals of repute.
- **Prof. Gajendra Singh** is the visiting scholar with School of Business Administration, Oakland University, Michigan, USA since 1st November 2003 and associated as Visiting Professor with Department of Economics Russia, Linton College Kolej University Malaysia, University of Vietnam And Graduate School of Management, St. Petersburg University, Russia. He was associated as member of Executive Council of Sri Dev Suman University, Tehri Garhwal, Uttarakhand and professional member of AIMS International Association of Indian Management Scholars, USA. He is the editor of several reputed journals and serving as Editorial Board Member of International Journal of Management and Science, New Delhi. He has conducted capacity building programme as Director, on “Research Methodology Course for PhD Scholars in Social Sciences” sponsored by ICSSR, New Delhi in 2017.
- **Prof. Reena Singh** prepared a module on “Evaluating Tourist Motivation and Travel Destination” MOOC programme on Tourism and Hospitality Services Management for SWAYAM portal of MHRD, Govt. of India. She has chaired Technical Session in National Conference on “Vision Uttarakhand 2040: Agenda for Socio- Economic Development” organised by Center for Public Policy, Doon University. She has conducted training programme on “Self-Awareness” for Senior Managers in BHEL Haridwar in 2021. She delivered lecture on Gender and development: Policies and practices at 53rd Capacity building Programme in Field Administration for the civil servants of Bangladesh organized by National Centre for good Governance (Department of Administrative reforms and Public Grievance, GOI). She has organized number of workshops on Research methodology for Scholars of Social Sciences.

- **Dr. Ashish Sinha** has conducted training programme on “Design Thinking” for engineers at middle level BHEL, Haridwar in January 2023. Another Training programmes was conducted by him at DRDO on resonant leadership in August 2023. He has been regularly reviewing articles for Jamshedpur etc. as a STRONG[®] certified career guide. He has been regularly guiding students at plus two and graduation level.
- **Dr. Sudhanshu Joshi** In the academic year 2022-23, Dr. Sudhanshu Joshi continued his association with the University of Technology Sydney (UTS) in Australia, a well-regarded institution ranked 90th in the QS World Rankings. In this capacity, he holds the position of Visiting Professor focused on research activities. Dr. Joshi also plays a pivotal role as the coordinator of the PM Gati Shakti Centre of Excellence in Logistics and Supply Chain Management at Doon University. This center operates in collaboration with the Directorate of Industries, Government of Uttarakhand, and is dedicated to advancing expertise in logistics and supply chain management. Furthermore, Dr. Sudhanshu Joshi serves as the nodal officer for the PM Gati Shakti National Master Plan, where his contributions have been instrumental in establishing a Memorandum of Understanding (MoU) with the prestigious Indian Institute of Management (IIM), Mumbai, to harness the benefits of the PM Gati Shakti National Master Plan. In his distinguished academic career, Dr. Joshi has been invited to deliver lectures at various central universities and institutes of national importance, including ICAR, Central University of Kerala, HNB Garhwal University, UCOST, National Institute of Agricultural Extension Management (MANAGE), National Centre for Good Governance (NCGG) in Mussoorie, and Kumaon University. Dr. Joshi holds a significant role as a member of the expert committee for the Young Professional Induction Program Cell within the Training & Learning Bureau of the All India Council for Technical Education (AICTE). Additionally, he serves as a resource person in the Information and Communication Technology (ICT) domain under the Malaviya Mission initiated by the University Grants Commission (UGC). Notably, Dr. Sudhanshu Joshi is recognized as one of the most cited authors in the field of Operations and Supply Chain Management. His research work includes three articles that rank among the top 10 articles according to the Indian Research Information Network System (IRINS) at Doon University. He is actively engaged with esteemed journals, where he serves as a member of the editorial reviewer board and currently holds the position of guest editor for Systems and Processes Journals. Moreover, Dr. Joshi is a Co-Project Director in a major project granted by the Indian Council of Social Science Research (ICSSR) for the academic years 2022-23 and 2023-24. Additionally, he has successfully overseen two AICTE Sponsored ATAL Faculty Development Programs (FDPs) under the PM Gati Shakti Scheme. In these programs, he has served as a co-coordinator, on the themes- digital supply chain management and supply chain resilience.
- **Dr. Prachi Pathak** has been awarded training competency in “Emotional Intelligence” by European Community for Neuro- Linguistic Programming. She is the member of INDAM, an affiliate of premiere management research and education body of management researchers, Academy of Management, USA. She has conducted training programme on “Employee Well-being and Mindfulness” for middle level managers in Bharat Heavy Electricals Limited, Haridwar in 2021. She has been nominated as Co-Director of “Research Methodology Course for Faculty Members and Research Scholars in Social Sciences” by ICSSR, New Delhi (2017 - 2019).
- **Dr. Vaishali** has been invited as resource person for the Research Methodology Course organised by Doon University in 2019. She has been the recipient of Best Paper Award by Research Development Association, Jaipur in 2015.
- **Dr. Smita Tripathi** has been awarded the title of Lieutenant in March 2021. She has been invited as a resource person in the webinar on “Post Covid-19 Risk Return Dynamics of Share Market” organised by Doon University in 2020. She delivered a lecture on “Financial Literacy and Financial Planning in SS

College, Maharashtra in 2021. She has been awarded certificate of excellence for National Integration Awareness Programme and DO letter for exemplary performance by Officers Training Academy, Gwalior in 2021. She has been designated as Coordinator for Psychological Support for COVID-19 Pandemic organised by Doon University in collaboration with Ministry of Higher Education in 2021.

New Faculty Addition in the School of Management

1. **Dr. Rajeev Kumar** is an Associate Professor at Doon University, Dehradun. He received his 2. MBA from Indian Institute of Technology, Roorkee (Formerly University of Roorkee) and Doctorate from Uttarakhand Technical University (State University), Dehradun. He is UGC-NET qualified in Management and has more than 23 years of combined experience in Academics and different Organizations. He has attended many national and international conferences and also contributed research papers in many top B and C rated and Scopus indexed journals. Dr. Rajeev is a life member of All India Management Association Delhi and life member of Chartered Management Institute of London. The interest areas of Dr. Rajeev are Mindfulness, Neuromarketing, green marketing and Sustainability.
3. **Dr Swati Bisht** is an Associate Professor in the School of Management. She will also be the Director Training & Placements of Doon University. She has over 21 years of rich experience in Academics & Academic Administration. In academic Administration she has a rich experience in both Training & Placement and Branding of over 19 years. She has published a large no of research papers in top ABDC and Scopus indexed journals.
4. **Dr. Priyank Kumar Singh** working as an Assistant Professor in School of Management, Doon University. He completed his high school from Sherwood College, Nainital. He graduated in Bachelor of Engineering in Electronics and Communication Engineering from Thapar University, Patiala with Master of Business Administration in Marketing and Entrepreneurship, he has a PhD Degree in Management from Doon University, Dehradun. He has written several research papers in various journals. He has participated in various conferences at National and International level as a paper presenter. Also, a voracious reader and a sports lover.

Significant Achievements of the Students

- Dr. Aishwarya Pratap Singh received the prestigious Governor's Research Award. For Best research paper in Social Sciences. He also received a cash award of Rs 30,000 on 21st April 2022.
- Ms. Shalini Srivastava, Ms. Shalu Rathi and Ms. Ankita Bajpai became the recipients of ICSSR doctoral fellowship during their PhD programme for the duration 2017-2019.
- Dr. Manu Sharma was enrolled under the supervision of Prof. H. C. Purohit for her Post-Doctoral Fellowship sponsored by ICSSR, New Delhi (2017-2019).
- Ms. Priya Saini (a research scholar) became the recipient of Post – Doctoral Fellowship in Department of Management Studies, IIT Roorkee in 2021.
- Mr. Manjib Bhuyan (a research scholar) was invited to associate as Academic Advisor with University Technology Malaysia Franchise, UTM-QIU (Q.S Ranking 173 top University worldwide) Ankara (Turkey) in 2019.
- Ms. Shalini Srivastava, research scholar received the offer to associate as business lecturer with Global Banking School, Manchester, United Kingdom in 2020.
- Mr. Gaurav Tiwari, Research Scholar participated and presented the paper entitled “Coupled Behavior of Spirituality at Workplace and Organisational Commitment in Networked Organisations” in Irish Academy of Management Conference, Dublin in August 2021.

- More than 10 students of MBA and IMBA programme have qualified NET examination.
- Two students of BCom (Hons.) have cleared Bank Probationary Examination in August 2021.
- Some students have secured their placements in reputed organisations like Bank of America, Oriental Bank of Commerce, HDFC Bank, ICICI Bank, Kotak Mahindra, BHEL, Byjus etc.
- Mr. Rahul Tyagi (an MBA student) qualified UPSC examination and is employed as Deputy Labour Commissioner (Central), Class I Officer, Dehradun since 2015.

Salient Academic Highlights of the School

- Inauguration of new building of School of Management by Hon'ble CM Shri Pushkar Singh Dhami
- MOU was signed with HNB Uttarakhand Medical Education University to run MBA Healthcare management.
- Two Books of the SOM faculty were released by Honorable CM on 2nd August 2023 namely
 - Changing Paradigms in Business Technology edited by Ashish Sinha, Prachi Pathak and Vaishali Kishore
 - Innovative Management practices : The road ahead edited by H C Purohit, Prachi Pathak, Smita Tripathi
- Establishment of PM Gati Shakti Centre of Excellence (CoE) in Logistics and Supply Chain Management
- Establishment of Centre of Innovation, Incubation, Entrepreneurship and Industrial Relationship (CIIEIR)
- MoU is signed between Doon University and Indian Institute of Management, Mumbai on 1 September 2023 to foster the benefit through Joint research and capacity building activities (including Faculty and Students Exchange, symposium, conferences and training programme to the stakeholders), in the area of Logistics and Supply chain Management
- MoU for industrial partnership is signed between Doon University and SIDCUL Manufacturing Association, Uttarakhand on 04 May 2023 to foster the mutual interest in the fields of collaborative research, training and development, consultancy a
- The School of Management continuously strives to conduct and organise programmes and academic activities which are essential for knowledge enhancement and academic rigor. The activities organised by SoM are following :
- Eminent faculty from institutions of repute like IIT Roorkee, IIT Delhi, NIFTEM, IIM Kashipur, and IIM Rohtak are invited for academic deliberations on a regular basis.
- To achieve the objective of establishing the corporate linkages, the School organises regular interactions with the industry through seminars, guest lectures, conferences, and corporate meets etc. School organises industrial visits on regular basis to sharpen the managerial and creative talents in the students.
- The School provides regular assistance and mentoring to the students for completing summer training projects.
- The School has organised various workshops, webinars, seminars and conferences in the recent past. Such events include: (i) national webinar on “National Education Policy: Nurturing Global Mindset” in September 2021, (ii) national seminar on “Spirituality and Well-being” in collaboration with Dehradun Management Association in April 2021, (iii) online webinar on “Personal Finance Management including Mutual Funds during & after COVID-19” in 2020, (iv) Prestigious Executive Council Meeting of All India Commerce Association in 2019, (v) Programme entitled “Awareness Spread and Strengthening of Minority Welfare Schemes” in collaboration with Ministry of Minority Affairs and Delhi School of Professional Studies and Research in 2019, (vi) national conference on “Vision Uttarakhand 2040: An agenda for Socio-Economic Development” in association with Center for Public Policy, Doon University, Dehradun in 2019, (vii) Research Methodology Course (duration 10 days) for M.Phil. and Research Scholars in Social Sciences sponsored by ICSSR, New Delhi in 2019, (viii) the Cleanliness Drive under the initiative of Corporate Social Responsibility in 2018.

6.6 School of Design



The School of Design offers a four-years Bachelor of Design program. The teaching pedagogy lays emphasis on creative thinking and critical analysis. Hands-on approach is adopted as much as possible to enhance the learning experience of the students. The programme focuses on nurturing the creative aptitude in each student and develops their ability to evolve in the process of problem solving. Emphasis is given to design education in relation to our ecosystem; the society that we live in as well as the environment, which we need to preserve. The design process needs to take into account the underlying anthropology of context reduced to anthropometrics, ergonomics and consumer psychology & sociology. In everything that surrounds us, there is no area that is untouched by design. This discipline as a problem-solving mechanism that emanates into making lives and the planet better takes up an important place in current and future age.

Electives from two specializations are offered to students: (i) Graphic Design: 4 Year Course (01 year common + 03 years discipline specific) and (ii) Product Design: 04 Year Course (01 year common + 03 years discipline Specific). From 2021, the School has implemented NEP curriculum, offering students the flexibility of choosing electives from all the programmes offered across the University to create a strong inter-disciplinary learning ethos.

- The School of Design stresses on vocational, practice-oriented design education and offers studio infrastructure at par with other national institutes.
- The school has created strong relations with the design fraternity and the industry in Uttarakhand and elsewhere. The curriculum is oriented to educate and impart skills to students geared to meet the requirements of the burgeoning design ecosystem in India.
- Our vision is to be one of the leading Design Schools in India with a strong presence in research and services. We aim to educate responsible designers who are creative thinkers who have skills to conceptualize and develop their designs in a professional capacity. As part of the prestigious Doon University, we will strive to have a multi-disciplinary approach and explore inter-linkages of design with the social and natural sciences.
- The School of Design will also endeavour to foster design education in the state of Uttarakhand and raise design awareness at all levels of education.
- The School of Design will aim to encourage indigenous design solutions, building upon traditional knowledge systems. It will encourage universal and accessible design solutions for the masses.

4 Research Output of the School in 2022 - 23

- Dhaundiyal D. (Ed.) (2023), **25 seeds for Sustainable Livelihoods**. Doon University, Dehradun & SPMG Uttarakhand, National Mission for Clean Ganga. ISBN 978-93-5913-196-2
- Dhaundiyal, D., and Dangwal, S., (2023) **Gendered Identity in Community and Crafts of Himalayan Weavers**. Litinfinite, vol. 5, no. 1, July 2023, pp. 15-25, doi:10.47365/litinfinite.5.1.2023.15-25.
- Dhaundiyal, D. and Sharma, N., 2023, **DIY Bus: Exploring Boundary Objects in Participatory Design Research**, Paper presented at “From Abstractness to Concreteness - experiential knowledge and the role of prototypes in design research”, International Conference 2023 of the DRS Special Interest Group on Experiential Knowledge (EKSIG), Department of Design, Politecnico di Milano, Italy, 19-20 June 2023
- Dhaundiyal, D. and Dangwal, S. (2023), **Gendered Identity in Community and Crafts of Himalayan Weavers**, 14th European Social Science History Conference (ESSHC) 2023, Gothenburg University, Sweden, April 12-15, 2023
- Dhaundiyal, D. and Dangwal, S. (2023), **Women who weave: Gender roles in basketry crafts of the Himalayas**, RGS-IBG Annual Conference 2023, Royal Geographical Society (with the Institute of British Geographers), Imperial College, London, Aug 30 - Sep 1, 2023
- Dobhal H. and Dhaundiyal D. (Eds.) 2023, **Women on the Rise**. Samaya Sakshaya and Doon University, Dehradun. ISBN 978-93-93355-93-5
- Negi, S. and Dhaundiyal, D. (2022), **Participation of Women in Community and Crafts of Uttarakhand**, Paper Presented in International conference on Bhartiya Women: A True Perspective, Doon University, Dehradun, 25-26 November, 2022
- Dhaundiyal D. (Ed.) 2022, **Aragami: SDG Goalkeepers 2021 | Stories from Uttarakhand**, Centre for Public Policy & Good Governance, Government of Uttarakhand & UNDP. Printline Publishing, Dehradun. ISBN 978-93-5768-471-2 https://cppgg.uk.gov.in/?page_id=2589
- Dhaundiyal D., & Pant R. (2022) **Tools for virtual brainstorming and co-creation: a comparative study of collaborative online learning**, EDDE 2022, Design Education Conference, Connected: The Virtual Design Classroom, Indian University Southeast, USA & IDC School of Design, IIT Bombay, India 1-3 September 2022 <https://eddeconf.us/wp-content/uploads/2022/09/EDDE-2022-Conference-Schedule-A4-Updated.pdf>
- Dhaundiyal, D. and Sharma, N., 2022, August. **Exploring Boundary Objects in Artefact Based Probes in Capturing Tacit Knowledge**. In Proceedings of the Participatory Design Conference 2022-Volume 2 (pp. 208-209). <https://doi.org/10.1145/3537797.3537830>
- Dhaundiyal, D., and Sharma N. (2022), **Tacit need capture through participatory research to increase female access to public transport in new Indian cities**, RGS-IBG Annual International Conference 2022: Participatory methods for recovery and transformation, Royal Geographical Society (with the Institute of British Geographers), 30 August-2 September, 2022

5 Collaboration of the School at National/International Level

School of Design works in collaboration of both public and private institutions in various capacities. In 2021-22, School of Design worked with:

Important collaborations with leading private organisations in Uttarakhand are:

- School of Design, IIT Roorkee for prototyping skills and incubating innovation
- UNDP & Centre for Public Policy and Good Governance, Government of Uttarakhand
- SPMG National Mission for Clean Ganga
- National Institute for the Empowerment of Persons with Visual Disabilities (NIEPVD)

6 Significant Achievements of the Faculty Members

Ms Dhriti Dhaundiya was awarded Major Projects from Indian Council of Social Science Research (ICSSR) & Uttarakhand State Council for Science & Technology (UCOST) in 2022-2023. She is the Nodal Officer for SPMG Namami Gange Mission for the University. Her research work on feminist paradigms, public transport and participatory design has received academic recognition. She is an industry veteran with over 14 years of experience.

Mr Atul Shah and Ms Dhriti Dhaundiya designed 2D and 3D murals at Vigyan Dham in Dehradun for the Uttarakhand State Council for Science & Technology (UCOST) with SoD students. Mr Atul Shah led a student team to participate in the Mural Painting Competition organized by Smart City Dehradun. His specializations are painting, sculpture, animation and illustration.

