

ANNUAL REPORT  
2017 – 2018



DOON UNIVERSITY  
DEHRADUN

Doon University, 2018  
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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 thirteenth year.

At present, the University is offering degree programmes in School of Environment and Natural Resources (SENR), School of Physical Sciences (SOPS), School of Media & Communication Studies, School of Languages (SOL), School of Management (SOM), School of Social Sciences (SOSS), School of Technology (SOT) and School of Design (SOD). Among these, the SOPS has four departments, viz., Dept. of Physics, Dept. of Chemistry, Dept. of Mathematics and Dept. of Computer Science within its ambit.

At Doctoral level, the Ph.D. Degree programmes are being offered in School of Environment and Natural Resources (SENR), School of Physical Sciences (SOPS), School of Management (SOM) and School of Mass Communication (SOC). At Doon University, we take pride in 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 plans to add one more girls hostel with generous support from State Government.

The University has very dynamic and capable faculty with excellent academic profile having years of research experiences from India and abroad. The university is constantly striving to induct new faculties in various Schools and has successfully managed to attract excellent talents in recruiting new faculties across all Schools and Departments. The faculty members have an impressive record of research publications and sponsored research projects and consultancies.

With best wishes  
(Dr. C.S. Nautiyal)



## 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 classroom based 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

Field Study/Summer Internship for third Semester students for first hand professional experience and hands-on training.

Dissertation in fourth Semester for enhancing analytical capacity and research aptitude in students

- = Field Study/Summer Internship for third Semester students for first hand professional experience and hands-on training.
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- projects, assignments, tests/quizzes

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## 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. Two executive council meetings were held during 2017-18.

The 26<sup>th</sup> Executive Council meeting was held on 7<sup>th</sup> and 8<sup>th</sup> June 2017.

Key Decision taken by the Executive council were:

- Establishing National Academic Depository (NAD) and signing of Service Level Agreement (SLA) with CDSL Ventures Ltd.
- Approved in principle for setting up a Centre for Himalayan Performing Arts, Ritual and Culture at Doon University, Dehradun.
- Approved proposal for establishing a Computational Science Research Centre (CSRC) at Doon University.

The 27<sup>th</sup> Executive Council meeting was held on 09<sup>th</sup> March, 2018

Key Decision taken by the Executive council were:

- Approved establishment of Dr Nityanand Himalayan Research and Study Centre in Doon University.
- Approved proposal for establishment of Dr. B. R. Ambedkar Chair in the University.
- To submit a letter/proposal to the Social Welfare/Tribal Affair Department of the State to seek directions regarding its functioning in the University.
- Approved the Citizen Charter of Doon University.
- Approved renaming the School of Communication as School of Media and Communication Studies and changing the name of academic programmes accordingly.
- Approved Biometric Attendance system of recording attendance of the faculty and staff and resolved to install CCTV cameras in classrooms and online attendance of the students.
- Approved the estimated Budget of the University for the year 2018-19.
- Approved Annual Report of the University for the year 2016-17

### 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. 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.

**24<sup>th</sup> meeting of the Academic Council was held on 29<sup>th</sup> May, 2017 in the Conference Hall of the University at 11:00AM under the Chairmanship of Prof. V. K. Jain, Vice Chancellor**

### Key Decisions taken by the Academic Council in 24<sup>th</sup> meeting on 29<sup>th</sup> May, 2017:

- Approved the course structure and syllabus of 3 years MCA programme.
- Approved the revised course structure and syllabus of 5 Years Integrated M.Sc. Computer Science programme.
- Approved the revised course structure and syllabus of Semester 7 to 10 of the 5 Years Integrated MCA programme.
- Approved proposal for setting up a Centre for Himalayan Performing Arts, Ritual and Culture at Doon University, Dehradun.

- Approved restructuring of B.A. 5<sup>th</sup> and 6<sup>th</sup> Semester courses of Integrated M.A. Japanese.
- Approved restructuring of B.A. 7<sup>th</sup> and 8<sup>th</sup> Semester of Integrated M.A. Japanese programme.
- Approved restructuring of 9<sup>th</sup> and 10<sup>th</sup> Semester courses of M.A. Integrated Japanese Programme.
- Approved modification in the syllabus of M.Sc. integrated Physics programme.
- Approved proposal for establishing a Computational Science Research Centre (CSRC) at Doon University.
- Approved modifications in the syllabi of M.Sc. Mathematics 2 year programme.

Approved inclusion of one core course in the third semester and two new generic courses in the first and fourth semester of the Integrated M.Sc. Mathematics programme.

### 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. Dr. C. S. Nautiyal, VC
2. Dr. B.M. Harbola, Registrar
3. Shri B.C. Tiwari, 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 6<sup>th</sup> 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 19<sup>th</sup> 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]  
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]



- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>13. M.A. Chinese (5years Integrated Programme) [School of Languages]</li> <li>14. M.A. Japanese (5 years Integrated Programme) [School of Languages]</li> <li>15. M.A. French (5 years Integrated Programme) [School of Languages]</li> <li>16. 2 years Masters in Business Administration [School of Management]</li> <li>17. 5 years Integrated Masters in Business Administration [School of Management]</li> <li>18. Ph. D. Management [School of Management]</li> <li>19. 5 years Masters in Computer Application [School of Technology]</li> </ol> | <ol style="list-style-type: none"> <li>14. M.A. Japanese (5 years Integrated Programme) [School of Languages]</li> <li>15. M.A. French (5 years Integrated Programme) [School of Languages]</li> <li>16. 2 years Masters in Business Administration [School of Management]</li> <li>17. 5 years Integrated Masters in Business Administration [School of Management]</li> <li>18. Ph. D. Management [School of Management]</li> <li>19. 5 years Masters in Computer Application [School of Technology]</li> <li>20. 5 years integrated M.Sc. in Chemistry</li> <li>21. 5 years integrated M.Sc. in Mathematics</li> <li>22. 5 years integrated M.Sc. in Physics</li> <li>23. 2 years M.Sc. in Physics with specialization in opto electronics</li> <li>24. 2 years M.Sc. in Mathematics</li> <li>25. 4 Years Bachelor in Design Degree (B Des)</li> </ol> |
|---|---|

#### 4.7 Seventh Academic Session (2015-2016)

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 (5years Integrated Programme) [School of Languages]

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

#### 4.9 Ninth Academic Session (2017-2018)

Admissions were offered in the following academic programs:

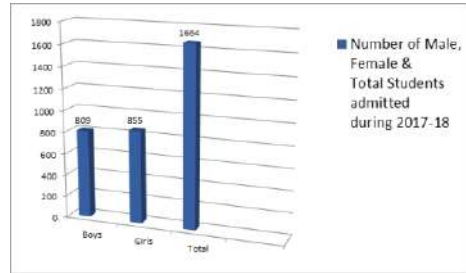
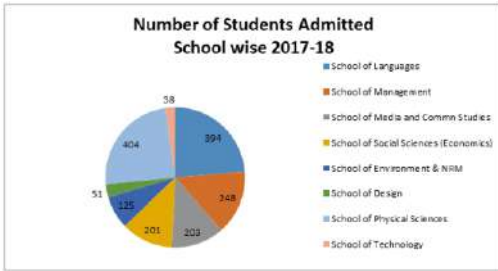
1. M.A. Communication [School of Media & Communication Studies]
2. 5 years Integrated programme [School of Media & Communication Studies]
3. Ph. D. Communication [School of Communication]
4. M.Sc. Environmental Science [School of Environment and Natural Resources]
5. M.Sc. Natural Resource Management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

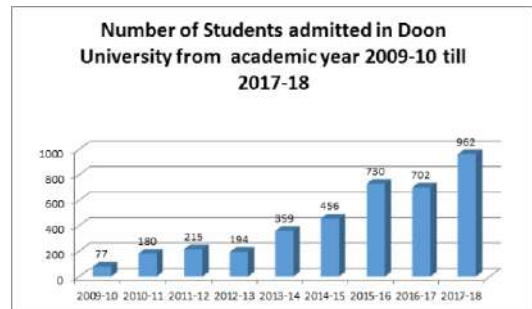
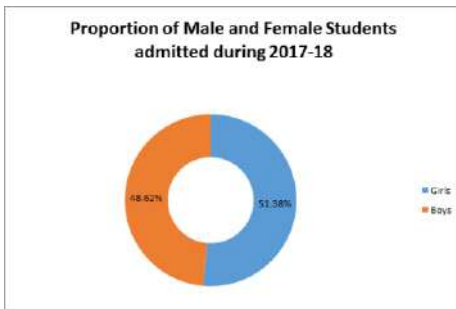
#### 4.10 Admission

1664 students were admitted in 2017-18 session and the number of students admitted under each school is given below:

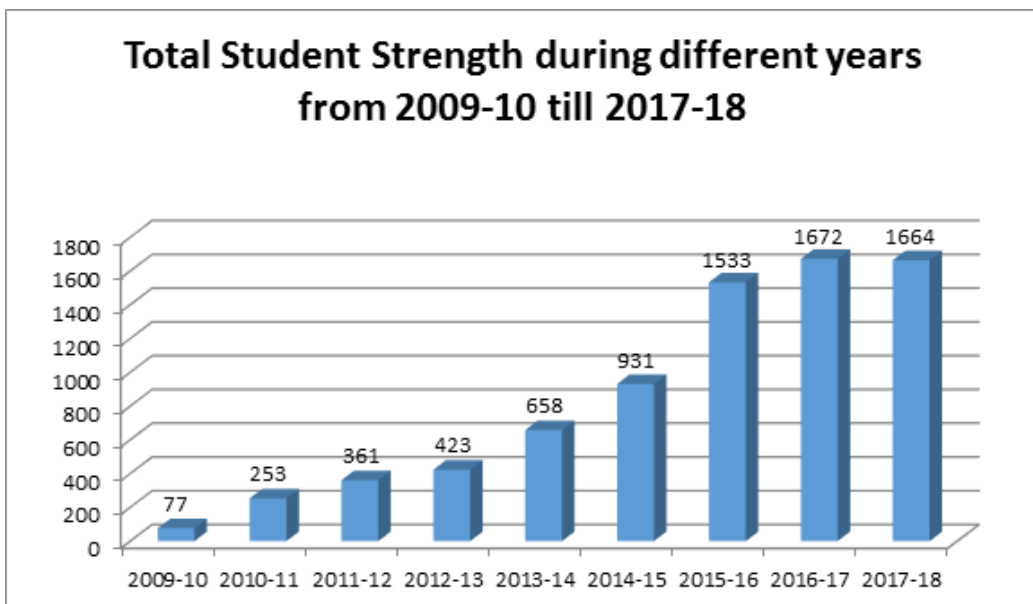
The total number and proportion of male and female students admitted during 2017-18 are given below:



The trend of number of students admitted in Doon University since the inception of academic program (2009-10) till academic year 2017-18 is shown below:



The total student strength in Doon University during different years since the inception of academic program (2009-10) till academic year 2017-18 is shown below:



### 4.11. Orientation Programme for New Students

The academic session started on 1<sup>st</sup> August, 2017. On the first day of orientation week, each School & Depts organized an interactive 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.

### 4.12. Faculty Achievements

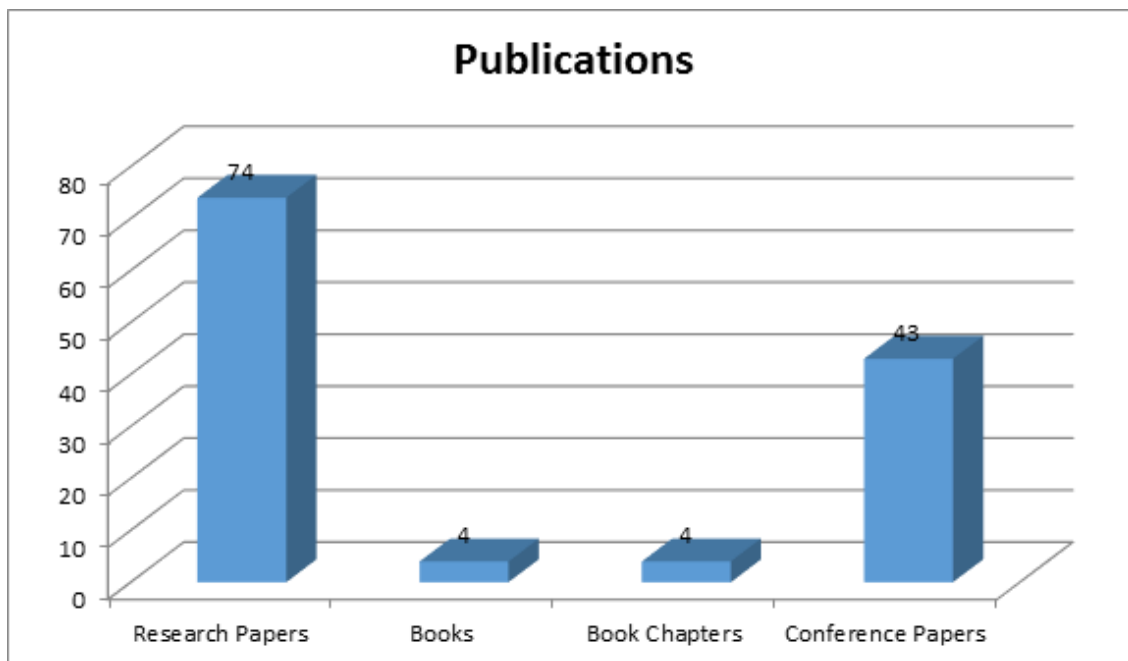
The current faculty strength of Doon University is 70. The faculty is the representative of the diversity of the country. Approximately, half of the faculty is female. The complete data is given in a table below:

	Male	Female	Total
<b>Regular Faculty</b>	<b>19</b>	<b>20</b>	<b>39</b>
<b>Contractural Faculty</b>	<b>13</b>	<b>15</b>	<b>28</b>
<b>Visiting Faculty</b>	<b>02</b>	<b>01</b>	<b>03</b>

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”. A graphical representation of total numbers of research papers, book chapters and conference papers is depicted below.



## B. Extramural Research Grants

Details of Project Sanctioned during 2009 to 2018

Sr. No.	Name of Project	Name of Project Director	Year	Sanctioned Amount
1.	GIZ, Germany	Prof. G. B Pant & Prof. Kusum Arunachalam	2012-2013	7.0 Lakhs
2.	NICRA, ICAR	Prof. Kusum Arunachalam	2011-2014	33.0 Lakhs
3.	C-WET	Prof. G.B. Pant & Dr. Vijay Sridhar	2013	10.0 Lakhs
4.	ICSSR	Rashi Mishra	2012-2013	4.50 Lakhs
5.	AICTE	Dr. Gajendra Singh	2010-2013	9.98 Lakhs
6.	UGC	Dr. Gajendra Singh	2013-2015	4.79 Lakhs
7.	ICSSR	Dr. Gajendra Singh	2012-2014	6.04 Lakhs

8.	UGC	Dr. Gajendra Singh	2008-2010	3.85 Lakhs
9.	GIZ	Mohit Chaturvedi/ Siba Sankar Mohanty	2010	10 .0 Lakhs
10.	Pratham Education Foundation	Dr. Siba Sankar Mohanty	2012	0.5 Lakhs
11.	GIZ	Dr. Siba Sankar Mohanty	2013	0.66 Lakhs
12.	ICSSR	Dr. R. S. Tolia	2012-2014	43 Lakhs
13.	SERD-DST	Dr. S. S. Suthar	2012-2014	20 Lakhs
14.	UGC	Dr Ashish Sinha	2013-2015	5.67 Lakhs
15.	UGC	Dr. Rajesh Kumar	2013-2015	2.85 Lakhs
16.	UGC	Dr. Gajendra Singh	2013-2015	.04 Lakhs
17.	UGC	Dr Vijay Shridhar	2013-2015	12.80 Lakhs
18.	UGC	Dr. Archana Sharma	2013-2015	11.11 Lakhs
19.	ICSSR	Ms. Mala S hikha	2013-2014	8.0 Lakhs
20.	ICSSR	Dr. Rajesh Kumar	2013-2014	6.0 Lakhs
21.	ICSSR	Dr. Sudhanshu Joshi	2013-2015	2.0 Lakhs
22.	ICSSR	Dr Ashis h Sinha	2013-2015	3.0 Lakhs
23.	ICSSR	Dr. Rahul Chamoli	2013-2014	3.56 Lakhs
24.	HWO	Dr. R. S. Tolia	2013-2014	13.0 Lakhs
25.	Shri Ratan Tata	Dr. R. S. Tolia	2013-2014	7.55 Lakhs
26.	UGC	Dr. Kusum Arunachalam	2012-2015	10.65 Lakhs
27.	HRDI/SMPB	Dr. Kusum Arunachalam	2014-2016	20 Lakhs
28.	DST	Dr. Kusum Arunachalam & Dr.Vijay Shridhar	2015-2020	49.33 Lakhs
29.	DST -FIST	Dr. Kusum Arunachalam	2014-2017	65.00 Lakhs
30.	UGC	Dr. Vipin Saini	2015-2018	15 Lakhs
31.	DST	Dr. Garima Dixit	2015-2018	35 Lakhs
32.	UGC	Dr. Sudhanshu Joshi	2015-2018	11.26 Lakhs

33.	ICSSR	Dr. Sudhanshu Joshi	2015	0.99 Lakhs
34.	Ministry of Textile, Government of India	Dr. Sudhanshu Joshi	2015	13.9 Lakhs
35.	ICSSR	Prof. H.C. Purohit	2016	
36.	SERB -DST	Dr. Sarita Singh	2016	51.2 Lakhs
37.	UGC	Dr. A.R. Gairola	2016	1 Lakh
38.	UGC	Dr. Kamal	2016	6 Lakhs
39.	IUAC	Dr. Vikas Sharma	2016	15.168 Lakhs
40.	UGC	Dr. Himani Sharma	2016	10 Lakhs
41.	SERB	Dr. Arun Kumar	2016	25.91 Lakhs
42.	UGC	Dr. Arun Kumar	2016	10 Lakhs
43.	UGC	Dr. Charu Dwivedi	2016	10 Lakhs
44.	DST	Dr. Sushil Kumar	2016	35 Lakhs
45.	ICSSR	Prof. H. C. Purohit	2017-18	600000
46.	SERB	Dr. Vipin Kumar Saini	2017-18	3205700
47.	SERB	Dr. Achlesh Daverey	2017-18	3868200
48.	SERB	Dr. Sarita	2017-18	3404816
49.	SERB	Dr. Himani Sharma	2017-18	4718515
50.	UGC (Start-up)	Dr. Arun Kumar	2017-18	1000000
51.	UGC (Start-up)	Dr. Achlesh Daverey	2017-18	1000000
52.	UGC (Start-up)	Dr. Asha Ram Gairola	2017-18	1000000
53.	UGC (Start-up)	Dr. Charu Dwivedi	2017-18	1000000
54.	UGC (Start-up)	Dr. Himani Sharma	2017-18	1000000
55.	UGC (Start-up)	Dr. Ujjwal Kumar	2017-18	1000000
56.	UUSDIP	Dr. Sudhanshu Joshi	2017-18	297000
57.	Inter University Accelerator Centre	Dr. Vikash Sharma	2017-18	103400

## Grants received for Project sanctioned for the year 2017-18

S.No.	Name of Project	Name of Project Director	Year	Sanctioned Amount	Installment Released
1	ICSSR	Prof. H.C. Purohit	2017-18	600000	240000
2	SERB	Dr. Vipin Kumar Saini	2017-18	3205700	1987420
3	SERB	Dr. Achlesh Daverey	2017-18	3868200	2290000
4	SERB	Dr. Sarita	2017-18	3404816	2069664
5	SERB	Dr. Himani Sharma	2016-17	4718515	3083745
6	UGC (Start-up)	Dr. Arun Kumar	2017-18	1000000	800000
7	UGC (Start-up)	Dr. Achlesh Daverey	2017-18	1000000	800000
8	UGC (Start-up)	Dr. Asha Ram Gairola	2017-18	1000000	800000
9	UGC (Start-up)	Dr. Charu Dwivedi	2017-18	1000000	800000
10	UGC (Start-up)	Dr. Himani Sharma	2017-18	1000000	800000
11	UGC (Start-up)	Dr. Ujjwal Kumar	2017-18	1000000	800000
12	UUSDIP	Dr. Sudhanshu Joshi	2017-18	297000	45000
13	Inter University Accelerator Centre	Dr. Vikash Sharma	2017-18	103400	103400
14	INFIBINET	Dr. Ashish Kumar	2017-18	75000	75000
15	NCM (IIT Bombay)	Dr. Sarita	2017-18	297000	297000

## Details of extra mural funds sanctioned for workshops / conferences during 2017-18

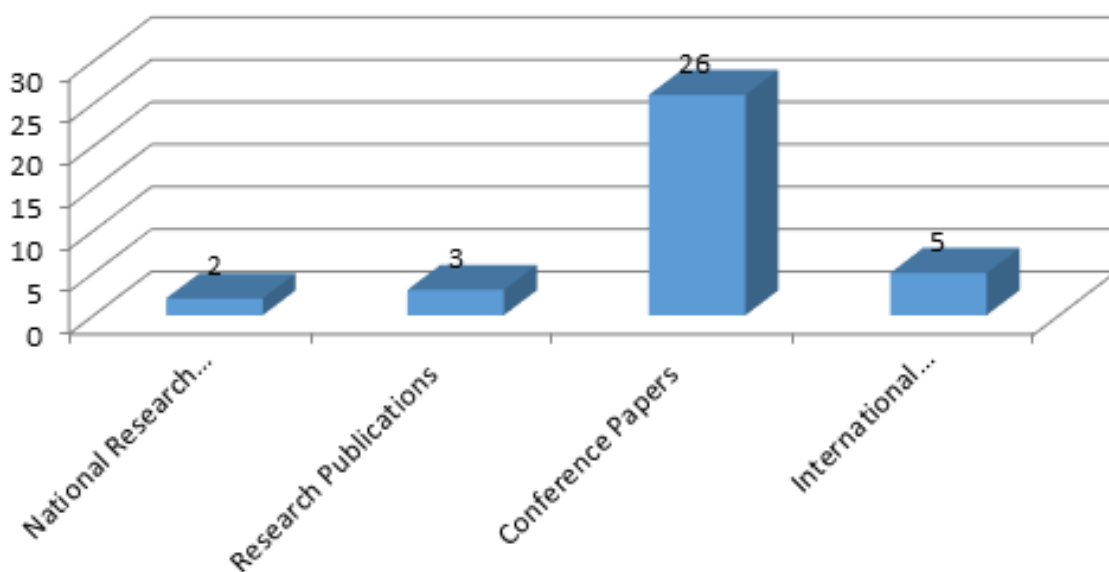
S.No.	Name of Project	Name of Project Director	Year	Sanctioned Amount	Installment Released
1	INFIBINET	Dr. Ashish Kumar	2017-18	75000	75000
2	NCM (IIT Bombay)	Dr. Sarita	2017-18	297000	297000
	Total Amount Rs.			372000.00	

### 4.13. Student's 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. In the 2017-18 session, a total of 75 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” and a few students have also bagged national research fellowships. The following graph below shows the Doon university students achievements during 2017-18.



## Students' Achievements (2017-18)



### 4.14 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 (in the pipeline).
6. Wild Life Insitute of India (In the pipeline)
7. GB Pant National Institute of Himalayan Environment & Sustainable Development (Pipeline)

## 5. Grants/fellowship/scholarship

### 5.1 Grants Received from State Government

S.No.	Financial Year	Head		Total Amount (Rs. In Lakh)
		Revenue (Salary & Administrative Expenses)	Capital (Infrastructures)	
1	2017-18			
	Total	900.00	00.00	900.00

### 5.2 Grants received from UGC

S.No.	Name of Grant	Purpose	Year	Sanctioned Amount	Period of Project	Installment Released
1	University Grants Commission	12th Plan GDA	2016-17	15284286.00		14428366.00
			2017-18			855920.00
		Total				15284286.00
2	University Grants Commission	Women Hostel	2016-17	9600000.00		7296000.00
			2017-18			2304000.00
		Total				9600000.00

### 5.3 Grants received from RUSA

S.No.	Name of Grant	Purpose	Year	Sanctioned Amount	Installment Released
1	RUSA	Special Facilities	2017-18	60000000.00	13622000.00

### 5.4 Fellowships and Scholarships

Doon University is committed to award scholarships/financial support to the poor and needy students. The University considers fee waive (fully or partially) for meritorious students belonging to weaker section of the Society up to a maximum of 10% of total students. The fellowships awarded by the University are as follows:

#### 5.4.1 Pandit Mahanand Dangwal (Kirti Nagar, Tehri Garhwal) Scholarship

The Pandit Mahanand Dangwal (PMD) scholarship has been instituted by the University out of endowment provided by Shri Brindan Dangwal, Dehradun for meritorious students of Doon University. The scholarship is based on Means cum Merit of the Students subjected to the performance appraisal on the yearly basis. Out of the total scholarship, 60% is being awarded to the girls students and 40% to the boys students. The scholarship is initially granted for one year only. The scholarship holder has to apply every year subjected to the terms that he/she fulfills the criteria for the award of the fellowship. The amount of scholarship has been fixed at Rs. 3,000/- per month. A total of Sixteen students were awarded this scholarship in the year 2017-18

S.N.	Name of the Student	Father's name	Programme/School
1.	Hari Prashad Gupta	Lt Radhe Shyam Gupta	M.Tech II year SENR
2.	Sadiya Jahan	Mr Shadat Ali	M.Sc. EVS, I year SENR
3.	Mansi Sharma	Mr Jai Prakash Sharma	M.Sc. Economics, II year
4.	Ujjwal Sharma	Mr Subhash Sharma	M.Sc. Economics, III year
5.	Anubhav Kukreti	Mr Yogendra Kukreti	B.Des II year, SoD
6.	Priya Tyagi	Lt. Rajeev Tyagi	Intg. M.A. Communication II year SoMCS
7	Bharat Singh Bisht	Mr Diwan Singh Bisht	Intg. M.A. Communication V year SoMCS
8	Uma Dhami	Mr Tej Singh	Intg. M.A. Communication III year SoMCS
9	Urwashi Mangain	Mr Vipin Chandra	Intg M.A. Japanese IV year
10	Somya Sundriyal	Lt S. K. Sundriyal	Intg M.A. French IV year
11	Somya Joshi	Mr Dinesh Chandra Joshi	Intg M.Sc. Computer Science I year SoPS
12	Aarti Semwal	Mr J. P. Semwal	Intg M.Sc. Chemistry, I year SoPS
13	Monika Bisht	Mr Girish Bisht	Intg M.Sc. Physics, I year SoPS
14	Ankit Dharmendra Negi	Lt Dharmendra Negi	Intg M.Sc. Mathematics, I year SoPS
15	Tanya Sharma	Mr Chandra Shekhar Sharma	Intg M.Sc. Mathematics, III year SoPS

### 5.2.1 Doon University Student Aid Fund (DUSAF)

DUSAF was constituted out of the student aid fee collected at the time of admission and funds/donations by the institutions, individuals, central/state Government, charitable trusts etc. The purpose of this fund is to provide financial assistance and support to the meritorious and poor students. The amount collected is kept by the University in a separate account and 70 percent of the funds accumulated is disbursed as financial assistance to students. Out of the total funds, 30% is kept in a separate fixed deposit account and the interest generated from the fixed deposit is used for financial assistance.

1. The DUSAF is based on poverty, satisfactory academic performance and display of good conduct and behavior
2. DUSAF is awarded at the entry point. Students attaining top positions in the merit of the Doon University entrance exams are considered for DUSAF. Besides, student of 3rd, 5th, and 9th semesters are also considered for DUSAF.
3. DUSAF is granted for one year only.

This year, ten students were awarded an amount equivalent to 50% of tuition fee as below.

This year, ten students were awarded an amount equivalent to 50% of tuition fee as below.

S.N	Name of the student	Father's name	Programme /School
1.	Monika Bisht	Mr Sumer Singh Bisht	M.Sc. EVS Ist Year, SENR
2.	Amrita	Mr Lal Singh Bisht	B-Des 3 <sup>rd</sup> Year, SOD
3.	Ravina Bhatt	Mr Harvinder Singh	IMBA Ist Year, SoM
4.	Shivam Saini	Mr Lalit Saini	Ingt. M. A. Communication, SoMCS
5.	Suchandan	Mr Nepal Natua	M.A. Spanish II year SoL
6.	Rishabh Vishwakarma	Mr H. Vishwakarma	M.A. Spanish, I year SoL
7.	Sujata Rawat	Gautam Singh Rawat	IMCA III year SoT
8.	Akash Nimrania	Mr Suresh Kumar	M.Sc. Intg. Physics II year SoPS
9.	Puneet Vashisth	Mr D. K. Vashisth	Intg. M.Sc. C.S. II year SoPS
10.	Sashi Bhushan	Mr Purushotam Prasad	Ingt. M.Sc. Economics I Year, SoSS

## 5.5 Projects sanctioned to Individual Faculty Members

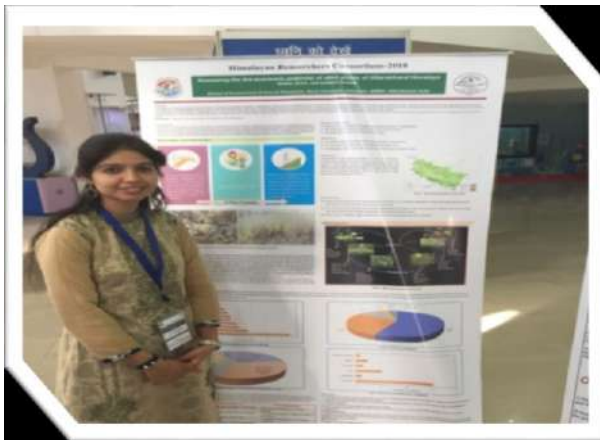
	S.No	Name of Project	Name of Project Director	Year	Sanction Amount (Rs.)	Installment Released
Project	1	ICSSR	Prof. H.C. Purohit	2017-18	600000	240000
	2	SERB	Dr. Vipin Kumar Saini	2017-18	3205700	1987420
	3	SERB	Dr. Achlesh Daverey	2017-18	3868200	2290000
	4	SERB	Dr. Sarita	2017-18	3404816	2069664
	5	SERB	Dr. Himani Sharma	2017-18	4718515	3083745
	6	UGC (Start-up)	Dr. Arun Kumar	2017-18	1000000	800000
	7	UGC (Start-up)	Dr. Achlesh Daverey	2017-18	1000000	800000
	8	UGC (Start-up)	Dr. Asha Ram Gairola	2017-18	1000000	800000
	9	UGC (Start-up)	Dr. Charu Dwivedi	2017-18	1000000	800000
	10	UGC (Start-up)	Dr. Himani Sharma	2017-18	1000000	800000
	11	UGC (Start-up)	Dr. Ujjwal Kumar	2017-18	1000000	800000
	12	UUSDIP	Dr. Sudhanshu Joshi	2017-18	297000	45000
Workshop	13	Inter University Accelerator Centre	Dr. Vikash Sharma	2017-18	103400	103400
	14	INFIBINET	Dr. Ashish Kumar	2017-18	75000	75000
	15	NCM (IIT Bombay)	Dr. Sarita	2017-18	297000	297000

## 5.6 Fellowships

S.No.	Name of Fellowship	Name of Project Director	Year	Sanction Amount(Rs.)	Installment Released
1	Inspire Faculty Award	Dr. Neeti Tripathi	2017-18	1691679	1691679
2	Inspire Faculty Award	Dr. Sushil Kumar	2017-18	1270837	1270837
3	Inspire Student Award	Ms. Garima Nautiyal	2017-18	379919	379919
4	Inspire Student Award	Ms. Anvita Pandey	2017-18	380000	380000
5	Inspire Student Award	Ms. Monika Rawat	2017-18	403200	403200
6	Inspire Student Award	Ms. Sangeeta Sundiyal	2017-18	422645	422645
7	Inspire Student Award	Ms. Swanti Sharma	2017-18	423200	423200
8	Department of Atomic Energy	Dr. Puspendra Semwal	2017-18	495600	495600
9	ICSSR-Post Doctorate	Ankita Bajpai	2017-18	192000	192000
10	ICSSR-Post Doctorate	Dr. Manu Sharma	2017-18	356000	178000

## 6. Academic Schools

### 6.1 School of Environment & Natural Resources (SENR)



**Vision:** The School of Environment and Natural Resources (SENR) 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. SENR 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 leaders, and in promoting science and education that contributes to a vibrant green economy and a sustainable environment. The School aims to be benchmarked with the best institutions in the country and the world.

**Mission:** The mission of the SENR is to build capacities in the field of Environmental Science through degree, diploma and research programs. The School is committed to undertake cutting edge scientific research in the emerging areas of Environmental Science and to undertake research on environmental issues with policy implications for the state and the country. The School is aiming to forge academic and research collaborations with well recognized institutions of national and international prominence and to create awareness and sensitize the stakeholders about environmental issues.

Prof. Kusum Arunachalam, Ph.D., NEHU, Shillong	Professor & Head
Dr. Surendra Singh Suthar, Ph.D., J.N.V. University	Associate Professor
Dr. Suneet Naithani, Ph.D., H.N.B. Garhwal University	Assistant Professor
Dr. Archana Sharma, Ph.D., H.N.B. Garhwal University	Assistant Professor
Dr. Vijay Shridhar, Ph.D., JNU, Delhi	Assistant Professor
Dr. Vipin Kumar Saini, Ph.D., IIT Roorkee	Assistant Professor
Dr. Achlesh Daverey M.Tech ICT , Ph.D.,IIT Guwahati	Assistant Professor
Dr. Ujjwal Kumar M.Phil, Ph.D JNU,Delhi	Assistant Professor
Prof. A.N. Purohit. Ph.D.. Former Vice Chancellor. H.N.B. Garhwal University	Adjunct Professor
Prof. Mukesh Khare, IIT Delhi	Adjunct Professor
Prof. M. C. Porwal, Former Scientist, IIRS, Dehradun	Adjunct Professor
Dr. A. Arunachalam, Principal Scientist, ICAR, New Delhi	Adjunct Professor

Number of students admitted in each programme during Academic Session 2017-18 (male & female)

Name of the Programme	Total Seats	Number of students admitted	No. of male students	No. of female students
M.Sc. Environmental Science	20	12	4	8
M. Sc. Environmental Science with specialization in Natural Resource Management	20	19	10	9
M. Tech. Environmental Technology	20	15	10	5
Ph.D. Environmental Science	-	-	-	-



#### Achievements

- Prof. Kusum Arunachalam elected as fellow of National Institute of Ecology (NIE), 2018
- Dr. Achlesh Daverey received early career research award from SERB-DST, New Delhi in form of research grant of 32 lakh for a research project entitled “Development of innovative clay based nonporous materials for separation of biomethane from biogas”.
- Dr. Vipin Saini received, Governor's Best Research Award, 2017 (Secured 2<sup>nd</sup> Position)

#### List of Research Publications in Journals: -

- Deshu S.R.M., Jha, A, K., Arumugam, S.K., Krishnamurthy Y.V.N, **Kumar U., and Kusum Arunachalam (2017)**. A spectro radiometric analysis of ocean colour sensor and proposal for a miniature hyperspectral image for future. Journal of the Indian society of Remote Sensing, Springer publication, <https://doi.org/10.1007/s12524-017-0726-2>.
- **Vipin Kumar Saini** V.K., Shankar A. (2018) How to Improve Selectivity of a Material for Adsorptive Separation Applications. In: Hussain C. (eds) Handbook of Environmental Materials Management. Springer, Cham. USA. [https://doi.org/10.1007/978-3-319-58538-3\\_43-1](https://doi.org/10.1007/978-3-319-58538-3_43-1)
- **Vipin K. Saini**, and Joao Pires, Development of metal organic framework-199 immobilized zeolite foam for adsorption of common indoor VOCs, Journal of Environmental Science, 55, 331-330 (2017).
- Bhavtosh Sharma, Prashant Singh, Rajendra Dobhal, **V.K. Saini**, Manju Sundriyal, Shashank Sharma, S.K. Khanna. Occurrence, Detection and Defluoridation of Fresh Waters. American Journal of Water Resources. 5(1), 5-12 (2017).
- Aparajita Shankar, Manasa Kongot, **Vipin K. Saini**, Amit Kumar, Removal of Pentachlorophenol pesticide from aqueous solutions using modified chitosan. Arabian Journal of Chemistry. (2018) In press <https://doi.org/10.1016/j.arabjc.2018.01.016>
- VSingh, Pandey, B., **Suthar, S., 2018**. Phytotoxicity of amoxicillin to the duckweed *Spirodela polyrhiza*: Growth, oxidative stress, biochemical traits and antibiotic degradation. *Chemosphere*
- Rgusain., Bhawna Pandey, **Suthar, S., 2018**. Composting as a sustainable option for managing biomass of aquatic weed *Pistia*: A biological hazard to aquatic system. *Journal of Cleaner production* 164, 557-564.
- **S Suthar**, Verma, R., 2018. Production of *Chlorella vulgaris* under varying nutrient and abiotic conditions: A potential microalga for bioenergy feedstock. *Process Safety & Environmental Protection* 109, 233-241.
- R Verma., **Suthar, R., 2018**. Performance assessment of horizontal and vertical surface flow constructed wetland system in wastewater treatment using multivariate principal component analysis. *Ecological Engineering* 116, 121-126
- Ahada, C.P.S., **Suthar, S., 2018**. Assessing groundwater hydrochemistry of Malwa Punjab, India. *Arab. J. Geo Sci.* 11, 1-15
- Ahada, C.P.S., **Suthar, S., 2018**. Assessment of human health risk associated with high groundwater fluoride intake in southern districts of Punjab, India, *Exposure & Health* <https://doi.org/10.1007/s12403-017-0268-4>
- Ahada, C.P.S., **Suthar, S., 2018**. A GIS based DRASTIC model for assessing aquifer vulnerability in Southern Punjab, India. *Modeling Earth Systems and Environment* 4(2), 635-645.
- Gaur, R. Z., **Suthar, S., 2017**. Anaerobic digestion of activated sludge, anaerobic



granular sludge and cow dung with food waste for enhanced methane production. *Journal of Cleaner production* 164, 557-564.

- Gaur, R. Z., A. A. Khan, **Suthar, S.** 2017. Effect of thermal pre-treatment on co-digestion of duckweed (*Lemna gibba*) and waste activated sludge on biogas production. *Chemosphere* 174, 754-763.
  - R Gusain., **Suthar, S.**, 2017. Biofuel production efficiency of biomass of some aquatic weeds (*Lemna gibba*, *Lemna minor*, *Pistia stratiotes* and *Eichhornia* sp.). *Process Safety & Environmental Protection* 109, 233-241.
  - Gaur, R. Z., **Suthar, S.** 2017. Nutrient scaling of duckweed (*Spirodela polyrhiza*) biomass in urban wastewater and its utility in anaerobic co-digestion. *Process Safety & Environmental Protection* 107, 138-146.
- Suthar, S.**, Pandey, B., Gusain, R., Gaur, R.Z., Kapil Kumar 2017. Nutrient changes and biodynamics of earthworm biological parameters during vermicomposting of water lettuce (*Pistia* sp.) biomass: A prominent weed of aquatic system. *Environmental Science & Pollution Research* 24(1), 199-207.
- Samudraiah, DRM, Jha, A. K., Senthil, Kumar A, **Kumar, Ujjwal**, Krishna Murthy, Y., & Arunachalam, K. (2017). A spectro-radiometric analysis of Ocean Colour Sensors and Proposal for a Miniature Hyper spectral Imager for future. *Journal of the Indian Society of Remote Sensing*, Accepted. <https://doi.org/10.1007/s12524-017-0726-2>
  - Souza, A. De, Aristone, F., Kova, E., **Kumar, U.** (2017). Evaluation of variations in ground-level ozone (O<sub>3</sub>) concentrations, *Ozone : Science & Engineering*, DOI : <https://doi.org/10.1080/01919512.2017.1398633>
  - Dixit, G., Kadam, A., **Kumar, U.**, **Arunachalam,**

**K.** (2017). Modeling of growth under different conditions for isolated *Euglena* sp. using artificial neural network, *Journal of Applied Phycology*, DOI: <https://doi.org/10.1007/s10811-017-1331-z>

- Souza, A. De, Aristone, F., **Kumar, U.**, & Kova, E. (2017). Analysis of the Correlations between NO, NO<sub>2</sub> and O<sub>3</sub> concentrations in campo grande – ms, brazil. *European Chemical Bulletin*, 6(7), 284–291.
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- Naithani, Prachee Bedi and Gopala Areendran acceptance 30th May, 2018
- Hydroclimatic significance of stable isotopes in precipitation from glaciers of Garhwal Himalaya, Upper Ganga Basin (UGB), India Akshaya Verma<sup>1</sup> | Amit Kumar<sup>1</sup> | Anil K. Gupta<sup>2</sup> | Sameer K. Tiwari<sup>3</sup> | Rakesh Bhambri<sup>1</sup> | Suneet Naithani<sup>4</sup> Received: 8 June 2017 Accepted: 13 April 2018
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#### New Project Sanctioned

- **Dr. Achlesh Daverey**, Assistant Professor, *School of Environment and Natural Resources* has received the first year grant of Rs. 22.9 Lakhs to start a three-year project (2018-2021) on Phytoremediation of Heavy Metal Contaminated Soil. The project is funded by SERB, India and the fund sanctioned for the project is 38.68 Lakhs.

#### • **Project: Unnat Bharat Abhiyan (UBA)**

- Unnat Bharat Abhiyan (UBA) is a country-wide program launched by Ministry of Human Resource Development (MHRD), Govt of India and co-ordinated by IIT, Delhi. UBA is inspired by the vision of transformational change in rural development processes by knowledge institutions to help build the architecture of an inclusive India. Doon University is also one of participating institutions (PI) of UBA from the year 2018. The grant received is Rs. 1.75 lakh for the first phase of the project to carry out surveys in the villages.

Doon University UBA convener and members are Dr. Ujjwal Kumar & Dr. Achlesh Daverey.

Books Authored/Edited/Book Chapter

Ongoing Projects (School Level)

**National Mission on Himalayan Studies (NMHS) Funded by MOEFCC:** [The National Mission On Himalayan Studies \(NMHS\) Program](#) The Ministry of Environment, Forest and Climate Change (MoEF&CC) is implementing the National Mission on Himalayan Studies (NMHS) through different research institutions/organizations. Doon University has been awarded 10 JRF and 3 RA Positions for a period of 3 years (2016-2019) to work on the following areas of research as detailed below in the table. The project is being coordinated and implemented by SENR – School of Environment & Natural Resources. The total cost of the project is approx. Rs. 2.39 crore. The project will help in generating data on natural resources, eco-tourism, forest fires, livelihood, renewable energy and developmental issues in eco-sensitive zones in the Uttarakhand Himalyan region. In addition to this, a minor project about on Ecosystem Services in agroforestry system worth Rs. 20 lakhs has also been sanctioned to Doon University under NMHS.

Research Associate-I (03 positions):

Position	Study Area	Proposed Objectives	Deliverables
HRA001	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>Energy efficiency study in 13 districts of state</li> <li>Extent of application of new policies and best practices</li> </ul>	<ul style="list-style-type: none"> <li>Support Non-conventional energy sector;</li> <li>Promote intervention of state-of-the-art technology;</li> <li>Existing institutions and regulatory mechanisms strengthened.</li> </ul>
HRA002	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>Survey, Inventory and Assessment of traditional natural resources management practices in the context of Climate change</li> <li>Development of adaptation strategies</li> </ul>	<ul style="list-style-type: none"> <li>Participatory conservation framework developed;</li> <li>Sustainable harvesting protocols for diverse natural resources developed;</li> <li>Local natural resource management institutions strengthened;</li> <li>Good practices documented and up-scaled.</li> </ul>
HRA003	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>Study of outmigration pattern in the State</li> <li>Study the factors responsible and solutions</li> </ul>	<ul style="list-style-type: none"> <li>Recommendations of policy changes for reducing outmigration</li> <li>Alternate livelihood options</li> </ul>

## Junior Research/ Project Fellow (JRF/ JPF: 10 positions):

Position	Study Area	Proposed Objectives	Deliverables
H-JRF001	Corbet and Rajaji NP Uttarakhand	<ul style="list-style-type: none"> <li>• Issues for sustainable tourism including eco-tourism</li> <li>• Changing patterns of tourism</li> </ul>	<ul style="list-style-type: none"> <li>• Ecologically compatible and equitable tourism promoted/implemented leading to stoppage of unregulated tourism.</li> </ul>
H-JRF002	Haridwar district Uttarakhand	<ul style="list-style-type: none"> <li>• Waste management, including management of hazardous substances:</li> <li>• Innovative approaches developed (No) and implemented/Quantity of waste treated/ managed</li> </ul>	<ul style="list-style-type: none"> <li>• Existing institutions and regulatory mechanisms strengthened;</li> <li>• Up-scaling of best practices supported.</li> </ul>
H-JRF003	Uttarkashi District Uttarakhand	<ul style="list-style-type: none"> <li>• Issues concerning development in sensitive areas</li> </ul>	<ul style="list-style-type: none"> <li>• Scientific evidences and databases developed/ augmented/ disseminated.</li> </ul>
H-JRF004	All districts of Uttarakhand	<ul style="list-style-type: none"> <li>• Testing options for human capacity building including promotion of micro-enterprises and green technologies</li> </ul>	<ul style="list-style-type: none"> <li>• Identify key sectors and capacity building needs of those having immediate bearing on conservation and livelihoods.</li> <li>• Natural resource based and community oriented microenterprises developed/ promoted.</li> </ul>
H-JRF005	Askot wildlife Sanctuary	<ul style="list-style-type: none"> <li>• Conservation of genetic resources of rare, endemic, threatened and globally significant flora and fauna including agro-biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>• Conservation of endemic/threatened/significant species augmented through <i>ex situ in situ</i> mechanisms</li> </ul>
H-JRF006	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>• Use of alien plants extracts for bio-preservation of wood</li> </ul>	<ul style="list-style-type: none"> <li>• Database of alien plants species</li> <li>• Development of bio-preservatives</li> </ul>
H-JRF007	Pithoragarh Uttarakhand	<ul style="list-style-type: none"> <li>• Appraisal to plant diversity and restoration of degraded lands in Pithoragarh district</li> </ul>	<ul style="list-style-type: none"> <li>• A database of plant resources will be available.</li> <li>• A database of indigenous technologies of plant use</li> </ul>
H-JRF008	Vikasnagar and Dehradun	<ul style="list-style-type: none"> <li>• Supplementary livelihood options for local communities and other rural population,</li> <li>• Study the market linkages</li> </ul>	<ul style="list-style-type: none"> <li>• Recommendations on livelihood options</li> <li>• Development of market linkage options</li> </ul>

H-JRF009	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>Effect of forest fires on nutrient dynamics in the soil.</li> </ul>	<ul style="list-style-type: none"> <li>Database on impact of forest fire</li> <li>Policy recommendations</li> </ul>
H-JRF010	Uttarakhand Himalaya	<ul style="list-style-type: none"> <li>Effect of forest fires on soil microbial biomass and diversity.</li> </ul>	<ul style="list-style-type: none"> <li>Database on impact of forest fire</li> <li>Policy recommendations</li> </ul>

### Ongoing Research Projects (Individual level)

Sl No.	Name of the Investigator	Title of the project	Year	Amount sanctioned (Rs.)	Funding Agency
1.	Dr. Kusum Arunachalam & Dr. Vijay Shridhar	Documentation of Traditional Knowledge in Central Himalayas for Sustainable Development	2015-2020	49.33 Lakhs	DST
2.	Dr. Vipin Saini	Improvement in indoor air quality (IAQ) using natural clay based nanoporous materials	2015-2018	15 Lakhs	UGC
3.	Ujjawal Kumar	Data assimilation of satellite Observations into the regional chemical transport model (CTM) for air quality reanalyses and forecasts over India	2017-2020	Rs.54.63 lakh	Science and Engineering Research Board (SERB), DST, Govt of India

4.	Ujjwal Kumar	The Chemical Transport Models (CTMs) simulation of O <sub>3</sub> , NO <sub>2</sub> and aerosols at regional scale over Indian subcontinent and its comparison with the surface and satellite derived data (OMI and MODIS)	(2017-2019)	Rs.10.0 lakh	University Grant Commission (UGC)
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## Workshop/Training attended by faculty

- Prof. Kusum Arunachalam participated in stakeholder engagement on urbanization in South Asia generated through the Ecosystem Services for Poverty Alleviation (ESPA) programme, funded by the UK Natural Environment Research Council (NERC), Department for International Development (DFID), and Economic and Social Research Council (ESRC) during 5-6th March, 2018 at JNU, New Delhi.
- Dr Vijay Shridhar has attended DST sponsored one week training programme conducted by Indian Institute of Forest Management (IIFM) Bhopal on “Behavioral adaptation with climate change in Himalayan Regions” from 24<sup>th</sup> to 28th April, 2018 at ARIES, Nainital (UK),.
- Dr. Ujjwal Kumar and Dr. Achlesh Daverey attended the Project Approval Board meeting of RUSA (Rashtriya Uchchatar Shiksha Abhiyan) held on Friday, the 25th May, 2018 at India International Centre, New Delhi.
- Dr. Ujjwal Kumar and Dr. Achlesh Daverey from *School of Environment and Natural Resources* attended a one-day orientation workshop for Participating Institutes (PIs) on Unnat Bharat Abhiyan. The orientation workshop was held on 25<sup>th</sup> April 2018 at All India Council for Technical Education (AICTE) Auditorium, New Delhi.
- Dr. Achlesh Daverey and Dr. Vipin Saini from *School of Environment and Natural Resources* had participated in a consultative meeting on Dehradun Research and Academic Consortium (DRAC). The consultative meeting was held at the Wildlife Institute of India, Dehradun on Saturday the 28<sup>th</sup> April, 2018 to discuss the formation of Dehradun Research and Academic Consortium (DRAC).

Dr. Suneet Naithani attended a seminar (training programme) on *Higher Education Management for Developing Countries* held from 30<sup>th</sup> August-19<sup>th</sup> September 2017 in **Jinhua, Zhejiang Province** (Zhejiang Normal University), **People's Republic of China**.

## Papers presented in conferences/seminar

- Dr. Achlesh Daverey, Assistant Professor, School of Environment and Natural Resources has presented two research paper (one oral and one poster) in an international conference (Challenges in Environmental Science and Engineering- CESE-2017) held in Kunming, China during 11- 15 November 2017. Apart from this, he also chaired a session in the conference. He has been awarded “International Travel Support” from Science & Engineering Research Board (SERB), India to attend this international conference.
- **Dr. Achlesh Daverey**, Assistant Professor, School of Environment and Natural Resources has presented a research paper entitled “*Characterization of Household Solid Waste and Current Status of Municipal Waste Management in Rishikesh, Uttarakhand*” in a **National Conference** on *Waste to Energy, Carbon Capture and Storage (NCWECCS– 2017)* organized by **NIT Rourkela** at NIT Rourkela on 3-5 August 2017.
- Naithani, S., (2017). Inevitable Disaster Risk Reduction Lessons from Uttarakhand. International Seminar on the

theme, Himalayan Challenge: Towards Interdisciplinary Dialogue for Sustainability and Development organized by Shree Dev Suman University, Badshahithol Tehri (Garhwal) in collaboration with Doon University, Dehradun.

- Dr. Archana Sharma presented a research paper on Challenges and Opportunities for Preserving Ecological Services of Rivers in Himalaya. International Seminar on the theme, Himalayan Challenge: Towards Interdisciplinary Dialogue for Sustainability and Development organized by Shree Dev Suman University, Badshahithol Tehri (Garhwal) in collaboration with Doon University, Dehradun.

## Workshop/Training Organized by SENR

- **Earth Day Report** Organized by: The School of Environment and Natural Resources On 21st April 2018 School of Environment and Natural Resources organized an event celebration Earth Day at Doon University. The program commenced at 2pm in the afternoon, with an exhibition of students' entries in Poster making, Photography, and Slogan writing contest, organized as a part of the event. Students from all schools and departments participated in the event and their entries were exhibited outside the event venue. This was followed by an introduction to Earth day by Prof. Kusum Arunachalam, Head SENR. Prof. Arunachalam gave a detailed about the history of earth day and she said "The first Earth Day celebrations took place in two thousand colleges and universities, roughly ten thousand primary and secondary schools, and hundreds of communities across the United States. More importantly, it "brought 20 million Americans out into the spring sunshine for peaceful demonstrations in favor of environmental reform in 1970s." As a part of the program, two guest speakers were invited to interact with the students. The first, Mr. Sudarshan Singh Bisht is the state coordinator for Earth Day Network, whose mission is to diversify, educate and activate the environmental movements worldwide. Growing out of the first Earth Day, Earth Day Network is the world's largest recruiter to the environmental movement, working with more than 50,000 partners in nearly 195 countries to build environmental democracy. Doon University and their students also became partner in their movement on earth day to stop plastic pollution. Mr. Bisht motivated students to become a super hero to save earth from pollution. The second speaker was Shantanu Menon a researcher working on environment and sustainable development in South Africa. Mr. Menon discussed the health impacts of plastics on human and animals his study was based on scientific research, he shared the stories of people and animals who have suffered majorly due to plastic impact and how earth will change if use of plastic does not stop.

Two short films were screened for the students: 'Earth Day 1970-2018' a short film by the American Museum of Natural History showing the history and relevance of Earth Day and 'Inside the Lab That Could Solve the World's Plastics Problem' an informative documentary about the development of recyclable plastics at the materials lab in University of Minnesota and a recycling plant in California, USA. A short quiz was also organized where students were questioned about their basic environmental knowledge. The event was concluded with the Vice Chancellor's speech and a prize distribution ceremony for the winners of poster making, slogan writing and photography competitions. Dr. C.S. Nautiyal Vice- chancellor Doon University laid stress on environmental awareness and how student's movement can make changes in today's environment. He also said that key to end environmental disturbance lies in the hands of people if they take initiative they can bring change to this world.

## Student Achievements:

- Ms. Neha Negi has been selected as fellow by International Environmental Agency, Earth core at USA.
- Young Scientist Award (2018) – Bhawna Pandey was awarded young scientist award by Uttarakhand State Council for Science & Technology (UCOST) during 12th Uttarakhand State Science & Technology Congress 2017-2018 (in Environmental Science & Forestry Category). For her poster entitled "Utility of Biochar for immobilization of toxicants in soil".
- Amitosh Sharma, Akshay Patange Arjun Saklani, Sourabh. K. Saini and Lamgouhao, Msc, Environmental Science have emerged as winners in Photography and Slogan Competitions (first prize in both held at the spot



during a workshop; “Conservation of Biological Diversity” in Graphic Era Hill University

## International Fellowship Availed

- Prashant Pandey was awarded Stipendium Hungaricum Scholarship Programme (2017-18) at University the Szent University, Hungary
- Aprajita Shankar was awarded Stipendium Hungaricum Scholarship Programme (2017-18) at University of Miskolc Hungary.

## International Fellowship Availed

- Anvita Pandey, participated in Bare foot March for Saving Naini Lake on June 3, 2017 organised by Citizens of Nainital and CEDAR, Nainital.
- Anvita Pandey, participated in two-day regional conference organised by ICLEI, New Delhi on "Peri-Urban Ecosystems for Enhancing Urban Resilience" on the 18th and 19th of September, 2017.
- Anvita Pandey, participated in one-day workshop organised by UNDP at Raj Bhawan on 27<sup>th</sup> November, 2017 on “Rejuvenating Naini Lake”.
- Bhopen S – Presented a paper entitled “**Identification of potential anti-inflammatory compounds in the extracts of *Spilanthes acmella***” at the “Cell Biology and Signalling” Conference in Matrahaza, Hungary (May 26-28, 2017)
- Gunjan Sharma Attended **National Conference** on “Recent Advances in Science, Technology & Management NCR ASTM 2017. [April 29-30].
- Vinet Singh Presented Poster on “Seasonal variations of pharmaceuticals and personal care products (PPCPs) in influent, effluent and sludge samples from the STPs of three major cities of Uttarakhand” in **12<sup>th</sup> Uttarakhand State Science & Technology Congress**, UCOST, Uttarakhand, 7-9<sup>th</sup> March 2018.
- Sandeep Madhwal, presented a Paper entitled “Bioaerosol distribution study in different occupational sites in State Science & Technology Congress, UCOST Uttarakhand 7-9<sup>th</sup> March 2018
- Ms. Swanti Sharma attended a one-day interactive workshop on “Bio-resources assessment and value chain analysis of ABS potential species/products in selected districts of Uttarakhand on 14<sup>th</sup> November 2017 at Hotel the Pearl Grand, organized by GIZ.