7 Significant Achievements of the Students

Placements

The students of School of Design secure remarkable placements in the industry. They have been consistently placed in design firms in Delhi, Bangalore, Ahmedabad and Kolkata. Their work has been lauded for its fresh approach and integrity of the design process. Some examples are as follows:

Amrita Kumari (2015 Batch)	: Placed in Dabur
Pragati Srivastava (2015 Batch)	: Placed in Nagaro
Nidhi Chhimwal (2015 Batch)	: Placed in Liberty Shoes
Arpna Kumari (2015 Batch)	: Placed in RP Autostyles
Paridhi Kharbanda (2016 Batch)	: Placed in Wonderchef
Sanu Shreya (2017 Batch)	: Placed in Deptt. Of CSE, IIT Bombay
Urvashi Panwar (2017 Batch)	: Placed in Techchasers
Mohd. Bilal (2018 Batch)	: Placed in Diacoustic Labs Private Limited
Harshit Taneja (2018 Batch)	: Placed in Bakarmax
Dev Bharti (2018 Batch)	: Placed in Noise Audio
Bhumika Benjwal (2018 Batch)	: Project with UNDP/CPPGG, Govt. of Uttarakhand
Monika Dangwal (2018 Batch)	: Project with UNDP/CPPGG, Govt. of Uttarakhand

Student Progression into Higher Education

Students of School of Design have chosen diverse and specialized fields for their higher education, reflecting their academic versatility and excellence.

- Anubhav Kukreti is enrolled in the MDes program in Interaction Design at the National Institute of Design, Bangalore.
- Utsav Baluni is studying MDes in Service Design at Hochschule Anhalt, Dessau, Germany.
- Divya Rawat is continuing her education with an MDes in Product Design at IIIT Jabalpur.
- Aditi Bhatt is pursuing an MDes program at UCLA in London.
- Apoorav Kumar is enrolled in the MDes program in Graphic Design & Visualisation at Longborough University in the UK.
- Yash Sharma is studying Transportation Design in an MDes program at Coventry University, UK.
- Sneha Negi is pursuing an MDes in Interior Design at Coventry University, UK.

- Sanu Shreya is enrolled in an MS program in Human Factors-Ergonomics/User Experience at San Jose State University, USA.

Successful Self-Starting Entrepreneurs from School of Design

- Nitaksha Chauhan of the batch of 2015 has founded Taksha Design studio, working on interior projects in Dehradun & Rishikesh, specialising in 3D models.
- Sneha Negi, Abhinav Bahuguna and Divya Rawat from the batch of 2015 have co-founded Door Designs, an interior turnkey project studio that works all over Uttarakhand.
- Talhayar Khan from the batch of 2015 has been doing projects in Exhibition design for Government of Uttarakhand and various NGOs.
- Aditya Verma from the batch of 2016 is a film maker, working for organizations in Madhya Pradesh. His films have won many national and international recognitions.
- Soham Sudi from the batch of 2017 has set up a Board Game Design firm called Loop. Loop is a board game that uses different therapeutic activities to calm your mind and help filter your thoughts. An Eco-friendly game. Everything that goes into Loop has been created by either up-cycled material or eco-friendly material.
- Pooja Saklani from the batch of 2017 has set up Mori™ startup in Srinagar on Uttarakhand related design artefacts and souvenirs. She has an online store that sells designed goods and souvenirs all over the world.

8 Other Salient Academic Highlights of the Department

- School of Design organized a 48 hour National Design Hackathon with participation of over 442 students from 88 Universities and Colleges across India in collaboration with Arth Ganga and SPMG Namami Gange, Uttarakhand.
- School of Design conducted field research and documented Sustainable Development stories from Uttarakhand heartlands, publishing it in the form of 'Aragami', a book that cover 27 exceptional stories of award winning endeavors in sustainability
- School of Design organized the Namami Gange Swachhta Pakhwada in 2022 in coordination with SPMG Namami Gange, Uttarakhand.
- School of Design organized Katha Sangam 2022 in coordination with SPMG Namami Gange, Uttarakhand, conducting story telling workshops and distributing over 1000 books in schools in Dehradun.
- School of Design also organizes regular workshops to build skills and conceptual ability. Some of our recent workshops include Cinematic Colour design, Sketching for Visualisation, Tie & Dye, Bamboo furniture making, Linocut printing, Aipan painting etc.
- School of Design holds a monthly Design Choupal, where practicing designers and design educators are invited to share experience and expertise with the students to prepare them for professional practice.
- School of Design has established the Namami Gange Vatika in 2021. We have adopted a greenspace in the University, planting many trees and creating spaces for students to interact with nature.

6.7 School of Physical Sciences

6.7.1 Department of Mathematics

Department of Mathematics in Doon University was started in 2015 as a part of School of Physical Sciences (SoPS).

A two-year postgraduate course in Mathematics and five year integrated MSc course was started in year 2015. There are three regular faculty Department of Mathematics all with Ph.D. degrees, to respond to the needs of mathematics students. The focus of the department is to provide excellent education that enables the students to enter various fields of sciences and to make them eligible for wide range of relevant fields. The Department of Mathematics is located in the Composite Laboratory Building.

Mission& Vision of Mathematics Department:

Our mission is to provide students experiences in mathematics that will empower them to succeed in an ever changing society. This is accomplished through our commitment to excellent teaching, a well-designed curriculum, and a supportive environment.

To support our mission, we are committed to professional development, ongoing curriculum assessment and design, effective teaching techniques, and the use of technology to supplement instruction.

Our vision is to provide excellence in education for all students. We will assess and design courses and learning experiences that promote the academic achievement and the personal and social growth of students. Students will be able to appreciate and apply mathematical knowledge and skills to their daily lives, careers, and future educational plans.

Programs

Degree Programs

The Mathematics Department has the following degree options:

1. **Master of Science (Mathematics): 02 years Programe.**The Master of Science in Mathematics was started in 2015 on the entrance basis. There are 20 lateral entry seats approved.
2. **Master of Science(Integrated): 05 years Programe**
The MSc (Integrated) programe have been designed as per the latest guidelines of UGC by following CBCS system. The core courses are supplemented by a combination of elective course run by the department.
3. **PhD – Mathematics**
From the academic session 2016-17 PhD program started in mathematics.

Faculty

Dr. Sarita (Assistant Professor), In-Charge-Head.

Expertise: Computational Biomechanics, Mathematical Modeling, Fluid dynamics, Numerical Analysis, Differential equation.

Email: saritamath@gmail.com

Dr. Asha Ram Gairola (Assistant Professor)

Expertise: Approximation Theory, Real & Complex Analysis, Functional Analysis, Numerical Analysis, Fixed Point Theory.

Email: ashagairola@gmail.com

Dr. Komal (Assistant Professor)

Expertise: Fuzzy reliability analysis, Optimization, Soft Computing, Differential Equations, Numerical Analysis, Operations Research, Fuzzy Sets and Fuzzy Logic.

Email: karyadma.iitr@gmail.com

6.7.2 Department of Physics



Interaction of students and faculties with “Padam Shri” Prof H.C. Verma

About the department:

The Department of Physics was established in the year 2015 and is an active beehive of high quality teaching programs. The department offers BSc Honours with research (4 years), Integrated MSc Physics (5 years), MSc Physics (2 years) and Ph.D. Physics (3-6 years). A MoU has been signed between the University and Instruments Research & Development Establishment (IRDE), a branch of Defense Research & Development Organization (DRDO). The curricula of BSc Honours with research are based on the National Education Policy (NEP) 2020 and integrated M. Sc. program are based upon UGC's choice-based credit system (CBCS) and provides the in-depth study of the subject and the related areas. The foundation of the subject is built through *core courses* coupled with a choice-based specialization of different branches of Physics through *elective courses*.

Vision

“To emerge as a Centre of Excellence in the chosen areas of studies and to carry out research for the advancement and dissemination of knowledge. The University shall be benchmarked with the best in the country and globally.”

The University will be known for following:

- (i) Student and learning-to-learn centered pedagogy supported by a community of eminent teaching faculty and research scholars;
- (ii) Leadership through collaborative educational ventures, and;
- (iii) Value-based learning.

Road Map: The department aims to achieve the following in the area of research and education:

- To become a world-class institution for career building through scientific learning in higher education.

- To build foundation for excellence among its students and researchers.
- To provide a strong platform for research in basic and applied sciences.
- To cultivate the sense of pioneering spirit and innovative thinking around disciplinary domain.

Faculty members between July 01, 2022 and June 30, 2023.

Name	Designation	Duration	Remark
Dr. Vikas Sharma	Assistant Professor	August 2015 to present	Regular
Dr. Himani Sharma	Assistant Professor	August 2015 to present	Regular
Dr. Archana Mishra	Assistant Professor	August 2022 to June 2023	Guest Faculty
Dr. Gaurav Kumar Upadhyay	Assistant Professor	October 2022 to May 2023	Guest Faculty
Dr. Indira Pandey	Assistant Professor	August 2022 to June 2023	Guest Faculty
Dr. Sachin Kumar	Assistant Professor	September 2022 to October 2022	Guest Faculty
Dr. Poonam Semwal	Assistant Professor	October 2022 to June 2023	Guest Faculty
Mr. Amandeep	Assistant Professor	March 2023 to June 2022	Guest Faculty

Number of students admitted in each programme during Academic Session 2022-23 (male & female)

BSc Honours with Research (Physics)	40	24	17	07
M. Sc. Physics	10	10	06	04
Ph D	01	01	00	01

List of Research Publications in Journals: -

1. Pathak, A., Chhoker, S., Singh, P., **Sharma, H.**, & Kumar, R. (2023). Electrochemical studies of halide perovskite and its correlation for photocatalytic applications. *Solid State Sciences*, 139, 107159.
2. Tanwar, M., & Kumar, R. (2022). Unveiling quaternary GeSbSeEr chalcogenides as photocatalyst: Degradation of cationic and anionic pollutant in visible light.
3. Kumari, C., Sharma, P., Katyal, S. C., Tanwar, M., Bamola, P., **Sharma, H.**, ... & Chhoker, S. (2022). Photocatalytic activity of GeSbSeEr quaternary chalcogenide for efficient methylene blue degradation in visible light. *Results in Surfaces and Interfaces*, 9, 100088.

4. Bamola, P., Rawat, S., Dwivedi, C., & **Sharma, H.** (2023). Photocatalytic degradation of methylene blue dye using plasmonic nanoparticles deposited TiO₂ nanorod based hybrids. *Materials Today: Proceedings*, 83, 43-47.
5. Riyal, I., Badoni, A., Kalura, S. S., Mishra, K., **Sharma, H.**, Gambhir, L., & Dwivedi, C. (2023). Antimicrobial activity of synthesized graphene oxide-selenium nanocomposites: A mechanistic insight. *Environmental Science and Pollution Research*, 30(7), 19269-19277.
6. Semwal, A., Sajwan, D., Rawat, J., Gambhir, L., **Sharma, H.**, & Dwivedi, C. (2023). Synergistic C-TiO₂/ZIF-8 type II heterojunction photocatalyst for enhanced photocatalytic degradation of methylene blue. *Environmental Science and Pollution Research*, 30(16), 45827-45839.
7. Rawat, S., Bamola, P., Chandel, S., Kala, H., Dwivedi, C., & **Sharma, H.** (2023). Environmental gas sensing studies using flower-like MoS₂ hybrid structure. *Materials Today: Proceedings*, 83, 39-42.
8. Sajwan, D., Semwal, A., Rawat, J., **Sharma, H.**, & Dwivedi, C. (2023). Synthesis of CdSe QDs decorated ZIF-8 composite for visible light assisted degradation of methylene blue. *Materials Today: Proceedings*, 73, 180-188.
9. Bamola, P., Rawat, S., Pathak, D. K., Sharma, M., Dwivedi, C., Farsinezhad, S., ... & **Sharma, H.** (2022). Photoinduced charge separation at Zn-Pd/TiO₂ hybrids interface for enhanced electrochemical and photocatalytic activity. *Journal of Physics D: Applied Physics*, 55(33), 335501.
10. Bamola, P., Rawat, S., Tanwar, M., Asokan, K., Dwivedi, C., Kumar, R., & **Sharma, H.** (2022). Effect of low energy ion irradiation on TiO₂-based hybrid nanostructures for enhanced photocatalytic activity. *The European Physical Journal Special Topics*, 231(15), 2941-2949.
11. Bamola, P., Rawat, S., Tanwar, M., Sharma, M., Dwivedi, C., Kumar, R., & **Sharma, H.** (2022). Enhanced interfacial charge transfer on strain-induced 2D-1D/MoS₂-TiO₂ heterostructures for electrochemical and photocatalytic applications. *Nanotechnology*, 33(39), 395704.
12. Singh, V., Meena, D., **Sharma, H.**, Trivedi, A., & Singh, B. (2022). Investigating the role of chalcogen atom in the piezoelectric performance of PVDF/TMDCs based flexible nanogenerator. *Energy*, 239, 122125.
13. Yadav, V., **Sharma, H.**, Rana, A., & Saini, V. K. (2022). Facile synthesis of boron and nitrogen doped TiO₂ as effective catalysts for photocatalytic degradation of emerging micro-pollutants. *Journal of Industrial and Engineering Chemistry*, 107, 126-136.
14. Rawat, J., Rawat, S., Juyal, A., **Sharma, H.**, & Dwivedi, C. (2023). Enhancing electrochemical properties of TiO₂ nanotube by incorporation of CdSe quantum dots. *Journal of Nanoparticle Research*, 25(4), 82.
15. Bamola, P., Rawat, S., Dhapola, S., Tanwar, M., Nongjai, R., Asokan, K., ... & **Sharma, H.** (2023). Role of defects and interfacial interactions in ion irradiated noble metal based TiO₂ hybrid nanostructures for improved photocatalytic investigation. *Surfaces and Interfaces*, 39, 102878.
16. Rawat, S., Bamola, P., Rani, C., Kaushik, V., Kumar, U., Dwivedi, C., ... & **Sharma, H.** (2023). Interdigitated electrodes-based Au-MoS₂ hybrid gas sensor for sensing toxic CO and NH₃ gases at room temperature. *Nanotechnology*, 34(30), 305601.
17. Bhatt, A., Singh, V., Bamola, P., Aswal, D., Rawat, S., Rana, S., ... & **Sharma, H.** (2023). Enhanced piezoelectric response using TiO₂/MoS₂ heterostructure nanofillers in PVDF based nanogenerators. *Journal of Alloys and Compounds*, 960, 170664.
18. Rawat, J., Sajwan, D., Garimella, S. V., **Sharma, H.**, & Dwivedi, C. (2023). Boron Nitride Quantum Dots: A Rising Star in Sensing Applications. *Nano Trends*, 100008.
19. Semwal, A., Sajwan, D., Rawat, J., Gambhir, L., **Sharma, H.**, & Dwivedi, C. (2023). Synergistic C-TiO₂/ZIF-8 type II heterojunction photocatalyst for enhanced photocatalytic degradation of methylene blue. *Environmental Science and Pollution Research*, 30(16), 45827-45839.
20. Rawat, J., Kandwal, P., Juyal, A., **Sharma, H.**, & Dwivedi, C. (2023). Synthesis and photocatalytic activity of polymer stabilized cadmium selenide quantum dots-titanium dioxide nanocomposites. *Materials Today: Proceedings*, 83, 48-52.

21. Dimri, P., Rawat, J., Semwal, A., **Sharma, H.**, & Dwivedi, C. (2023). Synthesis and characterization of CdSe decorated ZnO microtubes and their application in dye degradation under visible light. *Materials Today: Proceedings*, 83, 53-58.
22. Bijalwan, K., Kandwal, P., Rawat, J., Kainthola, A., Sharma, M., **Sharma, H.**, ... & Dwivedi, C. (2022). DFT supported experimental investigation of strain induced interfacial modification in Au-Ag bimetallic nanoparticles coated on activated sand. *Applied Surface Science Advances*, 11, 100315.
23. Sajwan, D., Semwal, A., Rawat, J., **Sharma, H.**, & Dwivedi, C. (2023). Synthesis of CdSe QDs decorated ZIF-8 composite for visible light assisted degradation of methylene blue. *Materials Today: Proceedings*, 73, 180-188.
24. Pandey, R. K., Tripathi, A., Kandasami, A., & Sharma, V. (2023). Influence of Li doping on properties of NiO nanocrystals. *Materials Today: Proceedings*.
25. Rawat, S., Bamola, P., Bisht, M., Bhandari, B. S., Dwivedi, C., & Sharma, H. (2023). Temperature dependence Raman spectroscopy studies of CVD grown few layer MoS₂ triangular domains. *Materials Today: Proceedings*.
26. Tripathi, A., Bhushan, V., & Sharma, V. (2023). 60 MeV Si ion beam irradiation induced modifications in the structural and optical properties of Li doped NiO thin films. *Materials Today: Proceedings*, 83, 19-23.

Books Authored/ Edited

1. Rawat, J., Sharma, H., & Dwivedi, C. (2023). One-Dimensional Semiconducting Hybrid Nanostructure: Gas Sensing and Optoelectronic Applications. *1D Semiconducting Hybrid Nanostructures: Synthesis and Applications in Gas Sensing and Optoelectronics*, 1-26.
2. Rana, S., Singh, V., Sharma, H., & Singh, B. (2023). Fluoropolymer nanocomposites for piezoelectric energy harvesting applications. In *Advanced Fluoropolymer Nanocomposites* (pp. 317-358). Woodhead Publishing.

Papers presented in conference/seminar

1. Rawat, S., Bamola, P., Rani, C., Kaushik, V., Kumar, U., Dwivedi, C. & **Sharma H.** (2023). Interdigitated electrodes-based Au-MoS₂ hybrid gas sensor for sensing toxic CO and NH₃ gases at room temperature. *Nanotechnology*, 34(30), 305601, Sant Longowal Institute of Engineering and Technology, Punjab. (May 18-19, 2023)
2. Saharan S., Maurya A., **Sharma H.** , Analysis of solar EUV and X-ray flux during the peak of solar cycle 24 on ionospheric change at low latitude GPS station, Sant Longowal Institute of Engineering and Technology, Punjab. (May 18-19, 2023)
3. Kala H., Rawat S. , Dangwal S. , Bamola P. , Dewidi C. , **Sharma H.** , Plasmonic Au-WS₂ based gas sensors for detecting toxic environmental gases, Mahatma Gandhi University, Kottayam, Kerala, India.(May 12-14,2023)
4. Tripathi H. and Pujari S., Bamola P. , Dangwal S., Rawat S., **Sharma H.** ,2D-1D WS₂-TiO₂ based Heterostructures for Enhanced Visible Light Driven Photocatalytic activity, Mahatma Gandhi University, Kottayam, Kerala, India.(May 12-14,2023)
5. Dr Himani Sharma is invited for delivering a talk at ICLED 2023, conference at National University of Singapore Singapore in in June 2023.

S.N.	Title and Scope of the R&D project/ Associated Faculty	Year in which started	Budgeted projected cost (Rs. in Lakhs)	Remarks* Status: completed/non completed
1	Z scheme based WS ₂ /WO ₃ and TiO ₂ /WS ₂ nanostructures for hydrogen evolution reaction investigation (IUAC) (Dr. Himani Sharma)	August 2022	45000/-	Non completed

(1) Significant Achievements of the Students



Dr Priyanka Bamola, Research Scholar Department of Physics joined post doctoral Fellow UNAM University Mexico.