## Research achievement of students:

- 19 students from SENR presented research papers/posters in International Seminar on the theme, Himalayan Challenge: Towards Interdisciplinary Dialogue for Sustainability and Development organized by Shree Dev Suman University, Badshahithol Tehri (Garhwal) in collaboration with Doon University, Dehradun. List of all participants with their research topic are given below:

S.No.	Author	Research topic
1	Chandrakant Dhyani	A Study of Rooftop Rainwater Harvesting Potential of Dehradun city: An Urban approach to conserve the Water
2	Neha Negi, Khima N. Balodi	Potential of Nature Based Tourism in The Asi Ganga Sub-Basin, Uttarkashi, Western Himalaya



3	Shobha Bhatt, Khima Nand, Tripti Mishra	Energy Potential of Traditional Water Mills ( <i>Gharats</i> ) in the Himalayan Region
4	Garima Kishore, Abhijeet D. Kadam	Microalgae in Climate Change and Himalayan Sustainability
5	Renu Kumari, Khima N. Balodi,	Irresponsible Tourism and Ecological Consequences: A Case Study of Bhagirathi
6	Sunny Joshi, Khima N. Balodi	Crop Depredation and Human Wildlife Conflict Issues in The Himalaya: Are Wild Predators Safe in the Naturally Protected Areas?
7	S. Bhopen, Laszlo Virag, Katalin Kov, Kamal S. Negi, Sandip Butola, Suraj Rawat	<i>Spilanthes acmella</i> : A Potential Anti-Cancer and Anti-Inflammatory Medicinal Plant of Uttarakhand
8	Vignesh Prabhu	The Trace Elements Associated With Different Sized Particulate Matter and Related Cancer Risk: A Case Study of Dehradun Valley, India
9	Sangeeta Sundriyal	Status and Challenges of Municipal Solid Waste Management in Mussoorie, A Mountain Tourist Destination in Uttarakhand, India
10	Deepika Dimri	Seasonal Variation in Major Ion Chemistry of Ganga Water in Upper Ganga Basin, Uttarakhand
11	Gunjan Sharma	Physico-Chemical Studies on Surface Water Quality in Selected Water Bodies of Dehradun and Haridwar, Uttarakhand, India
12	Khima N. Balodi	Natural Disaster, Community Adaptation and Ecological Consequences: A Case Study of Asi Ganga Sub-Basin, Uttarkashi, Western Himalaya
13	D. K. Mishra, Yudhishtir Dutt	Existing Agroforestry System in Chamba Block of Tehri Garhwal, Uttarakhand
14	Shikha Arora, Savita Aswal Kunwar	Assessing the Potential of Alien Plants of Uttarakhand Himalayas
15	Monika V. Purohit, Neha Negi, Renu Kumari, Shobha Bhatt Khima Nand	LOSAR: The New Year Celebration amongst the Jaad Bhotiya of Uttarkashi, Uttarakhand
16	Ina Bahuguna	A Study of a Human Capacity Building in Natural Resource Based Microenterprises in Three Hill Districts of Uttarakhand
17	Niyati Naudiyal	Out-Migration Pattern in Uttarakhand: An Analysis of Decadal Population Change
18	Vivek Kushwah	Assessment of Forest Resources Based Livelihood of Jaunsaris Tribe in Dehradun District
19	Singh, K., A	Geospatial Modeling Approach in Assessing Sediment and Nutrient Loss.

## Field trip organized during Academic Sessions

### Msc (Env Sc) Field trip on “World Wetlands Day (2<sup>nd</sup> Feb 2018)” to Asan Barrage and Paonta Sahib

Dr. Archana Sharma and Ujjwal Kumar took one-day study tour for M. Sc Students of SENR to Paonta Sahib, Himachal Pradesh and Asan Wetland, Uttarakhand on 3<sup>rd</sup> Feb 2018 on the occasion of World Wetland Day 2018.

As adopted by Standing Committee of the Ramsar Convention on Wetlands, World Wetlands Day is celebrated every year on 2 February. As part of the course “Aquatic Environment” and the “Water Resources and their Management”, to mark the celebration of World Wetlands Day and to provide practical insight into the importance of wetlands, MSc students were taken to a field trip to Asan Barrage and Paonta Sahib on 3<sup>rd</sup> Feb, 2018. The students walked alongside the wetlands, covering the practical details of natural and artificial wetlands. The wetland at Asan barrage is situated near the confluence of two perennial rivers Asan and Yamuna about 48 km from main Dehradun. The lake attracts a large number of waterfowl, both waders and divers. The birds listed as globally threatened species and in the IUCN Red Data Book have also been observed at Asan. During the field trip, many birds were sighted and identified by the students at the lake. However, the interaction with researcher from FRI who was also on visit to Asan Barrage revealed that there have been drastic decline in the number of migratory birds coming to Asan Barrage in recent years.

## Ph. D Awarded

- **Ms. Rashmi Verma** has been awarded Ph. D. in Environmental Science and she completed her thesis on topic “*Integrated Wastewater Treatment-Energy Biomass Production Using Biological System*” completed under the supervision of Dr. S. S. Suthar.
- **Ms. Rubia Zahid Gaur** has been awarded Ph. D. in Environmental Science and she completed her thesis on topic “*Improving Biogas Production in Urban Wastes Co-Digestion Process*” under the supervision of Dr. S. S. Suthar.

## Internship of Students during academic session

### M.Sc Student internship:

- Doon University
- WIF, Dehradun
- IIRS, Dehradun
- WII, Dehradun
- USAC, Dehradun
- Sanvedi NGO

## UGC-NET

- Deepak Mishra
- Ashish Sharma

## 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

### Faculty Members

Name	Designation
Dr. Rajesh Kumar, Ph.D, M.J, M.A.	Professor & Head
Dr. Harsh Pati Dobhal, Ph.D	Visiting Professor
Ms. Rashi Mishra, M.Sc. (Mass Comm in Sci & Tech), NET	Assistant Professor
Shri Nitin Kumar, M.J., NET/JRF	Assistant Professor
Ms. 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
Shri Mukesh Devrari, M.A. (Communication), NET/JRF	Assistant Professor (On Contract)
Ms. Piyashi Himani, M.A. (Communication)	Guest Faculty

## Number of students admitted in each programme (Academic Session 2017-18)

Name of the Programme	Total Seats	Number of students admitted	No. of male students	No. of female students
M.A.in Media and Communication Studies Integrated (5-Years)	50	50	32	18
M.A. in Media and Communication Studies (2 Years)	40	36	18	18

## Publications in books/journals etc by faculty members:

- Dr. Rajesh Kumar, Associate Professor, got a chapter published in a book *New Media New Frontiers of Communication* published by Eureka Journals, Pune, Maharashtra.
- Ms. Garima Singh, Ph.D. research scholar and Dr. Rajesh Kumar, Associate Professor, jointly published a paper in an international pweer reviewed journal, *Language and Communciation Quarterly*.
- Ms. Garima Singh, Ph.D. research scholar and Dr. Rajesh Kumar, Associate Professor published a research paper entitled – “Role of Semoitic and Psychoanalytic in the Field of Communication: A Critical Analysis”, in *Pragyaan: Journal of Mass Communication*, ISSN 0974-5521, IMS Unison University, Dehradun.
- Dobhal H., & Devrari, M. C. published a research paper entitled – “Fake News: Fabricated Communication & Contesting Perspectives” in *Mass Media*, 6(72), 21-26.
- Dobhal H., & Devrari, M. C. published a research paper entitled – “Diversifying Voices, Stengthening Community through Radio” in *Mass Media*, 11-20.

## Papers presented in conference/seminar:

- Dr. Rajesh Kumar, Associate Professor presented his research paper entitled - “*Cyberbullying among the young ones in a digital India: A Scenario analysis*” at a National seminar held at JSH (PG) College Amroha, Uttar Pradesh.
- Dr. Harsh Dobhal, Visiting Professor, was a Keynote Speaker for National Seminar on “Quality Concerns of Indian Higher Education: Emerging Challenges and Opportunities,” February 22-23, 2018, at Agra College, Agra University, Agra.
- Dr. Harsh Dobhal, Visiting Professor participated in “Old Order and Globalisation: Recalling the legend of Shaheed Bhagat Singh” on his day of martyrdom at WIC India Dehradun, March 23, 2018.

- Shri Nitin Kumar, Assistant Professor presented a research paper entitled - “ई-समाचार पत्र बनाम मुद्रित समाचार पत्र: वर्तमान एवं भविष्य” at a National seminar held at JSH (PG) College Amroha, Uttar Pradesh.
- Ms Aabshar Abbasi, Assistant Professor attended a one-week Multi- Disciplinary Workshop on Advanced Analytical Tools for research organized by School of Management, Doon University from 16<sup>th</sup> – 22<sup>nd</sup> September, 2017.
- Ms Aabshar Abbasi, Assistant Professor attended an Orientation Course, OP-36 from 27/11/2017 to 23/12/2017 at UGC- HRDC, Nainital, and Uttarakhand.
- Ms Aabshar Abbasi, Assistant Professor participated in a National Seminar, Titled- 'Reinventing Government for the 21<sup>st</sup> Century State Capacity in Globalizing Society' on 20<sup>th</sup> December 2017, at UGC- HRDC, Nainital, Uttarakhand.
- Shri Mukesh Chandra Devrari, Assistant Professor (on contract) presented a paper titled paradigms of Decolonization in national seminar on “Freedom from Decolonization” held at Doon University.
- Shri Mukesh Chandra Devrari, Assistant Professor (on contract) presented a paper titled “Reason of Political Opposition to GST in india” in a national seminar held on GST at Doon University.
- Shri Mukesh Chandra Devrari, Assistant Professor (on contract) Presented a paper titled 'Flood caused Disasters in the Himalaya: An Overview' in international seminar 'Himalayan challenge towards interdisciplinary dialogue for sustainability and development' held in Doon University on 29 November – 1<sup>st</sup> December, 2017.
- Shri Mukesh Chandra Devrari, Assistant Professor (on contract) Presented a paper titled 'Women's perspective on migration from hills' in international seminar 'Himalayan challenge towards interdisciplinary dialogue for sustainability and development' held in Doon University on 29 November – 1<sup>st</sup> December, 2017.

### Completed major research projects:

- Dr Rajesh Kumar, Associate Professor, A Major Research Project sponsored by UGC on the subject - *“Positioning Community Radio as a communication tool for development: A study of the role and relevance of community radio for participatory community development in Uttarakhand”*.

### Seminar/workshop/lecture series – Communicate n Conquer:

The School launched a lecture/seminar/workshop series named – “*Communicate n Conquer*”. The idea behind this initiative is to invite experts/scholars from media & communication education/industry/profession from time to time including those who are working for development of society so that students could derive benefit from their rich experiences and expertise in their respective domain.

- Under this lecture/workshop series, Shri B. B. Bhatt, Director, AIR, Dehradun and Shri Vijay Kumar, Director, Vishva Samvad Kendra, Dehradun were invited for sharing their knowledge and experiences with the students & faculty members on 23<sup>rd</sup> Feb, 2018.



- Shri Vipin Kumar, A Freelancer, Dehradun, trained the students on Corel Draw on 8<sup>th</sup> March 2018.



## Other Activities:

- Centre for Youth (C4Y), a Delhi based organization working for Social causes, particularly for the youth visited School of Media & Communication Studies, (SoMCS) on 17th March, 2018 (Saturday) and organized a Social Film Making Challenge, Filmathon. Students were given commendation certificates for their social filmmaking in limited time of 3 hours.





### Students' Achievements:

- Ms. Preeti Bharti, former student of M.A. in Media & Communication Studies, Doon University, Dehradun was awarded Ph.D. fellowship by South Korea.
- Shri Nitesh Bhardwaj, former student of M.A. in Media & Communication Studies, Doon University, Dehradun was awarded SBI Youth for India Fellowship. He also received young achievers award.
- Shri Nishant Vashisht, former student Integrated M.A. in Media & Communication Studies, Doon University, Dehradun was awarded SBI Youth for India Fellowship.

### Internship of students during academic session:

- Power Grid Corporation of India Limited, Gurgaon.
- THDC India limited, Rishikesh, Uttarakhand.
- Zee News, Noida
- Oil and Natural Gas Corporation Limited, Dehradun.
- GLAM & GLAZE, New Delhi.
- The Pioneer, Dehradun.
- Garhwal Post, Dehradun.
- News Nation, Noida.
- Radio Khushi, Mussorie, Uttarakhand.
- Goldtouch Natural Products, Dehradun.
- Research, Advocacy and Communication in Himalayan Areas (RACHNA) Society

- Prasar Bharti, Lucknow
- Dainik Jagran, Dehradun
- Uttarakhand Power Corporation Ltd. Dehradun
- Rashtriya Sahara, Dehradun
- The Tribune Trust
- Weber Shandwick India Pvt. Ltd
- Shri Gurudev Motion Picture film production, Dehradun
- Doordarshan, Dehradun
- Wizcraft International Entertainment Pvt. Ltd. Gurgaon

### Students' Placements:

- Elizabeth Mahima Jacob, As a Pear Review Associate, Sage Publication, Dehradun.
- Ajay Bora, As a Media Creative, Techventure Pvt. Ltd, Gurgaon.
- Saina Mamgain, As a Content Writer, Winterline Production House, Dehradun.
- Veshali Negi, As a Video Editor, Elaven PR Advertising, Dehradun.
- Ritika Puri, As a Content Writere, Conceptree PR Advertising, Dehradun.
- Jasmine James, As a New Anchor, Asia TV, Mumbai.
- Gayatri Akanksha, As a Producer Writer, Asia TV, Mumbai.
- Mayank Dhyani, As a Content Editor, ETV, Hyderabad.
- Disha Bhatt, Aa a Content Editor, ETV, Hyderabad.
- Neha Kathait, As a Content Editor, ETV, Hyderabad.
- Priya Sharma, As a Trainee Content Editor, ETV Hyderabad.
- Suman Rautela, As a Video Editor, ETV Hyderabad.



### 6.3 School Of Social Sciences

#### Department of Economics



**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

**Mission:**

The Economics Department helps students to 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. The department foresees to provide specializations in Business Economics, Environmental Economics & Core Economics.

## Faculty Members:

Name	Designation
Ms. Sikha Ahmad, Head/In-charge, MSc. (Economics), NET	Assistant Professor (Regular)
Dr. Manoj Bhatt, Ph.D	Associate Professor, (Visiting Faculty)
Dr. Madhu Bisht, Ph.D	Assistant Professor (On Contract)
Ms. Ramanpreet Kaur Nayyar, M.A., NET	Assistant Professor (On Contract)
Mrs. Harmindar Kukreja, M.A., NET	Guest
Dr. Rahul Saxena, Ph.D	Guest
Ms. Meenakshi Dhyani, M.A., NET	Guest
Dr. Ram Singh, Professor, Delhi School of Economics	Adjunct Professor
Dr. Rajendra P. Mamgain, Professor, JNU	Adjunct Professor
Dr. M. M. Goel, Professor, Kurukshetra University	Adjunct Professor

Number of students admitted in each programme during Academic Session 2017-18  
(male & female)

Name of the Programme	Total Seats	No. of Students Admitted	No. of Male Students	No. of Female students
5-Years Integrated M.Sc Economics	50	47	39	08
M.A. Economics	20	10	06	04

Faculty Achievements/work carried out during 1<sup>st</sup> April 2017- 31<sup>st</sup> March 2018

Papers Published

### Dr. Manoj Bhatt

- Disparity of Gender Ratio among Major Religions of Jammu & Kashmir, *Recent Researchers in Social Sciences & Humanities*
- Inequality of sex ratio and child sex ratio among social groups in Jammu and Kashmir pp 186-195, *International Journal of Applied Social Science* ISSN: 2394-1405 (IF: 4.186)

### Ramanpreet Kaur Nayyar

- Analysis of Government Spending on Education and its impact on Unemployment Rate during Planning Period (1997-2011). *International Journal of Applied Social Science* 4(9-10), 342-349, ISSN: 2394-1405, (IF: 4.186)

- Role of Technology and Growth of Modern Banking. *IOSR Journal of Humanities and Social Science (IOSR-JHSS)* 22 (10), 58–65, E-ISSN: 2279-0837, (IF: 4.621)
- Gender Imbalance: Addressing causal factors in India. *International Journal of Applied Social Science* 4(9-10), 355-359, ISSN: 2394-1405, (IF: 4.186)
- Status of Pradhan Mantri Jan Dhan Yojna in Uttarakhand: An Initiative under Financial Inclusion. *Journal of Commerce and Trade*. 12(12)(IF: 4.310)
- A Comparative Analysis on Customer Satisfaction between Public and Private Sector Banks: A Case Study in Dehradun District. *Shodh Drishti, An International Peer Reviewed Refereed Research Journal*. 8 (9), 43-50, ISSN: 0976-6650, (IF: 2.591)

## Research Project

- Sikha Ahmad received the letter of approval for Development of MOOC in Mathematical Economics from UGC for Development of Non-technology P.G. MOOCs on SWAYAM.

## REFRESHER/ORIENTATION/CONFERENCE/SEMINARS/TRAINING/ WORKSHOP/ FDP Organized or Attended

### Refresher Course

- **Sikha Ahmad** successfully completed a *Refresher Course* of 21 days at HRD Gauhati University during 29<sup>th</sup> January to 18<sup>th</sup> February

### Seminars/Conferences

### Organized/Participated/ Member in Organizing Committee

- Dr. Manoj Bhatt organized a One-Day Pre Budget Consultation- Uttarakhand (2017-18) on April 8<sup>th</sup> 2017 on the topic “Child Health and Nutrition Services, and Water Sanitation held at Doon University in collaboration with FLAIR and Giri Institute of Development Studies. Ms. Ramanpreet Kaur Nayyar was a member of the organizing Committee.
- Dr. Manoj Bhatt organized a One-Day Seminar on Cyber Security and Cyber Economy on August 12<sup>th</sup> 2017 held at Doon University in collaboration with Vigyan Bharti. Ms. Ramanpreet Kaur Nayyar was a member of the organizing Committee.
- Ms. Ramanpreet Kaur Nayyar participated in Two-Day Seminar on Himalayan Diwas Uttarakhand Sustainable Mountain Development Summit 2017 held at Hotel Solitaire during September 9<sup>th</sup>-10<sup>th</sup> 2017 organized by Department of Planning, Government of Uttarakhand
- Dr. Manoj Bhatt organized a One-Day National Seminar on Decolonization of Indian Minds held on September 23<sup>rd</sup> 2017 at Doon University, Dehradun
- Ms. Ramanpreet Kaur Nayyar presented a paper titled Colonialism and its Remnants in One-Day National

Seminar on Decolonization of Indian Minds held on September 23<sup>rd</sup> 2017 at Doon University, Dehradun

- Ms. Ramanpreet Kaur Nayyar presented a paper titled GST: A Major Reform in the Indian Taxation System in One-Day National Seminar on Goods and Service Tax (GST) and Economic Growth held on September 28<sup>th</sup> 2017 at Doon University, Dehradun
- Ms. Ramanpreet Kaur Nayyar presented a paper titled Demonetization as an economic phenomenon and its influence on Indian Business Sector in One-day 3<sup>rd</sup> National Conference on Influence of Social Sciences on Business Management on 20<sup>th</sup> November, 2017 at Baddi University of Emerging Sciences & Technology, Baddi, Solan
- Ms. Ramanpreet Kaur Nayyar presented a paper titled Conservation of Ganges: A Critical Analysis of Different Measures Adopted in Two-Day International Seminar on Water Laws and Resource Management: Challenges and the Way Ahead held during November 3<sup>rd</sup>-4<sup>th</sup> 2017 at UPES, Dehradun, Uttarakhand
- Ms. Ramanpreet Kaur Nayyar presented a paper titled Indian Tourism: Economic Analysis and Some Reflections in Two-Day National Conference on Growth Strategies of Tourism in India: Opportunities and Challenges during 29<sup>th</sup>-30<sup>th</sup> November, 2017 at Central University of Panjab, Bhatinda
- Ms. Ramanpreet Kaur Nayyar presented a paper titled Maternal Health Status: A Study of the Women of Uttarakhand in Three-Day International Conference on The Himalayan Challenge: Towards Interdisciplinary Dialogues for Sustainability and Development during 29<sup>th</sup> November-1<sup>st</sup> December, 2017 organized by Sridev Suman Uttarakhand University at Doon University, Dehradun

## Workshop/FDP

### Invited Lectures

- Dr. Manoj Bhatt delivered a lecture on panel data techniques in Seven-Day Faculty Development Program on Advanced Analytical Tools for Research sponsored by University Grants Commission during September 16<sup>th</sup>-22<sup>nd</sup> 2017 organized by School of Management, Doon University

### Attended

- Dr. Madhu Bisht, Ms. Ramanpreet Kaur Nayyar and Ms. Meenakshi Dhyani participated in Seven-Day Faculty Development Program on Advanced Analytical Tools for Research sponsored by University Grants Commission during September 16<sup>th</sup>-22<sup>nd</sup> 2017 organized by School of Management, Doon University

## SPECIAL LECTURES ORGANIZED/DELIVERED

- Dr. Manoj Bhatt organized a lecture series on Monetary Economics by Dr. Rudrani Bhattacharya, Senior Professor, NIPFP, New Delhi during the month of November 2017.
- Dr. Manoj Bhatt delivered a lecture on 'GST & its Impact'
- Dr. Manoj Bhatt delivered a lecture on Decolonization in One-Day National Seminar on Decolonization of Indian Minds held on September 23<sup>rd</sup> 2017 at Doon University, Dehradun

## OTHER ACHIEVEMENTS

- Dr Manoj Bhatt was called as an Expert of Economics for selection of TGT/PGT in Kendriya Vidhyalaya Hathibadkla in Upper Camp on 27<sup>th</sup> December 2017.
- Sikha Ahmad was selected as question paper setter by Guru Govind Singh Indrapratha University, New Delhi and Graphic Era University, Dehradun for setting question papers for PG courses.

## DEPARTMENTAL ACTIVITIES/ ACHIEVEMENTS

### EXTENSION ACTIVITIES

#### Field Survey

- Ms. Ramanpreet Kaur Nayyar along with Dr. Manoj Bhatt in collaboration with ASER Centre an autonomous research and assessment unit of PRATHAM organization organized and coordinated a survey for evaluating educational status of adolescent age group between 14-18 years of age in around 59 villages of Dehradun district. Almost 50 students from Department of Economics participated in the same.
- Dr. Manoj Bhatt organized a survey in July 2017 on Human Trafficking - A UN-NHRC-TISS initiative

#### Excursions

- Dr. Manoj Bhatt along with Ms. Ramanpreet Kaur Nayyar successfully conducted an educational tour of 36 students from Msc.VIII & X Semester(s) to Goa during 16<sup>th</sup>-24<sup>th</sup> February 2018.

#### Village Adoption

- Dr. Madhu Bisht and Ms. Meenaksh Dhyani along with some students carried out various Campaigns on social issues from time to time in Dwara Village, Raipur, Dehradun Uttarakhand.

#### Women's Day Celebration

International Women's Day was celebrated on 8th March by the department in order to enrich students with social issues and health awareness. The key speakers were:

- Deputy Commissioner of State Food and Civil Supply, Dr. Suchismita Sengupta, who gave a presentation on the role of women in different fields of Science and Technology.
- Dr. Jyoti Sharma (gynecologist), who made students aware about personal hygiene and emphasized on the need of proper health regime for women.
- Dr. Manoj Bhatt spoke on the social status of women in Indian society and building up of right perspectives for the better future of the Indian society.
- The fourth grade women employees of Doon University were felicitated with a shawl for their contribution in keeping the University campus clean and green. e. This was followed by a classical dance performance by members from SHAKTI, an NGO working for the women in Dehradun. f. The program was concluded with the



vote of thanks by the In-charge, SOSS, Sikha Ahmad.

## STUDENT CREDENTIALS

### Academic Achievements

- Ms. Himadri Chand and Ms. Asma Ahmed topped in Msc. Integrated programme and M.A Economics respectively.

### Co-curricular Activities

**Department of Economics, School of Social Sciences** was proud winner of *BAZM the fest of the fall, 2017* and won the trophy for the overall event. Twenty-one students participated from Department of Economics in the event. Besides, nine students from the department volunteered in organizing the event. The department won 5 gold medals, 6 silver medals & 2 bronze medals in the event.

- Praksah Singh (Third Semester) jointly secured the first position along with a student of another department in Quiz competition, Uthaaan Diwas conducted by Social Empowerment Cell, Doon University on 13<sup>th</sup> April, 2017. Kokil Das and Ujjwal Sharma secured first and second position respectively in Elocution competition, Uthaaan Diwas, conducted by Social Empowerment Cell, Doon University on 13<sup>th</sup> April, 2017.
- Akhil Kaushik (MSc. Tenth Semester) and Abhishek Badola (MSc. Tenth Semester) stood first and second respectively in Men's Singles. Akhil Kaushik stood first in Men's Doubles. Also, Abhishek Badola stood first in mixed Doubles in Inter department Badminton tournament held during 17<sup>th</sup> to 22<sup>nd</sup> April, 2017 in Doon University.
- Tanya Soni (MSc. Fourth Semester) and Ujjwal Sharma (MSc. Fourth Semester) volunteered in a Social Awareness Programme organized by an NGO "We are One" on 23<sup>rd</sup> April 2017
- Ujjwal Sharma of MSc (Int) Economics secured 1st position in Speech Competition on Himalayan Day, 2017
- Navneet Rajoria & Mani Meghley (PG Programme) while Vyom Rastogi & Natasha Raghuvanshi (UG Programme) were elected as student representatives for the Students' Council. during the University Students' Council Election, held on 13<sup>th</sup> September 2017
- On the occasion of Gandhi Jayanti (2nd October), students' from Department of Economics volunteered in Swacchata Abhiyan within the University campus and in some areas nearby the campus
- Six students from Department of Economics participated in India International Science Festival (IISF) at IIT MADRAS from 13th October to 16th October.
- Ujjwal Sharma of MSc (Int) Economics secured 1st position in Speech Competition on National Science Day, 2018
- Ujjwal Sharma secured 2nd position in debate competition on Women's Day, 2018
- 2 students of our department participated in Model United Nations at Graphic Era Hill University and Ashutosh Shrivastav of MSc (Int) Economics got 3rd position.

- Ujjwal Sharma of MSc (Int) Economics secured 1st position at 7th Dr. Zakir Husain National Trilingual Debate Competition, held on 18th March, 2018. Doon University also won the overall running trophy 2018.
- Ashutosh Srivastava (M.Sc economics 1st year) won the 1st prize in The Great Britain Debate held on 1st March in UPES, Dehradun.
- Ashutosh Srivastava won 3rd prize in English Debate in Zakir Hussain Trilingual National Debate Competition, held on 18th March, 2018 in Jamia Milia Islamia University

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

- Himadri Chand and Prerna Thapliyal of MSc Economics (2012-2017) batch cleared UGC NET in 2018
- Babita Balodhi of MA Economics (2015-2017) batch cleared UGC-SET 2018

## 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 is 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 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)

\*On study leave for PhD

#### List of Guest Faculty:

Sr. No.	Name	Post
1	Ms Tanya Narang	Guest Faculty
2	Ms Aimy Dhankar	Guest Faculty
3	Ms Ana Rived Singh	Guest Faculty



Number of students admitted in each programme during Academic Session 2017-18  
(male & female)

Name Of Programme	Total seats	No. of Students admitted	Male	Female
5 year Integrated MA in Spanish	25	25	18	07

### Events organized by the Department:

- A daylong programme of academic and cultural events was organised to celebrate *Día del Libro* (International Book and Copyright Day) on April 23<sup>rd</sup>, 2017. The day is celebrated every year as one of our most awaited annual events of the Department.
- Department of Spanish Studies observed November 6<sup>th</sup>, 2017 with a slew of academic and cultural events as “Day of Hybrid Cultures: Dialogue, Dissent and Contested Legacies of 1492 in Latin America”.
- International Mother Language Day was celebrated on February 21<sup>st</sup>, 2018 with presentations by the students.

### Educational Tour:

- The Department organised an educational tour to Goa between February 12<sup>th</sup> to 19<sup>th</sup>, 2018 for its BA third year students during which they visited Latin Quarters and Museum of Christian Art to understand the Latin Architecture and Culture. They also carried out a minor study on the life and role of Spanish priest St Francis Xavier, whose casket is kept in the Basilica de Bom Jesus, a UNESCO World Heritage site in Old Goa, in order to understand the role of Spanish missionaries in India.

### Special lectures:

- Dr Minni Sawhney, Professor, Germanic and Romance Studies, Faculty of Arts, University of Delhi screened a Mexican film *Juventud Desenfrenada* and delivered a talk on "Youth Rebellion in Mexico" on 16th of September, 2017.
- Mr Stefano Zuffi, Research Scholar, Germanic and Romance Studies, Faculty of Arts, University of Delhi delivered a talk on “Italian Renaissance” on 19<sup>th</sup> of August, 2017.
- Ms Saman Khan, Research Scholar, CSPILAS/SLL&CS, JNU delivered a series of lectures in October and November, 2017.

### Some glimpses of programmes/events held:



*Day of Hybrid Cultures: Dialogue, Dissent and Contested Legacies of 1492 in Latin America. November 6<sup>th</sup>, 2017.  
Department of Spanish Studies, Doon University*



*Students at the Department showcasing indigenous dresses from Latin America*



Panel discussion on the theme *Day of Hybrid Cultures: Dialogue, Dissent and Contested Legacies of 1492 in Latin America* by. From left to right Ms. Chiara Facciani (Doon University), Ms. Asha B. Radhakrishnan (JNU) and Ms. Rama Paul (University of Delhi).

## Publications:

- Shikha, Mala (2017) “Octavio Paz ka Bhaarat” in UGC approved e-journal *Sahchar E-Patrika*, Vol. 3 (3), E-ISSN: 2395-2873
- Shikha, Mala (2017) “Solahvi Shatabdi ke Spanish Sant San Juan ka Rahasyavaad” in UGC approved e-journal *Sahchar E-Patrika*, Vol. 3 (4), E-ISSN: 2395-2873
- Shikha, Mala (2017) “Juan Montalvo, a cosmopolitan author: An insight into life and works” in *The Public: Problems and Solutions*, Vol. 7, ISSN: 2230-4540
- Shikha, Mala (2017) “Severo Sarduy's Benares: A Metaphor for Cuban Self” in *15Days*, Vol. 154, ISSN: 2249-605X
- Shikha, Mala (2017) *Reception of India in Latin American Letters*, Hemadri Prakashan, New Delhi, 2017, ISBN: 978-93-82662-62-8
- Shikha, Mala (2017) *A Comparative Study of Portuguese Saudade and Indian Viyoga*, Hemadri Prakashan, New Delhi, 2017, ISBN: 978-93-82662-63-5

## Papers presented in conferences/seminars:

- Mr. P. Kumar Mangalam presented a paper entitled “Personal Myth-Making or Counter-Discursive 'Border Crossing? Reading Frida Kahlo” at the VI International Conference on Hispanism held at the Jawaharlal Nehru University, New Delhi on March 8<sup>th</sup> and 9<sup>th</sup>, 2018.

## Event coordinated:

- Mr. P. Kumar Mangalam coordinated a day long academic and cultural programme on November 6<sup>th</sup>, 2017 as *Day of Hybrid Cultures: Dialogue, Dissent and Contested Legacies of 1492 in Latin America* organized by Department of Spanish Studies, Doon University

## Participation in event:

- Ms Aimy Dhankar participated as a photographer in the Lake side Documentary Festival, Naukuchiatal (16-19 March, 2018) organized by Formedia where documentaries EL REMOLINO (THE SWIRL), a film by Spanish director Laura Herrero Garvín and BESOS FRIOS (COLD KISSES), a film by a Belgo- Columbian artist Nicolás Rincón Gille were screened.

## Students' Placements:

S. N	Name	Year	Name of Organization	Designation
1	Divij Bhasin	MA Spanish	O P Jindal University, Sonipat	Visiting Assistant Professor
2	Aakash Kumar Pathak	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
3	Aarushi Juyal	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
4	Akshay Dass	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
5	Aishwarya Rai	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
6	Vishal Rana	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
7	Shreya Verma	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
8	Rupesh Kumar Ranjan	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
9	Bhawana Baunthiyal	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
10	Rohit	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
11	Harshit Sharma Dhaundiyal	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
12	Hitesh Malik	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
13	Devanshu Bhatt	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales
14	Mohit Joshi	B.A Spanish	LBF Travels India Pvt. Ltd	Executive- Spanish Sales

## 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
Mr. Ravi Kumar,	HoD/ In-charge, M.Phil., UGC NET-JRF, Assistant Professor
Ms Deepika Bhatia,	M.A., UGC NET, Assistant Professor
Mr. Vishwas Kumar,	M.A. Assistant Professor (on contract)
Prof. Manjushree Chauhan	Adjunct Professor in Doon University for 2 years
Ms. Ai Muto	JICA Volunteer till January 2018.

### Number of students admitted in each program (Academic Session 2017-18)

Name of the Program	Total number of students	No. of male	No. of Female
MA 5 year integrated	26	15	11

### Conferences/ Workshops/ Exhibition Organized:

Department of Japanese Studies Organized Cultural Program "DOKI DOKI 2018" on February 15, 2018 in the Senate Hall, Doon University, Dehradun. Prof. C.S. Nautiyal, Honorable Vice Chancellor of Doon University attended this event and advised students to work hard in their studies. Mr. Ravi Kumar was the Program Coordinator of this Cultural event.





Japanese Cultural Program DOKI DOKI 15 Feb. 2018



### List of Publications:

- Kumar. Ravi. *Changing Patterns of Education in India: With reference to Japanese Education System*. In: Multidisciplinary Scenario of Professionalization of Education in India (Ed.) Prof. R.P. Shukla. Bharti Publications, New Delhi. 978-93-85000-14-0
- Kumar. Ravi. *Ambiguity in Literary Translation from Japanese into Hindi*. In: Japanese Literature in Indian Translations; Issues and Challenges. Northern Book Centre. 81-7211-378-1
- Kumar. Ravi. Translated a Japanese poem “ame ni mo makezu” into Hindi “kabhi har nahi manunga”. In: Japanese Literature in Indian Translations; Issues and Challenges. Northern Book Centre. 81-7211-378-1

## Participation/ papers presentation in conference/seminar/symposium

- Mr. Ravi Kumar presented paper titled, “Pilgrimage in Himalaya: with reference to Nanda Devi Rajdat and Char Dham Yatra of Uttarakhand” in 5<sup>th</sup> India – Japan International Seminar on Comparative Culture Studies organized by JNU, New Delhi on September 7-8, 2017
- Mr. Ravi Kumar presented paper in a Two Day International Conference on “Interlinking Linguistics and Literature – A tool to 'read' Japanese Literary Text” held on 3-4 November, 2017 organized by Centre of Japanese Studies, Jawaharlal Nehru University, New Delhi in collaboration with The Japan Foundation, New Delhi at Jawaharlal Nehru University, New Delhi.
- Mr. Ravi Kumar, Assistant Professor, Department of Japanese Studies presented a paper titled, “Significance of Indo – Japan relation in 21<sup>st</sup> century” in a National Seminar in UGC HRDC Kumaun University Nainital on December 20, 2017.
- Ms. Deepika Bhatia presented a paper in International Seminar on "Exploring Cultural Traditions and Folklore of East Asia and India” held on 7-8 September 2017 at JNU. New Delhi.
- Ms. Deepika Bhatia presented a paper in International Seminar on “Japanese Literature” held on 16<sup>th</sup> September, 2017 at Delhi University, New Delhi.
- Ms. Deepika Bhatia presented a paper in International Conference on “Interlinking Linguistics and Literature – A tool to 'read' Japanese Literary Text” held on 3-4 November, 2017 organized by Centre of Japanese Studies, Jawaharlal Nehru University, New Delhi in collaboration with The Japan Foundation, New Delhi at Jawaharlal Nehru University, New Delhi.
- Ms. Deepika Bhatia presented a paper in National Seminar on “Japanese Language Education: Pan-India Scenario” organized by Japanese Language Teachers Association of India (JALTAI) in collaboration with The Japan Foundation, New Delhi held on 17th February 2018 at Jawaharlal Nehru University, New Delhi
- Ms. Deepika Bhatia presented a paper in National Seminar on "Teaching Methodologies in Japanese Language Education" organized by Department of Asian Languages held on 8th March, 2018 at English and Foreign Languages University (EFLU), Hyderabad.
- Mr. Vishwas Kumar presented paper in a Two Day International Conference on “Interlinking Linguistics and Literature – A tool to 'read' Japanese Literary Text” held on 3-4 November, 2017 organized by Centre of Japanese Studies, Jawaharlal Nehru University, New Delhi in collaboration with The Japan Foundation, New Delhi at Jawaharlal Nehru University, New Delhi.

## List of Invited Lectures:

- Mr. Ravi Kumar Organized an event “Hiroshima Nagasaki Day” on 9<sup>th</sup> August, 2017 in Senate Hall, Doon University, Dehradun. Prof. Manjushree Chauhan was invited to deliver a lecture on this occasion. She also gave classroom lectures to BA and MA students on August 9-11, 2017.



- Mr. Ravi Kumar invited Japanese delegation (12 members) from Kokugakuin University; Tokyo, Japan to visit Doon University on September 9-11, 2017. A special lecture was delivered by Prof. Naoyuki Ogawa on “Birth and Death rituals in Japan and India”. A Village trip to Rishikesh was organized during this visit.



- Mr. Ravi Kumar invited Prof. NeeraKongari to deliver lectures to BA and MA students in the Department of Japanese Studies for three days from October 11-13, 2017





## Faculty selected for Orientation Program

- Mr. Ravi Kumar, Faculty, Department of Japanese Studies (SoL), Doon University has been selected for participation in Orientation Program in Kumaun University from 27<sup>th</sup> November to 23<sup>rd</sup> December, 2017.

## Participation in National level Sports Festival SPARDHA 2017

- Mr. Ravi Kumar, Faculty, Department of Japanese Studies (SoL), Doon University participated and accompanied a group of 56 students for participation in “SPARDHA 2017” in the National Level Sports Festival of College of Technology, G B Pantnagar University held from 10th November – 12th November, 2017. Students won 5 Gold, 4 Silver and 4 Bronze medals.

## Service to the program and administrative work of the University (other than research)-

- Head / In-charge of Department of Japanese Studies: (since June 2017 till date)
- (Acting) Head / In-charge of Department of English: For 180 days (from 17/03/17 to 13/10/17)
- Coordinator of Yoga Classes, Doon University (since February 2018)
- Member of Placement Cell, Doon University (since February 2018)
- Member of a committee for smooth running and management of University Cafeteria (since March 2018)

## Students' Achievements / Placements:

### • Doon University Campus Placement:

Name	Company Name	Package
Saurav Khati	Amazon, Hyderabad	5.5 lakh
Himanshu Bisht	Amazon, Hyderabad	5.5 lakh
Celesty Rai	Amazon, Hyderabad	5.5 lakh
Manisha	Amazon, Hyderabad	5.5 lakh
Meenakshi	Oracle, Bangalore	5.5 lakh

- Saurav Khati, BA 3<sup>rd</sup> Year student, of Department of Japanese Studies (SoL), Doon University has been awarded “JENESYS” scholarship by the Embassy of Japan, New Delhi to visit Japan for 10 days from 27th November to 6th December.
- Harsh Bisht, BA 3<sup>rd</sup> year student, won **3<sup>rd</sup> prize** in North Zone Japanese Language Speech Contest (senior category) held in JNU on October 28, 2017
- Deeksha, BA 2<sup>nd</sup> year student, won **3<sup>rd</sup> prize** in North Zone Japanese Language Speech Contest (junior category) held in JNU on October 28, 2017
- Two Students (Sachin MA 2<sup>nd</sup> year and Abhishek Thapliyal MA 1<sup>st</sup> year) from Department of Japanese studies participated in “New Japanese Language Teacher Training Course” in Japan Foundation, New Delhi on 13-19 December, 2017

- Prizes won by Japanese students during “Bazm” on Oct. 26-30, 2017:

1<sup>st</sup> Prize: Band group.

2<sup>nd</sup> Prize: Lakshita, solo singing.

2<sup>nd</sup> Prize: Abhishek Thapliyal, instrumental.

1<sup>st</sup> Prize: Group Dance

3<sup>rd</sup> Prize: Debate Competition

## Departmental Activities:

- All the faculty members of the department Contributed and Compiled (Department level) question paper for Entrance Examination of B.A. (Hons) / MA Integrated of School of Languages of the University for Session 2017-18.
- Department of Japanese Studies for the first time organized “Kanji Contest 2018” on February 6, 2018, wherein students participated and won prizes in Junior and senior category. Prof. C.S. Nautiyal, Honorable Vice Chancellor of Doon University distributed prizes to the winners.
- Mr. Ravi Kumar organized lecture under “Sol-Dialogue” on October 12, 2017 in senate Hall, Doon University.
- Mr. Ravi Kumar organized Screening of a Japanese Movie under “Sol-Screening” on October 30, 2017 in senate Hall, Doon University.
- Mr. Ravi Kumar, Food and Accommodation committee member, during Inter University sports events held in Doon University from October 26-30, 2017.
- Mr. Ravi Kumar was nominated as a polling officer to ensure smooth conduct of School Society Election, which was held on 13<sup>th</sup> September, 2017.
- Ms. Deepika Bhatia, sports organizing committee member, during Inter University sports events held in Doon University from October 26-30, 2017.
- Ms. Deepika Bhatia Contributed question paper for Entrance Examination of B.A. (Hons) / MA Integrated of School of Languages of the University for Session 2017-18.
- Ms. Deepika Bhatia Organized *Origami* (Paper folding art) session for the students of B.A. 1st year.

### 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.

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
*Mr. Vaibhav Sharma, M.A., NET	Guest Faculty

\* Joined on 6<sup>th</sup> November 2017.

**Number of students admitted in each program during Academic Session 2015-16 (male & female)**

Name of the Programme	Total	No. of Students	No. of Male	No. of female
	Seats	Admitted	Students	students
M.A. 5 year Integrated	25	25	13	12

**List of Publications:**

- **Kumar, C., 2017:** *The Meeting at Telgte; A fictive History of Literature or a Tribute?* In: Vibha Surana/ Meher Bhoot (Eds.). *Revisiting Günter Grass; Voices from India and Germany.* 100-112 (Königshausen & Neumann, Germany)
- **Kumar, C., 2018:** *Ein Inder, der gern Deutsch unterrichtet.* In: Ulla Weinreich (Hg.). *Wir sprechen gerne Deutsch; 27 Stimmen aus 13 Ländern über ihr Verhältnis zur deutschen Sprache.* IFB Verlag Deutsche Sprache 2018. S. 103-107. ISBN: 978-3-942409-70-4
- **Naithani, A.; 2017:** *Hawa March kae Mahine ki.* In: Khare, Namita/ Sahni, Madhu (Eds): *Ek Ajnabi sae Mulakat, German Bhasi Shtri Lekhan (1945-2014).* 32-41 (Sampark)
- **Naithani, A.; 2017:** *Badalta Nazaria.* In: Khare, Namita/ Sahni, Madhu (Eds): *Ek Ajnabi sae Mulakat, German Bhasi Shtri Lekhan (1945-2014).* 57-62 (Sampark)

**Conferences/Workshops/Exhibition organised:**

- **21<sup>st</sup> September 2017:** Department of German Studies, School of Languages organized its annual event Tag der deutschen Sprache (Day of German Language) where students got an opportunity to showcase their talent in the field of song, dance, quiz, play, speech and poetry recitation
- **25th September – 5th October, 2017:** Department of German Studies, School of Languages, Doon University, Dehradun co-organized the Cologne Summer School 2017 on Graphic Literature in collaboration with the Centre of German Studies, SLL&CS/JNU, New Delhi and the University of Cologne, Germany

**Participation/ papers presentation in conference/seminar/symposium or summer school attended:**

- **4<sup>th</sup> – 26<sup>th</sup> July 2017:** Mr. Alok Prasad Naithani participated in an advanced language course in Berlin, Germany. This was a reward for the prize he had won as the best teacher for adult learners; a competition organized by the Max Mueller Bhavan/ Goethe-Institut, New Delhi. In Germany, Mr. Naithani also got to meet with the Federal Chancellor, Dr. Angela Merkel.
- **27<sup>th</sup> – 28<sup>th</sup> July 2017:** Mr. Chandrika Kumar participated in the National Training Workshop for the Academic Counsellors of Diploma in Teaching German (DTG) held at the IGNOU, New Delhi
- **25th September – 5th October, 2017:** Ms. Simran Bhandari, Ms. Priya Todaria, Ms. Pragya Khugshal, Ms. Saumya Uniyal, Ms. Shubhangi Purohit, Ms. Prashali Khanduri and Mr. Chandrika Kumar participated in the Cologne Summer School 2017 on Graphic Literature at JNU, New Delhi and Doon University, New Delhi.
- **21<sup>st</sup> – 23<sup>rd</sup> February 2018:** Mr. Chandrika Kumar participated in the International Conference (of the Goethe Society of India) on “Cosmopolitanism, Globalization and Literary Space” held at the University of Delhi, Delhi.
- **8th March, 2018:** Mr. Chandrika Kumar presented a paper on *Difficulties in Transcending Cultural Boundaries: An Analysis of the Novel 'Das Mädchen mit dem Fingerhut' by Michael Köhlmeier* at the International Conference “Transcending Cultural Boundaries. Studies of Foreign Languages, Literature and Culture in India” organized by the Department of Foreign Languages, Gauhati University in collaboration with the Institute of South Asian Studies, Russian State University for Humanities, Moscow, Russia and Centre for South-East Asian Studies, Gauhati University at Gauhati University, Guwahati

List of invited activities:

- **8<sup>th</sup> – 11<sup>th</sup> May, 2017:** Dr. Rosy Singh (Centre of German Studies, JNU) was invited to give lectures on German language and literature
- **15<sup>th</sup> – 16<sup>th</sup> May, 2017:** Prof. Babu Thaliath (Centre of German Studies, JNU) was invited to give lectures on German philosophy and the relationship between philosophy and science. His presence in the Department was also utilized to conduct the Academic Advisory Committee Meeting of the Department of German Studies.
- **26<sup>th</sup> – 29<sup>th</sup> May 2017:** Prof. R.C. Gupta (Centre of German Studies, JNU) was invited as an external examiner to conduct the oral examination of first, second and final year students.
- **August – September 2017:** Mr. Vaibhav Sharma was invited to take few classes on per lecture basis with the students of first and third semester.
- **September – November 2017:** Mr. Ashish Joshi was invited to hold interactive sessions with the students of first and third semester in German language. With students of fifth semester, he held several sessions on the 'Corporate Culture and Business Practices'.
- **6th September 2017:** Mr. Chandrika Kumar was invited to give a talk on “Changing Values and Culture Shock” at the All India Radio (AIR) station, Dehradun
- **1<sup>st</sup> to 14<sup>th</sup> October 2017:** Ms. Julia Westphal (University of Bielefeld, Germany) was invited to interact with the students of Department of German Studies and offer some of the fine nuances of German language and culture.
- **4<sup>th</sup> December, 2017:** Mr. Chandrika Kumar was invited as External Expert/ Examiner to conduct viva-voce for

awarding an M.Phil. Degree at the CGS/SLL&CS, Jawaharlal Nehru University, New Delhi

- **14th December 2017:** Mr. Chandrika Kumar was invited to give an interview to Mr. Anil Kr. Bharti on the topic “Foreign Languages and Employment Opportunities” at the All India Radio (AIR) station, Dehradun
- **December 2017:** Mr. Om Prakash (BHU, Varanasi) was invited as an external expert to conduct the oral examination of the first and third semester students in German language
- **4<sup>th</sup> – 11<sup>th</sup> February, 2018:** Prof. em. Dr. V. Ganeshan (English & Foreign Languages University (EFLU), Hyderabad) was invited to deliver lectures and interact with students of Department of German Studies, School of Languages, Doon University
- **18<sup>th</sup> – 23<sup>rd</sup> February, 2018:** Mr. Alok Prasad Naithani was invited to participate in a translation workshop *Vice Versa: Hindi – Deutsch Übersetzerwerkstatt* at Looren, Switzerland.
- **23<sup>rd</sup> March, 2018:** Mr. Chandrika Kumar was invited as Subject Expert and Special Invitee in the Board of Studies Meeting for German Language at the Department of Humanities and Social Sciences, DIT University, Dehradun

### Field trip organized during the Academic Session:

- **9<sup>th</sup> to 14<sup>th</sup> May, 2017:** Third year (6<sup>th</sup> Semester) students went on an academic tour to Chandigarh, Shimla and Manali along with Mr. Alok Prasad Naithani and Ms. Yogita Arya

### Students' Placements:

- Mr. Mohit Ghai – German Teacher at Kendriya Vidyalaya, FRI, Dehradun (2017)
- Ms. Shailu Rawat – German Teacher at Kendriya Vidyalaya, Roorkee (2018)
- Ms. Aishwarya Gupta – German Teacher at Kendriya Vidyalaya, Hathibarkala, Dehradun (2018)
- Ms. Priya Raj Handa – Concentrix, Gurugram (2017)
- Ms. Shailu Rawat – Concentrix, Gurugram (2017)
- Ms. Tanya Grover – Concentrix, Gurugram (2017)
- Ms. Nikita Joshi – Concentrix, Gurugram (2017)
- Mr. Ashish Dhasmana – Concentrix, Gurugram (2017)
- Mr. Naveen Bhatt – Concentrix, Gurugram (2017)
- Ms. Geeta Kaintura – Concentrix, Pune (2018)
- Ms. Shivani Pokhriyal – Concentrix, Pune (2018)
- Mr. Aman Minocha – Concentrix, Pune (2018)
- Mr. Rohit Saklani – Concentrix, Pune (2018)
- Mr. Rohit Singh Negi – Concentrix, Pune (2018)
- Ms. Disha Hemdani – Concentrix, Pune (2018)
- Ms. Sidra Mirza Beig – Concentrix, Pune (2018)
- Mr. Aryan Dhingra – Concentrix, Pune (2018)
- Ms. Srishti Kotiyal – Concentrix, Pune (2018)
- Ms. Ravina Panthri – Amazon Hyderabad (2017)
- Ms. Sonali Uniyal – Amazon Hyderabad (2017)
- Ms. Dia Diwakar – Amazon Hyderabad (2017)
- Mr. Deepak Kumar – Amazon Hyderabad (2018)
- Ms. Prerna Ramola – Amazon Hyderabad (2018)
- Mr. Shobhit Bhatt – Amazon Hyderabad (2018)
- Mr. Aditya Gulati – Axa, Pune (2018)
- Mr. Anmol – Tech Live Connect, Gurugram (2018)



## 6.4.4 Department of Chinese Studies, School of Languages

### Vision

The 21<sup>st</sup> 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. Dr. R. N. Sharma, Associate Professor on Contract
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)

### Number of students admitted in each programme during Academic Session 2016-17 (male & female)

S. No.	1 <sup>st</sup> Year		2 <sup>nd</sup> year		3 <sup>rd</sup> Year		4 <sup>th</sup> Year		Total	
	Boys (M)	Girls (F)	Boys (M)	Girls (F)	Boys (M)	Girls (F)	Boys (M)	Girls (F)	Boys (M)	Girls (F)
1	11	14	10	8	10	9	3	2	34	33
<b>Total</b>	25		18		19		5		67	

## Faculty Achievement

### List of publication

- Tanvi Negi: '*Re-Narrating History and Question of Existence in Yu Hua's "To Live"*' published in Journal of Higher Education & Research Society, Vol-5/Issue-2, October 2017. ISSN No: 2349 0209. UGC Approved SR NO 256/Journal No. 48102. Pg. 503-512.
- Anukriti & Aekta Bisht: *Use of Flora-Fauna as symbols in Buddhist art*, Samaskriti Samdhan, National Research Journal of Manav Sanskriti Sodh Sansthan, July-December, 2017

### Papers presented/ Conferences/ Seminar attended.

- Ms Tanvi Negi was selected as 'Young Sinologist' by Ministry of Culture, People's Republic of China to participate in the "Visiting Program for Young Sinologist-2017" from July 9-29, 2017 at Zhengzhou University, Zhengzhou, Henan, PRC.
- Ms Tanvi Negi presented a paper titled 'Re-Narrating History and Question of Existence in Yu Hua's "To Live"' in the International Conference on Religion, Literature & Culture organized by Higher Education & Research Society, Mumbai, India on 15<sup>th</sup> and 16<sup>th</sup> September, 2017.
- Ms. Anukriti Bisht presented a paper titled "Buddhist Grottoes art in India and China: A Comparative Study" with Dr Aekta Bisht in the International Seminar on Foreign Interactions and Globalization on Indian Art and Culture (From Vedic to Modern Times) organized by Manav Sanskriti Shodh Sansthan Varanasi in collaboration with National Museum Institute of History of Arts, Conservation & Museology, Janpath, New Delhi from April 8 to 10, 2018.
- Ms. Anukriti Bisht attended UCOST sponsored National Conference on "Women and Higher Education: Present Socio-Economic Standpoint and Future Perspective" organized by MKP PG College Teachers' Association on 27<sup>th</sup> and 28<sup>th</sup> March 2018.
- Ms Anukriti Bisht attended a lecture on "China's Engagement with the Buddhist World: Challenges Posed" by Mr Amitabh Mathur, Advisor, Ministry of Home Affairs (MHA) on Tibetan Affairs. The lecture was organized on 21<sup>st</sup> February by the Institute of China Studies, New Delhi.

## Departmental Activities

Department of Chinese Studies celebrated the Chinese Spring Festival "Chunjie" on February 28, 2018 with a wide array of academic and cultural activities. In the morning session Speech Competition, a Poetry Recitation Competition and a quiz was organized. The students displayed their writing and speaking skills and also their knowledge of China and its culture. The afternoon was devoted to colorful cultural programs where students of the Chinese Department performed Chinese songs, traditional Chinese and Indian dances, Chinese drama and poetry.

## Students Placement.

- Shivani Sharma and Ms Shubhangi, two students from BA third year were placed with Amazon through on campus placement drive.



● Placement Record of students who passed out in July 2017

1.	Shubham Rajput	Working with Mickeyfone Technologies India Pvt Ltd.
2.	Snehdeep	Working with Hi-tech isolutions LLP
3.	Satyam Bartwal	Working with Ai touch.
4.	Kuldeep	Working with Oracle, Bangalore
5.	Apoorva Mishra	Working with Spi Global, Chennai
6.	Himalee Kuksal	Working with Amazon, Hyderabad
7.	Abhishek Kumar	Working with Yeh China Education Private Limited
8.	Shivani Dhyani	Working with WNS Global Services
7.	Arushi Minocha	Working with Sunwoda Electronics Pvt Ltd
8.	Shivangi Chaturvedi	Working with Contify

The students of the department celebrating 'Chunjie' Spring Festival Celebrations



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



**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 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 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
Dr Varun Dev Sharma, PhD in French and Francophone Studies, JNU, New Delhi, UGC-NET (FRENCH)	Assistant Professor on contract
Mr Shantanu Shandilya, MA in French Literature, BHU, Varanasi, UGC-NET (FRENCH)	Assistant Professor on contract
Ms Annéa Saily, MA in French Linguistics, Université de Lille III, Lille, France	Native Guest Lecturer
Mr Shubham Kumar, MA in French Literature, JNU, New Delhi	Guest Lecturer

Number of students admitted in each programme during Academic Session 2017-18 (male & female):

Name of the Programme	Total Seats	No. of Students admitted	No. of Male Students	No. of Female Students
5-Year Integrated MA(1 <sup>st</sup> year)	25	25	11	14
5-Year Integrated MA(2 <sup>nd</sup> year)	25	24	09	15
5-Year Integrated MA(3 <sup>rd</sup> year)	25	19	06	13
5-Year Integrated MA (4 <sup>th</sup> year)	25	03	Nil	03



## Papers presented in conference/seminar

- Dr Varun Dev Sharma, presented a paper entitled, “L'Himalaya: un berceau d'aventures vu par les Français” in a National Seminar in English and Foreign Language University (EFLU), Hyderabad on September 14-16, 2017.

## Publication:

- Sharma, Varun Dev, 2017. *Regard français sur les terres sacrées de l'Himalaya*. Caraveti (Demarche de sagesse) Peer Reviewed and Referred Biannual International Journal, (ed.) Dr Gitanjal Singh (BHU), 168-175 (Langers, New Delhi), ISBN: 2456-9690. November 2017.

## Teachers Training Programme:

- Dr Varun Dev Sharma attended a teachers' training programme organised by the Indian Association of Teachers of French (IATF) and Embassy of France, in Jawaharlal Nehru University, New Delhi, from 11<sup>th</sup> to 14<sup>th</sup> of January, 2018.
- Dr Shantanu Shandilya attended a teachers' training programme organised by the Indian Association of Teachers of French (IATF) and Embassy of France, in Jawaharlal Nehru University, New Delhi, from 11<sup>th</sup> to 14<sup>th</sup> of January, 2018.
- Mr Shubham Kumar attended a teachers' training programme organised by the Indian Association of Teachers of French (IATF) and Embassy of France, in Jawaharlal Nehru University, New Delhi, from 11<sup>th</sup> to 14<sup>th</sup> of January, 2018.

## List of Invited Lectures:

- Prof Abhijit Karkun, Centre for French & Francophone Studies, JNU, New Delhi.
- Prof Kiran Chaudhry, Centre for French & Francophone Studies, JNU, New Delhi.
- Dr Asha B Radhakrishna, Research Scholar, Centre for French & Francophone Studies, JNU, New Delhi.
- Mr Roberto Maggioni, Director of Maggioni Tourism Agency & Guest Lecturer at the University of Milan, Italy.
- Mr André De Muniz, University of Lausanne, Switzerland.
- Mr Sylvain Choin, Director, Alliance française de Chandigarh.
- Ms Éléonore Laporte, Manager, Alliance française de Dehradun.
- Mr Laurent Pozzana, Pedagogical Head, Editions Didier, New Delhi.
- Dr Bertrand de Hartingh, Counsellor for Cooperation and Cultural Affairs, Embassy of France, New Delhi.
- Ms Emilia Cartier, Attachée for University Cooperation, Ms Shefali Jetli Sury, Advisor to the Counsellor, Ms Kripalini Sriprasad, Chargée de mission, Department of Linguistic & Educational Cooperation of the French Embassy.
- Mr Olivier Litvine, Attaché of Cooperation in French language, Embassy of France, New Delhi.
- Mr David Rochat, Attaché of Academic Affairs, Embassy of Switzerland, New Delhi.
- Prof Cynthia Eid, Vice-President of International Association of French Teacher, University of Montreal, Canada
- Prof Ismail Demmane, HoD, French Department, Larbi Tebessi University, Algeria.
- Dr Siba Barkataki, CFFS, JNU, New Delhi.

- Ms Nidhi Chopra, Head, Campus France, Embassy of France.

### Faculty achievements:

- Mr Shantanu Shandilya, Assistant Professor (on contract) was awarded PhD upon successful defence of his thesis on 19<sup>th</sup> of January 2018 in Banaras Hindu University, Varanasi.