Vidushi Singh Baghel, MSc Integrated Physics joined Ph D in Ewha Womans University, Seoul. South Korea



Dayakrishan Purohit, MSc Integrated Physics Joined Ph D in Indian Institute of Science (IISc) Bangalore.



Shweta Joshi, MSc Physics joined Ph D in The George Washington University USA



Shivani Dangwal, Research Scholar Physics
awarded with INSPIRE fellowship



Divyanshi Joshi as the project fellow in the
IUAC funded project

- (i) Mr. Pankaj Singh Pokhriyal and Mr. Anubhav Singh qualified the **CSIR-JRF-2023** examination.
- (ii) Two Integrated MSc students namely, Aman Malasi and Shivam Nautiyal qualified **JAM-2023** (Joint Admission test for MSc) examination with a good score.
- (iii) Mr. Ashutosh Sharma joined TIAS business school for MSc in business administration in Utrecht, Netherlands.
- (iv) Mr. Pankaj Pokhriyal joined IIT Delhi for doing M Tech in Solid State Physics.
- (v) Three MSc students and two BSc students presented their work in the international conference.

(2) Other Salient Academic Highlights of the Department

- i. The department has established high end research facilities for both research and academic labs through the research grant from various funding agencies.
- ii. The bachelors and master's students are encouraged to pursue research work in current demanding areas. The master's students have represented the department in various national and international conferences.
- iii. DST-STUTI Program was organized by School of Physical Science from January 27, 2023 to February 2, 2023.



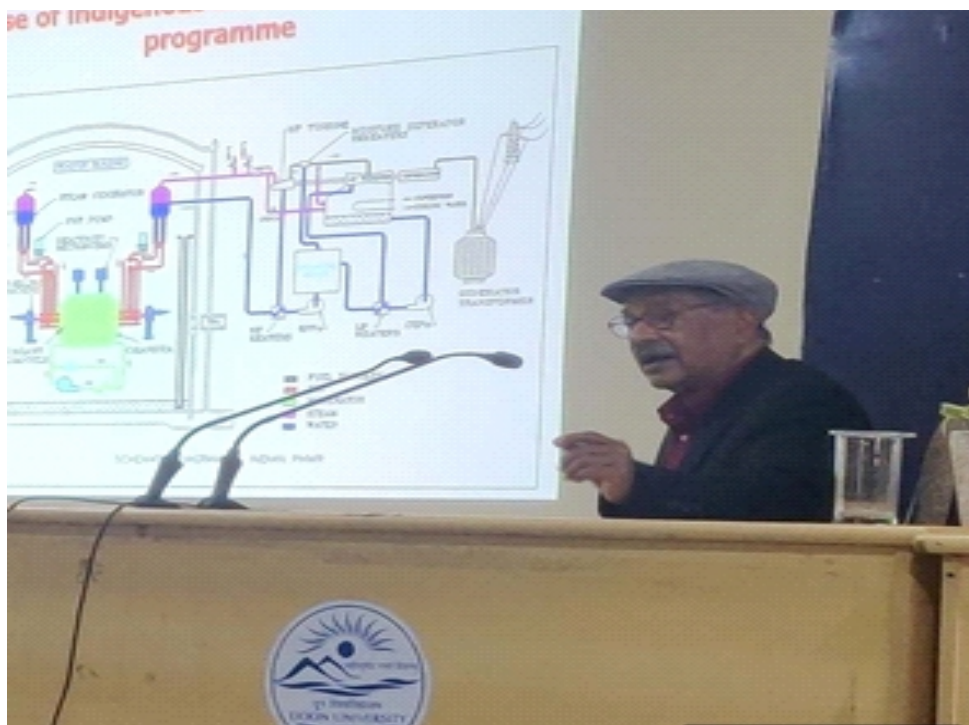
Inaugural Session of STUTI at Senate Hall, Doon University on 27th January, 2023

- iv. Professor Rajesh Kumar, Department of Physics, Indian Institute of Technology Indore (IITI) delivered a talk online on “*Raman Effect: From Scattering to Spectroscopy and Beyond*” on May 24, 2023.



Prof Rajesh Kumar, Department of Physics, Indian Institute of Technology Indore

- v. The Department of Physics organized a seminar on “*Nuclear Power Plants in India and Safety Issues*” on March 15, 2023 (Wednesday). The speaker of the seminar was **Shri Ramesh Chandra**, Senior Scientific Officer, Narora Atomic Power Station (Department of Atomic Energy).



- vi. The Department of Physics organized a workshop on “*Raising Awareness About the Optics Industry in India: Current Landscape and Future Prospects*” on June 23, 2023.



Mr. Prasant Sharma, Director of Operations, Doon Optical System delivered a talk on Optics Industry in India: Current Landscape and Future Prospects

(3) Two or three representative pics/images of departmental activities.



Invited Talk on Thin Film Technology by Dr Bharti Singh from Delhi Technological University under DST-STUTI Program



Interaction of students and faculties with “Padam Shri” Prof H.C. Verma



Glimpse from DST STUTI program held from January 27, 2023 to February 2, 2023

6.7.3 Department of Computer Science

Salient Academic Highlights of the Department of Computer Science, School of Technology

A. MoU with International Center for AI and Cyber Security Research and Innovation Asia University CCRIAU, Taiwan



Figure 1. MoU signing Ceremony between Doon University India and CCRI, Asia University Taiwan

In yet another significant milestone in the academic field of AI and Cyber Security, Doon University has 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. While of tremendous benefit to students and research scholars of Doon University, the MoU facilitates jointly enhancing of cooperation between the two institutes in the field of **computer science and technologies** artificial intelligence, cyber security, machine learning, internet of things, computer vision, health care, mobile security, cloud security, adversarial machine learning.

B Authored book launch by Hon'ble Chief Minister Uttarakhand and SERB Secretary



Figure 2. Book launch on Cloud security by Hon'ble Chief Minister Uttarakhand

Our faculty Dr. Preeti Mishra, Assistant Professor, Department of Computer Science got appreciation and acknowledgement by Hon'ble Chief Minister Uttarakhand (Shree Pushkar Singh Dhami Ji) and SERB Secretary (Prof. Sandeep Verma ji) for her **authored book** entitled, “**Cloud Security: Attacks, Techniques, Tools and Challenges**”, **Taylor and Francis, CRC Press** during inauguration ceremony of Dr. Nityanand Himalayan Research and Study Center and two days advanced professional development program on women researchers in science and technology, sponsored by Department of Science and Technology (DST) SERB on June 02, 2022.

C. Expert Session by Dr. Kallol Karmarkar, University of Newcastle, Sydney

Cyber Security has become one of the crucial areas of concern at national and international level. To acquaint students at Doon University with the current cyber security threats and draw their attention towards the growing advancements and the opportunities of higher education/internship in Australia; Dept. of Computer Science, Doon University organized an expert lecture on the topic “Fundamentals and Applications of Cyber Security” on Sept 16, 2023. The webinar began with the welcome address by Dr. Preeti Mishra, Assistant Professor, Doon University, introducing cyber security expert, Dr. Kallol Krishnan Karmakar, Research Lecturer, Center for Advanced Cyber Security Research, Newcastle University, Callaghan, Australia.



Figure 3. Expert Session by Dr. Kallol Karmarkar, University of Newcastle, Sydney

Dr. Kallol dicussed about Cyber Security concepts and applications and the scope of job and research in this field. He also highlighted software defined network architecture and security and open-source management and orchestration (OpenMano). He mentioned security career paths and cyber security domains for technical and non-technical people. He also shared about his research contributions and expertise in policy analysis and other aspects of the field. Explaining the goal of cyber security to maintain integrity, trust and availability, Dr. Karmakar discussed Software Defined Networks, its functions and threats and encouraged students to look for diversity in functions.

D. Skill development training program on Data Analytics sponsored by Marico Centre for Women Empowerment (COWE) ICT



Figure 4. 100 hr training program on data analytics by ICT Academy and Marico at Doon University Dehradun

Department of Computer Science Doon University in collaboration with the Research and Innovation Cell Doon University organized a 70 hours Data Analytics workshop for women skill enhancement under Marico Centre for Women Empowerment (COWE) ICT Academy in physical mode. The workshop was conducted from March 14-March 31, 2022 in physical mode. Total 82 female participants from different departments of the university registered for the workshop. Prof. Surekha Dangwal, Hon'ble Vice Chancellor Doon University highlighted the importance of data analytics in various sectors. Dr. Narender Rawal, Head (Computer Science) discussed the applications and usage of technology. Mr. Sanjeev Kumar Parajapati, resource person from the ICT Academy trained the students on latest data analytics tools/languages such as for R, Python Language. The workshop was successfully coordinated by Dr. Preeti Mishra, Assistant Professor, Dept. of Computer Science and Mr. Aditya Singh (coordinator, ICT Academy).

Highlight: One of the trained students, Ms. Nikita Naithani availed the placement opportunity by ICT Academy and got placed at Airblack Technologies Pvt Ltd, Gurugram as Business Development Associates with a package of 7.0 LPA.

E. Skill development training program on Power BI sponsored by Honeywell Centre for Women Empowerment (COWE) ICT

Department of Computer Science, Doon University organized a 100 hours workshop on Microsoft Power BI for women skill enhancement under Honeywell Centre for Women Empowerment (COWE) ICT Academy in physical mode. The workshop was conducted from March 15-March 27, 2023 in physical mode. A total of 59 girl students from various departments of the university are registered for the workshop. Prof. Surekha Dangwal, Hon'ble Vice Chancellor Doon University highlighted the importance of skill development programmes and their benefits for creating more employable opportunities for the women. Dr. Narender Rawal, Head (Computer Science) discussed the main theme of the workshop. Mr. Rohit Ranjan (the resource person) covered various fundamental topics on POWER BI such as streaming data, roles of data analytics, identifying the need of data solution, batch data, concepts of POWER BI along with practical hands-on sessions. The workshop is coordinated by Dr. Preeti Mishra (Convenor) and Mr. Aditya Singh (coordinator, ICT Academy).



Figure 5. Doon University is certified as Center for Women empowerment by Honeywell for organizing Power BI workshop (100 hr, physical mode)

F. Project showcase by Computer Science students at Technology Mela Uttarakhand

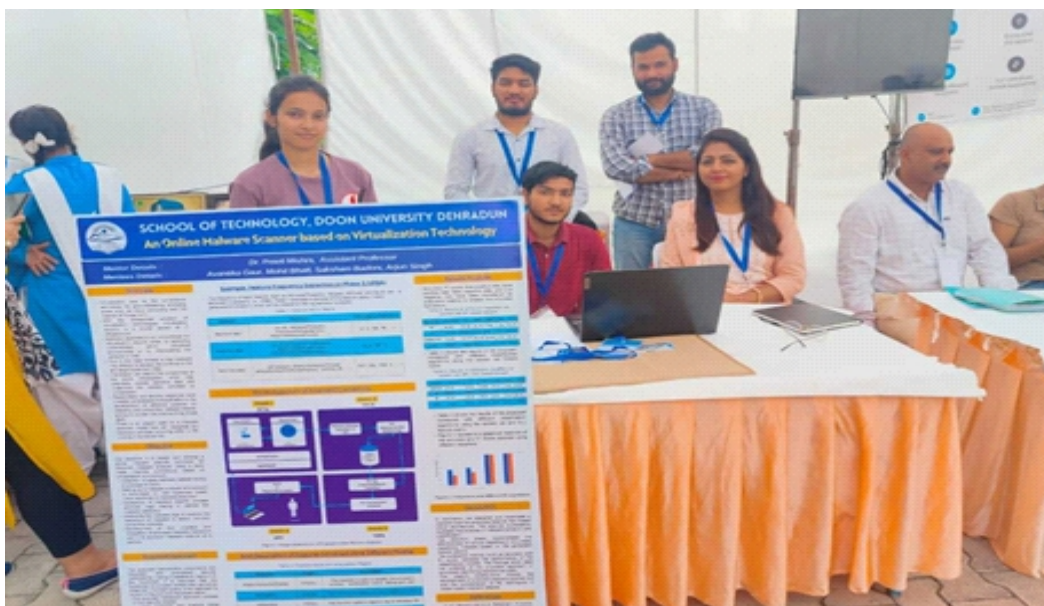


Figure 4. Project showcase by Computer Science students at Technology Mela Uttarakhand (September 26, 2023)

Security holds great significance in this new era of on-demand virtual computing. As software and hardware update daily, malware is also modifying its behaviour rapidly. Some researchers are still working in this area to handle the recent cyber-attacks in critical virtualization ecosystems. The existing research works may not be suitable with the existing updated virtualization environment as they have been validated with older datasets. Advanced Cyber Security Research (ACSR) team developed a security tool based on advanced technologies such as virtual machine introspection and deep learning to handle the state-of-the-art security threats in Windows machine which is proposed to be facilitated as online as a service tool. ACSR team research presented their ground breaking research prototype (security tool) at technology mela 2023, organized by SCERT Uttarakhand and received appreciation by Govt. of Uttarakhand. The committee suggested the filing of the patent for the technology.

6.7.4 Department of Chemistry

Department of Chemistry was launched in year 2015. First and the only academic programme offered by the Department in the year 2015 was integrated M.Sc. in chemistry. Ph.D. programme was launched in the year 2016. At present, the Department is offering undergraduate programme in accordance with National Education Policy 2020. Students have the option of multiple entry and exit in the course. If some of the students chose to exit after successful completion of 01 year, they will have the undergraduate certificate in chemistry. On the other hand, the students have the option to exit with undergraduate diploma in chemistry after successful completion of 02 years. If they complete 03 years successfully, they will be awarded with B.Sc. (Hons) in Chemistry. Students also have the option to pursue 04 years undergraduate program to become eligible for the award of the degree of B.Sc. (Hons) in Chemistry with Research.



Dr. Jiben Roy (Professor of Chemistry, University of Mississippi for Women, USA who joined Dept of Chemistry as the Visiting Professor) interacting with the undergraduate students of integrated M.Sc. Chemistry program

The students, who belong to the batch of years 2019, 2020 and 2021, are pursuing integrated M.Sc. in Chemistry or M.Sc. Chemistry. The curriculum of integrated M. Sc. program is based upon UGC's choice-based credit system (CBCS) and provides the in-depth study of the subject and the related areas. The structure of the curriculum includes different categories of courses viz. *Core courses, Discipline Specific Elective (DSE) courses, Generic courses, Ability Enhancement Compulsory Courses (AECC) and Ability Enhancement Elective Courses.* DSE courses aim at a choice-based specialization within different branches of Chemistry. The department offers its *Generic Elective courses* to the students of other departments in the university as a part of CBCS system. The department is growing with time, and the laboratories including required infrastructure are being established.



Students and Faculty with Hon'ble VC and Prof. Kehar Singh during SLT-2016



Prof. V. K. Tripathi with the students and the Faculty



Teachers Day Celebration at Department of Chemistry in Doon University

Vision:

The Department endeavours to be among nation's premier institutes to educate students to become successful, articulate, skilled and effective problem solvers, who will compete in and contribute to the ever-changing, technology-centered world of the 21st century. To achieve this vision, the department is committed to provide a course of study in the chemical sciences which combines curriculum, scholarship and service/engagement opportunities that are competitive, innovative and intellectually challenging while promoting critical thinking and effective communication.

Mission:

The mission of the department of chemistry is to teach and prepare liberally educated and accomplished chemical science professionals by providing them with quality classroom, lab experiments (research) and service opportunities.

In support of our mission the faculty members strive to:

- Provide high quality academic counselling for all majors.
- Act as mentors to the students through motivating them in the research
- Teach students the value of cross-disciplinary thinking by providing them with educational and research opportunities in the area of chemistry and other related fields.
- Develop innovative and multi-disciplinary curriculum to provide students with a wide range of courses in various areas including Forensic Chemistry, Green Chemistry, Biochemistry, Natural Product Chemistry, Environmental Science, Biophysical Chemistry, Polymer Science, Advanced Instrumentation and Technology.
- Serve as role models to students for safe, ethical and environment friendly practices.
- Encourage students to value diversity and develop a global perspective through international experiences in chemistry.

Regular and Guest Faculty Members

Faculty Member	Designation
Dr. Arun Kumar	Associate Professor and Head (I/C)
Dr. Charu Dwivedi	Assistant Professor
Dr. S.V. Garimella	UGC-Assistant Professor (under Faculty Recharge Programme)
Prof. Pankaj Sharma	Visiting Faculty (on Sabbatical Leaves)
Prof. Jiben Roy	Visiting Faculty (on Sabbatical Leaves)
Prof. P. Balaram	Adjunct Professor
Dr. Shailesh Upreti	Adjunct Faculty
Dr. Amita Sati	Guest Lecturer
Dr. Shiva Agarwal	Guest Lecturer
Dr. S.S. Ray	Guest Lecturer

Adjunct Faculty Members:



Dr. Shailesh Upreti

He is affiliated with the Department as Adjunct Faculty since September 2021. He is the founder as well as Chairman of C4V, USA. *He is a collaborator of Professor Stanley Whittingham, the Nobel Laureate and the inventor of lithium-ion battery technology. He has been an expert in energy storage technology and a former member of the US Department of Energy's Frontier Research Center at Binghamton University in New York.*



Prof. P. Balaram

(Padma Shri and Padma Bhushan)

He is affiliated with the department as Adjunct Professor since September 2021. He is an internationally renowned scientist and also former Director of Indian Institute of Science (I.I.Sc.) Bangalore. He has been conferred the 2021 R. Bruce Merrifield Award by the American Peptide Society. He has also been the recipient of Shanti Swarup Bhatnagar Award, Padma Shri and Padma Bhushan.

Number of Students:

Name of the Programme	Total Seats	No. of Students	No. of Male	No. of Female Students
B.Sc. (Hons) in Chemistry in Line with NEP 2020 (I year): (2022 Batch)	40	37	15	22
M.Sc. Chemistry (I year): (2022)	10	13	3	10
M.Sc. Integrated (II year): (2021 Batch)	40+4	32	08	24
M.Sc. Integrated (III year): (2020 Batch)	40+4	32	5	27
M.Sc. Integrated (IV year): (2019 Batch)	40+4	24	3	21
M.Sc. Integrated (V year): (2018 Batch)	40	24	06	18
Ph.D. Chemistry: (2022 Batch)	02	02	01	01

Research Areas, Infrastructure and Facilities:

Department aims at ensuring the exposure of the students to several exciting areas of research. Such areas include organometallic chemistry, catalysis, solar energy, materials science, nanotechnology, and biomedicine. Research infrastructure including labs have been established with the support of the university as well as by utilizing university research grants of all the faculty members viz. Dr. Arun Kumar, and Dr. Charu Dwivedi. Procurement of some modern and advanced equipments has been done using the funds received under RUSA. Some other instruments will also be procured utilizing university grants in near future.