### Students' achievements:

- Sumit Panwar (BA 2<sup>nd</sup> year) has been awarded the prestigious scholarship by Wallonie-Bruxelles International, Government of Belgium, to pursue a summer course in French language and Francophone Belgian Literature at Université libre de Bruxelles.
- Somya Sundriyal (MA 1<sup>st</sup> year) has been selected as a volunteer by France Volontaires, Service Civique, to teach English and promote Indian culture for 8 months in the region of Rhône-Alpes, France.
- Mehul Kala (BA 3<sup>rd</sup> year) has gone to Ontario, Canada for pursuing a diploma in Tourism Studies.
- Vikas Singh (BA 3<sup>rd</sup> year) has been appointed as a full time French faculty in Zee Mount Litera School and part time French teacher at Graphic Era University.
- Himani Rawat (BA 3<sup>rd</sup> year) has been appointed as a French faculty in Sanskruti International School.
- Misha Saxena and Nancy Maurya (BA 3<sup>rd</sup> year – French) have been recruited by Amazon (India), Hyderabad, as French language experts, during a placement drive organised by Amazon in Doon University.
- 3 students of BA 3<sup>rd</sup> year (French) will join Concentrix, Gurgaon, in June 2018. Concentrix has conducted a placement drive in the University.
- Shivam Panwar (BA 3<sup>rd</sup> year) has been appointed as a French Faculty at the Oasis School, Raipur, Dehradun.

### Public or community service:

- The Department of French teamed up with a Dehradun based NGO called Waste Warriors and undertook the cleanliness drive under the event “Himalayan Clean-Up” at Robbers' Cave and Santla Devi, Dehradun.

## 6.4. 6. Department of English Studies, School of Languages Preamble:

### 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, Hardwar 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
Prof. Kusum Arunachalam	Head, SENR and In-charge, Department of English.
Dr. Richa Joshi Pandey	Assistant Professor
Dr. Andhruti Shah Rathi	Assistant Professor (On Contract)
Dr. Richa Shukla	Assistant Professor (On Contract)
Dr. Eti Sharma	Assistant Professor (On Contract)
Dr. Jaskiran Chopra	Visiting Faculty

### Year wise Number of students enrolled in the M.A. English Course: -

Year	Total No. of Students	Male Candidates	Female Candidates
2017-18	09	02	07

## Books Published; Papers Presented/ Published & Seminars Attended: -

- Dr. Jaskiran Chopra published her book *Fiction & Film: Ruskin Bond's Romantic Imagination* in November, 2017
- Dr. Eti Sharma published a paper entitled *Reminiscences, The Way to Survival: A Critical Study of Ramanujan, Dharker, and Alexander* in April, 2017.
- Dr. Andhruti Shah Rathi published a research Paper in the UGC approved journal “Shodh Prerak Paper” entitled *21<sup>st</sup> Century Science Fiction and Jasper Fforde* in April, 2017.
- Dr. Eti Sharma published a Research Paper in the Journal Notions Paper entitled “Cinema & Communication: Negotiating Female Stereotypes” in June, 2017.
- Dr. Andhruti Shah Rathi published a Research Paper in the UGC approved journal “Annals of Multi-Disciplinary Research” Paper entitled *Time-Travel and Theme of the Novel: The Eyre Affair* in June, 2017.
- Dr. Eti Sharma participated and presented a paper entitled *Space and Identity in Meena Alexander's Poetry* in international conference held at Aristotle University, Greece in December, 2017
- Dr. Eti Sharma presented a paper entitled *The Passport to Culture and Society? A Study of Literature and Society* in National Conference at Sharda University in March, 2018

## Lectures/Talks Delivered and Academic/Literary Visits:

- Dr. Richa Joshi Pandey delivered lectures on “Phonetics” and “Virtually True: A Short Story” in December, 2017 and January, 2018 respectively at KV OLF during their Teachers' Training Course.

- Dr. Richa Joshi Pandey acted as external examiner for Graphic Era Hill University for the elective English course in December, 2017.
- Dr. Jaskiran Chora anchored the Literary evening in September, 2017 at Raj Bhawan, Dehradun. Where the writer Allan Sealy was honoured by Governor Dr. K.K. Paul.
- Dr. Jaskiran Chopra moderated the Literary evening held in December, 2017 at Raj Bhawan where renowned Hindi poet Leeladhar Jaguri spoke about his writings.
- Dr. Jaskiran Chopra delivered a talk on Gulzar's poetry and cinema and conducted a session on this subject at The Booknerds Event held in December, 2017.
- Dr. Jaskiran Chopra delivered a talk on Mirza Ghalib at the Booknerds Literary Event on January 21, 2018.
- Dr. Jaskiran Chopra hosted the Writers' Meet on February 3, 2018 at Raj Bhawan where author Roshen Dalal was felicitated by the Honorable Governor Dr. K.K. Paul.
- Dr. Eti Sharma was invited to chair the paper reading session in the National Conference of ELTAI held at Sharda University, Greater Noida on 24th March, 2018.

## List of Invited Lectures

- Retd. Professor Jaiwanti Dimri, Himanchal Pradesh University Shimla delivered five days lecture on “Literary Theory” from 19<sup>th</sup> to 22<sup>nd</sup> September 2017.

## Field Trip

- To IIT Roorkee for attending a lecture on “Challenges of Migration and Citizenship: African American and Asian Americans” by Professor Amritjit Singh (Langston Hughes Professor of English and African American Studies, Ohio University USA). The trip was undertaken under the guidance of Dr. Eti Sharma.

## Student(s) achievements:

- Ms. Ashu Yadav student of M.A English Third semester published Research Paper in Journal “IJELH” Paper entitled *Feminism in Taslima Nasrin's work 'Lajja'* in year 2017.
- List of student Dissertations submitted by MA English Final Semester students:
  - i. The Personal is the Political in Mahesh Dattani's *Tara* by Akanksha Barthwal, supervised by Dr. Richa Joshi Pandey.
  - ii. Identity Crisis in *The Boy in the Striped Pyjamas* by John Boyne supervised by Dr. Richa Joshi Pandey.
  - iii. Orientalist Discourse in *A Passage to India* by Nidhi Negi supervised by Dr. Richa Joshi Pandey.
  - iv. Racism and Cultural Identity in Alice Walker's *The Color Purple* by Shikha supervised by Dr. Anshruti Shah Rathi.
  - v. Question of Grand Narrative in Amish Tripathi's *Sita Warrior of Mithila* by Ipsa Suyal supervised by Dr. Anshruti Shah Rathi.
- The Concept of Past and Present in Anthony Doerr's “Memory Wall” by Shrishti Raturi supervised by Dr. Anshruti Shah Rathi.



## Departmental Activities/Updates

The Advisory Committee of the Department was reconstituted with the new guest members Retd. Prof. Jaywanti Dimri, HP University, Shimla and Dr. Arun Pant, Associate Professor, Department of English, HNBGU (Tehri Branch) after due approval by the competent authority. An Advisory Committee Meeting consisting of Faculty members from the Department of English and the invited guest members was held on 31.03.2018 in Court Room. The agenda of the meeting was to design the syllabus of B.A.(Hons)English which was to be introduced from the upcoming session onwards.

The syllabus thus formulated was approved in the Academic Council Meeting held on 15.05.2018.



Dr. Jaskiran Chopra at the Valley of Words, a three-day International Festival of Literature and Arts.



Dr. Richa Joshi Pandey delivering a lecture on “Virtually True” in KVOLE, Dehradun



Dr. Richa Joshi Pandey delivering a lecture on “Introduction to Phonetics” at KVOLF, Dehradun



Dr. Eti Sharma presenting her paper at the International Conference *The Politics of Space and the Humanities* at the Aristotle University, Greece



Dr. Eti Sharma with the Session- Chair and other delegates at the Aristotle University, Greece



Dr. Jaskiran Chopra moderating The Literary evening hosted at Raj Bhawan for the writer Roshen Dalal.





Dr. Eti Sharma Presenting her paper at the National Conference, *NextGen Approaches of English Language Teaching* held at Sharda University, Noida. She also chaired paper reading session at the conference.

## 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
Mr. S.K. Dadar MBA, UGC NET	Associate Professor (on contract)
Dr. Vaishali Ph.D., Finance	Assistant Professor
Dr. Smita Tripathi Ph.D., Finance	Assistant Professor

Number of students admitted in each programme during Academic Session 2017-18  
(Male & Female)

Name of the Programme	Total Seats	No. of students Admitted	No. of Male students	No. of Female students
MBA - 2 years	60	41	27	14
Integrated MBA – 5 years	40	40	23	17
Ph.D in Management – 3/5 years	04	03	01	02

## Specialization Offered:

1. Marketing Management
2. Human Resource Management
3. Operations and Supply Chain Management
4. Financial Management
5. International Business

## Workshop Organised

- School of Management organised inaugural ceremony of the session 2017-18 of the school of Management, Doon University was held with much fanfare on 1/8/2017. Mr. Avinash Chandra Joshi, Director- Human Resources of Uttarakhand Jal Vidyut Nigam Ltd, Prof. V.K. Singh, FMS, Gurukul Kangri University, Harwar, Mr Rajendra Singh, DGM-HR, UJVN Ltd inaugurated the session and opened the portals of the University for the newly admitted MBA & IMBA students.
- School of Management organised Two days National Workshop on Advanced Analytical tools for Research was held on 19<sup>th</sup> August, 2017 at 10:00 AM at Conference Hall, Doon University. Chief Guest of the event was Prof. D.P.S. Verma- Former Professor, Delhi School of Economics, New Delhi.
- School of Management organised One Week Multi Disciplinary Faculty Development Programme on Advanced Analytical Tools for Research on 16 to 22 September
- School of Management has organized “Yuva Samvad” programme on Quality of Higher Education in Uttarakhand, the teachers and students of the School participated in the Samvad, hosted by HNN 24x7 hindi News Channel on dated 16 December 2017, The programme was School of Management has organized “Yuva Samvad” programme on Quality of Higher aired on 17 December 2017 at 07PM to 08PM.
- School of Management has organized one-day seminar on “Vison India” on 15 February 2018. Chief Guest of the event was Mr. Shaurya Dobhal, Director-India Foundation.
- School of Management, Doon University organised two days' workshop on Campus Leadership on 15-16 March 2018 in senate hall, where the resource person/speaker Ms. Khushboo Goyal oriented the students and deliver audio-visual presentation about personality development, Profile, Bio-data making, interview, leadership and communication in six sessions.
- School of Management, Doon University organised a Debate **competition** on the topic “The Equality Debate: How Far Have We Come” to commemorate Women's Day 08<sup>th</sup> march 2018. Students fought with words and reasons, expressing their views about what they think has or has not changed over the years.
- School of Management, Doon University and Indian Society for Training and Development, Dehradun organised one-day Management Business Quiz Competition on 10<sup>th</sup> April 2018 in conference Hall, Doon University. Mr. Avinash Chandra Joshi, Director- Human Resources of Uttarakhand Jal Vidyut Nigam Ltd was the chief guest of the programme.
- Prof. H.C. Purohit Head, School of Management, Doon University organized international seminar on “The Himalayan Challenge: Towards Interdisciplinary Dialogues for Sustainability and Development” with collaboration with Sri Dev Suman Uttarakhand University on 29<sup>th</sup> November to 01<sup>st</sup> December, 2017.
- Dr. Sudhanshu joshi has organized UGC Sponsored national seminar on GST and Economic Reform on 28 September 2017.

## Papers presented in conference/seminar

- Prof; H.C. Purohit, Head, School of Management, Doon University has presented on Conference Sub theme “Managing Business in Digital Era” During the Regional Conference on “Business Excellence for Sustaining

High Performance” Organized by ISTD Dehradun chapter on 8<sup>th</sup> and 9<sup>th</sup> December 2017 at KDMIPE Auditorium, Dehradun.

- Prof. H.C. Purohit Head, School of Management, Doon University attended the XIX Annual International conference on “Managing Digital Revolution: Inventing Future India” and Presented a paper entitled “Consumer Attitude and buying intention of Eco-Friendly products: A Study of the University students” held on January 5-6, 2018 at New Delhi, India, Jointly organized by Delhi School of Management, Delhi Technological University, Delhi School of Professional Studies and Research (DPSR) and Sri Aurobindo College (E), University of Delhi

## Outreach programme

- The School of Management, Doon University, Dehradun under its social inclusion- outreach programme has initiated Computer & Financial literacy programme under the aegis of Digital India in Mothrowala Village. The programme has been opened for all age groups. Daily 03PM to 05:30PM this conducted in computer lab of School of Management. Awareness & training of digital transactions shall also be done on weekly basis on Saturday. The programme is without any charge to the village folk of Mothrowala.

## Keynote address/session chaired and lectures delivered

- Prof. H.C. Purohit Head, School of Management, Doon University invited by *SMBConnect* to deliver lecture on “Business Digitization: New Ways to Marketing” held on 20 December 2017.
- Prof; H.C. Purohit, head, School of Management, Doon University has participated as panelist in “Yuva Samvad” programme orginesed by HNN 24x7 Hindi News Channel on Tourism in Uttarakhand on dated 09 December, 2017. The programme was aired on 10 December 2017 at 07PM to 08PM.
- Prof. H.C. Purohit Head, School of Management, Doon University an EC member of ICA, attended EC meeting of ICA at Bangalore University, Banguluru on 16<sup>th</sup> January, 2018.
- Prof. H.C. Purohit, Head-School of Management Chaired a session in the National Seminar on Quality Concerns in Indian Higher Education: Emerging Challenges and opportunities Sponsored by the NAAC, Bangalore held on 22 and 23 February, 2018 at Agra College, Agra organized by IQAC.
- Prof. H.C. Purohit, Head-School of Management chaired National session on Recent Innovations in Emerging Technology & Science at JB institute of Technology, JBIT College of Applied Science in collaboration with Uttarakhand Science Education & Research Centre, Govt. of Uttarakhand on 07 April 2018.
- Prof. H.C. Purohit, Head-School of Management” attended as chief guest of literature festival organized by World Integrity Center (WIC) at Dehradun on 20 April 2018.
- Prof. H.C. Purohit, Head- School of Management, Doon University participated in 01<sup>st</sup> Pradesh Adhiveshan organized by Vigyan Bharati, Uttarakhand held on 20<sup>th</sup> may 2018 at Shri Guru Ram Rai institute of Technology & Science, Dehradun.
- Dr. Ashish Sinha, School of Management, Doon University invited by *SMBConnect* to deliver lecture on “Managing Employees: Making the HR game strong” held on 20 December 2017.
- Dr. Ashish Sinha, Dr. Reena Singh and Dr. Prachi Pathak attended the Uttarakhand CII annual summit-2018 at Hotel Madhuban, Dehradun on 28 february, 2018
- Dr. Ashish Sinha, School of Management attended a pre-synopsis meeting at ICAFI University, Dehradun on 04<sup>th</sup> April 2018 as an external expert.
- Dr. Ashish Sinha, School of Management deliver a tranning session on Transactional analysis in UJVN “Uttarakhand Jal Vidhut Nigum Ltd.” Under the aegis of Indian sociaty for tranning and development.



- Dr. Sudhanshu Joshi, has been invited as an expert to deliberate on 'Motivation and Team Building for effective Leadership' by Uttarakhand Gramin Bank, for Development Programme in Rural Financing, Sponsored by Reserve Bank of India 08 August 2017
- Dr. Sudhanshu Joshi has represented Doon University as Expert and Panellist in Round Table on “FIN TECH- New Era of Digital Finance” on 16<sup>th</sup> Oct 2017 at University of Petroleum and Energy Studies, Dehradun
- Dr. Sudhanshu Joshi has represented Doon University as Expert and Panellist in National Conference Manthan 2017: National conference on theme "Managing VUCA: Challenges and Opportunities" on 3rd November 2017 at Amrapali Group of Institute, Haldwani
- Dr. Sudhanshu Joshi, School of Management delivered Technical Talk on 'Growth Potential and Supply Chain Opportunities in Food Processing Industry: An Entrepreneurial Perspective' during an Entrepreneurship Development Program (EDP) at Doon University, Dehradun on April 4, 2018.
- Dr. Sudhanshu Joshi, School of Management delivered a technical Talk on 'Spreadsheet Modeling for Business & Operations Management: Data Analysis for effective decisions' at Amrapali Group of Institutes, Haldwani on April 9, 2018.
- Dr. Sudhanshu Joshi, School of Management attended as External Expert and Key note speaker during the seminar on “Changing Trends of Indian Economy” at Department of Humanities & Social Sciences Graphic Era deemed to be University, Dehradun on April 22, 2018.
- Dr. Sudhanshu Joshi was one of the Panel expert in the Primetime Debate on 'Uttarakhand Budget'- 2018-19. The Live Debate was telecast by HNN 24X7 from 8 PM to 9 PM on March 22, 2018.

## On-going research/ Consultancy projects

- Prof. H.C. Purohit awarded Major Research Project b ICSSR entitled “Consumer Complaining Behaviour and Redress Satisfaction with Respect to Court Complaints: An Analytical Study of Uttarakhand”
- Dr. Sudhanshu Joshi, took consultancy assignment "Comprehensive Benefit Evaluation of Water Supply Systems", Funded by Asian Development Bank (ADB)

## Field trips/Educational Visit organized during Academic Session:

- Education visit to BHEL- Bharat heavy Electricals Ltd. for industrial exposure organized for MBA 01<sup>st</sup> Semester students 06<sup>th</sup> October, 2017. The tour was coordinated by Dr. Ashish Sinha.
- Students of MBA and IMBA participated in a Conference of Indian Society of Training of Development (ISTD) on 08<sup>th</sup> December, 2017
- Education visit to Industrial Estate Goa for industrial exposure organized on 19<sup>th</sup> Jan 2018 to 21<sup>st</sup> Jan 2018.
- Education visit to BHEL- Bharat heavy Electricals Ltd. for industrial exposure organized for MBA 02<sup>nd</sup> Semester students 06<sup>th</sup> April, 2018. The tour was coordinated by Dr. Ashish Sinha and Dr. Smita Tripathi. Mr. Rajesh Kumar, Head, Human Resource of BHEL, Hardwar interacted with students.
- DOON HERITAGE REDISCOVERY TOUR on 24 April 2018 under the direction of Dr Ashish Sinha and Dr Smita Tripathi. The visit was guided by Ms Sargam Mehra from INTACH-Dehradun Chapter.

## Summer Internship

The School organizes field oriented industry inter face and summer internship programmes for second year students. This internship provides hands-on practical exposure to various functions /domains of corporate world and equips them with required skills of corporate management. The School has tied-up with prestigious public sector and corporate organizations for summer training internship. For completion of internship the students are required to submit a dissertation thesis on an agreed project.

## Placements and Employment

The School provides Campus Placement to eligible students with eminent brands like O3hire, Royal Bank of Scotland, Amazon.com, Infosys, SAGE Publications, LBF Inc USA, Safeducate, Policybazaar.com, Jingles India, New Hindustan TV Channel, Posterity Hr Consulting, American Express, IGT tech-nologies, ICCI Bank, HDFC life, Tacky Minds, Live Technician, Airtel, Planman Consulting etc. The school endeavors for employability through-out all programmes and our focus is to inculcate employability in every student to the best possible extent.

## 6.6 School of Design



### Vision:

Doon University is only among the very select state Universities in India that has initiated to offer a vocational programme in Design at undergraduate level, leading to a UGC recognized Bachelor in Design (B Des) degree. The School of Design (SoD) will draw upon the wealth of traditional knowledge that has existed in different parts of the country, and combine it with modern design thinking to promote the study and practice of design in a social context, with stress on design methodology and design attitude.

**Mission:** It is our belief that the Design education must generate integrated experimental and explorative learning in order to achieve better understanding of creative innovations. The school must provide a flexible frame work of student centric learning where the sole objective is to harness the creative potential of each individual and develop an attitude for logical and critical thinking.

## Design Pedagogy

A multidimensional approach is thus evolved to achieve the required goals by studying and analysing cultural, social and technological development. Ample opportunities are needed to be created by the school to develop each student to his or her full potential in terms of innovative and exploratory thinking, required skills and critical thinking in order to identify the appropriate design solutions in the appropriate cultural context. It is very important to understand the design in relation to the context of society that the student intends to practice. At the same time, interdisciplinary and progressive knowledge of design with the focus on specialization the critical factor to the design education is immensely important.

A sense of professional responsibility/commitment and a balance between 'to do or not to do' is important for each student to develop within the period of four years at the school. This includes professional ethics, work commitment and the responsibility towards society as a critical part of educational curriculum. Thus, design education poses a different kind of challenge to the school / University to impart this kind of education by the method of being extremely sensitive to the needs of the changing times, needs of the industry and most importantly the aspirations of young.

## PROGRAMME & STRUCTURE OF EDUCATION

The School of Design offers a four-year Bachelor in Design program consisting of eight semesters. The teaching pedagogy lays emphasis on creative thinking and a critical analysis of the product, and has hands - on approach to shape it. The programme focuses on nurturing the creative aptitudes in each student and develop their ability to evolve in the process of problem solving. Emphasis is given to design education in relation to our eco – system and society that we live in as well as the environment, which we need to preserve. Aim is to turn out design graduates, who are 'Industry ready' and have the necessary skills to be absorbed in different work arenas. Participation of industry professionals and solving industrial problems in the real work situation is the essence of design education at the School of Design.

After a common foundation program, students will be required to pursue a three year specialisation. Currently the School offers Product Design and Graphic Design specialisations. The curricula of specialisation courses are developed on the basis of the market needs. The specialisation will be offered in consultation with the student after an evaluation of performance and aptitude in foundation year.

## Programmes

Bachelor in Design (B Des) (4 years)

### Enrolment (2017-18)

Total No. of Seats	Total No. of Students	Male Students	Female Students
30	16	04	12

## Faculty

Sr. No.	Name	Designation
1	Ms. Dhriti Dhaundiyal	Visiting Faculty (Contract)
2	Ms. Richa Pant	Visiting Faculty (Contract)
3	Mr. Atul Shah	Visiting Faculty (Contract)
4	Mr. Rahul Bahuguna	Visiting Faculty (Contract)

## Events Organised

### Studio Photography Workshop Held with Mr. Sameer Tawade (21<sup>st</sup> Nov 2017)

Second year students of School of Design participated in a one-day workshop with Photographer Sameer Tawade from Mumbai where we guided them on the use of studio lights, Digital SLR's and tripods in non-studio settings. One of our classrooms was adapted into a dark room with the help of curtains and students studied light and camera settings necessary to capture your product in low light situations. Models and products need to be artificially manipulated for professional photography and Mr Tawade gave the students expert tips on how this may be achieved. The final work was displayed for the entire university.

### Digital Sketching Workshop (30<sup>th</sup> Nov 2017)

Wacom (Japan) organized a day long digital sketching workshop and seminar for all the students from School of Design. Wacom representatives and Digital Artist Mr Moon Das shared their experiences with digital sketching tablets with the students. Mr Moon shared his sketching work in traditional media as well as digital media and showed students the workflow for various software like Photoshop & Illustrator to be used in digital sketching. Pen sketching methods were also discussed that can be used with the easy digitization methods used in Wacom tablets. Students from the Deptt of Computer Science were also invited.

### Industry Interaction with Designer Prabhakar Dabral (30<sup>th</sup> January 2018)

Designer Prabhakar Dabral who has completed his post graduation from National Institute of Design, Ahmedabad interacted with students and shared his work over the past decade with them in a session organized by School of Design on 30<sup>th</sup> January 2018. He stressed work on Design Methodology and Trend analysis of targeted markets before stepping into the conceptual phase of design projects. Students also discussed the versatility of design and the potential to cross over between different industries professionally.

### Industry Interaction with Filmmaker Ashish Joshi (24<sup>th</sup> February 2018)

Film Maker Ashish Joshi interacted with students and shared his work over the past decade with them in a session organized by School of Design on 24<sup>th</sup> February 2018. He has worked in the TV and film industry extensively and has many music videos and films like Sachin: A Billion Dreams to his credit. He shared film making techniques and insights with the students and spoke of the challenges faced by first timers when they join the industry. Students watched the show reel shared by Ashish and discussed creative direction and set design with Ashish as well.

## 4 Day Visit to New Delhi & Auto Expo 2018

Second year students of Graphic Design & Product Design visited the city of New Delhi for their design exposure trip along with faculty members Ms. Dhriti Dhaundiyal & Ms. Richa Pant. They visited National Gallery of Modern Art, Craft Museum, Red Fort, Jama Masjid, Chandni Chowk, Chawdi Bazaar and India Habitat Centre as part of the Design sensitization trip. They also visited the Noida campus of Pearl Institute of Design and interacted with students and faculty there. The highlight of the visit was attending the Auto Expo 2018 at the Greater Noida Exhibition Centre where automotive giants shared the latest in Design & Technology. Apart from this student also visited Designers and Design Houses. They attended the Art & Design Books Symposium at India Habitat Centre as well.

## 2 Day Visit to SIDCUL, Haridwar (February 2018)

Second and third year students of Product Design visited the township of SIDCUL, Haridwar industrial exposure trip along with faculty members Ms. Dhriti Dhaundiyal & Mr. Rahul Bahuguna. They visited the manufacturing facilities of VIP Luggage Industries, Vectus Plastics and Cello Thermoware Industries to learn about various manufacturing techniques and processing of plastics. It was a very thorough initiation into the plastics processing industry and students benefitted greatly in terms of understanding design potentials and design constraints in the material. The students also visited the world's largest two-wheeler plant, Hero Motocorp, Haridwar where they were given a conducted tour of the assembly line process of automotive manufacturing and testing. The collaborative life cycles of design, engineering and manufacturing verticals was emphasized during this visit along with the importance of understanding the technical requirements for achieving excellence in Design.

## 'Art & Visualisation': Interaction with Sri Mahendra Singh Baoni

Sri Mahendra Singh Baoni, nationally acclaimed artist and sculptor, visited School of Design while travelling through Uttarakhand on assignment. He spoke to students about art and visualization and the philosophy behind it. He shared his own artistic journey and the ups and downs of a creative career, especially in the Indian context where Art is still not seen as a serious career option. He shared his celebrated Tata Nano installation project that brought him national acclaim.

## 3 Day Art Appreciation Workshop with Sri Ashish Kundaliya

Students of School of Design and other invited schools participated in a 3-day workshop organized by School of Design where artist Ashish Kundaliya took them across the various art movements with individual case studies to learn to appreciate the finer aspects of paintings in terms of composition, technique and subject. The workshop culminated in an actual execution where students chose a specific movement and created an original art work in the chosen style. They put up their work in the Building foyer for exhibition and critique.

## School of Design Mid Term Exhibition

The five batches of School of Design put up an exhibition of 7 of their courses for assessment and external evaluation. Students and faculty of all the other schools of the University were invited alongwith guests and dignitaries involved in the Design profession across Dehradun. The Honourable Vice Chancellor also visited the Exhibition and went through the student work in great detail to understand their individual projects. Our purpose in organizing this exhibition was two-fold: firstly, design is a user-centric activity and continuous feedback is

essential, and secondly, being able to present one's work to an external audience is essential to the design profession.

## Design Choupal: Keerti Kumari and a career in Photography

This is a series of lectures we have initiated to make our students more aware and clued in about the Design Industry. As part of Design Choupal, we were visited by Designer Keerti Kumari from NID, Gandhinagar, who spoke on career options in Photography and Photo-documentation. She has worked on a sensitive Godhra riot deaths book project and is currently working on a photo documentation of some Jaunsari tribes in Uttarakhand. She shared her work and personal experiences while working on the projects with the students, giving them first-hand knowledge about what is needed above skill and technique to engage and interact with closed communities.

## First Year Student Visit to Mindroling Monastery

First year students of School of Design visited the Mindroling Monastery in Clement Town as part of their Social Science course Man, Design and Society. They studied the complex relations between religion and society and how it ultimately reflects in our chosen symbols and symbology. Distinctive features and motifs used in Buddhist architecture were studied by the students along with their religious significance.

## Facilities at School of Design

- A dedicated Drawing Studio with donkey easels is provided for live sketching classes. The furniture is entirely modular and can be rearranged as per the demands of the class.
- A Material and Tool Workshop provides students with the opportunity to work with their hands, exploring a variety of different materials ranging from wood to thermocol, polystyrene sheets to plaster of paris, sheet material to various fibre boards. The workshop is equipped with a vast array of high quality hand tools and power tools which are used by the students under expert technical guidance at all times.
- A devoted Computer Lab is provided to the students in School of Design to explore a range of 2D as well as 3D software, to enhance their visualization capabilities. The courses are also open to students from other Schools as Zero credit courses in the UGC Choice-based credit system.

## Funds & Grants

School of Design has received Rs 79.0 Lakhs under RUSA for setting up state of the art labs for computers and machines for the Design students. In Phase I, computers and other peripherals have been purchased for the School. In Phase II, specialized computers, photography and videography equipment will be purchased for the school.

## Student Achievements

- Ms Amrita Bisht of 2015 batch was awarded the DUSAF scholarship for merit and financial need.
- Mr Anubhav Kukreti was awarded the Pandit Mahanand Dangwal scholarship for excellence in academics, participation in extra curriculums, good character and financial need.
- The Product Design students of 2015 batch were given an opportunity to work on a live project with Uttarakhand Ayurvedic Hospital on designing and developing a Panchkarma machine.
- Students from all 3 batches participated and won laurels in the Namami Gange painting competition organized at Rishikesh by State Programs management Unit of Namami Gange.