Doctoral Study: Ph.D.

Department offers a full time Doctor of Philosophy (Ph.D.) program in chemistry. First batch in this program was introduced in academic year (i.e., 2016-2017). Number of seats and admission procedure is in accordance with UGC (*Minimum Standards and Procedure for Award of M.PHIL./PH.D. Degrees*) Regulations, 2021 and/or Doon University PhD Ordinance 2021. Key areas of focus of research in the department at present are:

- Development of molecular, heterogeneous and nanocatalysts using organochalcogen and organophosphorous compounds and exploration of their applications in catalysis of various chemical transformations and electrocatalysis.
- Polymer based drug delivery systems, photocatalysis and applications of nanoparticles in water remediation

List of Pre Ph.D. Courses, Offered by the Department, with Course codes and Titles:

- CYC-700: Research Methodology
- CYC-701: Research and Publication Ethics
- CYE-702: Molecules and Materials: Designing and Characterization
- CYE-703: Basics of Polymer Chemistry
- CYE-704: Catalysts for Chemical Transformation
- CYE-705: Applications of Macromolecules and Nanomaterials
- CYE-706: Bioinorganic and Organometallic Chemistry
- CYE-707: Spectroscopic and Spectrometric Methods
- CYE-708: Transition Metal Complexes: Bonding, Reaction Mechanisms and Applications
- CYE-709: Strategies of Synthesis and Characterization of Organic Molecules
- CYE-710: IPR and Traditional Knowledge
- CYE-711: Statistics and Computer Applications

Publications:

A. Publications in National/International Journals:

- 1) A. Tyagi, S. Purohit, P. Oswal, S. Rawat, V. Negi, A. K. Singh, A. Kumar, *New J. Chem.*, 2023, **47**, 12511-12535.
- 2) D. Sharma, A. Bahuguna, S. Rawat, A. Kumar, A. K. Singh, *Appl. Organomet. Chem.*, 2023, **37**, e7106
- 3) N. Yadav, S. Shiva, P. Patyal, A. Kumar, A. K. Singh, B. Singh, B. Pandit, J. Ahmed, G. K. Rao, *J. Mol. Liq.*, 2023, **377**, 121531.
- 4) P. Oswal, A. Arora, S. Purohit, A. Bahuguna, P. Sharma, J. Roy and A. Kumar, *New J. Chem.*, 2023, **47**, 4346-4354.
- 5) G.K. Rao, A. Dutta, N. Yadav, P. Oswal, A. Kumar and A.K. Singh, *New J. Chem.*, 2023, **47**, 4218-4227.
- 6) P. Oswal, A. Arora, A. Bahuguna, S. Purohit, K. Joshi, P. Sharma and A. Kumar, *Results Chem.*, 2023, **5**, 100683.


- 7) S. Rawat, P. Bamola, C. Rani, V. Kaushik, U. Kumar, C. Dwivedi, R. Rattan, M. Sharma, R. Kumar, H. Sharma, *Nanotechnology*, 2023, **34**, 305601.
- 8) J. Rawat, S. Rawat, A. Juyal, H. Sharma, C. Dwivedi, *J. Nanopart. Res.*, 2023, **25**, 82.
- 9) A. Semwal, D. Sajwan, J. Rawat, L. Gambhir, H. Sharma, C. Dwivedi, *Environ. Sci. Pollut. Res.*, 2023, **30**, 45827-45839.
- 10) J. Rawat, P. Kandwal, A. Juyal, H. Sharma, C. Dwivedi, *Mater. Today: Proc.*, 2023, **83**, 45-52.
- 11) P. Dimri, J. Rawat, A. Semwal, H. Sharma, C. Dwivedi, *Mater. Today: Proc.*, 2023, **83**, 53-58.
- 12) I. Riyal, A. Badoni, S. Kalura, K. Mishra, H. Sharma, L. Gambhir, C. Dwivedi, *Environ. Sci. Pollut. Res.*, 2022, **30**, 19269-19277.
- 13) K. Bijalwan, P. Kandwal, J. Rawat, A. Kainthola, M. Sharma, H. Sharma, A. Mishra, C. Dwivedi, *Appl. Surf. Sci. Adv.*, 2022, **11**, 100315.
- 14) D. Sajwan, A. Semwal, J. Rawat, H. Sharma, C. Dwivedi, *Mater. Today: Proc.*, 2022, **73**, 180-188.
- 15) J. Kaushal, S. Singh, D. Nautiyal, G. K. Rao, A. K. Singh, A. Kumar, *New J. Chem.*, 2022, **46**, 14757-14781.
- 16) P. Sharma, B. Anzaldo, R. Gonzalez, R. Gutierrez and A. Kumar, *Polyhedron*, 2022, **227**, 116081.
- 17) A. Arora, P. Oswal, D. Sharma, S. Purohit, A. Tyagi, P. Sharma and A. Kumar, *Dalton Trans.*, 2022, **51**, 17114-17144.
- 18) A. Arora, P. Oswal, D. Sharma, A. Tyagi, S. Purohit, P. Sharma and A. Kumar, *ChemistrySelect*, 2022, **7**, e202201704.
- 19) A. Arora, G.K. Rao and A. Kumar, *Mini Rev. Org. Chem.*, 2022, **19**, 549-551.
- 20) V. Rawat, A. Vigalok, A. K. Sinha, G. Sachdeva, C.M. Srivastava, G.K. Rao, A. Kumar, M. Singh, K. Rathi, V. P. Verma, B. Yadav, A.K. Pandey, and M. Vats, *ACS Omega*, 2022, **7**, 28471-28480.
- 21) G. Sachdeva, D. Vaya, C.M. Srivastava, A. Kumar, V. Rawat, M. Singh, M. Verma, P. Rawat, G.K. Rao, *Coord. Chem. Rev.*, 2022, **472**, 214791.

B. Book chapter/s published:

Name of the Faculty Member	Title of book Chapter	Title of Book	Page No.	Publisher
Dr. Charu Dwivedi	One-Dimensional Semiconducting Hybrid Nanostructure: Gas Sensing and Optoelectronic Applications	1D Semiconducting Hybrid Nanostructures	1-26	Wiley

Research Projects Submitted to Different Funding Agencies:

S.N.	Title of the Project Proposal	PI and Co-PI	Amount	Funding Agency
[1]	Metal-Metalloid Bond Containing Molecules and Materials for Catalysis and Electrocatalysis	PI: Dr. Arun Kumar + Co-PI: Dr. K.K. Pant, Director, IIT Roorkee	Rs. 16.8 Lakhs	Science and Engineering Research Board (SERB), Department of Science and Technology (DST, Government of India.

[2]	Single Source Precursors for Metal Phosphides: Development and Applications in Catalysis and Electrocatalysis	PI: Dr. Arun Kumar	Rs. 63,39,872/-	Science and Engineering Research Board (SERB), Department of Science and Technology (DST, Government of India.
[3]	Dr. Arun Kumar and Dr. Charu Dwivedi (in collaboration with Dr. Himani Sharma) have submitted the research proposal to the Department of Science and Technology (DST), Ministry of Science and Technology (Government of India) under PURSE scheme to carry out Mission mode research activities to focus on thrust areas which align with National priorities of Clean Energy.			
	 <p>Ministry of Science & Technology Department of Science & Technology (R&D Infrastructure Division)</p> <p>“Promotion of University Research and Scientific Excellence-</p> <p>“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. 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.</p>			

Remarkable Contribution and/or Achievements of the Faculty Members

- 1) All the faculty members have been recipient of research grants from national level funding agencies viz. Department of Science and Technology (DST) and/or UGC for conducting research.
- 2) Dr. Arun Kumar and Dr. Charu Dwivedi applied jointly for the highly competitive and nationally reputed grant “PURSE” in Department of Science & Technology (DST), Ministry of Science and Technology, Government of India in the year 2023.



Dr. Arun Kumar, FRSC,
(Associate Professor, Department of Chemistry)

- 3) In February 2023, Dr. Arun Kumar has been invited by the Royal Society of Chemistry (RSC) to become a Fellow of the Royal Society of Chemistry (FRSC) through the 'Leaders in the Field' scheme of RSC. 'Leaders in the Field' is a scheme where the Royal Society of Chemistry identifies outstanding individuals in the chemical science community to be invited to become Fellows. In his case, it was/is his contributions to research into the development of new molecular and nano-catalysts and exploration of their potential in catalysis of various chemical transformations, that has prompted his nomination.
- 4) In October 2023, Dr. Arun Kumar has been named in world's top 2% of Scientists' List of Stanford University.
- 5) CSIR-HRDG identified and invited Dr. Charu Dwivedi as a subject expert for national level eligibility test. NTA i.e., National Testing Agency, which is a society registered under the Societies Registration Act 1860 and created by the Ministry of Education under the Department of Higher Education, Government of India, identified and invited Dr. Arun Kumar for a confidential test development workshop for I.I.T. JEE.



Dr. Charu Dwivedi,
(Assistant Professor, Department of Chemistry)

- 6) Having accepted the invitation of the Royal Society of Chemistry (Cambridge, United Kingdom), Dr. Arun Kumar joined UK-India Symposium in Chemical Sciences 2023 (jointly organized by CRSI and RSC at University of York and University of Bristol in September 2023). The main purpose of these high-profile events is to bring together researchers from both the countries and to facilitate research collaborations in areas from across the chemical sciences. The theme of the symposium at University of York was sustainability. However, the focus at the University of Bristol was chemical biology.
- 7) Dr. Arun Kumar attended the roundtable as an observer on "Tackling Antimicrobial Resistance in India" (conducted by the Royal Society of Chemistry on the 14 September 2023 at University of Bristol, United Kingdom).

Students' Achievements, Awards and Recognitions:

[1] Dr. Aayushi Arora joined Texas A&M University USA as a postdoctoral fellow in July 2022. She is involved in research area involving complexes in which wire-like sp-carbon chains span two transition metals, and synthesis of very long polyalkyne or $(C\equiv C)_n$ bridge. She is trying to synthesize PtC_xPt complexes with as many as possible carbons.

Post Doctoral Research Associates



Aayushi Arora, 2022-

Post Doctoral Researcher, Texas A&M University, 2022-
Ph.D. Doon University Dehradun, India, 2017-2021
Visiting Scholar (Indo-US Intern for Women in STEMM) at
Gladysz Research Group, Texas A&M University, College
Station, USA, 2020
M.S. Chemistry, Dayalbagh Educational Institute, Agra, India,
2015-2017
B.S. (Hons) Chemistry, Miranda House College, University of
Delhi India 2012-2015

[2] Dr. Preeti Oswal joined Texas A & M University USA as a post-doctoral research associate after successfully completing her Ph.D. at Department of Chemistry. She is an exceptionally meritorious, hardworking and dedicated student. She belongs to disadvantaged

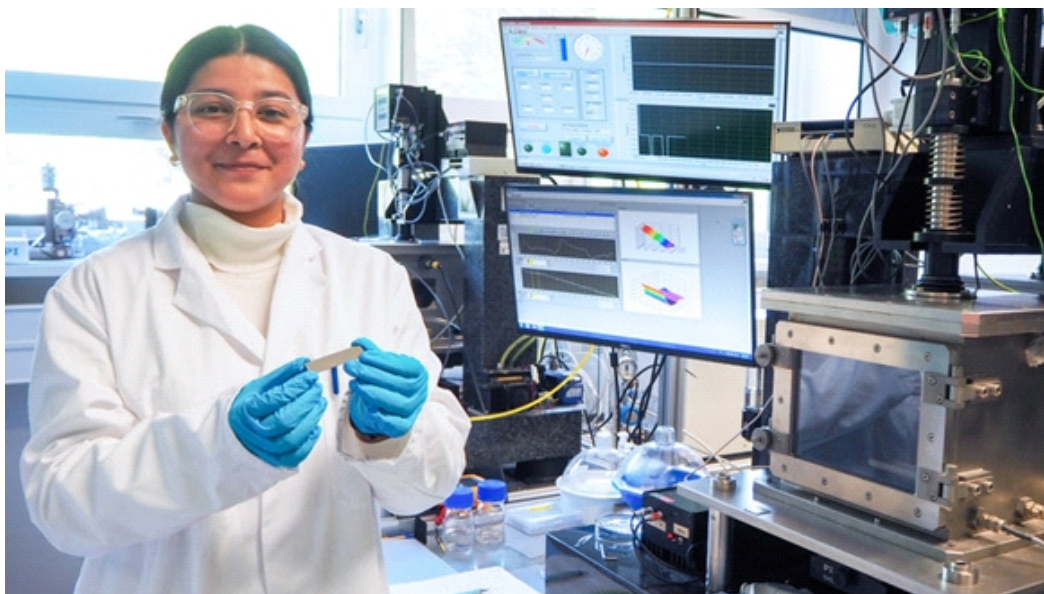


Dr. Preeti Oswal: A Source of Inspiration for the Students of Marginalized Sections

socio-economic group (i.e., Scheduled Caste) in India. She was born in 1995 in a lower middle-class family in the small village Dhangu of District Mandi, Himachal Pradesh. Her father is a small shopkeeper who sells fruits and vegetables and her mother is a housewife. She did her primary schooling from Him-Anchal Model School in a neighbouring small town namely Nerchowk. In 2013, she completed her B.Sc. first year. At the same time, at a very small age of 19 years, she got married to Mr. Manoj Kumar (Rank Havaldar) who was serving Indian Army. She continued her studies and worked hard even after the marriage. She embraced motherhood during her M.Sc. and became the mother of a girl child in 2016. After completing her M.Sc. Chemistry when her girl child was only 11 months old, she joined Ph.D. program at Department of Chemistry in Doon University Dehradun (Uttarakhand) in 2017. In the meantime, she was awarded with national-level, highly competitive and prestigious DST-Inspire Fellowship by Department of Science and Technology, Ministry of Science and Technology, Government of India in August 2017. During her Ph.D. studies, Royal Society of Chemistry, London, (United Kingdom) recognized her outstanding research contribution and awarded her with RSC Advances Outstanding Student Paper Award 2021 in

the field of Inorganic Chemistry at international level. After the successful completion of her Ph.D., she has been selected for post-doctoral studies at Texas A&M University, Texas, U.S.A. She has joined there in May 2023.

[3] In year 2023, Ms. Charu Negi has been selected for Marie Skłodowska-Curie Fellowship. She was mentored by Dr. Charu Dwivedi during her UG and PG studies. At present, she is a Ph.D. candidate at Max Planck Institut für Eisenforschung GmbH and RMIT University, Australia. She is a research enthusiast with a strong interest in interdisciplinary research. She was born in the state of Uttarakhand. Since her graduation she has been associated with the Homi Bhabha Centre for Science Education (HBCSE), a National Centre of the Tata Institute of Fundamental Research (TIFR), Mumbai as a NIUS fellow. She is also a member of the American Chemical Society (ACS). Her scientific interests include nanomaterials, surface science, stimuli-responsive materials, and catalysis. She is passionate about the scientific and industrial research to tackle the current global challenges and work on a sustainable solution which can help a greater community of people along with the research community.



Ms. Charu Negi, Former Integrated M.Sc. Chemistry Student of Dept of Chemistry, Doon University
(Recipient of Highly Competitive and Internationally Reputed Marie Skłodowska-Curie Fellowship for pursuing Ph.D. at Max Planck Institut für Eisenforschung GmbH and RMIT University, Australia)

[4] In year 2023, Ms. Kriti Bijalwan has been selected in IIT Bombay-Monash Academy for admission in joint PhD program. She was mentored by Dr. Charu Dwivedi during her UG and PG studies.





Ms. Kriti Bijalwan
(*Ph.D. scholar at IITB-Monash Research Academy*)

IITB-Monash Research Academy outputs are about making an impact, challenging the status quo and harnessing the combined strengths from two highly-skilled institutions. Academy PhD students work on problems that need to be solved, rather than problems that can be solved. To ensure significant and enduring impact, the academy operate at a scale unrivalled by any other Australian-Indian collaboration. The joint PhD program attracts up to 4000 applications for up to 50 places per year. The highly sought-after graduates of the academy typically secure employment well before graduation in leading global companies (such as Amazon Lab 126, CSIRO and Tata Group) and in academia where they make outstanding contributions. IITB and Monash University's joint venture PhD program is unique. It allows graduate students from India to work with both IIT Bombay and Monash supervisors, as well as industry partners. In this program, Ms. Bijalwan will spend at least one year in Australia and will receive a joint Ph.D. degree from IIT Bombay and Monash University.

[5] One doctoral student (Ms. Anupma Tyagi) has become recipient of the highly competitive, prestigious and national level DST-INSPIRE fellowship for a duration of 05 years for pursuing Ph.D. “*Innovation in Science Pursuit for Inspired Research (INSPIRE)*” is an innovative programme sponsored and managed by the Department of Science & Technology, Ministry of Science and Technology, Government of India for attraction of talent towards science. The basic objective of INSPIRE is to communicate to the youth of the



Ms. Anupma Tyagi
(*Recipient of reputed DST-INSPIRE Fellowship for PhD at Dept of Chemistry, Doon University*)

country the excitements of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R & D base. A striking feature of the programme is that it does not believe in conducting competitive exams for identification of talent at any level. It believes in and relies on the efficacy of the existing educational structure for identification of talent.

[6] 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 2023.



Ms. Deepali Sharma (Integrated M.Sc. Student during 2016-2021)

(Recipient of national level and highly prestigious DST-INSPIRE Fellowship for 05 years for pursuing PhD at Indian Institute of Technology Bombay)

[7] Mr. Suraj Purohit (PhD Scholar) qualified joint CSIR-UGC National Eligibility Test (NET) in year 2023. His All-India Rank is 48 (AIR 48).



Mr. Suraj Purohit

(Ph.D. Scholar at Dept of Chemistry)

[8] Ms. Anshika Parashar, Mr. Gaurav Rawat and Ms. Sakshi Gupta (who are the students 2020 batch of B.Sc. Hons in Chemistry) qualified IIT-JAM 2023.



Ms. Anshika Parashar



Mr. Gaurav Rawat



Ms. Sakshi Gupta

[9] Mr. Abhinav Dubey, a student of B.Sc. Chemistry (Hons), has been selected for Reliance Foundation Undergraduate Scholarship of Rs. 2 Lakhs for the year 2022-23.