## Projects

Project In Charge	Project Agency/sanctioning body	Subject of Project	Duration of Project	Year		Sanction Amount
				Sanctioned Date	Completion Date	
Dhriti Dhaundiyal	Namami Gange, State Program Management Group (SPMG) NGRBA, Uttrarkahnd	Wall Murals & Paintings for Ganga Cleanliness Campaign	6 Months	17/10/2018	ONGOING	INR 5,25,030 (75% Released to University)

## 6.7 School of Technology



The School of Technology was established in 2014 with a mandate to impart quality education in Computer Science and Information Technology. Since its inception, the school is continuously delivering exceptional opportunity to its students to compete with the masses from the top-notch institutions of India in the field of Computer Science and Information Technology. The emphasis of the school is to give practical oriented exposure to the courses. The school offers 3-Year full-time MCA Program and 2-Year MCA Program through Lateral Entry scheme, with 25 and 20 seats respectively, based on entrance examination.

The school focuses on skill-based education so that the students get an exposure of industry and develop the skills accordingly. The course curriculum has been designed on a specialization-based scheme where the students can develop the skills in any of the specialization of current industry needs. The curriculum includes latest courses, and the updated syllabus is at par with the international standards.

The direct exposure of students with industry is ensured to demonstrate the current industry needs so that the students can develop their interest in latest technology.



The school has state of art laboratories for General Computing and Programming. The computer laboratory with 24×7 network connectivity is equipped with desired software, which are up to date, and of present industry demands. The laboratory is ICT enabled and connected with internet both via wired and wireless connection. It is capable of conducting video lectures and spoken tutorials, which are included in the course curriculum

## Vision

- To become a centre of excellence in the field of IT by nurturing the IT professionals skills to be par with the world-class professionals.
- To effectively mold quality and responsible Computer Professionals, with a mind of service and spirituality for nurturing the technological advancement for the growth of the nation with prominence to the downtrodden.

## About the Programme

### Master of Computer Applications (MCA)

The world has become digital. Computers and software play a central role in our daily lives including society, companies, and education & research. Each year our daily activities become more intertwined with the digital world. Therefore, the goal of School of Technology is to pursue novel innovations in order to develop the technology required for the next generation of computer applications and formation of digital society.

Some of today's software systems are the most complex systems known to mankind. Building such systems require dealing with the complexity involved in designing, implementing and maintaining those software systems to address challenging applications, e.g., healthcare, financial applications, etc.

After completing MCA from Doon University, the student will have expertise in application development, database administration, cloud administration and mining big data ocean as computers are being ubiquitous in all aspects of today's society.

### Faculty Members

Name	Designation
Ms. Rachana Gusain	Assistant Professor (In-Charge)
Mr. K.N. Rastogi	Assistant Professor (Contractual)
Mr. Shiv Singh	Assistant Professor (Contractual)
Dr. Sudhanshu Joshi	Assistant Professor (Adjunct Faculty)

### Students enrolled in MCA during 2017-18:

Programme	Total seats	Total Students	Male Students	Female Students
MCA	25	04	02	02
MCA (Lateral Entry)	20	–	–	–

## Events organized

### 1. Expert talk on Cloud Computing

An expert talk on the topic “Cloud Computing: The Big Picture” was organized on 18 April 2017 for the students of SOT. The talk was delivered by Mr. Ashutosh Joshi, Cloud Solution Engineer, Hitachi Data Systems.

### 2. Technology Day

SOT and CS department organized various technical events to celebrate Technology day on 11 May 2017.

### 3. Semiannual Computer Science Quiz

The second semiannual Computer Science Quiz Contest was organized by the Computer Science Club on 10 November 2017.

## Students' Achievements:

- Ashish Rawat and Nilesh Sharma, third-year students of Integrated MCA, participated in SQL Samurai, an event organized on National Technology Day, 11 May 2017 and won second and third prize respectively.
- Kartikeya Kapparwan, third-year student of Integrated MCA, won the first prize in the second semiannual Computer Science Quiz Contest (CSQC-2) held on 10 November 2017. Many other students from second and third-year batches of Integrated MCA programmes participated in the quiz contest.
- Archit Khankriyal and Mayank Bohra, third-year students of Integrated MCA, competed in quarterfinal rounds of Basketball and Football Tournaments respectively, organized by DIT University, Dehradun.
- In the annual sports meet of all the public state universities of Uttarakhand (Governor's Cup 2017), Archit Khankriyal was the member of DU Basketball team, and they defeated HNB Medical University in the quarterfinals to reach semis. Many students participated in Inter-Department Football, Volleyball, and Basketball Tournaments.
- Amisha Badoni, second-year student of Integrated MCA, participated in Ignus (Science Quiz as part of National Science Day celebrated on February 26, 2018) and succeeded in securing the first position.

## 6.8.1 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.

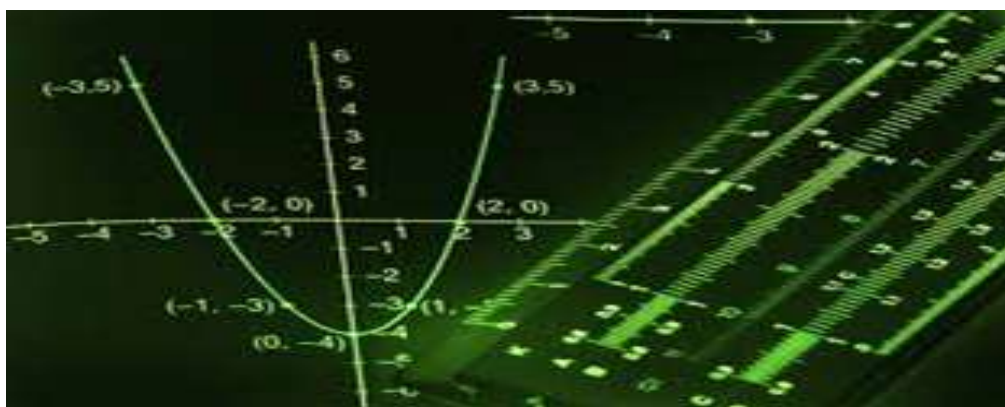
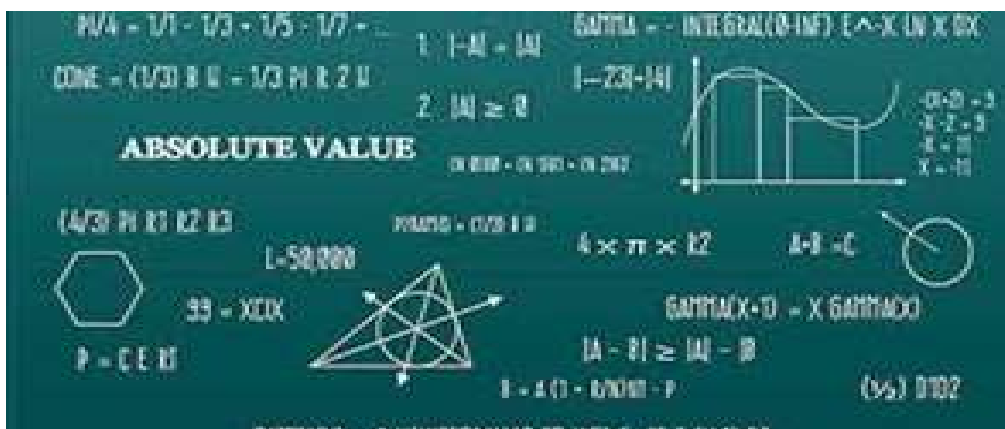
### Mission & Vision of Mathematics Department:

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 Programme.** 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 Programme**  
The MSc (Integrated) programme 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.

#### **Total Admission in 2017:**

Name of the Programme	Strength	Continue
Integrated MSc (five Years), Batch -2017	40	39
MSc Mathematics (2 Years), Batch -2017	09	08
PhD, Batch -2017	02	02

### 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

### Publications:

- A.R. Gairola, A Kantorovic type integral modification of  $q$ - Bernstein-Schurer operators, Journal: Filomat, (2018).
- Komal, 2018, Fuzzy Reliability Analysis of the Washing System in a Paper Plant for Components with Different Membership Function, MAPAN-Journal of Metrology Society of India, Springer, Published online on June 01, 2018. <https://doi.org/10.1007/s12647-018-0267-3> [Impact Factor-1.000]

- Komal:2018, Reliability analysis of a phaser measurement unit using a generalized fuzzy lambda-tau(GFLT) technique, *ISA Transactions*, 76, 31–42, ISSN: 0019-0578, Elsevier. [Impact Factor-3.394]
- Komal :2018, Fuzzy reliability analysis of DFSMC system in LNG carriers for components with different membership function, *Ocean Engineering*, 155, 278–294, ISSN: 0029-8018, Elsevier. [Impact Factor-1.894]
- Komal :2018, Two phase approach for performance analysis and optimisation of industrial systems using uncertain data, *International Journal of Operational Research*, 31(1), 88—111, ISSN: 1745-7653, Inderscience.
- N. Kumar, Komal, J.S. Lather: 2017, Reliability analysis of a robotic system using hybridized technique, *Journal of Industrial Engineering International*, ISSN 2251-712X, Springer 22 September 2017. <https://doi.org/10.1007/s40092-017-0235-5>
- Komal: 2017, A novel FFTA for handwashing process to maintain hygiene with events following different membership function, *Arabian Journal for Science and Engineering*, 42(7), 3007--3019, ISSN: 2191-4281, Springer. [Impact Factor- 0.865]
- Komal: 2017, Fuzzy reliability analysis of the washing system in a paper plant using TBFLT technique, *International Journal of Quality & Reliability Management*, 34(8), 1352--1372, ISSN 0265-671X, Emerald.
- Komal: 2017, An integrated approach for fuzzy reliability analysis and resource allocation of a repairable industrial system, *International Journal of Industrial and Systems Engineering*, 27 (4), 578—594, Inderscience.

**Research Grants:** The research grants received by the faculty members are listed below:

Name of the Faculty	Title of the Project	Funding Agency	Project Status	Amount INR
Dr. Sarita Singh	Multi-Scale Modelling in human carotid artery	SERB-DST	Ongoing	34,04816/-
Dr. A.R.Gairola	Analysis and Improvement of approximation processes based on generalized linear operators	UGC	Ongoing	10,0000
Dr. Komal	Fuzzy reliability analysis of industrial systems with components following different membership functions for their failure/repair using Tw (weakest t-norm) based fuzzy arithmetic operations	UGC	Completed	6.00lakh

**Workshop (National level) organized:**

Teacher Enrichment Workshop on Group Theory, Analysis and Topology 09-14 October, 2017

## 6.8.2 Department of Physics



### About the department:

The Department of Physics was established in the year 2015 and is an active beehive of high quality teaching programs and competent faculties with diverse research backgrounds that cater to the ever challenging needs of teaching and technical excellence in various areas in physics with globally benchmarked curricula. The department offers undergraduate, post graduate and doctoral programs. A MoU has been signed between the University and Instruments Research & Development Establishment (IRDE), a branch of Defense Research & Development Organization (DRDO) to run the Masters program collaboratively. The curricula 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 foundation of the subject is built through *Core courses* coupled with a choice based specialization of different branches of Physics through *Elective courses*. The department offers its *Generic Elective courses* to other departments in the university as a part of CBCS as well. The department is growing with time with its developing state of the art laboratories for learning through experiments. The M. Sc. in physics with specialization in Optoelectronics offered by Department of Physics, Doon University is a unique program of its kind in the country to the best of our knowledge.

### 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

Name	Designation	Duration	Remark
Dr. Vikas Sharma	Assistant Professor	August 2015 to present	Regular
Dr. Himani Sharma	Assistant Professor	August 2015 to present	Regular
Mr. S. K. Gupta	Assistant Professor	September 2015 to May 2017	Contractual
Dr. Rajnish Dhiman	Assistant Professor	July 2017 to February 2018	Contractual
Ms. Sebanti Chattopadhyay	Assistant Professor	July 2016 to May 2017	Contractual
Dr. G. K. Gupta	Assistant Professor	August 2017 to November 2017	Contractual
Dr. Neeti Tripathi	DST INSPIRE FACULTY	March 2017 to present	Tenure Track
Dr. Archana Mishra	Assistant Professor	January 2018 to present	Contractual
Mr. Bal Krishan	Assistant Professor	March 2018 to present	Contractual
Dr. Ajeet Maurya	UGC-FRP faculty	March 2018 to present	UGC guidelines

### Number of students admitted in each programme during Academic Session 2016-17 (male & female)

Name of the Programme	Total Seats	No. of Students admitted	No. of Male Students	No. of Female Students
M. Sc. Integrated	40	38	27	11
M. Sc. Physics (specialization with Optoelectronics)	20	13	08	05
PhD	01	01	-	01

### List of Research Publications in Journals: -

- Farsinezhad, Samira; Shanavas, Thariq; Mahdi, Najia; Askar, Abdelrahman; Kar, Piyush; **Sharma, Himani**; Shankar, Karthik. "Core-shell titanium dioxide - titanium nitride nanotube arrays with near-infrared plasmon resonances" *Nanotechnology* (29) 2018.

### Papers presented in conference/seminar

- Dr. Himani Sharma attended the conference ICMAT-2017 held at Singapore in the third week of June and gave a lecture on the topic "Surface modification and enhanced electron properties of gold grafted carbon nanostructures"
- Surface and electrochemical studies of fuel cell catalyst supports.* Rajnish Dhima, Per Morgen, Eivind Skou. National Conference on Recent Trends in Experimental and Theoretical Physics (**NRPETP-2017**) held on 23-24 November, 2017 in Sri-Sai University, Palampur, Himachal Pradesh, India.
- Dr. Neeti Tripathi presented a proposal in Inter University Accelerator Center, (IUAC), New Delhi for the Beam time request for the study of materials properties.
- Dr. Neeti Tripathi delivered a contributory talk "Improving the performance and stability of Perovskite PV cells" in the conference AMN-2018, held in IIIT, Noida during 15-17 March, 2018.
- Dr. Himani Sharma contributed in a poster presented in the conference AMN-2018, held in IIIT, Noida during

15-17 March, 2018: P. Bamola, **H. Sharma**, Exotic metal nanoparticles-one dimensional TiO<sub>2</sub> nanotubes for light harvesting applications. Influence of boron doping on photo physical properties of titania.

- Dr. Himani Sharma contributed in a poster presented in the international conference on advances in analytical sciences, March 15-17, 2018, CSIR- Indian Institute of Petroleum (IIP) Dehradun, India: V. Yadav, P. Verma, **H. Sharma**, V. K. Saini, Influence of boron doping on photo physical properties of titania.

## Projects:

- Dr. Vikas Sharma: **Effect of ion-irradiation on different components of hybrid solar cells**. Financing Agency: Inter University Accelerator Center (IUAC), New Delhi Amount Claimed: INR **1,516,800/-**. **(Continued from last year)**
- **Dr. Himani Sharma**: Exciting MOS<sub>2</sub> nano sheets-one dimensional periodic TiO<sub>2</sub> nano tubes based hetero-structures for light harvesting applications, Financing Agency: UGC. Amount: INR 1000,000/- **(Continued from last year)**
- **Dr. Neeti Tripathi: DST INSPIRE research grant (continued from last year)**
- Dr. Neeti Tripathi received and joined as Principle Investigator in the IUAC project (no. 63318) entitled "**Effect of SHI irradiation on photoluminescence properties of BCN/silica composite**" w.e.f. forenoon of 27th February, 2018.
- Dr. Ajeet Kumar Maurya transferred his Ramanujan Fellowship grant to Doon University.

## Student Achievements:

- Ms. Ina Rayal completed the IUAC summer school at Delhi with the title "Properties of gamma rays studied using a Clover detector", on June 30.
- Mr. Maulik Uniyal won the state level chess champion ship in under 19 categories.
- Mr. Maulik Uniyal participated in the inter state Chess championship.
- Mr. Kuldeep Kargeti, 1<sup>st</sup> year M. Sc. Physics student got the best oral presentation award at 5th IAPT (Indian association of physics teachers) student symposium held at punjab university (Chandigarh) on the *topic "synthesis of Ni-Fe-Al alloy and characteristic study of their FSMA nature"*
- Ms. Ina Rayal got was the part of the winner's team (Doon University) in The Great Britain Debate 2017-18, conducted by the British High Commission, New Delhi, co-hosted by School of Business, University of Petroleum and Energy Studies, Dehradun on the 30th of January, 2018
- Mr. Vishal Bhushan, PhD student of the Department got the leadership award at IRDE (DRDO lab)
- Ms. Priyanka Bamola contributed in a poster presented in the conference AMN-2018, held in IIIT, Noida during 15-17 March, 2018: **P. Bamola**, H. Sharma, Exotic metal nanoparticles-one dimensional TiO<sub>2</sub> nanotubes for light harvesting applications. Influence of boron doping on photo physical properties of titania.

## Other activities:

Three events under the umbrella of **Doon Science club**:

- 1 Exotic Carbon Nanostructures and their applications” on 21<sup>st</sup> April at Room no. 306, AB-III building, Doon University By Professor V. D. Vankar, retired professor from IIT Delhi. April 21, 2017
- 2 Remembering Kalam on October 15, 2017.

On the birth anniversary of Dr. A. P. J. Abdul Kalam, a public lecture and a ceremony was organized. On this occasion Professor Dheerendra Sharma, Dr. Sarnam Singh, IRIS, Dr. A. K. Gupta former Director IRDE, Dehradun and Prof. Kusum Arunachalam delivered speech to the audience. The students participated in a discussion on the “Use of Nuclear Energy” on this occasion. October 15, 2017

Lecture on Nobel Prize- 2017 in Physics by Professor S. R. Verma, Principal, DBS College, Dehradun.

## SYNOPSIS

Nobel Prize 2017 Physics was awarded to **Rainer Weiss (half)**, the other half jointly to **Barry C. Barish** and **Kip S. Thorne** “*For decisive contributions to the LIGO detector and the observation of gravitational waves*”.

### 6.8.3 Department of Computer Science

Department of Computer Science in Doon University came into existence in the year 2015 as a part of School of Physical Sciences. In pursuit of excellence in teaching and research, the department aims to be recognized as a scientifically and technologically advanced center by imparting quality education, theoretical as well as practical, in the field of Computer Science.

**Vision:** Students become innovative leaders in the field of Computer Science and faculty be recognized for their passion for teaching and quality research, thereby establishing a unique identity.

### Mission:

- To provide quality education in both theoretical and applied foundations of CS.
- To establish a research center with excellence at par with global standards.

**About the Programmes:** Currently, the department offers a 5-year Integrated M.Sc. program in Computer Science. During the course of the program, the students will develop deep discipline-specific knowledge as well as the skills required for graduate level employment. Our 5-year integrated programme of M.Sc. (Computer Science) has been designed as per the CBCS (Choice Based Credit System) pattern in close accordance with models prepared by the UGC. A varied range of elective courses supplements the core courses across departments of the university. Interdepartmental credit transfers encourage inter-disciplinary learning. Students have an option of exiting the programme after 3 years with an Honors degree in B.Sc. (Computer Science). Various computational subjects are of industrial relevance and at the same time required at the forefront of pursuing a research career in Computer Science.

## Faculty Members

Name	Designation	Duration
Ms. Rachana Gusain	Assistant Professor (In-charge)	August'15 to till date
Mr. Vikash Kumar	Assistant Professor (On Contract)	September'17 to December'17
Mr. Vineet Saini	Assistant Professor (On Contract)	January'18 to till date
Mr. Rishab Kumar	Assistant Professor (On Contract)	January'18 to April'18

## Number of Students admitted during Academic Session 2017-18

Name of the Programme	Total Seats	Total No of Students Admitted		
		Male	Female	Total
Integrated M.Sc. (Computer Science)	40	17	17	34

## Departmental Activities

### 1. National Technology Day 2017

CS department and SOT celebrated National Technology Day on 11 May 2017 by organizing various competitive events in the field of Information Technology. Following the inaugural session by Hon'ble Vice-Chancellor Prof. V.K. Jain, events based on programming (CodeC), database (SQL Samurai), modeling (YouML) and presentations (TechPresent) were organized.

### 2. The Second Semiannual Computer Science Quiz Contest

Computer Science Club organized the second semiannual Computer Science Quiz Contest (CSQC-2) on 10 November 2017. It was based on the theme "Digital India." The purpose of the quiz was to develop awareness on different aspects of Digital India programme being promoted by the Government of India. The quiz contest was open to all the students of Doon University. 117 students from various departments and schools participated in the quiz contest. Certificate of participation was awarded to all the participants, and prizes were given to top 3 students.

### 3. Workshop on "Internet of Things"

A two days' workshop on "Internet of Things" was organized by the Department of Computer Science (SoPS) in association with Techtrunk Ventures Pvt. Ltd. on 21 – 22 November 2017. A total of 64 students from Computer Science, Computer Applications and Physics departments participated in the workshop. Two training experts from Techtrunk delivered lectures and provided hands-on training to the students on the following topics:

- Scope and job market of IoT
- Applications of IoT in Industry, Home, and Smart Cities
- Interfacing and Programming of various sensors and modules with Arduino and Rpi

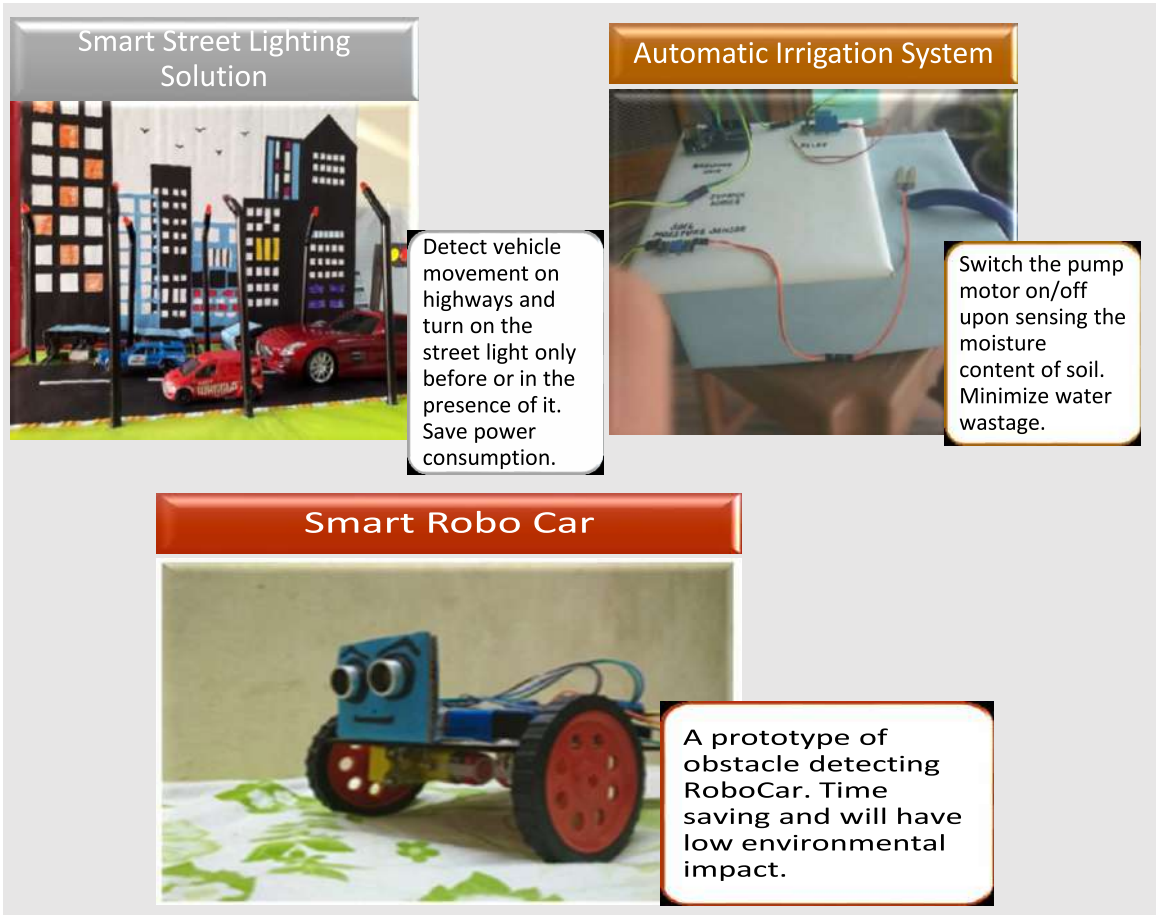
## IoT Lab in Computer Science Department:

The Internet of Things is the latest big buzz around the globe. It is in demand technology, which is closest to today's lifestyle. It is based on machine-to-machine communication, cloud computing and network of data gathering

sensors. The basic motto behind IoT is that it assures that it will make everything from a light bulb to railway stations “smart.”

Keeping up with the global trends, Department of Computer Science established an IoT lab in session 2017-18 to foster innovation by the students. Currently, IoT Lab is catering to students by providing necessary instruments and gadgets like Arduino Uno, Raspberry Pi 3b, RPi camera module, Temperature sensor, Bluetooth and Wi-Fi modules, soldering equipment and various sensors for Arduino and Raspberry Pi.

Students of batch 2016 and 2017 have developed various IoT projects under embedded system course, which helped them to gain insight of the field.



IoT projects developed by Integrated M.Sc. (Computer Science), Batch 2017 students

## Students' Activities

- Abhishek Chand, third-year student of Integrated M.Sc. (CS), secured first position in CodeC – Let us see your C and SQL Samurai – Drill into Database events organized on National Technology Day, 11 May 2017 by Department of Computer Science and School of Technology.
- Bablu Kumar Singh, second-year student of Integrated M.Sc. (CS), secured first position in the Constitution Quiz organized by Empowerment and Social Development Cell on the occasion of Constitution Day.
- Many students from Computer Science department participated in the Bazm Festival held from 26 – 29 October 2017 organized by the Cultural Committee, Doon University.
- Prabhjot Kaur, first-year student of Integrated M.Sc. (CS), stood third in OnSpot Mono Acting (Air Crash).
- Abhijeet Saxena, second-year student of Integrated M.Sc. (CS), secured third position in Saptak.
- Megha Rawat performed solo dance; Shamli Prasad participated in the essay writing competition; Saloni Prasad in Hindi Poetry recitation; Manika Panwar participated in Kriti (Rangoli Making); Tarun Sharma in Aks (Photography); Aditya Sissodiya in Ninad (Instrumental) and Jhankar (Band Competition). Abhishek Chand and Lokinder Singh Rana were the department representatives for Prashnottor (Quiz) event.
- Prabhjot Kaur and Tanishqa are cadets at NCC UK 11 Girls' Battalion.
- Siddhartha Ghildiyal, first-year student of Integrated M.Sc. (CS), secured first position in University Level Badminton – Singles, Doubles and Mix Doubles.
- Abhijeet Saxena, second-year student of Integrated M.Sc. (CS), secured third position in CSQC-2 organized by the Computer Science Club on 10 November 2017.
- Abhijeet Saxena secured first position in Photography competition organized by School of Environment and Natural Resources (SENR), Doon University.
- Abhijeet Saxena successfully completed several internship programs – Web Development Internship at Woomeki Society, Greater Noida; Digital Marketing Internship at DevStringX Technologies, Noida; Campus Ambassador Internship for E-summit 2018 organized at IIT Roorkee.
- Abhijeet Saxena and Bablu Kumar Singh, second-year students of Integrated M.Sc. (CS), got selected for the initial phase of Google India Scholarship for Front-end Web Development. Both of them were also selected for “Digital Champions” program offered by Reliance Jio Infocomm Limited.
- Bablu Kumar Singh got paper titled “Diverging Aspirations of Indian Youth and Challenges” published in National Youth Conference held at Govind Ballabh Pant University of Agriculture and Technology, Pantnagar during 12-13 January'18.
- Bablu Kumar Singh got selected as Campus Ambassador for Pravega'18 (IISc Bangalore), Tryst'18 (IIT Delhi), Aparoksha'18 (IIIT Allahabad), TechKriti'18 (NIT, Delhi), MANFEST'18 (Doon Business School, Dehradun) and Srijan (IIT (ISM) Dhanbad). He also succeeded in securing second position in Campus Ambassador Competition at MANFEST'18 at Doon Business School, Dehradun.



- Bablu Kumar Singh volunteered ASER 2018 for surveying the education level of children under age group of 14-18 in the rural areas of Dehradun and Chakrata, Uttarakhand.
- Doon University in collaboration with Vigyan Bharti celebrated National Science Day on February 26, 2018. Students from School of Physical Sciences actively participated and organized various events like quiz, elocution, etc. Computer Science students also participated in Science Exhibition and displayed two projects – Smart Street Lighting Solution and Obstacle Detecting RoboCar.
- **Smart Street Lighting Solution:** Plenty of energy is wasted in lighting solutions. This can be saved by implementing sensors, which can detect the presence of vehicles and people and turn on the lights only before or in presence of the vehicle. The project displayed by the group (Akshita Saxena, Poonam Arya, and Teena Chaudhary) used various equipment like Arduino Uno, IR sensor, and LEDs.
- **Obstacle Detecting RoboCar:** In the time of self-driving cars, it is important to implant proficient systems, which can avoid collision. A prototype system is developed by a group of CS students (Kamal Singh, Vidhi Pant, and Janvi Gusain) using Ultrasonic sensor and Arduino Uno microcontrollers. The group was awarded certificate and prize for securing second position in the Science Exhibition.