[10] Ms. Jaya Sharma participated in 1st edition of ELOQENT- Intra university speech competition organized by 'Vatsalya: The Literary and Debating Club' of Doon University on 01st October 2022.



Ms. Jaya Sharma



Ms. Avantika Rawat

[11] Ms. Jaya Sharma secured 3rd prize in Gaura Devi Memorial National Debate Completion on 29th May 2023 in celebration of India's G20 Presidency and 2nd prize in an Intra University Debate Competition on the theme of Anti-Corruption organized by G-20 Summit, Rishikesh in collaboration with Doon University on 2nd May 2023.

[12] Ms. Avantika Rawat (Student of integrated M.Sc. of batch 2020) bagged First Prize in a debate competition organized by Vigilance Establishment Sector under ambit of G20 Summit Uttarakhand on 18th May 2023, and First Prize in an Intra University Debate Competition on the theme of Anti-Corruption organized by G-20 summit, Rishikesh in collaboration with Doon University on 2nd May 2023.

[13] Ms. Sneha Kothiyal (i.e., student of 2021 batch) was declared as the winner in 'Mahasangram 22-23: Poetry Writing Competition' in English organized by Student Council, Doon University. She also secured second position in Rangoli Making Competition organized by Doon University.

Students' Participation and Involvement Research and/or Extracurricular Activities:

[1] Ms. Astha Thapa (a student of 2019 batch of integrated M.Sc. chemistry) successfully completed a summer project entitled "*Vibrational Circular Dichroism (VCD): Chirality Unveiled through Molecular Vibrations*" under the guidance of Prof. Himansu S. Biswal in the School of Chemical Sciences, NISER for a period from 16/05/2023 to 16/07/2023.

[2] Ms. Ishita Semwal (a student of 2019 batch of integrated M.Sc. chemistry) has carried out project work in Bhabha Atomic Research Centre (BARC), Vishakhapatnam from 22/06/2023 to 18/08/2023 on the topic entitled '*Spectral Analysis of Rdx Molecule Using Molecular Dynamic Simulations*'.

[3] Ms. Anushka Rawat (a student of B.Sc. Hons Chemistry) has successfully completed an internship program Nano Technology from 01/06/2022 to 31/7/2022 from VERZEO.

[4] Ms. Sneha Kothiyal (i.e., the student of 2021 batch of integrated M.Sc. Chemistry) participated in many activities. She participated in 1st Edition of ELOQENT: Intra University Speech Competition, organized by 'Vatsalya: The Literary and Debating Club' of Doon University on 01st October 2022. She also participated in 'Clash of Certitude', an Inter University Debate Competition, conducted by The Debating Society of DIT University, Dehradun on 14th April, 2023. She participated in 36th Inter University North Zone Youth Festival-'Antarnad', organized by University of Jammu during 31st January 2023 - 04th February 2023. She also participated in Gaura Devi Memorial National Debate competition as member of organizing committee on 29th May 2023. She also went to G.B. Pant University of Agriculture and Technology (Pantnagar) and participated in 16th National Inter University Debate Competition held during January 14-15, 2023.

[5] Ms. Amisha Rawat, Batch 2020 participated in Yuva Sangthan Season-2, Youth Exchange Program, an initiative by Govt. of India under the aegis of 'Ek Bharat Shrestha Bharat' held at NIT Warangal from 16th to 22nd May, 2023.

[6] Ms. Bhumika Rawat M.Sc Chemistry participated in SPHURTI 2023, a Badminton Championship held in DIT University (Dehrdaun) on April 29, 2023.

[7] Five students (Ms. Jyoti Rawat, Ms. Nivedita, Ms. Varsha Negi, Ms. Anshika Passi and Ms. Priya Dimri) of Department of Chemistry attended one-day Academia Connect Program in CSIR-Indian Institute of Petroleum (IIP) Delhi on 18th April 2023.

[8] Ms. Jaya Sharma participated in inter-University debate competition entitled "Clash of Certitude", conducted by the Debating Society of DIT University on 14th April 2023.

International Collaborations:

- Department has developed formal or informal collaborations with following institutions:
 - Texas A&M University USA
 - Florida Polytechnic University USA
 - Universidad Nacional Autónoma de México (UNAM)
 - C4V™, Binghamton, New York
 - University of South Dakota USA
 - Institute of Material Science & Engineering, A* (Agency for Science, Technology & Research) Singapore 138634, Singapore
 - Instituto de Quimica, National Autonomous University of Mexico (UNAM)
- Department established formal collaboration with Instituto de Quimica in National Autonomous University of Mexico (UNAM) in March 2023. MoU has already been signed. It is the oldest university in North America, as it was founded in 1551. It is the largest university in Latin America and was ranked the

best in Latin America, Spain and Portugal. It has over 269,000 students, making it one of the world's largest universities. It has several campuses in Mexico City, as well as many others in several locations across Mexico (mainly aimed at research and graduate studies), and four foreign campuses at San Antonio (Texas, USA), Chicago (Illinois, USA) and Hull (Quebec, Canada). In addition, it is the only university in Mexico with three Nobel Laureates among its former students: Alfonso García Robles (Peace), Octavio Paz (Literature), and Mario Molina (Chemistry).

3. Dr. Pankaj Sharma, Full Professor, Instituto de Quimica, National Autonomous University of Mexico (UNAM) joined Department of Chemistry on April 11, 2022 to spend his sabbatical leaves of 06 months (extendable upto 01 year). His joining has not created any financial burden on the University. His visit and association were great honour and recognition for the Department of Chemistry because in year 2022, the National Autonomous University of Mexico ranked 105th among the best universities in the *QS World*



Prof. Pankaj Sharma,
National Autonomous University of Mexico (UNAM)

1. Following research articles have been published in collaboration with Instituto de Quimica, UNAM:
 - P. Oswal, A. Arora, S. Purohit, A. Bahuguna, P. Sharma, J. Roy and A. Kumar, *New J. Chem.*, 2023, **47**, 4346-4354.
 - P. Oswal, A. Arora, A. Bahuguna, S. Purohit, K. Joshi, P. Sharma and A. Kumar, *Results Chem.*, 2023, **5**, 100683.
 - P. Sharma, B. Anzaldo, R. Gonzalez, R. Gutierrez and A. Kumar, *Polyhedron*, 2022, **227**, 116081.
 - A. Arora, P. Oswal, D. Sharma, S. Purohit, A. Tyagi, P. Sharma and A. Kumar, *Dalton Trans.*, 2022, **51**, 17114-17144.
 - A. Arora, P. Oswal, D. Sharma, A. Tyagi, S. Purohit, P. Sharma and A. Kumar, *ChemistrySelect*, 2022, **7**, e202201704.
2. Prof. Jiben Roy (Mississippi University for Women, USA) joined Department of Chemistry as a Visiting Professor on sabbatical leaves. He spent nearly 02 months with the Department. He conducted some important interactive sessions with the students of the University. He also undertook the course entitled “Organo-analytical Techniques” at the first semester for the students of 2022 batch.

National Collaborations:

1. Department has developed formal or informal collaborations with following national institutions:
 - ▶ Indian Institute of Technology Patna (IITP)
 - ▶ Indian Institute of Technology Roorkee (IITR)
 - ▶ Delhi Technological University (DTU), Delhi
 - ▶ Jamia Islamia University Delhi
 - ▶ NIT Srinagar Uttarakhand
 - ▶ UPES Dehradun
 - ▶ Institute of Nuclear Medicine and Allied Sciences (INMAS), Defense Research and Development Organization (DRDO), New Delhi.
 - ▶ CSIR–Indian Institute of Petroleum, Dehradun.
 - ▶ Indian Institute of Technology (IIT) Delhi
 - ▶ Amity University Haryana (AUH).
 - ▶ Bhabha Atomic Research Centre, Mumbai, India

Workshops/Conferences/Seminars/Symposia Organized:

[1] STUTI (Synergistic Training Program utilizing the Scientific and Technological Infrastructure):

This STUTI program was organized by the Department on “*Advanced instrumental techniques of synthesis and physicochemical analysis of nanomaterial*” during 27th January 2023 to 02nd February 2023. Dr. Charu Dwivedi was the coordinator. This was sponsored by PMU (Project Management Unit), established by Department of Science and Technology (DST), Ministry of Science and Technology, Government of India at Panjab University. In addition to School of Physical Sciences (SoPS), School of Environment and Natural Resources (SENR) was also involved in organizing it at Doon University. Thirty (30) participants from different states participated in this training programme. The aim of this 7-day training was to equip participants with the basic knowledge of the different state-of-the-art equipments and spectroscopic techniques. The participants experienced hands on training on CVD tubular furnace, thermal evaporation, EC/OC analyser, Aerosol spectrometer, BET surface analyser, UV-Visible-NIR spectrophotometer. The training program, which included simultaneous lecture and discussion sessions (carried out at the instrumentation facility of Doon University, wherein apart from the above ones, many modern equipments are also housed). The training revolved around different kinds of high-end instruments for analysis of molecules, material and pollutants, spectroscopic techniques and accompanying data analysis.



Inaugural Session of STUTI on 27th January 2023

6.8 School of Biological Sciences

The School of Biological Sciences (SoBS) has been established recently in the year 2021. It is a multidisciplinary School with teaching and research focused on understanding and conserving the life on earth. The School offers an integrated M.Sc. Biological Sciences programme with an option for the students to exit after completion of three years with a degree of BSc (Hons.). From the academic year 2021-22, the School offers a 4-year Undergraduate Program in B.Sc. (Hons. with Research) Biological Sciences. The curriculum for this 4-year program is designed as per the New Education Policy (NEP) 2020. The School also has plan to start a PhD degree programme in the thrust areas of microbial technology, genetic engineering, industrial microbiology, diagnostics and health sciences, environmental microbiology and biotechnology.

The establishment of a Center of Biotechnology is also proposed in the School. This Center will train the graduate students of bioengineering. The Center has plan to offer 2-year M. Tech. in biotechnology course.



Since the subjects involve a lot of experimental work, substantial laboratory work is an integral part of almost all types of courses. All students have to undertake a research project under the guidance of highly qualified faculties and the outcome of the research will be reported in the form of a dissertation.

Students are encouraged to take up summer projects and visit institutes and universities of national repute such as IITs, NITs, IISER, CSIR Labs during the course.

Significant Achievements of the Faculty Members

- Dr. Vivekanand Bahuguna granted the design patent on Development of Oil filled Coverslip for microscope. Dr Bahuguna published the process patent on Method for producing extracts of *Pyracantha Crenulata* and submitted the first barcode of two drosophila species on NCBI GenBank (New drosophila species from western Himalaya to science).

- **Dr. Babita Saroha** published the patent on Investigation of microwave assisted solid dispersion loaded microgel: A newer approach.

Significant Achievements by students

Mr. Ayush Negi (1st semester) has been selected for Asian Mountain Bike Championship being held between 26th and 29th of October in Kerala.

6.9 Centre for Public Policy

The Centre for Public Policy gratefully acknowledges the patronage and guidance provided to this Centre, as an autonomous institution anchored in the School of Social Sciences, by its successive Vice Chancellors Prof. Girijesh Pant (19 Jan, 2009 - 18 Feb, 2012) and Prof. V.K. Jain (5 March 2012 onwards) respectively. While Prof. Pant was responsible for persuading the current occupant of the NTPC Chair Professor to accept the responsibility of steering the Centre, after his departure it was Prof. VK Jain who has taken an equally keen interest in its progress. Both the Vice Chancellors and the Registrar, B.M. Harbola have ensured that minimal time of the Chair is spent in matters administrative and financial which are entirely served through the existing mechanisms of the Registrar's and Finance Controller's offices. Accordingly, the State of Finance, as reproduced in these Reports is as made available by the Office of Finance Controller of the University.

The Centre has been allowed complete autonomy in its academic pursuits and functioning unfettered by the much-maligned red-tape. The NTPC Chair has steered the Centre keeping in mind the Vision that appears at the very outset of these Reports, making Higher Education discharge its social contract both with the larger society and the State.

The Centre also records its deep gratitude to all the Faculty members of the University, PhD Candidates / other Research Fellows and Volunteer - Students for their academic involvement and close engagement with the Centre's

Centre for Public Policy Staff	Contact
• Mr. Ajay Bisht	Tel. + 91 135 2533142 + 91 135 2533138
• Mr. Dhiraj Rawat	Fax. + 91 135 2533115 Web. www.cppdoon.in

Vision

To engage higher education institutions more intensively than before with wider society and contribute to the local and regional development and provide intellectual leadership to society.

Approach Paper Twelfth FY Plan: Chap 10

This is the Fifth Annual Report of the Centre for Public Policy ever since the 12th Executive Council was informed of the decision of the present Chair's acceptance to steer the Centre (26th May, 2011), in an honorary capacity. Previous two published Annual Reports recount the spontaneous evolution of the Centre's various activities, including certain completed sponsored projects, and a conscious decision to pursue an 'action research' approach, as the Chair had professionally been a 'practitioner' and not an academician by choice. Among other things this approach has mainly helped the Centre in nearly finalizing both its areas of main focus, as well as its administrative and work-architecture. Accordingly, its slightly altered reporting format has been followed, which also accommodates its former areas of activities.

In the main, the process followed during the previous four years has helped the Centre both to align its present focus with the Vision it had set itself for, as well as the international, national and sub-national policy frameworks-as would be discovered in subsequent narrative. However, to re-iterate, as the Centre and its Host-University remains

anchored in a predominantly mountain state, its policy related endeavours are primarily aimed at to help and assist, the host state of Uttarakhand primarily, and all other 8 North-eastern States and 3 Hilly States –to use the NITI Aayog parlance (Role of NITI Aayog, 30 November, 2015: Consultation with the States). In one sense, this justifies the approach that has been followed so far, and equally, what is now proposed to be done in the ensuing years. It arguably, also makes this Centre as the only Centre which has deliberately designed to assist its host-state in an era when there is no Planning Commission at the Centre and the Centre-State relations are avowedly to be developed on the lines of Co-operative Federalism, to speak the Government of India language and follow the course that has been shared at the First National Consultations, organized by the NITI Aayog, alluded to above.

With some benefit of hind-sight, in its fifth year, the 'action research' approach followed by the Centre could possibly be said to have consisted of the following three components, viz.,

(i) creation of 'space for mountains' in the policy formulation domain; it commenced with the constitution of a Working Group on Mountain Ecosystems and Challenges faced by the People living in the Hilly Areas, towards the very fag-end of the preparatory phase of the preparation of the Twelfth Five Year Plan (2012-17), consequent upon meeting of some MPs from the mountain states with the Deputy Chairman, Planning Commission, Montek Singh Ahluwalia, constitution of such a Working Group, and inclusion of its recommendations in the crafting of the Twelfth Five Year Plan. Efforts of this Working Group later became the inaugural publication of this Centre (A Planning Framework for the Mountain States of India, (Jan, 2012), see About the Foreword by Prof Girijesh Pant, VC, Doon University); this also manifested itself in creation of a 'Mountain Division', in the Nodal Agency of the nodal Ministry for 'mountains' in India, namely the Ministry

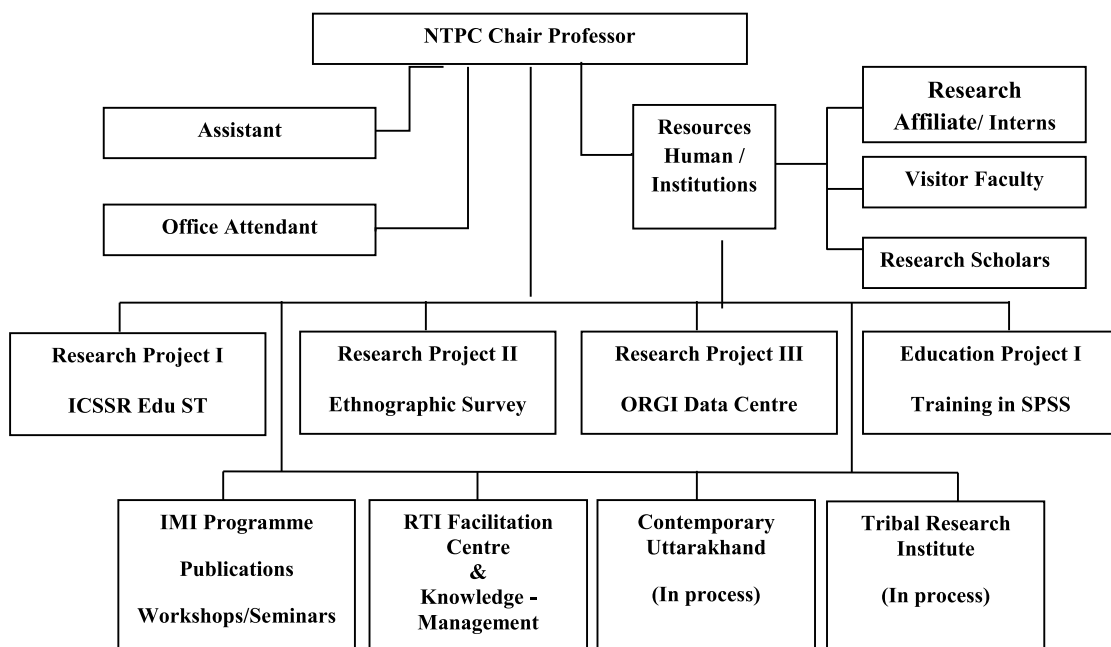
of Environment & Forests and Climate Change - the GBPIHED, and lately, now 'A Cell for Hilly and North Eastern States', in the newly constituted NITI Aayog (see PPT, Role of NITI Aayog: Consultations with the States; Operationalization of Engagement; 30th November, 2015, Vigyan Bhawan, New Delhi); and a Working Group on North Eastern States and Hill States, on 23rd December, 2015 by NITI Aayog, Government of India.

(ii) providing 'institutional memory' by sharing recommendations that have ever been officially made for sustainable development of mountain regions of India, including follow-up of some of the recent recommendations made by the apex planning bodies of India. This was ensured through sharing of recommendations made by Committee on *Restructuring of Centrally Sponsored Schemes (CSSs)* (BK Chaturvedi Committee, Sep 2011) or *Demise of Planning Commission : implications for Mountain States* or *Safer and Sustainable Mountains*, at various events e.g. Sustainable Mountain Development Summit III, held at Kohima, Nagaland (25-27 Sep 2013) and Meet of the Mountain States III, New Delhi, 10-11 Dec, 2014, and SMDS IV, held at Itanagar, Arunachal Pradesh, 7-9 October, 2015, respectively, with senior national and international bodies connected with mountain development; or proceedings of national events connected with mountain –development (Indian Mountain Cities and National Workshop on Mountain Cities; held at Mussoorie, 19-20 Jan, 2014); or compilation of status papers on themes of public importance e.g. on Compensating Mountain States (March, 2014) Demise of Planning Commission (October, 2015). These documents have been widely shared, used by majority of mountain states in their presentations, at various forum, in particular during NITI Aayog Sub Group deliberations and NITI Aayog meetings, are beyond doubt and the latest Working Group Draft Report also provides final evidence that their timely publication and wide distribution, followed by consistent advocacy, has served the desired purpose, and

(iii) triggering 'action by stake-holders' particularly informed individuals, professionals and regional, national and sub-national entities via state governments, NGOs and civil society organizations, though informal, formal and registered bodies in shaping appropriate policy parameters and a more tangible and favourable environment for mountain regions/states of the country has indeed been a most noticeable development in contemporary times, in which the Centre has played a significant and critical part.

Sustained efforts on all these three fronts resulted in the Centre taking up a pro-active role in sensitizing the host-University and the host-Government about the funding opportunities that had been initiated through the second National Mission on Mountain Studies (NMMS, MoEF & CC) through organizing brainstorming sessions and even holding hand-holding sessions with several departments and organizations. While this pro-active action has benefitted both the host University as well as a majority of mountain states, it has also helped the Centre considerably in both crafting of its administrative and work-architecture, manifest in its rubric 'Safer and Sustainable Uttarakhand'. As would be observed this has not only validated the 'action research' approach followed so far but also helped the Centre think-through what it needs to focus on and follow-through. It also has provided the Centre an Advisory Committee to steer its future course, of course suitably augmented and strengthened, as the Centre assumes more responsibilities (communicated to the Competent Authority vide CPP/NTPC/321/DU/2016 Dated 22/01/2016).

Administrative Set-up



7. Doon University Library

About the Library:

The Central Library of Doon University stands as an indispensable pillar of academic pursuit, consistently fostering the University's teaching and learning endeavors. With an extensive repository of knowledge resources encompassing a diverse range of subjects in both physical and digital formats, the library serves as a portal for intellectual exploration. The Library is committed to helping the academic community with their information need and keeping them abreast with the latest development in their area of interest. The library utilizes the most up-to-date version of the Open Source Library Management System (LMS) for its housekeeping operations and services. The implementation of RFID technology has significantly improved the circulation process and the security of documents. The library premises are equipped with CCTV surveillance, and Wi-Fi internet connectivity is also provided for users.

Progress during the period the financial year:

The library made significant progress during the period. As of March 31, 2023, in addition to holding a print collection of 36,932 books, 69 periodicals, 125 CDs, and 629 dissertations/ projects, the library also provides access to more than 6,000 online journals with 02 databases.

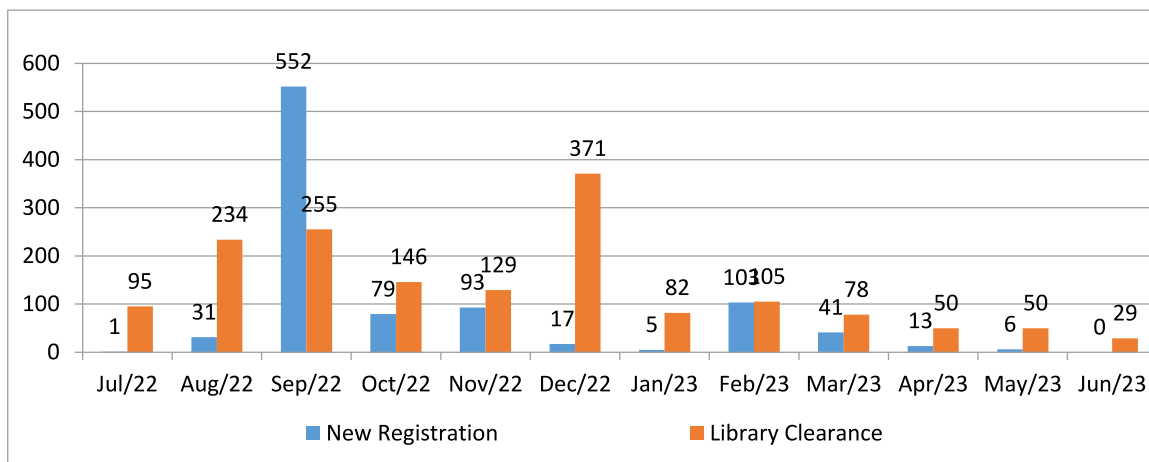
Collection Development during the period of 1 April 2022 to 31 March 2023 (Financial Year) as follows:

Sl. No	Collection	collection as on 31March 2022	Added in the financial year 2022-2023	Total collection as on 31March 2023
1	Books	33598	3334	36932
2	Competitive Exam books	748	57	805
3	Book bank	2266	0	2266
4	Gifted Books	2559	519	3078
5	Periodicals	69	+5, -5	69
6	E-Journals subscribed	1370	Have access to subscribed period	
7	E-Journals Though ESS	6151	6151	Renewed all
8	Bound Journals	557	0	557
9	CD/DVD	125	0	125
10	Dissertation/ Projects	538	91	629
11	Maps	20	3	23
12	Newspaper	17	0	17
13	Uttarakhand Collection	1393	90	1483
14	Globe	0	2	2

(The total collection of the library as on 31st March 2023)

New Registration (Membership) and No Dues clearance:

In the academic year 2022-23, a total of 941 new registrations for library membership have been made, and a total of 1624 Library clearance for different purposes has been provided to the users.



Books Issue/Consulted Details of the Library:

The Library has been using Library Management Software KOHA for its housekeeping operations. The transactions of books are also made using the LMS with the integration of Barcode and RFID technology. The following table depicts the month-wise check-out/check-in, and consultation in circulation and reference section of the library. The highest numbers of books were issued in September 2022, followed by November 2022.

Sl. No	Month	Issued/ Check-out/ Consultation			Returned/Check In		
		Circulation Section	Reference Section	Total Issued	Circulation Section	Reference (same day)	Total
1.	July-2022	276	15	291	55	15	70
2.	August-2022	464	247	711	220	247	467
3.	September-2022	2214	544	2758	1448	544	1992
4.	October-2022	2191	283	2474	2835	283	3118
5.	November-2022	2372	263	2635	2048	263	2311
6.	December-2022	2059	141	2200	3190	141	3331
7.	January -2023	Tagging work	Tagging work	0	146	0	146
8.	February-2023	2097	217	2314	1264	217	1481
9.	March -2023	1970	133	2103	2600	133	2733
10.	April -2023	1332	206	1538	1590	206	1796
11.	May -2023	1663	257	1920	1687	257	1944
12.	June-2023	523	90	613	1405	90	1495
13.	Total	17261	2396	19557	18488	2396	20884

A total of 17261 books from the circulation section and 2396 books were issued from the reference section during the academic session.

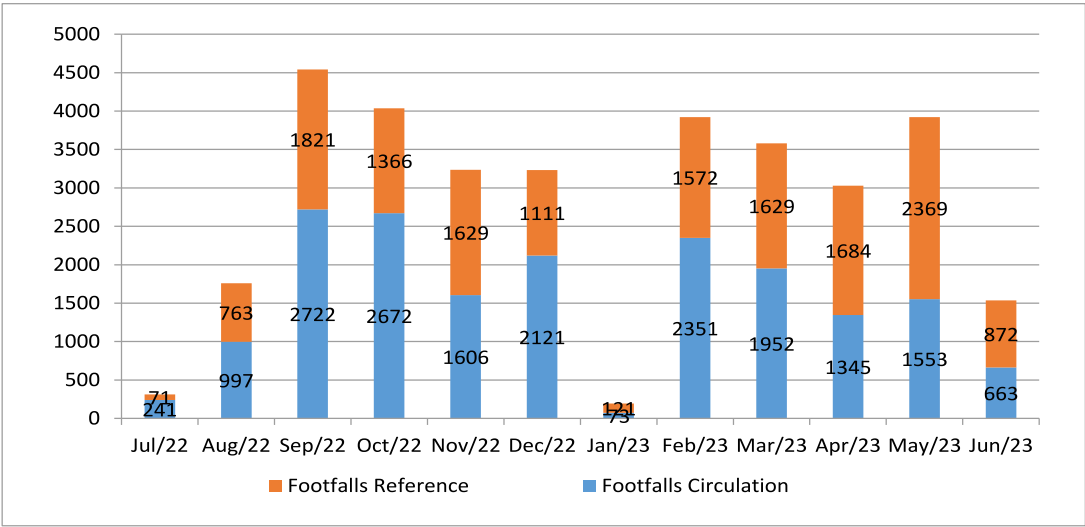
Average Issued/Returned:

- Average Number of books issued (per day) from Circulation Section/Reference Section = $19557 / (365 - 52 - 24) = 67.6$ Books
- Average Number of books returned (per day) from Circulation Section/Reference Section = $20884 / (365 - 52 - 24) = 72.2$ Books

Footfall in the Library:

The chart shows the month-wise average footfall in the different sections of the Library; the data indicate that before and during the semester exams, the library is very actively utilized by the students. On average 115.2 users ($(18296 + 15008) / 289 (365 - 52 - 24)$) visited the library each day between the July 2022 to June 2023 period.

Footfall in the Library



Access to E-Journals in the Library:

The Central Library has been subscribing to a number of e-journals and receives many through ESS consortia. The following table shows the details of the e-journals accessible in the Library.

Sl. No	Name of the Publisher	Received Through	No of Titles
1.	Sage	Subscribed by the Library	21
2.	NISCAIR		07
3.	Indian Academy of Science		02
4.	Cambridge (access to subscribed period)		253
5.	Taylor and Francis (not of ESS) (access to subscribed period)		1078
6.	Economic and Political Weekly	Received Through ESS	01
7.	JSTOR		2583
8.	Springer link		1700
9.	Taylor and Francis		1079
10.	Wiley-Blackwell		915
11.	American Institute of Physics		19

Total			7658
1.	ISID		Database
2.	JCCC (J-Gate)		Database

Usage of E-Journals: Download/Searches

The Library successfully provided online access to e-journals procured by the Library and received through UGC-INFONET. Following are the title-wise usage (Download/search) statistics of the journals receive through ESS. The usage was highest in May 2023 (2291) followed by Feb 2023 (1903) and April 2023 (1878). The Springer link is the most used database among the journals receives through ESS.

Resource	JSTOR	Springer Link	Taylor & Francis	Wiley-Blackwell	American Institute of Physics	Nature	Total
JUL-2022	321	478	76	77	4	15	971
AUG- 2022	195	982	145	136	9	24	1491
SEP- 2022	186	651	83	73	5	21	1019
OCT- 2022	279	657	94	99	1	9	1139
NOV- 2022	443	585	91	93	9	17	1238
DEC- 2022	385	720	67	73	7	13	1265
JAN- 2023	338	807	115	24	2	11	1297
FEB- 2023	475	1165	132	67	42	22	1903
MAR- 2023	454	906	166	174	38	19	1757
APR- 2023	566	939	157	182	0	34	1878
MAY- 2023	743	1134	190	198	0	26	2291
June- 2023	466	942	199	243	0	17	1867
Total	4851	9966	1515	1439	117	228	18116

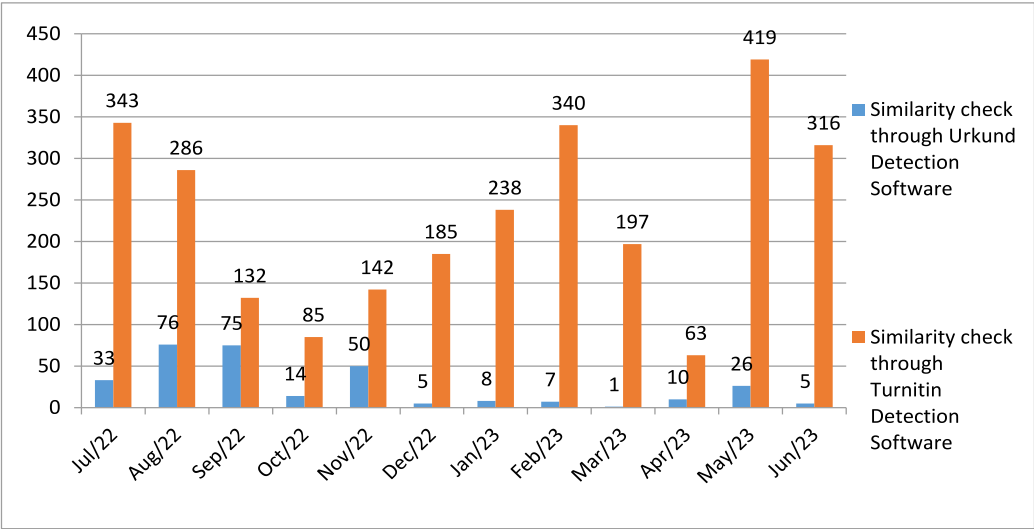
Technical processing of Books:

Technical processing work of all the procured books and gifted books till 31st March 2023 was completed which include verification, accessioning, classification, assigning subject heading, data-entry on LMS, barcode generation, stamping and labeling of barcode and spine label.

Anti-Plagiarism detection details:

The Library has been providing the Anti-Plagiarism software URKUND and Turn-it-in service to all the faculty members and research scholars of the university to check the similarity status of their academic papers and checking of the PhD thesis before the final submission. A total of 310 documents from the URKUND and 2746 documents from the TURN-IT-IN software were checked during the academic year. Following data shows the monthly details of the similarity checking.

Data of the Documents check for plagiarism

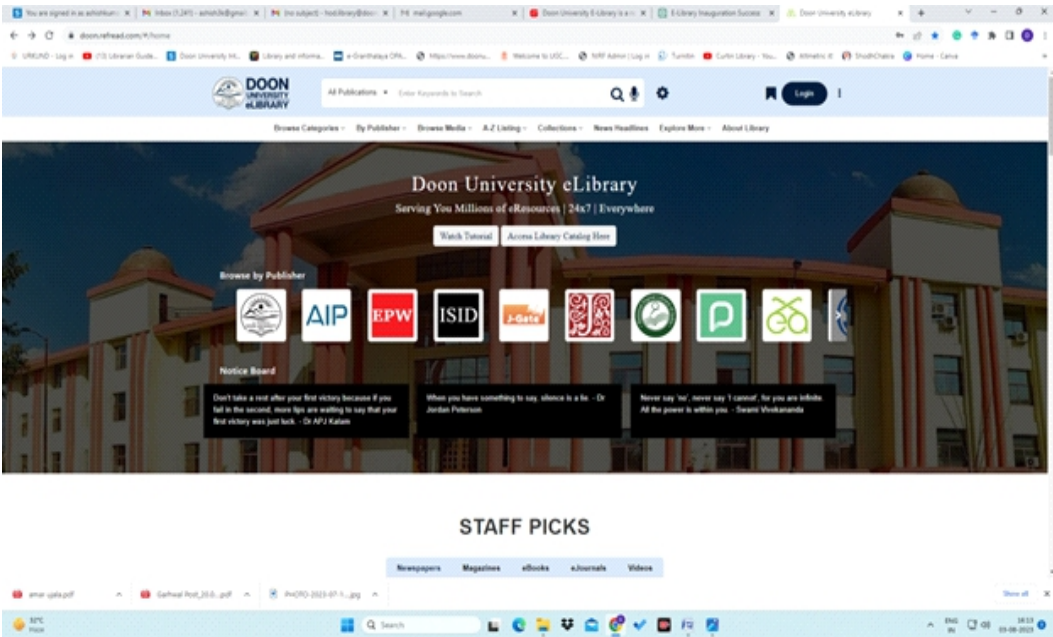


Book Bank:

The Book Bank facility is optional in nature, and there is no compulsion for any student to take a book(s) from the Book Bank. At present, only two books at a time will be issued to each student for a maximum period of 3 Months on a first-come, first-served basis. For issuing a book from the book bank, a student is required to pay 10% of the cost of the book (non-refundable) at the time of issuing the book. A total of 14 books were issued to the students during financial year, and a total of Rs. 746/= (Total of Seven Hundred Eighty Six Rupees) was gathered by issuing books from the Book Bank.

Significant developments during the period

Introduction of E-Library

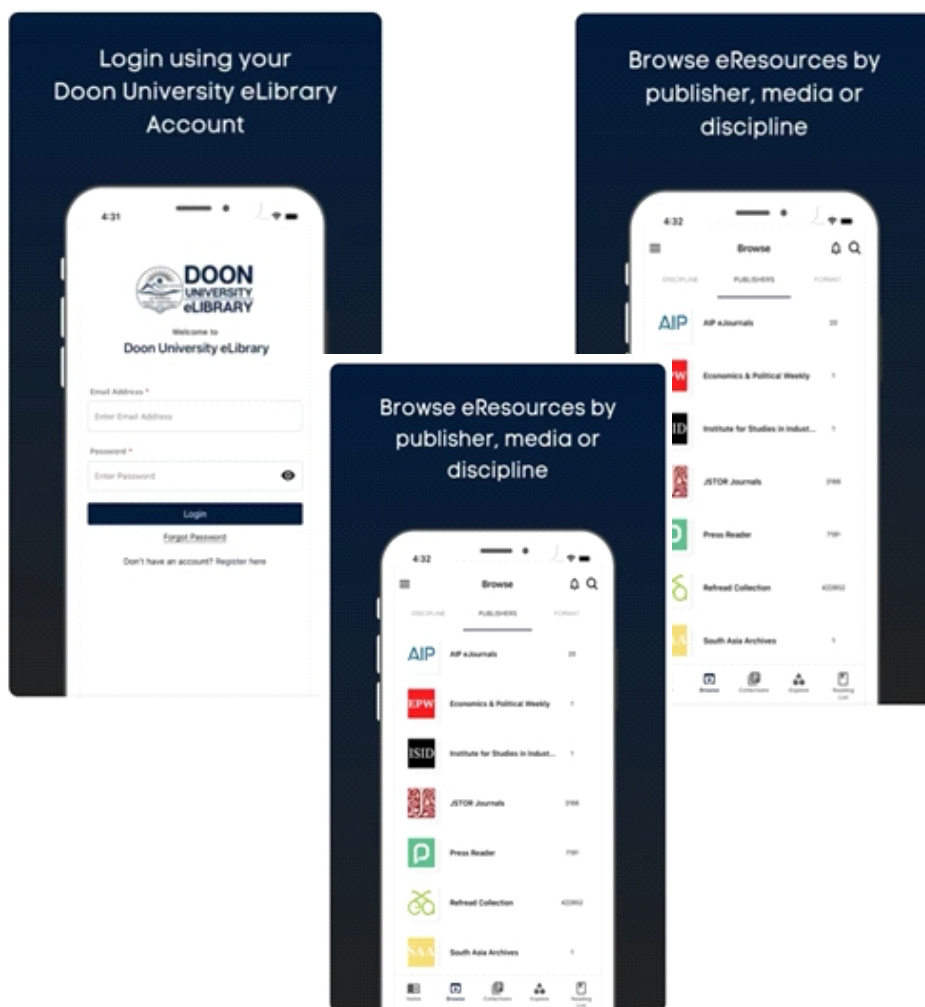


This year, the library has made remarkable strides in advancing the university's e-Library platform. The introduction of the E-Library at Doon University is a significant milestone in the development of Central Library. This digital treasure trove have an extensive collection of over 900,000 full-text documents, including 781,296 e-theses, 124,019 videos, 18,371 e-books, 12,253 e-journals, 4,224 e-magazines, 2,979 e-newspapers, 10 databases, and 16,026 audio books. Furthermore, the library has thoughtfully incorporated university publications such as reports, dissertations, question papers, and theses into this platform, ensuring that our students and scholars have access to a wealth of knowledge at their fingertips.