Bablu Kumar Singh: Quiz Master of Ignus Science Quiz Competition on National Science Day

## 6.8.4 Department of Chemistry



Department of Chemistry was launched in year 2015. First and the only academic programme offered by the Department in this year was integrated M.Sc. in chemistry. Ph.D. in chemistry is the other programme which is also offered by the department nowadays. 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.

**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 21<sup>st</sup> 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.

## Faculty Members

Faculty	Designation
Dr. Arun Kumar	Assistant Professor (I/C, HoD)
Dr. Charu Dwivedi	Assistant Professor
Dr. Shipra Nagar	Assistant Professor (On Contract)
Dr. Sushil Kumar	DST-Inspire Faculty
Prof. Ajay K. Singh	Adjunct Faculty

### Number of Students:

admitted in each programme during Academic Session 2017–18 (male & female)

Name of the Programme	Total Seats	No. of Students	No. of Male	No. of Female Students
M.Sc. Integrated (I year): 2017 Batch	40	35	13	22
M.Sc. Integrated (II year): 2016 Batch	40	29	08	21
M.Sc. Integrated (III year): 2015 Batch	40	28	07	21
Ph.D. Chemistry	40	03	00	03

### 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 are being established by utilizing research grants of all the three faculty members viz. Dr. Arun Kumar, Dr. Charu Dwivedi and Dr. Sushil Kumar. Procurement of some modern and advanced equipments, is under process. Some other instruments will also be procured utilizing RUSA 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, 2016. Key areas of focus of research in the department at present are:

- Development of molecular and nanocatalysts and exploration of their applications in various chemical transformations.
- Importance of different light activated metal nitrosyl complexes in photodynamic therapy
- Photoactivation of dioxygen molecule using Fe-TPA complexes linked with ruthenium based photosensitizer
- Polymer based drug delivery systems, photocatalysis and applications of nanoparticles in water remediation

## List of Pre Ph.D. courses offered by the department:

- Research Methodology
- Molecules and Materials: Designing and Characterization
- Basics of Polymer Chemistry
- Catalysts for Chemical Transformation
- Applications of Macromolecules and Nanomaterials
- Bioinorganic and Organometallic Chemistry
- Seminar
- Statistics and Computer Applications
- Spectroscopic and Spectrometric Methods
- Green Chemistry
- Applied Polymer Science
- Bonding and Research Mechanism in Transition Metal Complexes
- Synthetic Strategies and Asymmetric Syntheses

## Publications: Publications in International Journals:

- C. Dwivedi, A. Chaudhary, S. Srivasan and C.K. Nandi. Polymer Stabilized Bimetallic Alloy Nanoparticles: *Synthesis and Catalytic Application*. **Colloid and Interface Sc. Commun.**, 24 (2018) 62-67.
- R. Maurya, **S. Naithani**, D. Bandyopadhyay, N. Choudhary and G.B. Dutt. *Is Solute Rotation in an Ionic Liquid Influenced by the Addition of Glucose?* **J. Phys. Chem. B**, **2017**, 121 (48), 10965–10973. (Impact Factor: 3.177)
- I. Das Sen, **C. Negi** and R.V. Jayaram. *Effect of Cerium (III) and Ionic Liquids on the Clouding Behaviour of Triton X-100 Micelles*. **AIP. Conf. Proc.** 1942, 080022-1-080022-4; <https://doi.org/10.1063/1.5028856>.

## Invited Lectures/Papers presented in Conference/Seminar:

- Dr. Arun Kumar, Head (I/C), Department of Chemistry, delivered an invited lecture entitled “*Advanced analysis involved in characterization of newly synthesized organochalcogen compounds and molecular and nano-catalysts of palladium: application in the catalytic chemical transformations*” in International Conference on Advances in Analytical Sciences (ICAAS), held at CSIR-Indian Institute of Petroleum (IIP) Dehradun during 15–17 Mar 2018.
- Dr. Arun Kumar participated in a one-day seminar on '*Linking R & D with stakeholders & Entrepreneurs*' as an expert at Chemistry Division, Forest Research Institute (FRI), Dehradun FRI, Dehradun on March 14, 2018.
- Dr. Charu Dwivedi attended International Conference on Functional Nanomaterials and Nanodevices in Budapest, Hungary during September 24–27, 2017. She made an oral presentation entitled, “*Catalytic Degradation of Nitrophenols using Ag-Au and Au-Pt Nanoalloys: A Mechanistic and Kinetic Study*”
- Dr. Sushil Kumar made a presentation entitled '*Photoinduced oxidation of organic substrates using bimolecular assemblies*' in an International Conference on Advances in Analytical Sciences (ICAAS). This conference was held at CSIR-Indian Institute of Petroleum (IIP) Dehradun during 15-17 Mar 2018.

### On going Research Projects:

Name of Project Investigator	Title of the Project	Year	Amount Approved/ Sanctioned	Funding Agency
Dr. Arun Kumar	Metal and Metal Chalcogenide Nanoparticles: Catalytic and Sensing Applications	2016	25,91,000	Science and Engineering Research Board (SERB)
Dr. Arun Kumar	Novel Imine Ligands with Tethered P Function: Designing Transition Metal Based Molecular and Nano-Catalysts for Chemical Transformations	2017	Rs. 10,000,00	University Grant Commission (UGC)
Dr. Charu Dwivedi	Catalytic and Photo-Catalytic Applications of Alloy Nanoparticles	2016	10,000,00	University Grant Commission (UGC)
Dr. Sushil Kumar	Photoactivation of Dioxygen Molecule using Fe -TPA Complexes Linked with Ruthenium Based Photosensitizer	2016	Rs 35,000,00 (@Rs 7 lacs per year for 5 years).	Department of Science and Technology (DST) New Delhi

### Students' Participation, Awards and Recognitions:

- Ms. Preeti Oswal, a Ph.D. student of 2017 batch, has been awarded with DST–INSPIRE fellowship for a period of five years.
- Ms. Charu Negi and Mr. Sudhanshu Naithani, students of 6<sup>th</sup> semester of Integrated M.Sc. program in Chemistry, published a research articles in international journals of high repute. The work was carried out by them at a research project under National Initiative of Undergraduate Science (NIUS) at Homi Bhabha Centre for Science Education (HBCSE), located at Tata Institute of Fundamental Research (TIFR) during summer and winter vacations after joining Doon University in very first batch of year 2015 of integrated M.Sc. chemistry. Details of research articles are as follows:
  - R. Maurya, **S. Naithani**, D. Bandyopadhyay, N. Choudhary and G.B. Dutt, 'Is Solute Rotation in an Ionic Liquid Influenced by the Addition of Glucose?' *J. Phys. Chem. B*, **2017**, 121 (48), 10965–10973. (Impact Factor: 3.177) Publisher: American Chemical Society (ACS)
  - Das Sen, **C. Negi** and R.V. Jayaram. *Effect of Cerium (III) and Ionic Liquids on the Clouding Behaviour of Triton X-100 Micelles*. **AIP. Conf. Proc.** 1942, 080022-1-080022-4; <https://doi.org/10.1063/1.5028856>
- Ms. Charu Negi attended and presented a paper in the 62<sup>nd</sup> DAE Solid State Physics Symposium at Bhabha Atomic Research Centre (BARC), during 26-30 December 2017.
- Science Day was celebrated under the aegis of Doon Science Club. Several students of integrated M.Sc. chemistry participated in different activities conducted therein.
  - Ms. Charu Negi, currently a student of VI<sup>th</sup> semester of integrated M.Sc. Chemistry, conducted the whole event including Science Quiz.
  - Ms. Aditi Kainthola and Ms. Kriti Bijalwan, currently students of IV<sup>th</sup> Semester of integrated M.Sc. chemistry, assisted Ms. Charu Negi to coordinated the program, and participated in the science exhibition.

- (iii) Live demonstration of an experiment entitled "*Natural dyes: Their effects on different kinds of fabrics and their applications*" made jointly by Ms. Aditi Kainthola and Ms. Kriti Bijalwan was highly appreciated and they secured First Rank for this demonstration.
- (iv) Ms. Kriti Bijalwan and Ms. Aditi Kainthola, students of 4<sup>th</sup> semester of integrated M.Sc. program in chemistry, won 1<sup>st</sup> prize (Gold Medal) for innovative science exhibition held in Doon University on the occasion of science day on 28 February 2018.
- (i) Divya Thapa, another student of V<sup>th</sup> semester of integrated M.Sc. chemistry participated in Science Quiz.
- (ii) Swati Jakhmola and Smriti Negi, students of IV<sup>th</sup> semester of integrated M.Sc. chemistry participated in the exhibition. Smriti Negi secured Second Rank in the exhibition.
- (iii) Abhishek Negi, a student of second semester of integrated M.Sc. chemistry, participated in the elocution during Science Day Celebration.
- Dhriti Tiwari, a student of 2<sup>nd</sup> semester of integrated M.Sc. chemistry, participated in CUFEST 2018 at Chandigarh University during 8-10 Feb 2018. The activity in which she participated was War of the Bands.
  - Upon invitation of Chemistry Department of Indian Institute of Technology (I.I.T.) Roorkee, thirty-seven (37) students, belonging to year 2015, 2016 and 2017 batches of integrated M.Sc. Chemistry program, attended a three-day Science Academics' Lecture Workshop on "*Emerging Trends in Bioinorganic Chemistry*" during the period of March 8–10, 2018 at IIT Roorkee. In this workshop, the learned academicians from IISc Bangalore, IIT Bombay, IIT Kanpur, Bharathidasan University, Madurai Kamraj University and IIT Roorkee as resource persons delivered the lectures in the frontier fields of Bioinorganic Chemistry. The details of such students are as follows:

2015 Batch	2016 Batch	2017 Batch
[1] Diksha Dangwal	[1] Aditi Kainthola	[1] Sakshi Semwal
[2] Divya Thapa	[2] Kriti Bijalwan	[2] Sindhuja Joshi
[3] Sudhanshu Naithani	[3] Swati Jakhmola	[3] Sandhaya Rawat
[4] Siddhant Singh	[4] Komal Dagar	[4] Neeta Rawat
[5] Anupama Tyagi	[5] Smriti Negi	[5] Dhriti Tiwari
[6] Swati Rawat	[6] Vaibhav Singh Gusain	[6] Astha Raj
[7] Prachi Bhatt	[7] Aman Atulya Rawat	[7] Saumya Barnwal
		[8] Varsha Ghildiyal
		[9] Abhishek Negi
		[10] Abhishek Raturi
		[11] Praveen Kumar
		[12] Mohit Khantwal
		[13] Gaurav Rawat
		[14] Aisha Thapliyal
		[15] Anjali Kendri
		[16] Ritika Kapoor



- Ms. Aayushi Arora and Preeti Oswal attended a three-day International Conference on *Advances in Analytical Sciences (ICAAS)* and also made presentations in aforesaid International Conference, held at CSIR-Indian Institute of Petroleum (IIP) Dehradun during 15–17 Mar 2018. Title of presentation made by Aayushi Arora was “*Synthesis and characterization of pyrene based Pd(II) complex: application in Heck coupling reaction*”, while that of Preeti Oswal was “*Selenated Schiff base and its Pd(II) complex: synthesis and application for Heck reaction*”
- Ms. Aayushi Arora attended international conference at Indian Institute of Technology, Roorkee during 6<sup>th</sup> to 8<sup>th</sup> December, 2017 and presented a poster entitled “*Secondary amines with organochalcogen donors as a stabilizer for development of catalytically active and recyclable palladium nanoparticles.*”
- Ms. Charu Negi, a student in 5<sup>th</sup> semester of integrated M.Sc. program in chemistry, organized student's day on 15<sup>th</sup> October 2017.
- Ms. Kriti Bijalwan and Ms. Aditi Kainthola, students of 4<sup>th</sup> semester of integrated M.Sc. program in chemistry, made a presentation on a topic related to 'Nobel Prize 2017' on the occasion of Student's Day on 15<sup>th</sup> October 2017.
- Ms. Aayushi Arora, a student of Ph. D. Chemistry attended open day at Indian Institute of Petroleum Dehradun on 25<sup>th</sup> September 2017.
- Ms. Saumya Baranwal, a student of 2017 batch of integrated M.Sc. program in chemistry, was selected by Homi Bhabha Centre for Science Education (HBCSE) under NIUS Chemistry. She attended one-week camp during 22 to 29<sup>th</sup> December to 2017.
- Ms. Kriti Bijalwan and Ms. Aditi Kainthola, students of 4<sup>th</sup> semester of Integrated M.Sc. program in chemistry serve as volunteers in co-ordination of national science day in Doon University in association with 'VIBHA'.
- Sudhanshu Naithani, a student in 6<sup>th</sup> semester of Integrated M.Sc. program in Chemistry, secured a good rank in Joint Admission Test for M.Sc. (JAM) 2018.

### Other academic/research activities:

- A lecture on applications of nanomedicines was delivered by Dr. Ajeet Kumar Kaushik, Assistant Professor, Florida International University, Miami, FL, USA. This lecture was highly motivating for students and also drawn media attention. It was covered and highlighted in various daily hindi news papers, such as Dainik Jagran, Hindustan, etc.
- Two faculty members of Department of Chemistry (Dr. Charu Dwivedi and Dr. Sushil Kumar) who were invited by Homi Bhabha Centre for Science Education, located at Tata Institute of Fundamental Research (TIFR), participated in Resource Generation Camp. It was organized for training and framing of high quality chemistry questions (Olympiad Level) at Homi Bhabha Centre for Science Education (HBCSE) by Association of Chemistry Teachers (ACT). Duration of the camp was 03 days. The international Olympiad movement is aimed at bringing the most gifted secondary and higher secondary students of the world together in a friendly competition of the highest level. The Olympiads do not lead directly to any career benefits; rather, they provide a stimulus to begin a career in science or mathematics, to undertake a lifelong journey into the realms of exciting intellectual challenges. The Olympiads are not merely competitions, they are the meeting places of the brightest young minds of the world, and many friendships forged at the Olympiads form the seeds of scientific collaboration later in life. Much like the Olympics in sports, the Olympiads are a celebration of the very best in school level science and mathematics. A major national Olympiad programme in basic sciences and mathematics which connects to the international Olympiads is in operation in India. The Homi Bhabha Centre for Science Education (HBCSE) is the nodal centre of the country for this programme. The programme aims at promoting excellence in science and mathematics among pre-university students. Among the sciences, the Olympiad programme in Astronomy (junior and senior level), Biology, Chemistry, Junior Science and Physics is a five stage process for each subject separately.

- Dr. Sushil Kumar made a presentation entitled '*Photoinduced oxidation of organic substrates using bimolecular assemblies*' in an International Conference on Advances in Analytical Sciences (ICAAS). This conference was held at CSIR-Indian Institute of Petroleum (IIP) Dehradun during 15-17 Mar 2018.
- Dr. Charu Dwivedi was invited to deliver a lecture entitled "Bimetallic Ag-Au alloy nanoparticles as potential wound dressing agent: Synthesis, Characterization and toxicity studies" in an international conference ICMAT in Singapore during 18–22 June 2017. Though she could not visit Singapore, abstract of the lecture was published in the abstract book.

## 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 various initiatives; the University Administrative Staff for its unstinted co-operation and help and finally the Faculty and staff that has had occasion to be serving the Centre, in whatever capacity. The Centre looks forward to be a key player in the endeavours of the University to become a major Centre of Excellence in many disciplines of Higher Education, Action-Research and related field both in the state of Uttarakhand and the World.

The Centre also renews its request for support of one and all to help it become a Centre of Excellence in the fields of Sustainable Mountain Development & Public Policy as it enters its second phase of internal consolidation and out-reach, during the next two years (2015-16 and 2016-17).

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|---|--|
| • <b>Centre for Public Policy Staff</b> | <b>Contact</b>   |
| • Mr. Ajay Bisht                        | <b>Tel.</b> + 91 135 2533142<br>+ 91 135 2533138           |
| • Mr. Dhiraj Rawat                      | <b>Fax.</b> + 91 135 2533115<br><b>Web.</b> 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 12<sup>th</sup> 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 Panning 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; 30<sup>th</sup> November, 2015, Vigyan Bhawan, New Delhi); and a Working Group on North Eastern States and Hill States, on 23<sup>rd</sup> 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,

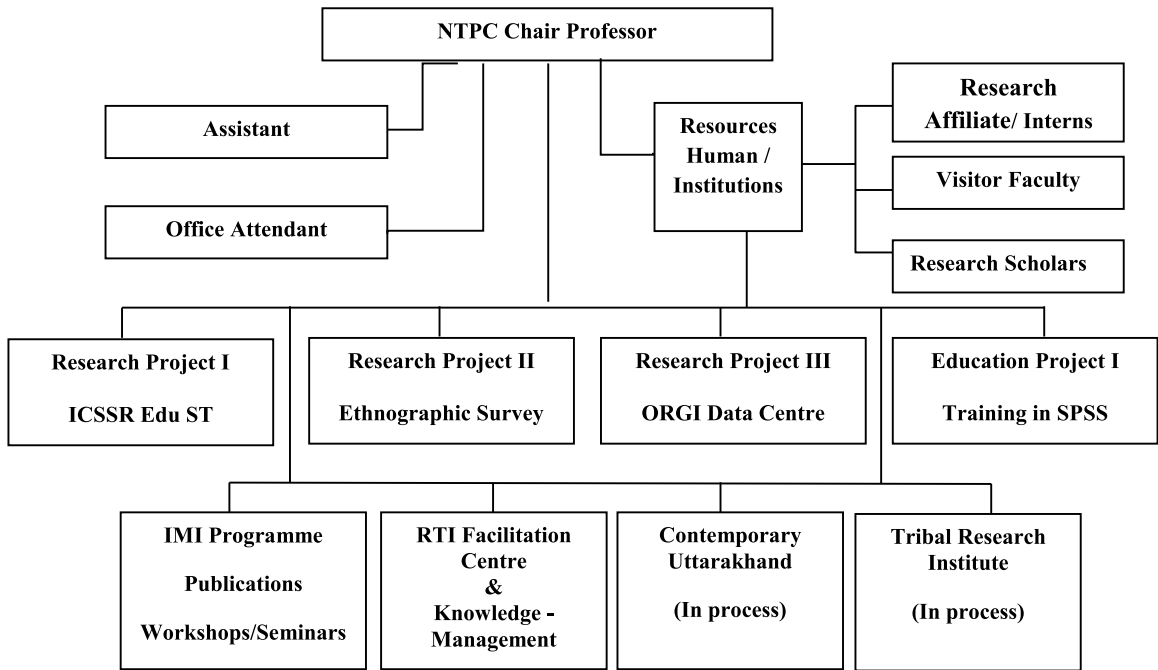
2015, respectively, with senior national and international bodies connected with mountain development; or proceedings of national events connected with mountain –development ( Indian Mountain Cities and National Workshop on Mountain Cities; held at Mussoorie, 19-20 Jan, 2014); or compilation of status 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 session's ad 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**



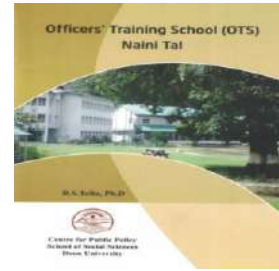
 <p><b>A Planning Frame-work for the Mountain States of India</b></p>	 <p><b>Policy Makers' Dialogue on Compensating Mountain States</b></p>	 <p><b>ICSSR Study of Educational Status of STs of Himanchal Pradesh</b></p>
 <p><b>Pro-Poor Policy Analysis for Adaptation</b></p>	 <p><b>Policy Makers' Dialogue on Proceedings of National Workshop on Mountain Cities</b></p>	 <p><b>Centre for Public Policy Annual Report 2013-15</b></p>



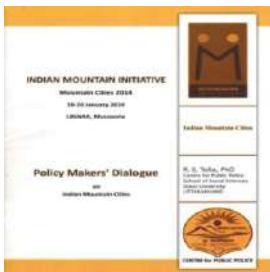
**Policy Makers' Dialogue on Appropriateness of Centrally Sponsored Schemes and Other Programmes for Indian Mountain States**



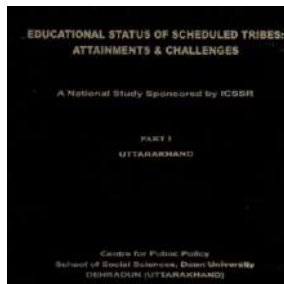
**Policy Makers' Dialogue on Safer and Sustainable Mountains**



**Officers' Training School (OTS) Naini Tal**

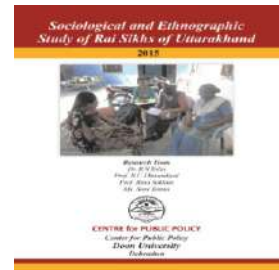


**Policy Makers' Dialogue on Indian Mountain Cities**

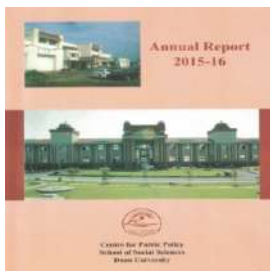


**ICSSR Study of Educational Status of STs of Uttarakhand**

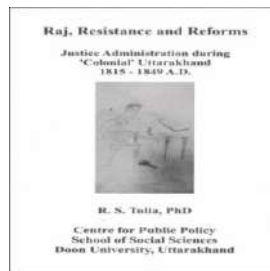
**Sociological and Ethnographic**



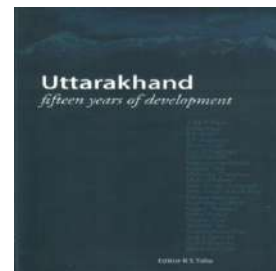
**Study of Rai Sikhs of Uttarakhand**



**Centre for Public Policy Annual Report 2015-16**



**Raj, Resistance and Reforms**



**Uttarakhand fifteen years of development**



## 7. Doon University Library

### 7.1 About the Library

The Central Library of Doon University plays a vital role in supporting, teaching and learning activities of the University. The Library offers a rich collection of resources in both physical and digital format across a broad spectrum of disciplines studied in the university. The library is committed to helping the academic in their information need and to keep them abreast with the latest development of their area of interest. The library is using the newest version of Library Software LibSys for its housekeeping operations and services. Entire library premises are connected with CCTV and Wi-Fi.

### 7.2 Progress during the period April-2017 to March-2018

The library made significant progress during the period. On 31st March 2018 besides holding a print collection of 22473 Books, 74 periodicals, 125 CD's, and 432 dissertations/projects, the library is also providing access to more than 6000 online journals procured by the library and the journals received through E-Shodh Sindhu (ESS) consortia.

### 7.3 Collection Development during the period of 1 April 2017 to 31 March 2018

The Library has purchased 2887 books related to the course studied in the University; the library also managed to convince different organizations, societies, NGO's and individual to donate books to the library which resulted receiving 2045 books through a gift. The details of the other documents are as follows:

Sl. No	Collection	Total collection as on 31 March, 2017	Added During the financial year 17-18	Total collection as on 31 March, 2018
1.	Books	16232	2887	19119
2.	Competitive Exam books	201	120	321
3.	Book bank	988	0	988
4.	Gifted Books	830	1057	2045
5.	Print Journals &Magazines	74	00	74
6.	E-Journals subscribed	156	-126	30
7.	E-Journals Though ESS	6151	00	6151
8.	Bound volume Journals	355	132	487
9.	CD/DVD	125	0	125
10.	Dissertations/ Projects	412	20	432
11.	Maps	17	0	17
12.	Newspapers	16	1	17

Table 1.1

### 7.4 Subject wise New Books procured in the Library

During the period the library was more focusing in the collection building of the School of Physical Science which comprise the dept. of Physics, Chemistry, Mathematics and Computer Science; these departments are relatively new and required extra attention regarding the collection development. The subject wise collection of the books procured in the financial year are as follows:

Sl. No	Subjects	No of Books
1.	Management	105
2.	Economics	37
3.	Communication studies	78
4.	Environment Science and Natural Resources	40
5.	Physics	580
6.	Chemistry	301
7.	Mathematics	400
8.	Computer Science	655
9.	Design	28
10.	English	36
11.	French Studies	52
12.	German Studies	20
13.	Spanish Studies	20
14.	Japanese Studies	34
15.	Himalaya Collection under RUSA	149
16.	Competition Exam related Books	120
17.	General Books	232

**Table 2.1**

### 7.5 Books Issue/Consulted Details of different section of the Library:

The Library is using Library Management Software LibSys for its housekeeping operations; the transactions of books are also done using the LMS with the integration of Barcode technology. The following table depicts the month wise issue details of the books from the Library. The highest number of books were issued in September 2017 (5085) followed by November 2017 (4441) and May 2017 (3026).

Month	Circulation Section	Book Bank	Reference	Total
April 2017	1975	30	303	2308
May 2017	2686	20	320	3026
June 2017	200	0	43	243
July 2017	145	0	13	158
August 2017	2206	8	626	2840
September 2017	4141	84	860	5085
October 2017	1986	7	370	2363
November 2017	3769	19	653	4441
December 2017	1980	17	253	2250
January 2018	1192	9	50	1251
February 2018	2336	17	233	2586
March 2018	3214	28	310	3552
<b>Total</b>	<b>25830</b>	<b>239</b>	<b>4034</b>	<b>2308</b>

**Table: 3.1**

- Average Number of books issued (per day) from Circulation Section =  $25830 / (365-52-33) = 92.25$  Books
  - Average Number of books issued (per day) from Reference Section =  $4034/355=11.36$  Books
  - Average Number of books issued (per day) from Book Bank =  $239/(365-52-33)=0.85$  Books
- Total average number of books issued (per day) from the Library =104.46**

## 7.6 Books returned details

The following table depicts the books returned details of the Library, the highest number of books were returned in the month of the November 2017 (7802) followed by March 2018 (6946) and May 2017 (5875).

Month	Circulation Section	Book Bank	Reference	Total
April 2017	1958	00	303	4236
May 2017	2839	30	320	5875
June 2017	578	12	43	833
July 2017	184	02	13	344
August 2017	1415	03	626	4250
September 2017	4140	00	860	9141
October 2017	2074	00	370	4430
November 2017	3372	08	653	7802
December 2017	2926	92	253	5251
January 2018	735	02	50	1978
February 2018	2283	11	233	4863
March 2018	3406	16	310	6946
<b>Total</b>	25910	176	4034	

**Table 4.1**

- Average Number of books check-in (per day) from Circulation Section =  $25910 / (365-52-33) = 92.53$  Books
  - Average Number of books check-in (per day) from Reference Section =  $4034/355=11.36$  Books
  - Average Number of books check-in (per day) from Book Bank =  $176/(365-52-33)=0.62$  Books
- Total average number of books check-in (per day) from the Library =104.51**

## 7.7 E-Journals access in the Library:

To provide the latest research development of different subjects the library subscribes to many e-journals and also receive many journals 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.	Economic and Political Weekly	Received Through ESS	01
5.	Emerald	“	133
6.	JSTOR	“	2583
7.	Springer link	“	1438
8.	Taylor and Francis	“	1079
9.	Wiley-Blackwell	“	915
<b>Total</b>			<b>6180</b>
1.	ISID		Database
2.	JCCC (J-Gate)		Database

**Table:5.1**

## 7.8 Usage of E-Journals: Download/Searches

The Library successfully provided the online access of e-journals procured by the Library and received through UGC -INFONET. Following is the title wise usage (Download/search) statistics of the journals receive through ESS. The usage was highest in August 2017 (2351) followed by November 2017 (1990) and April 2017 (1888). The JSTOR is the most used database of among the journals receive through ESS.

Month	Emerald	JSTOR	Springer link	Tylor and Francis	Wiley-Blackwell	Total
<b>April 2017</b>	55	1369	320	69	75	1888
<b>May 2017</b>	07	1217	236	139	84	1683
<b>June 2017</b>	34	403	146	74	50	707
<b>July 2017</b>	29	182	178	75	48	512
<b>August 2017</b>	1087	923	195	77	69	2351
<b>September 2017</b>	116	705	209	108	86	1224
<b>October 2017</b>	107	197	179	55	61	599
<b>November 2017</b>	25	1587	251	63	64	1990
<b>December 2017</b>	25	997	145	56	49	1272
<b>January 2018</b>	78	197	206	69	61	611
<b>February 2018</b>	37	501	150	120	Discontinued	808
<b>March 2018</b>	25	593	254	197	Discontinued	1069
<b>Total</b>	<b>1625</b>	<b>8871</b>	<b>2469</b>	<b>1102</b>	<b>647</b>	<b>1625</b>

**Table: 6.1**

## 7.9 Footfall in the Library:

The chart shows the month wise average footfall in the Library; the data indicate that before and during the semester exams the library is very actively utilized by the students. On an average 162 users visited the library each day between the April 2017 to March 2018 period.