Procurement of PressReader:

The Library has acquired PressReader to meet the specific need for access to foreign language newspapers and magazines, enabling individuals to stay updated on current affairs in the countries they are studying. PressReader is a digital platform that grants users access to a wide array of international newspapers and magazines. This service enables readers to peruse their preferred publications on various devices, such as computers, tablets, or smartphones. With an extensive collection encompassing a range of genres, including news, lifestyle, travel, and more, PressReader offers a convenient means of staying informed and entertained. The multilingual content of the platform makes it a valuable resource for those seeking diverse global perspectives.

Launch of Library App:



The introduction of a library mobile app marks a transformative leap in enhancing accessibility and convenience for library users. This user-friendly and innovative application serves as a gateway to a wealth of information and resources, putting the library's vast collection right in the palm of one's hand. With just a few taps, users can effortlessly search for books, journals, articles, and other materials, check the availability of items, and even place holds or renew materials with ease. Its intuitive interface makes navigation a breeze, making it ideal for both seasoned researchers and students. In a fast-paced, digital age, the library mobile app is a vital tool for fostering continuous learning and research, promoting a seamless and efficient library experience for all.

Books from Embassy of Belgium and Japan

In an ongoing effort to expand the foreign language collection within the central library, the library consistently reaches out to various embassies seeking donations of foreign language books. In the current year, notable contributions were made by the Embassy of Japan and the Embassy of Belgium. The First Secretary of the Belgian Embassy, Paula Pupe, along with AWEX Trade Commissioner Guillaume de Bassompierre, paid a visit to the Central library to both explore the existing collection of French and Francophone studies and generously contribute additional books to enrich this section. In a similar spirit of support, Ms. Yoshida from the Embassy of Japan also made a visit to the Central library, facilitating the donation of books relevant to Japanese studies. The collaborative efforts of these institutions and embassies have played a vital role in expanding the library's foreign language collection and fostering a more diverse and comprehensive resource for students and researchers interested in various aspects of language and culture.

Significant activities during the period

Face-a-Book Challenge:



In an effort to cultivate and rekindle the love of reading among the youth, Doon University's Central Library, in partnership with Elysian, the Literary Society of the Department of English, organized the 'Face-a-Book' challenge from November 16th to 19th, 2022. The event was generously sponsored by the Jan Uday Foundation. Under this event, participants had to select a book from a pre-determined pool and had three days to complete their chosen read within the library's reading room, which was open from 9 am to 8 pm. On the final day, they were required to share their book reviews with the judges and the audience in the Senate Hall. A total of 52 participants were registered for the event, out of which 37 successfully completed the challenge. Out of those 37, 26 presented their views on the book allotted to them. Certificates were awarded to all who completed the challenge, with Nidhi Joshi, Kanak Thapliyal, and Aman Kumar securing the top three positions, as judged by a distinguished panel comprising

Dr. Richa Joshi Pandey, Dr. Gazala Khan, Dr. Ujjwal Kumar, and Mr. Kunwar Japendar Singh, State President of the Jan Uday Foundation, who expressed his enthusiastic support for the reading initiative

Workshop on “How to access E-resources through Mobile app”:



On February 22, 2023, the Central Library at Doon University partnered with the MYLOFT team to host an insightful workshop titled "How to access your Library eResources using MyLoft." The primary objective of this workshop was to familiarize research scholars and students with the MyLoft platform, a digital library offering access to a wide array of scholarly research journals. Dr. Ashish Kumar, Head Librarian of the Central Library at Doon University, commenced the event by emphasizing the crucial need to stay current with eResources in an era of rapid digitalization. Mr. Vaibhav Goel, the resource person from MyLoft, then took the stage to guide participants through the download and registration processes for the MyLoft app. He also provided hands-on demonstrations of the app's various beneficial features, showcasing its ability to grant access to research materials beyond the confines of the university campus, via smartphones or laptops. To conclude the workshop, the resource person engaged the audience with questions, and the winners received prizes, leaving participants with a sense of satisfaction and positivity.

Workshop on Empowers Language Learning Through Mobile App-Based Resources



On May 13th, 2023, the Central Library at Doon University organized an interactive session on the innovative approach in language education for the Department of French and Francophone Studies. This engaging event featured the introduction of the E PressReader facility. The E PressReader is a digital treasure trove, having an extensive collection of over 7,200 international newspapers and magazines, serving as a gateway to a vast array of

linguistic and cultural materials. It serves to enhance the language learning experience by providing students with an immersive opportunity to delve into authentic content from around the world. In her address, the Vice-Chancellor, Prof. Surekha Dangwal, underscored the growing importance of technology across diverse fields, urging students to embrace these innovative tools as catalysts for future growth and success. The event not only underscored the accessibility and benefits of the E PressReader facility but also highlighted the pivotal role of authentic French content in improving language skills, expanding vocabulary, and deepening cultural understanding within the realm of French and Francophone Studies. The session was attended by students from the Department of French and Francophone Studies. Additionally, several faculty members from the School of Languages, including Ms. Shubhra Kukreti, Dr. Varun Dev Sharma, Ms. Akshah, Ms. Neelma, Ms. Shefali, and Mr. Shanky Chandra, were in attendance.

Launch of E-Library by Hon'ble Governor of Uttarakhand.



The E-Library of Doon University in Dehradun was officially inaugurated on July 19, 2023, at Raj Bhawan by the Hon'ble Governor of Uttarakhand and the Chancellor of Doon University. The event was attended by faculty members, university officials, and representatives from Raj Bhawan. During the inauguration, the Hon'ble Vice-Chancellor of Doon University provided an overview of the E-Library's offerings, including access to a wide array of resources such as e-theses, educational videos, e-books, e-journals, e-magazines, e-newspapers, databases, audiobooks, and various university publications. Additionally, the E-Library provides access to anti-plagiarism software and platforms for faculty and research scholar profiles.

In his address to the audience, the Hon'ble Governor shed light on the evolving role of libraries in the digital age, emphasizing their vital function as gateways to uncharted realms of knowledge. He stressed the need for libraries to adapt to the ever-changing landscape of technological advancements and the evolving expectations of their users, all while navigating the challenges posed by budget constraints and the increasing costs associated with knowledge resources.

Moreover, libraries must grapple with a diverse range of user expectations, including the need for convenient access, personalized services, and timely responses to inquiries. To effectively respond to these evolving dynamics, libraries must employ innovative resource allocation strategies that address both budget constraints and the mounting costs of knowledge resources. Prioritizing the curation of free resources and fostering collaborative endeavors with other institutions are essential steps to ensure that libraries can continue to serve as invaluable hubs for knowledge and learning opportunities in our digital age. Notably, the development of the E-Library by the Central Library at Doon University, with its extensive collection of over 900,000 e-resources, empowers students with on-the-go access to thousands of resources, including more than 7,000 foreign-language newspapers and magazines, aligning with the

School of Language's efforts to enhance students' understanding of the current affairs of the countries under study. In conclusion, libraries transcend their traditional role as repositories of books and knowledge. They are dynamic, essential institutions that unlock doors to uncharted territories, fueling curiosity and lifelong learning. Recognizing the pivotal role libraries play in society, it is crucial to support their continued growth and accessibility for future generations.

8. Facilities At Doon University

8.1 Hostels:

Doon University is a residential university. Students are expected to stay in the Hostel unless permitted otherwise. The students are encouraged to stay in the Campus as they will be required to participate in group discussions and attend tutorials after the regular classes are over which will help the student to clarify any doubts in the courses and improve their interpersonal and communication skills. There are separate hostels for Girls and Boys to accommodate 250 and 225 students, respectively. The hostels are provided with modern facilities such as solar heating system, internet facility, reading room, etc, all students residing in the Hostel are to abide by Hostel and Cafeteria Regulations/ Rules. The WiFi facility has been upgraded in both boys & girls hostel in the current academic session.

8.2 Social Empowerment Cell/Equal Opportunity Cell

A Social Empowerment Cell of the University was inaugurated on November 17, 2011. The mandate of the cell is to provide free coaching to internal candidates belonging to the Scheduled Casts and Scheduled Tribes and minorities. Later, its facilities will also be extended to external candidates. The Cell is offering remedial coaching in written and spoken English and basic computer skills. Coaching is also being provided to candidates preparing for various States, Central examinations and NET.

8.3 Placement Cell/ Corporate Resource Cell

The Corporate Resource Cell/ Placement Cell has been established for empowering and making special provisions for providing employment and career opportunities to all the students of School of Management. The cell is fully equipped with all technological support and organizes various Corporate Workshops to enhance employability skills for the students. The CRC has a databank of top 15000 companies in India. This session all the students of MBA first year were placed in various live projects during the winter break.

8.4 IPR/Patent Cell

University has established an IPR cell in collaboration and financial assistance of Uttarakhand State Science and Technology Council (UCOST) to provide information, orientation, and facilities to faculty and researchers of the University for protecting the product of their intellectual power. The cell would also be able to guide the researchers on the procedure to filing and obtaining patent. It will also organize IPR awareness programmes in collaboration with UCOST in its campus. Doon University is striving to become a platform for development and transfer of technical competence in the area of research and academics to meet the changing needs of society at large.

8.5 Computer Centre

Doon University has established state-of-the-art Computer Centre with 40 computers with the financial support from UGC, New Delhi. The computers are loaded with print media software, latest version of statistical software like Statistica, SPSS and GIS software such as ERDAS imagine and ARC/INFO. In addition to the central computer facility, each school has its own computer facility to meet the day-to-day requirement of teaching and research.

8.6 Data Center

Data Center has been established at Doon University with the financial support of Directorate, Censuses. 6 high speed computers with server will be installed in Data Center. The center will provide all the data of the state to the students, researchers and faculty free of cost for the research purpose.

8.7 Language Lab

University has established three multimedia language lab equipped with 20 systems each loaded with Rovotel software and hardware for having broadcasting and conferencing for different language students. Various electronic resources can be used to enhance the learning skills in foreign language.

8.8 Sport Facility

Doon University stands committed to provide infrastructure and financial support for sports facilities for students. The university has its sports club to run sports activities, which is regulated by a sports committee comprising of faculty and students. A modest beginning has already been made in this direction by providing students with multi sports complex for Cricket, Football, Basket Ball and Lawn Tennis. Some indoor games such as Table Tennis, Carom, Chess, and Badminton have been provided in both Girls and Boys hostels. Two modern state of art Gymnasium have also been set up in both the hostels. A multipurpose hall with wooden floor for badminton and other indoor games has been developed. The existing cricket pitch was recently modified with help of professionals. The University encourages participation of students in sports and game.

8.9 Medical Facility

An MBBS Doctor visits University campus everyday between 5-7 PM in Faculty Lodge.

8.10 Bank Facility

Doon University has a small outlet of Punjab National Bank (PNB) in the University campus. Twenty four hour service of PNB and HDFC ATM counter is also available in the campus for the students, faculty and staff members.

8.11 Day Care Centre

University has established a Day Care Centre with the financial assistance of UGC. The Day Care Centre is located in one of the flat in the ground floor of Warden House Complex and is equipped with facilities such as space for dining, activity room, rest room etc. Both faculty and staff of the University can make use of the Day Care Facility on payment basis. At present three children in the age group of 6 months to five years are making uses of the Day Care Facility. One Governess and one helper are taking care of the children in Day Care Centre.

8.12 Faculty Lodge

University has a 60-twin room suite located inside the University Campus for the Adjunct faculty, Visiting Faculty and any other guest visiting Doon University. The faculty lodge also has a Modern Cafeteria/Mess serving hygienic and healthy food to faculty, students and guests. Moreover, international guesthouse with all modern amenities will start functioning in the University campus in future.

8.13 Post Office

Space for the post office has also been provided in the University campus to facilitate postal services to students, faculty and staff members.

9.Co-curricular Activities

9.1 Cultural Activities:

A lot of cultural activities were oregonized during the year. A few cultural activities were organized under the aegis of Schools/Departments and many by the Cultural Cell of the University.

9.2 Sports Activities:

GLIMPSES OF GAMES IN DOON UNIVERSITY

Inter School Volleyball Tournament Interschool Table Tennis



Inter School kabaddi



Inter School Cricket Tournament



Inter School Chess Tournament



Inter School basket ball



Inter School badminton



15 days Table Tennis Workshop (6th to 21st February 2023)

Fifteen days Table Tennis Workshop was organized from 6th to 21st February, 2023 under the guidance of Dr Suneet Naithani. 40 students registered for the workshop. Equal number of boys and girls enrolled in the workshop. The Inaugural session was presided over by Dr AC Joshi, NTPC Chair Professor and Dr Suneet Naithani, Chairman Sports and Dr Reena Singh. Dr Joshi motivated and encouraged the participants in his inaugural address. Dr Naithani congratulated the participants for taking the first step. He told them about basics of the sport and introduced convener Table Tennis boys, Shaurya Singh and convener Table Tennis girls, Srishti Kala. Shaurya Singh and Srishti Kala were the organisers of the workshop. Dr Naithani shared the schedule and advised the participants to adhere to the schedule strictly. Towards the end of the workshop, matches were organized and winners were given certificate of appreciation. Valedictory Session was presided over by Dr M.S. Mandrawal, Registrar Doon University, Prof. H.C. Purohit, Dean Students Welfare, Dr Suneet Naithani, Chairman Sports and Dr. Nitin Kumar. All the participants were given participation certificates.



Schedule of Workshop

Day 1 (06-02-2023)

- Introduction,
- Basic knowledge about game
- Sharing of the 15 days activities plan

Day 2 and Day 3 (07-02-2023 and 08-02-2023)

- Stance
-
- Body posture
- Basic pushes
- Footwork movement
- Shadow practice

Day 4 and Day 5 (09-02-2023 and 10-02-2023)

-
- Services(Backhand/forehand)

Day 6 and Day 7 (11-02-2023 and 12-02-2023)

- Rally of services
(topspin/backspin/sidespin)
- Backhand and forehand push.

Day 8 and Day 9 (13-02-2023 and 14-02-2023)

- Forehand Drive

Day 10 and Day 11 (15-02-2023 and 16-02-2023)

- Backhand drive

Day 12 and Day 13 (17-02-2023 and 18-02-2023)

- Whole rally including everything.

Day 14 (20-02-2023)

- Sharing of the Match rule and overall practice

Day 15 (21-02-2023)

- Matches



DAILY TIME TABLE

8:00-8:30 am - Warm up (running and exercise)

8:30-10:00 am – Practice Session according to the schedule

Organizers

1. Shaurya Singh, Convener Boys Table Tennis
2. Srishti Kala, Convener Girls Table Tennis

Winners of Match at the end of Workshop

- | | |
|------------------------|--|
| 1. Ms. Suryanshi Rawat | B.Sc. Biological Science, First year, SOBS |
| 2. Mr. Nikhil Mewar | B.Sc. Computer Science, First Year, SOPS |
| 3. Mr. Shaurya Bisht | B.Sc. Mathematics, Second Year, SOPS |

HIGHLIGHTS OF INTERSCHOOL TOURNAMENTS, DOON UNIVERSITY, 2023





SPORTS ACTIVITIES DURING 2023, SEPTEMBER OCTOBER
A.Inter School Tournament, Doon University

Event	Gender	Number of participant
Football	M	152
Cricket	M	144
Basketball	M	106
Basketball	W	48
Volleyball	M	96
Volleyball	W	48
Table Tennis	M	27
Table Tennis	W	22
Badminton	M	48
Badminton	W	24
Chess	M	22
Chess	W	14

A. North

Zone AIU

2023

1. Chess: Man and Women
2. Basketball: Men and Women
3. Volleyball: Men and Women
4. Table Tennis: Men and Women
5. Badminton: Men and Women
6. Football: Men
7. Cricket: Men

Newly introduced

8. Taekwondo
9. Judo/karate
10. Wushu

Note: Taekwondo, Judo Karate workshop is going on from 25.10.2023 onwards. About 35 students have registered for this workshop.

A. Other sports activities

1. Preparation of Sports Calendar
2. Friendly Match football; Doon University Vs outsiders
3. Friendly Basketball: Doon University Vs others
4. Introduced Girls Football
5. Independence Day celebration including Prabhaat Feri and marathon (long races), 15 August, 2022 and 2023.
6. Preparation of Sports reports.

9.3 Placement Cell:

Placement Cell Overview

The PLACEMENT CELL at Doon University was established in the year 2011 with an objective to enable skill development & enhance the employability of students across various programmes offered by the University. The objective of the Placement Cell is to ensure a strong Industry-Academia Interface for necessary inputs in Curriculum Development, Teaching Pedagogy, Industry Projects, Summer Internships and Final Placements.

To ensure a smooth and transparent process for the students as well as companies, some important measures were taken. Firstly, data about employing companies from the internet was searched from various job portals for various programmes being offered by the University. This exercise was done to jot down various prospective employers vis-à-vis programmes offered by the University. Various emails were sent to contact the prospective employers, briefing them about the University profile and various programmes offered by the University. However, the response was bleak but the process of bridging with prospective employers continued with enthusiasm started and today the Placement Cell has a pool of over 25 best employers in the Country.

To encourage employability, there is a strong culture of experiential learning and students supplement their academic learning with practical insights from the corporate world. Placement Cell hosts various workshops on Personality Development and Employability to facilitate a comprehensive learning curve for the students. This is truly reflected in the dominance of our students in the best and the most corporate houses in the country as well in Govt. Sector Exams

Placement Cell Structure

University has a Central Placement Cell which caters to the job requirements of various schools for internships, final placements and any other work project/task concerning employability of students. The Central Placement Cell facilitates various Campus Placement Drives for all Schools and also extends necessary support for pre-placement sessions and necessary process documentation wherever required. Central Placement Cell since inception is being headed by Sh. Shiv Kumar Dadar, Associate Professor, School of Management since incept. Each School has designated one faculty member for the Central Placement Cell for co-ordination and other placement activities.

However, each School also has its own Placement Unit comprising of Faculty Members and a selected few student who work in tandem with Central Placement Cell for various placement related activities. The School's Placement Unit is the primary contact centre for the students of the respective school for all placement related needs.

Placement Process

The Central Placement Cell keep approaching various Companies & Organisations all throughout the year but major thrust starts with July onwards each academic year for final placement of the students. This activity involves sending emails about running batches, students profile and other facilities that University can extend for facilitating placements. Students in the final year are advised to prepare their Resumes/ Curriculum Vitae and keep it ready in soft and hard copy as well. Actual Final Placements starts from November onwards each academic year and goes up till May placing students in various companies and organisations.

In response to requirements from specific schools, Central Placement Cell also facilitates Summer & Winter Internships for students across various Corporates, and NGOs. With respect to School of Management, special sessions are being organised for better Summer Placements and students are well-guided and encouraged to perform well in their Internships to bring pre-placement offers from their concerned organisation.

Summer Placement Process starts from January of every calendar year and goes until May for Management Students only. Students are given request letters from Head of the Department and wherever endorsement/ intervention of the Central Placement Cell is required it is willfully extended to the concerned student.

Central Placement Cell also organises pre-placement talk in case concerned organisation agrees for the same so that students are well versed with culture, growth, perks and opportunities existing within the concerned organisation.

Generic Flow Chart: Placements

The following process is generally adopted by most of the employers visiting Doon University for Final Placements. However mid-size companies only go for group discussion and final interview.

STEP 1:

Senate Hall of the University is utilised for this purpose. It is fully equipped with multi-media projection and audio system and has a sitting capacity of approx 200 students.

STEP 2:

Central Computer Lab and SOM, Computer Lab are being used for Conducting this test. This test consists of basic maths, English and logical reasoning questions.

STEP 3:

For this round again Central Computer Lab and SOM, Computer Lab are being used for Conducting this test. This test consists of questions pertaining simulation of job role for which student is being hired.

STEP 4:

Conference Hall and Placement Cell Office is being utilised for this purpose. This round is to check team leadership, personal insights, knowledge base and confidence of the student.

Normally, results are announced the same day or the next working day following final round day. Results in written are sent to concerned HODs by the Central Placement Cell of selected students.

9.4 Zero Tolerance to Ragging

- Display of anti-ragging squad members' contact information on the notice boards of all the hostels, departments, administration building etc.
- Dedicated boards having the same information as in above have been placed in the administrative building and both the hostels.
- A surprise visits were also made in the Alaknanda (girls') and Shivalik (boys') hostel. The anti-ragging squad members interacted with the present students and mentioned about the policies about the anti-ragging policy.
- The information has been uploaded on the University portal mentioning Anti-Ragging policies and relevant phone numbers, links and documents.

9.5 Redressal of Gender Issues

The Committee for Redressal of Gender Issues (CGRI) was constituted by Doon University on the Supreme Court guidelines of Vishaka vs. State of Rajasthan case in 1997. Hon'ble Supreme Court has laid down the guidelines for the prevention and deterrence of sexual harassment at workplace. Following the recommendations of the Supreme Court, the Committee for Redressal of Gender Issues was constituted by Doon University in 2010 to implement these guidelines. A permanent board displaying the name and mobile numbers of the committee members have been displayed in both boys and girls hostels and other important locations such as administration block, lecture hall complex, library etc.

9.6 Green Campus

Taking the cognizance of growing environmental degradation and impact of Climate change Doon University is fully committed towards the cause to environmental protection. The University has taken number of initiatives for making Doon University environment sensitive and friendly.

Installed Solar heating system in Faculty Home, Faculty Lodge and both the boys and Girls Hostels.

Installation of about eighty solar street lights in the University Campus. Construction of a composting unit for the management of biodegradable waste generated from University Campus. Water Harvesting Structures in all the Buildings Recycling of wastewater through Sewage Treatment Plant.

Some of new initiatives taken include energy efficient and sensor based arc-xenon lamp has replaced new lamps on street light. These lamps are more energy efficient and with higher illumination.

Herbal Garden has been established with the financial support of HRDI Govt. of Uttarakhand.

9.7 Doon Science club:

Doon Science Club came in to existence on 25th August, 2015. It organizes seminars, quizzes, lectures, presentations in order to make students familiarize with latest advances in the area of Science learning, research and innovations.

10. Future Projections

10.1 Academic Programme:

Centres to be Established

- Uttarakhand Languages Centre
- MSME Centre

10.2 Expansion of Infrastructure

1. Maintain Faculty-student ratio of 1:25
2. Stengthening of Student Clubs for overall development
 - Cultrual Club
 - Theater Club
 - Literary Club
 - Fine Arts Club
 - Sports Club
 - Photography Club (New club to explore Uttarakhand)
 - Green Club (New club for promotion of Plantation and greenery in campus and Dehradun)
3. Recruitment of Faculty and Staff
4. New Constructions as per initial proposal
5. Second campus for expansion of University and becoming Centre of Excellence in Uttarakhand

DOON UNIVERSITY
MOTHROWALA ROAD, KEDARPURAM, DEHRADUN, UTTARAKHAND
BALANCE SHEET AS AT 31ST MARCH 2023

Sr.No.	PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
A	<u>LIABILITIES</u>			
i	CORPUS FUND	1	36,000,000	35,500,000
ii	GRANT FUND	2	11,854,574	15,081,774
iii	GENERAL FUND	3	463,422,431	465,184,798
iv	FUNDS ACCUMULATED AND SET APART	4	-	11,369,278
v	FIXED ASSET CAPITAL FUND	5	1,125,598,257	1,159,438,221
vi	EARMARKED FUND	6	59,297,969	64,597,585
vii	CURRENT LIABILITIES & PROVISIONS	7	63,076,491	57,318,424
	Total in Rs....		1,759,249,722	1,808,490,081
B	<u>ASSETS</u>			
i	FIXED ASSETS	8	1,125,423,149	1,159,263,113
ii	INVESTMENT	9	347,163,645	378,110,219
iii	CURRENT ASSETS, LOANS & ADVANCES	10	286,662,928	271,116,749
	Total in Rs....		1,759,249,722	1,808,490,081

"As per Audit Reports of even date."


Prof. SUREKHA DANGWAL
Vice Chancellor


SH. HAR SINGH BAUNAL
Finance Controller

For Saurabh Kishan & Co.
Chartered Accountants
FRN:010729C

CA SAURABH KISHAN
FCA, Partner
M No 400521


Date : 30/10/2023
Place : Dehradun
UDIN: 23400521BGVUIB5883

DOON UNIVERSITY
MOTHROWALA ROAD, KEDARPURAM, DEHRADUN, UTTARAKHAND

Income & Expenditure A/c for the year ending 31st March 2023

Particulars	Schedule	Current Year (Rs.)	Previous Year (Rs.)
Income			
Grants from Govt. of Uttarakhand	2	130,400,000	120,000,000
Sale proceeds from Forms	11	3,774,050	5,273,371
Fee Receipts	12	119,108,116	95,796,011
Interest Earned	13	22,365,467	13,411,142
Other Income	14	5,959,750	3,360,971
Total (A) in Rs....		281,607,383	237,841,495
Expenditure			
Establishment Expenses	15	131,773,009	103,334,063
Other Administrative Expenses	16	99,760,040	81,329,609
Finance Expenses	17	13,913	47,576
Transfer to FA Capital Fund	8	19,292,066	10,504,226
Total (B) in Rs....		250,839,028	195,215,473
Surplus [Being excess of Income over Expenditure]		30,768,355	42,626,022

"As per Audit Reports of even date."



Prof SUREKHA DANGWAL
Vice Chancellor



SH. HARSINGH BAUNAL
Finance Controller

For Saurabh Kishan & Co.
Chartered Accountants


CA SAURABH GUPTA
FCA, Partner
M No 400521

Date : 30/10/2023
Place : Dehradun
UDIN: 23400521BGVUIB5883

ANNEXURE-I

Details of Members of The Court During year 2022-23

1. Hon'ble The Governor and the Chancellor and Chairman of the Court
2. Vice Chancellor
3. Registrar
4. Finance Controller
5. University Librarian
6. All Heads of Schools and Departments
7. Principal Secretary/Secretary, Higher Education
8. Principal Secretary/Secretary, Dept. of Finance
9. Prof. S. P. Singh, Former Vice Chancellor HNB Garhwal University
10. Prof. P. D. Juyal, Ex Vice Chancellor Nanaji Deshmukh Veteran Science University
11. Prof. S. S. Rawat, Ex Head and Dean Dept. of Horticulture, HNB Garhwal University
12. Prof. Kavita Sharma, Dept. of Commerce, Delhi College of Economics
13. Mr N. Ravishankar I.A.S. (retd) Chancellor, IMS Unison University
14. Mr Ajay Ballabh Bhatt, Ex Vice Chancellor, HNB Garhwal University
15. Mr. Prem Chand Sharma, Vill and P.O. Hataal, Tehsil Tyuni, Dehradun
16. Dr. Ranjana Bansal, CMD Ashok Group of Companies
17. Dr. D. D. Arora Kurukshetra, Haryana
18. Dr. G. S. Batra Dean Academic Affairs, Punjabi University, Patiyala

ANNEXURE-II

Details of EC Members During year 2022-23

1. Prof. Surekha Dangwal, Vice Chancellor and Chairperson Executive Council,
2. Secretary, Higher Education, Govt. of Uttarakhand
3. Secretary, Dept of Finance Govt. of Uttarakhand
4. Prof. S. P. Singh, Former Vice Chancellor, H.N.B. Garhwal University, Srinagar
5. Prof. Mridula Bhadauria, Head, Department of Education C.S.J.M. University, Kanpur
6. Dr. D. D. Arora, Kurukshetra, Haryana
7. Dr. G. S. Batra, Dean Academic Affairs, Punjabi University, Patiyala
8. Prof. R.P. Mamgain, Professor & Head department of Economics, Doon University
9. Shri Sunil Kumar Raturi, Finance Controller
10. Dr. M. S. Mandrawal Registrar and Secretary, Executive Council

ANNEXURE-III

Details of Members of Academic Council during year 2022-23

1. Prof. Surekha Dangwal, Vice Chancellor and Chairperson.
2. Prof. Tejinder Sharma, Dept. of Commerce, Kurukshetra University.
3. Prof. Amita Singh, Former Chairperson Centre for the Study of Law and Governance, JNU
4. Prof. Kusum Arunachalam, Professor and Head SENR, Doon University.
5. Prof. H. C. Purohit, Professor & Head, School of Management
6. Prof. R.P. Mamgain, Professor & Head Economics and Coordinator SoSS.
7. Dr. A. C. Joshi, Chair Professor, NTPC, Centre for Public Policy.
8. Dr. Rajesh Kumar, Associate Professor & I/c Head, SOMCS.
9. Dr. S. S. Suthar, Associate Professor, SENR
10. Dr. Reena Singh, Associate Professor, SoM.
11. Dr. Narendra Rawal, Associate Professor & I/c Head Computer Science, SoPS.
12. Dr. Chetana Pokhriyal, Associate Professor & I/c Head English and Coordinator SoL.
13. Dr. Harsh Pati Dobhal, Visiting Professor SoMCS, Doon University.
14. Dr. Suneet Naithani, Assistant Professor, SENR
15. Dr. Rashi Mishra, Assistant Professor, SoMCS, Doon University.
16. Dr. Ashish Sinha, Assistant Professor, SoM.
17. Dr. Mala Shikha, Assistant Professor & I/c Head, Dept. of Spanish Studies, SoL.
18. Ms. Sikha Ahmad, Assistant Professor, Dept. of Economics, SoSS.
19. Ms. Deepika Bhatia, Assistant Professor & I/c Head, Dept. of Japanese Studies, SoL.
20. Dr. Achlesh Daverey, Assistant Professor, SENR & Coordinator SoBS.
21. Dr. Arun Kumar, Assistant Professor & I/c Head, Dept. of Chemistry, SoPS.
22. Dr. Himani Sharma, Assistant Professor & I/c Head, Dept. of Physics, SoPS.
23. Dr. A. R. Gairola, Assistant Professor & I/c Head, Dept. of Mathematics, SoPS
24. Dr. Savita Karnatak Tiwari, Visiting Assistant Professor & I/c Dept. of Psychology.
25. Dr. Richa Joshi Pandey, Assistant Professor, English
26. Dr. Shubhra Kukreti, I/c Head, Dept. of French, SoL.
27. Dr. Shanky Chandra, Assistant Professor & I/c Head, Dept. of Chinese, SoL.
28. Ms. Dhirti Dhaundiyal, I/c Head, SoD.
29. Dr. Vipul Goswami, Assistant Professor & I/c Head, Dept. of German Studies, SoL.
30. Dr. Preeti Mishra, Assistant Professor, Computer Science, SoPS.
31. Dr. Ashish Kumar, University Librarian
32. Shri Sunil Kumar Raturi, Finance Controller, Doon University.
33. Dr. Mangal Singh Mandrawal, Secretary, Academic Council & Registrar

ANNEXURE-IV

The Finance Committee of the University during the period 2022-23

1. Prof Surekha Dangwal, Vice Chancellor, Doon University
2. Shri H. S. Bisht, Under Secretary Finance, Govt of Uttarakhand
3. Shri Prashant Arya, Add. Secretary Higher Education, Govt of Uttarakhand
4. Prof S. P. Singh, Ex VC, Member of EC
5. Prof Gurdeep Singh Batra, Member of EC, Doon University
6. Dr. M.S. Mandrawal, Registrar, Doon University.
7. Shri Har Singh Baunal, Finance Controller, Doon University.

Various Committees of Doon University and their members (2022-23)

Library Advisory Committee

1. Vice Chancellor	Chairperson
2. Finance Controller	Member
3. Registrar	Member
4. Prof. Kusum Arunachalam, Professor SENR	Invitee Member
5. Prof. H.C. Purohit, Professor SoM	Invitee Member
6. Prof. R. P. Mamgain, Professor, Economics	Invitee Member
7. Dr. Rajesh Kumar, Associate Professor, SoMCS	Invitee Member
8. Dr. Chetana Pokhariyal, Associate Professor, English	Invitee Member
9. Dr. Narendra Kumar, Associate Professor, C.S.	Invitee Member
10. Dr. Achlesh Daverey, Assistant Professor, SENR	Invitee Member
11. Ms Dhriti Dhaundiyal, Assistant Professor, SoD	Invitee Member
12. University Librarian	Secretary

Committee for Redressal of Gender Issues (CRGI)

1. Dr. Chetana Pokhariyal, Assoc. Prof.	Convener
2. Dr. Nitin Kumar, Assistant Professor	Member
3. Dr. Savita K. Tiwari, Assistant Professor	Member
4. Dr. Sarita Singh, Assistant Professor, SoPS	Member
5. Prof. Rachna Nautiyal, Joint Project Director, RUSA	Member
6. Mr Alok Bahuguna, Advocate	Member
7. Dr. Parul Dixit, Assistant Professor, DAV Collge	Member
8. Representative of Students (Boys)	Member
9. Representative of Students (Girls)	Member

Grievance Redressal Committee (CRG)

1. Dr Rajesh Kumar, Associate Professor	Chairperson
2. Dr Suneet Naithani, Assist. Prof	Member
3. Ms Juhee Prasad, Assist.	Member
4. Dr. Asha Ram Gairola, Assistant Professor	Member
5. Student Representative of the respective School invitee (based on academic merit)	

Anti Ragging Squad

1. Dr Vikas Sharma, Assistant Professor	Chairperson
2. Dr. Prachi Pathak, Assistant Professor	Member
3. Dr Sarita Singh, Assistant Professor	Member
4. Mr Ravi Kumar, Assistant Professor	Member

- | | |
|---|--------|
| 5. Dr. Preeti Mishra, Assistant Professor | Member |
| 6. Security Supervisor | Member |

Anti-Ragging Committee

- | | |
|---|------------------|
| 1. The Vice Chancellor | Chairperson |
| 2. City Magistrate, Dehradun | Member |
| 3. Circle Officer, Nehru Colony Police Station | Member |
| 4. Ms Bharti Saklani, Journalist | Member |
| 5. Ms Pushp Lata Rawat, Room to Read Truist (NGO) | Member |
| 6. Prof. Harsh Dobhal, SoC | Member |
| 7. 02 Representative of Parent | Member |
| 8. 02 Student Representatives | Member |
| 9. Registrar, | Member Secretary |

Cultural Committee

- | | |
|--|----------------|
| 1. Dr. Chetana Pokhriyal | Coordinator |
| 2. Dr. Rajesh Bhatt, Assistant Professor | Member |
| 3. Dr. Madhu Bisht, Guest Faculty | Member |
| 4. Dr. Ajeet Panwar, Guest Faculty | Member |
| 5. Dr. Aditi Bisht, Guest Faculty | Member |
| 6. Student Cultural Representative (Boys) | Student Member |
| 7. Student Cultural Representative (Girls) | Student Member |

Sports Committee

- | | |
|---|-------------|
| 1. Dr Sunit Naithani, Assistant Professor | Chairperson |
| 2. Ms Deepika Bhatia, Assistant Professor | Member |
| 3. Dr Charu Dwevedi, Assistant Professor | Member |
| 4. Dr. Shanky Chandra, Assistant Professor | Member |
| 5. Mr Pawan Ikka, Guest Faculty | Member |
| 6. Ms Swati Singh, Guest Faculty | Member |
| 7. Md. Yaseen, Faculty on contract. Chinese | Member |

University Proctorial Board

- | | |
|--|---------------|
| 1. Dr. S. S. Suthar, Associate Professor, SENR | Chief Proctor |
| 2. Dr. Ashish Sinha, Assistant Professor, SoM | Proctor |
| 3. Mr. M. K. Jha, Assistant Professor, Chinese | Proctor |
| 4. Dr. Komal, Assistant Professor, Mathematics | Proctor |
| 5. Dr. Savita Karnatak Tiwari, Visiting Assit. Professor | Proctor |