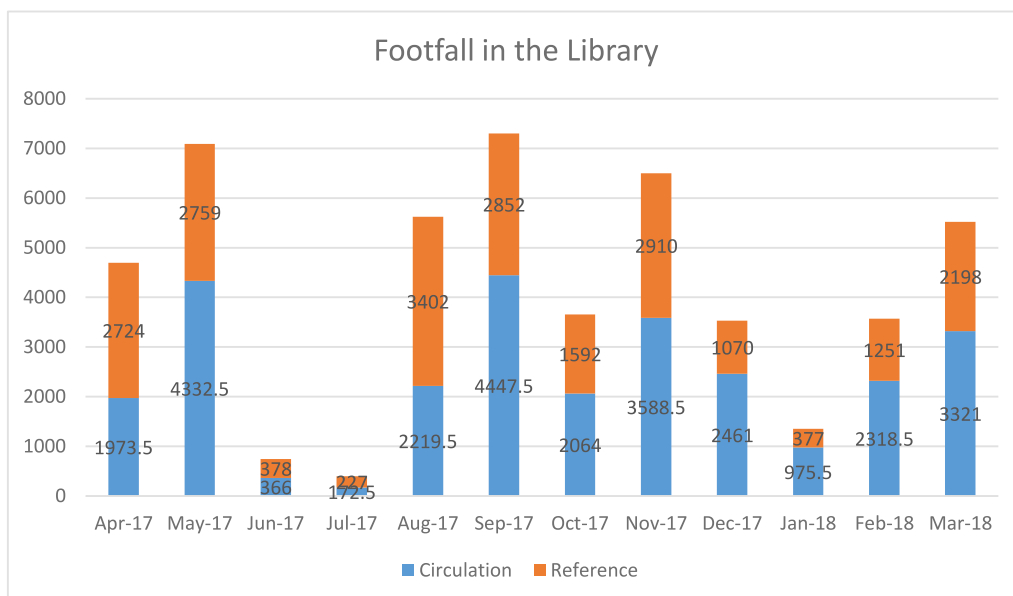


Chart: 7.1

## 7.10 Significant developments during the period

**A. Library Orientation:** The new academic session of the University started in the month of the August. Accordingly, the Library also prepared itself to serve the newly enrolled students. Learning with the experience of last few years, this year the Library has started the School wise “Library Orientation Session”. The Session includes a multimedia presentation about the library resources, library services, do's and don'ts while using the library, and how a student can best utilize the library and a practical demonstration of "How to access the Library Databases". The Assistant Librarian has taken this session with the newly enrolled students in the different classroom and at the Senate hall.

**B. Online Library Membership form:** In its continuous efforts to implement the ICT in the different activities of the Library, the Central Library developed a mechanism of "Online Library Membership Form". The Mechanism is developed using Google Form and QR Code technology. The Google Form is used to design and developed online membership form as well as creating the database and QR Code technology is used to provide access point of the membership form by scanning the QR code through the phone. The results of the mechanism are encouraging, and it has reduced the total time and energy used for generating a library membership form. The Mechanism is developed at zero cost with the help of free software.

**C. Implementation of QR for different services:** The Quick Response Code technology (QR Code) is one of the underutilized technologies in the field of Library services. The Central Library has worked in this area and found that the technology can be used in many areas of the Library to disseminate

the information through the mobile phone. The Library has started implementation the QR Code technology and successfully implemented in the online-form submission, shelf management system, feedback system, and to access the back volume of some print journals.

**D. Books donated by Prof. Balasubramanyam:** In August 2017 the Library received the Information that Prof. Balasubramanyam of the IIT Mandi professor of German Studies and earlier served IIT Madras and JNU, is retiring from the IIT Mandi and he wishes to donate his personal collection of books to some library. The Library approached him and successfully convinced him to donate his collection of books to the Central Library, Doon University. The Library has received a total of 801 books of German Studies covering almost all the aspects of the German studies. It is roughly estimated that the cost of the books is around 8 to 10 Lakh and almost all of them are imported books. The Library is delighted to have such a collection under his belt and believes that no another library in Uttarakhand has such a rich collection of German Studies.

**E. Books donated by JICA:** The Library convinced Ms Ai Muto, Japanese Language Lecturer of JICA to provide some books on Japanese Studies, as the Library has less books on Japanese studies in comparison to other language subjects, and it is difficult to acquire books of Japanese studies in India. Through the efforts of the Ms Ai Muto and the Library the JICA has donated 184 Japanese language books to the Library in September 2017 and November 2017. The received books are published from Japan and important for the Japanese studies.



## 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 a 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 a 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 requirements 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 servers will be installed in the Data Center. The center will provide all the data of the state to the students,

## 8.7 Language Lab

University has established three multimedia language lab equipped with 20 system 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 suit 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. And international guest house 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 students, faculty and staff members.

## 9. Co-curricular Activities

The following is the list of events from the date 1<sup>st</sup> April, 2017- 31<sup>st</sup> March, that were organized by the various Cultural Clubs that have been formulated under the Cultural Committee.

- April 17<sup>th</sup>, 2017-** Doon University organized a classical Indian music programme in collaboration with SPIC MACAY. It was a Hindustani Vocal recital by Tulika Ghosh who belongs to a family of legendary musicians. Tulika Ghosh is the daughter of *Padmashri* Pt Nikhil Ghosh, niece of the Flute legend Pt Pannalal Ghosh.
- April 23<sup>rd</sup>, 2017-** In collaboration with 'क' से कविता group, The Cultural Committee, Doon University organized the annual celebration event of 'क' से कविता, an ongoing literary event from past one year all over India. We are associated with the group from last three months. Also, organized two of its poetry recitation session within the campus itself. Prominent poets Arun Dev and Mr. Manish Gupta hold an interactive session on the creative part of poetry writing. Ms. Geeta Gairola, Ms Pratibha Katiyar, Mr. Lokesh Ohri, Mr. Subhash Rawat (from 'K' se kavita) Mr. Anand Prakash, Mr. Mohan Godbole and others were the part of the event. They recited poetry of the sfamous poets. Famous Uttarakhand Folk Artist Narendra Singh Negiwas also present in the event.
- April 29<sup>th</sup>, 2017-** The Theatre club, Cultural Committee Presented a Play- '*Udaipur ki train*', which was a comic satire on the working of Railway and the way people create nuisance for it.



- August 14<sup>th</sup>, 2017-** The Literary club of Cultural Committee organized an elocution competition on the topic- *What is Freedom?*

- **August 15<sup>th</sup>, 2017-** the Cultural committee, Doon University celebrated the Independence day. Students of various clubs performed different cultural activities namely mime, dance, instrumental and group song.



- **August 22<sup>nd</sup>, 2017-**The cultural committee organized a **cultural orientation** programme for the students of the university, in which students were informed about the various clubs of the committee and the past performances of the committee.



- **September 2<sup>nd</sup>, 2017-** the students of cultural committee performed various performances in Dehradun book fair, organized by ministry of human resource development, government of India and department of higher education, Uttarakhand government.
- **September 07<sup>th</sup> -14<sup>th</sup>, 2017-** the Cultural committee organized a “*Pakhwara*” on Hindi Diwas. Students participated in poetry recitation and debate competition.





- **September 29<sup>th</sup>, 2017-** The Cultural Committee performed a group song, a skit and a mime in the university.
- **October 26<sup>th</sup>, 2017-** The Students of Dance Club performed the Uttarakhand folk Dance at the First Inter University Sports Meet organized by Doon University.
- **October 26<sup>th</sup> - 29<sup>th</sup>, 2017-** The Cultural Committee organized the annual fest of Doon University-*Bazm: The fest of the fall...* It was an inter-departmental cultural competition in various categories namely *literary, dance, music, theatre* and *fine arts & photography*. Students from various departments participated in the various categories of competitions.



- **November 2017-** Students of Cultural Committee, Doon University, volunteered in Conference for Improvement in Higher education, organized in our university.
- **November 26<sup>th</sup>, 2017-** The Cultural Committee organized a speech competition on the occasion of The **Constitution Day**.
- **November 26<sup>th</sup>, 2017-** the cultural committee also organized a poetry recitation programme in collaboration with '*ka se kavita*', a Dehradun based poetry club.
- **November, 2017-** The students of cultural committee, Doon University volunteered in International Conference on Himalayan and Climate Change organized by Shri Dev Suman University, hosted in the university.
- **09- 16 January 2018-** Doon University Participated in the 33<sup>rd</sup> AIU North Zone Fest organized by Maharishi Markendeshwar University, Mullana, Ambala. A Contingent of 38 students along with Ms. Aabshar Abbasi, Coordinator, Cultural Committee were the part of It. The University secured the **Second Position** in the Cultural Procession there. Student presented the famous the folk 'Nanda Devi Rajjat' Yatra dance of Uttrakhand during the procession.



Pic: Students performing Nanda Devi Rajjat





Pic: Students Performing Mime at 333<sup>rd</sup> AIU North Zone Fest

- **26<sup>th</sup> January 2018-** The Doon University celebrated the Republic day. Students of different cultural club presented Mime, Group song and Uttrakhand folk dance.
- **30<sup>th</sup> January, 2018-** Students of Doon University Participated in Great Britain Debate 2017-18, Conducted by University of Petroleum and Energy Studies, Dehradun. The Students-Ina Rayal (SoPS) and Ashutosh Shrivastava(SoSS) secured **first Position** in the debate.



- **February, 2018-** Students of Doon university Participated at a cultural fest at Chandigarh University, Chandigarh. The participant Sneha Tomar secured third Position in western solo Dance.
- **March 08<sup>th</sup>, 2018-** On the Occasion of International women's day the theatre club of Cultural committee presented a Nukkad natak- '**Log Kya kahenge!**' at University Campus and at an event organize by '*Aryan Samajik Sangthan*'.



Theatre Club presenting the street play at University campus



Members of theatre club with ‘Aryan Samajik Sangthan’

- **March 19<sup>th</sup>, 2018-** Doon University Participated in the prestigious Dr. Zakir Hussain memorial national Debate Competition on 19<sup>th</sup> March 2018, at Jamia Milia Islamia University, New Delhi. The topic of the debate was- **“This House believe that the millennial generation is post racial”**.

University Secured overall **first Position** in the debate. Also, the First position in Hindi language, and third in English Language. Two teams participated for hindi and English respectively.

Teams were-

- For Hindi- Ujjwal Sharma(SoSS) and Yashi Singh (SoSS)
- For English- Abhinandan Garg (SoSS) and Ashutosh Srivastava(SoSS)

● RNI No. UTTENG/2006/17959 ● Postal Regd No. UA/DO/DDN/597/2014-2016

**16 Garhwal Post** [www.garhwalpost.in](http://www.garhwalpost.in) Dehradun, 22 Mar, 2018 **Dehradun**

## Doon University wins 1st Prize in National Debate Competition

**By OUR STAFF REPORTER**  
**DEHRADUN, 21 Mar:** The Doon University won the first prize in the prestigious 7th edition of the Inter-University National Debate Competition held at Jamia Milia Islamia Central University, New Delhi.

On the basis of overall performance, Doon University was awarded the first prize, which was held by Delhi University, last year. Participating in the ‘Dr Zakir Hussain Memorial Debate’, titled ‘This house believes that the millennial generation is post racial’, the team of Ujjwal Sharma, third year student of BSc, Economics, and Yashi Singh, first year student of German language, won the first prize in Hindi language. Abhinandan Garg, first year student of MA, Spanish Language, and Ashutosh Srivastav, first year student, BSc, Economics, won the third prize in English language. The debate was organised in three languages - Hindi, English and Urdu.

Absaar Abbasi, Cultural Committee Member and Assistant Professor at School of Media and Communication. Doon University, stated that a total of 42 teams participated in the debate competition. Four universities from Uttarakhand, including Doon University and Pantnagar University, participated in the competition. Apart from the trophies, the first prize winning team was awarded Rs 5000 in cash, while third prize winners were awarded Rs 2000.

Expressing happiness and satisfaction at the performance of the students at the national level, Vice Chancellor Dr CS Nautiyal personally congratulated the winners and had a word of encouragement for them. “It is a matter of pride for the Doon University family, in particular, and the state of Uttarakhand, in general, that our students are bringing laurels to the university,” he said, adding that the varsity administration would do everything to promote such competitions and prepare students to meet the challenges of today’s world.

Garhwal Post, 22<sup>nd</sup> March 2018

## 9.2 Sports Activities:

### ***Organization of Uttarakhand Inter University Sports Meet 2017***

Upon the direction of the Hon'ble Governor of the state Dr K K Paul, the first ever Inter State University Sports Meet of Uttarakhand was organized at Doon University between 26th and 29th of October, 2017. Over 800 participants from 11 state universities displayed tremendous enthusiasm to participate in this first ever of its kind sports event. In a rare display of grit and determination, as many as 300 girl students participated in the competition.

The Doon University and Uttarakhand Technical University were given the responsibility for hosting this event which included Kumaun University, Uttarakhand Open University, Sri Dev Suman University, Uttarakhand Ayurved University, GB Pant Agriculture and Technology University, VCSG Uttarakhand Forestry and Horticulture University, HNB Medical Education University and Uttarakhand Sanskrit University. Apart from the teaching, administrative staff and students of the Doon University, over 50 officials from these universities camped at the venue for making the sports competition a huge success.

### ***Participation in National Tournaments***

Last year cricket team of university participated in AIU North Zone Cricket Tournament (men) held at MDU Rohtak during 28-30<sup>th</sup> Nov 2017. The Football team of university took part in AIU North Zone Football Tournament (Men) at Desh Bhagat University, Gobindgarh, Punjab. The team won its first match against team of GNA University, Phagwara on 28<sup>th</sup> Nov, 2017. 55 students took part in Pantnagar inter university sports meet, SPARDHA 2017 during month of November.

### ***Interschool Sports tournaments at Doon University***

During last academic year, the Inter School Tournaments for Football, Cricket, Volleyball (Boys), Table Tennis (Boys and Girls), Basketball (Boys and Girls), Badminton (Boys and Girls) were organized. The events are scattered throughout the academic year, and in these tournaments the teams from each school take part.

## 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 students 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.



## PLACEMENT REPORT 2017-18

The Following companies visited Doon University during the academic session 2017-18: -

- AMAZON, USA, - SOL
- SAGE - SOC, SOM
- LBF - SOL
- HCL - SOL
- ORACLE, USA - SOL
- f) Kalsun International (2 Selected from SOM) - SOM
- Posterity -SOM
- ETV -SOM
- AXA Inc, USA -SOL

More than 75 students were placed in these companies.

## 9.4 Zero Tolerance to Ragging

### Progress Report of Anti Ragging Squad April 01, 2017 to March 31, 2018.

Following were the members of the Anti Ragging Squad during the year 2017-18:

1. Dr. Vikas Sharma (Chairperson)
2. Dr. Prachi Pathak (Member)
3. Dr. Sarita (Member)
4. Mr. Ashish Kumar (Member)
5. Dr. Manoj Bhatt (Member)
6. Mr. Ravi Kumar (Member)
7. Mr. Chatar Singh Bora (Member)

In order to spread the awareness about anti-ragging policies following actions have been taken in the academic year 2017-18.

- 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 visit was made on August 18, 2017 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.
- A skit (Nukkad Natak) was performed in collaboration with the Cultural Committee on September 04, 2017 to spread awareness about the anti-ragging policies of the government.





- A surprise visit was made on October 01, 2017 in the Shivalik (boys') hostel. The anti-ragging squad members interacted with the present students and mentioned about the policies about the anti-ragging policy.
- A surprise visit was made on November 14, 2017 in the Shivalik (boys') hostel. The anti-ragging squad members interacted with the present students and mentioned about the policies about the anti-ragging policy.
- A surprise visit was made on December 14, 2017 in the Shivalik (boys') hostel. The anti-ragging squad members interacted with the present students and mentioned about the policies about the anti-ragging policy.
- A surprise visit was made on March 10, 2018 in the Shivalik (boys') hostel. The anti-ragging squad members interacted with the present students and mentioned about the policies about the anti-ragging policy.

Complaints of ragging and actions taken:

- A complaint was received on 19<sup>th</sup> September, 2017 from a second year student of Department of Computer Science residing in the Boys' hostel against another resident of the hostel. The matter was investigated with the testimonies of the complainant, accused, witness hostel residents and the staff and, a video footage of the Boys' hostel CCTV. The reports were presented in front of the Anti Ragging Committee for the further actions.
- A complaint was received on December 12<sup>th</sup> December 2017 from a hostel resident (first year student) against the (first year student) resident of the same hostel. The matter was investigated with the testimonies of the complainant, accused, witnesses and the hostel staff. During the investigation it was found that the two students had conflicts from long ago. The complainant withdrew the complaint later. The investigation report was submitted to the Anti Ragging Committee and the Anti Ragging UGC office.
- A complaint was received dated April 7<sup>th</sup>, 2018 from a second year student of School of Design against the student of the same school. The matter was investigated with the testimonies of the complainant, accused, witnesses and the faculty of School; and the reports were presented in front of the Anti Ragging Committee for the further actions.



## 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 25<sup>th</sup> 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. The following events were organized by the Club:



Three events under the umbrella of **Doon Science club**:

- Exotic Carbon Nanostructures and their applications” on 21<sup>st</sup> April 2017 at Room no. 306, AB-III building, Doon University by Professor V. D. Vankar, retired professor from IIT Delhi.
- Doon Science Club lecture on Remembering Kalam on October 15, 2017. On the birth anniversary of Dr. A. P. J. Abdul Kalam, a public lecture and a ceremony was organized in collaboration with the Department of Chemistry and Doon Science Club. On this occasion Professor Dheerendra Sharma, Dr. Sarnam Singh, IRIS, Dr. A. K. Gupta former Director IRDE, Dehradun and Prof. Kusum Arunachalam delivered speech to the audience. Additionally, a talk by the students of Department of Chemistry was delivered on the introduction to the Nobel prize of year 2017 in Chemistry. The students participated in a discussion on the “Use of Nuclear Energy” on this occasion.
- **Doon Science Club lecture on Nobel Prize- 2017 in Physics by Professor S. R. Verma, Principal, DBS College, Dehradun.**

## SYNOPSIS

Nobel Prize 2017 Physics was awarded to Rainer Weiss (half), the other half jointly to Barry C. Barish and Kip S. Thorne “*For decisive contributions to the LIGO detector and the observation of gravitational waves*”.

On 14 September 2015, the universe's gravitational waves were observed for the very first time. The waves, which were predicted by Albert Einstein a hundred years ago, came from a collision between two black holes. It took 1.3 billion years for the waves to arrive at the LIGO detector in the USA.

**LIGO, the Laser Interferometer Gravitational-Wave Observatory**, is a collaborative project with over one thousand researchers from more than twenty countries. Together, they have realised a vision that is almost fifty years old. The 2017 Nobel Laureates have, with their enthusiasm and determination, each been invaluable to the success of LIGO. Pioneers **Rainer Weiss** and **Kip S. Thorne**, together with **Barry C. Barish**, the scientist and leader who brought the project to completion, ensured that four decades of effort led to gravitational waves finally being observed.

So far all sorts of electromagnetic radiation and particles, such as cosmic rays or neutrinos, have been used to explore the universe. However, gravitational waves are direct testimony to disruptions in spacetime itself. This is something completely new and different, opening up unseen worlds. A wealth of discoveries awaits those who succeed in capturing the waves and interpreting their message.

**On the occasion of first birth anniversary of, Doon Science Club paid tribute to Professor Yash Pal on his birth anniversary November 26<sup>th</sup>, 2017.**

## 10. Future Projections

### 10.1 Academic Program:

New Courses starting this year

- B. Com. (Hons)
- B.A. (Hons) English

Centres to be Established

- Uttarakhand Languages Centre
- MSME Centre

Stengthening School of Social Sciences by adding two new courses

- Masters of Social Welfare
- M.A. Psychology

New Courses in Dr. Nityanand Himalyan Research Centre

- M.A. Geology
- M.A. Geography

### 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

**FORM NO. 10B**  
[ See rule 17B ]

**Audit report under section 12A(b) of the Income-tax Act, 1961, in the case of charitable or religious trusts or institutions**

We have examined the balance sheet of **DOON UNIVERSITY - AAAJD0617J** [name and PAN of the trust or institution] as at **31/03/2018** and the Profit and loss account for the year ended on that date which are in agreement with the books of account maintained by the said trust or institution.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of the audit. In our opinion, proper books of account have been kept by the head office and the branches of the abovenamed institution visited by us so far as appears from our examination of the books, and proper Returns adequate for the purposes of audit have been received from branches not visited by us, subject to the comments given below:

In our opinion and to the best of our information, and according to information given to us, the said accounts give a true and fair view-

- (i) in the case of the balance sheet, of the state of affairs of the above named institution as at **31/03/2018** and
- (ii) in the case of the profit and loss account, of the profit or loss of its accounting year ending on **31/03/2018**

The prescribed particulars are annexed hereto.

Place **Dehradun**  
Date **24/10/2018**

Name  
Membership Number  
FRN (Firm Registration Number)  
Address

  
**SAURAB GUPTA**  
**400521**  
**0010729**  
**23/1, RAIPUR ROAD, DEHRA**  
**DUN-248001 UTTARANCHAL**

**ANNEXURE**  
**Statement of particulars**  
**I. APPLICATION OF INCOME FOR CHARITABLE OR RELIGIOUS PURPOSES**

1.	Amount of income of the previous year applied to charitable or religious purposes in India during that year ( ₹ )		177010437
2.	Whether the institution has exercised the option under clause (2) of the Explanation to section 11(1) ? If so, the details of the amount of income deemed to have been applied to charitable or religious purposes in India during the previous year ( ₹ )	Yes	18807534
3.	Amount of income finally set apart for application to charitable or religious purposes, to the extent it does not exceed 15 per cent of the income derived from property held under trust wholly for such purposes. ( ₹ )	Yes	34556112
4.	Amount of income eligible for exemption under section 11(1)(c) (Give details)	No	
5.	Amount of income, in addition to the amount referred to in item 3 above, accumulated or set apart for specified purposes under section 11(2) ( ₹ )		0
6.	Whether the amount of income mentioned in item 5 above has been invested or deposited in the manner laid down in section 11(2)(b) ? If so, the details thereof.	No	
7.	Whether any part of the income in respect of which an option was exercised under clause (2) of the Explanation to section 11(1) in any earlier year is deemed to be income of the previous year under section 11(1B) ? If so, the details thereof ( ₹ )	No	
8.	Whether, during the previous year, any part of income accumulated or set apart for specified purposes under section 11(2) in any earlier year-		
(a)	has been applied for purposes other than charitable or religious purposes or has ceased to be accumulated or set apart for application thereto, or	No	
(b)	has ceased to remain invested in any security referred to in section 11(2)(b)(i) or deposited in any account referred to in section 11(2)(b)(ii) or section 11(2)(b)(iii), or	No	
(c)	has not been utilised for purposes for which it was accumulated or set apart during the period for which	No	

it was to be accumulated or set apart, or in the year immediately following the expiry thereof? If so, the details thereof

**II. APPLICATION OR USE OF INCOME OR PROPERTY FOR THE BENEFIT OF PERSONS REFERRED TO IN SECTION 13**

1.	Whether any part of the income or property of the institution was lent, or continues to be lent, in the previous year to any person referred to in section 13(3) (hereinafter referred to in this Annexure as such person)? If so, give details of the amount, rate of interest charged and the nature of security, if any.	No
2.	Whether any part of the income or property of the institution was made, or continued to be made, available for the use of any such person during the previous year? If so, give details of the property and the amount of rent or compensation charged, if any.	No
3.	Whether any payment was made to any such person during the previous year by way of salary, allowance or otherwise? If so, give details	Yes
Details		Amount(₹)
Prof. Vinod Kumar Jain		1082169
Prof. Kusum Arunachalam		943119
Dr. C. S. Nautiyal		91950
B.C. Tiwari		930512
D.C. Lohani		1349311
Brij Mohan Harbola		781773
M.S. Mandrawal		323405
I.L.C. Purohit		415530
4.	Whether the services of the institution were made available to any such person during the previous year? If so, give details thereof together with remuneration or compensation received, if any	No
5.	Whether any share, security or other property was purchased by or on behalf of the institution during the previous year from any such person? If so, give details thereof together with the consideration paid	No
6.	Whether any share, security or other property was sold by or on behalf of the institution during the previous year to any such person? If so, give details thereof together with the consideration received	No
7.	Whether any income or property of the institution was diverted during the previous year in favour of any such person? If so, give details thereof together with the amount of income or value of property so diverted	No
8.	Whether the income or property of the institution was used or applied during the previous year for the benefit of any such person in any other manner? If so, give details	No

**III. INVESTMENTS HELD AT ANY TIME DURING THE PREVIOUS YEAR(S) IN CONCERNS IN WHICH PERSONS REFERRED TO IN SECTION 13(3) HAVE A SUBSTANTIAL INTEREST**

S. No	Name and address of the concern	Where the concern is a company, number and class of shares held	Nominal value of the investment(₹)	Income from the investment(₹)	Whether the amount in col. 4 exceeded 5 per cent of the capital of the concern during the previous year-say, Yes/No
<b>Total</b>					

Place **Dehradun**  
Date **24/10/2018**

Name  
Membership Number  
FRN (Firm Registration Number)  
Address

  
**SAURABH GUPTA**  
400521  
0010729  
23/1, RAIPUR ROAD, DEHRA  
DUN-248001 UTTARANCHAL

Form Filing Details

Revision/Original      Original



**DOON UNIVERSITY**  
**MOTHROWALA ROAD, KEDARPURAM, DEHRADUN, UTTARAKHAND**  
**BALANCE SHEET AS AT 31ST MARCH 2018**

Sr.No.	PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
A	<b>LIABILITIES</b>			
i	GRANT FUND	1	53,403,341	51,364,095
ii	GENERAL FUND	2	207,596,087	165,175,708
iii	FUNDS ACCUMULATED AND SET APART	3	18,807,534	-
iv	FIXED ASSET CAPITAL FUND	4	1,081,604,267	1,097,643,451
v	EARMARKED FUND	5	107,357,034	120,667,927
vi	CURRENT LIABILITIES & PROVISIONS	6	33,144,484	33,784,741
<b>Total in Rs....</b>			<b>1,501,912,747</b>	<b>1,468,635,922</b>
B	<b>ASSETS</b>			
i	FIXED ASSETS	7	1,081,429,159	1,097,468,338
ii	INVESTMENT	8	120,186,601	123,881,537
iii	CURRENT ASSETS, LOANS & ADVANCES	9	300,296,987	247,286,048
<b>Total in Rs....</b>			<b>1,501,912,747</b>	<b>1,468,635,923</b>

"As per Audit Reports of even date."

For Saurabh Kishan & Co.  
Chartered Accountants

  
**Dr. C. S. NAUTIYAL**  
 Vice Chancellor

  
**SH. D. C. LOHANI**  
 Finance Controller

  
**CA SAURABH GUPTA**  
 FCA, Partner  
 M No 400521

Date : 24/10/2018  
Place : Dehradun





**DOON UNIVERSITY**  
MOTHROWALA ROAD, KEDARPURAM, DEHRADUN, UTTARAKHAND

**Income & Expenditure A/c for the year ending 31st March 2018**

Particulars	Schedule	Current Year (Rs.)	Previous Year (Rs.)
-------------	----------	-----------------------	---------------------

**Income**

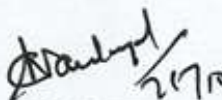
Grants from Govt. of Uttarakhand	1	90,000,000	85,000,000
Income from Sales / Services	10	1,858,812	1,525,270
Fee's / Subscription	11	86,094,438	79,825,422
Interest Earned	12	13,242,429	10,275,753
Other Income	13	3,986,017	2,699,066
<b>Total ( A ) in Rs....</b>		<b>195,181,696</b>	<b>179,325,510</b>

**Expenditure**

Establishment Expenses	14	54,084,794	49,850,765
Other Administrative Expenses	15	72,023,505	69,741,779
Finance Expenses	16	7,559	3,535
Transfer to FA Capital Fund	7	4,428,934	8,318,102
<b>Total ( B ) in Rs....</b>		<b>130,544,792</b>	<b>127,914,181</b>
Surplus [Being excess of Income over Expenditure]		64,636,904	51,411,329

"As per Audit Reports of even date."

For Saurabh Kishan & Co.  
Chartered Accountants

  
2/10  
**Dr. C. S. NAUTIYAL**  
Vice Chancellor

  
**SH. D. C. LOHANI**  
Finance Controller

  
**CA SAURABH GUPTA**  
FCA, Partner  
M No 400521



Date : 24/10/2018  
Place : Dehradun

## ANNEXURE-I

### Members of Court (During the Period of 2017-18) Doon University

1. Hon'ble Governor and the Chancellor and Chairman of the Court
2. Prof. V. K. Jain, Vice Chancellor
3. Additional Chief Secretary/Principal Secretary, Higher Education, Govt of Uttarakhand
4. Principal Secretary/Secretary, Department of Finance, Govt of Uttarakhand
5. Shri Dhan Singh Negi, Members of State Legislature, Tehri, Uttarakhand
6. Srimati Meena Gangola, Members of State Legislature, Pithourararh, Uttarakhand
7. Mr Dinesh K. Sarraf, Chairman and Managing Director, Oil and Natural Gas Corporation (ONGC)
8. Mr Arup Roy Choudhury, Chairman, NTPC Limited & Chairman, SCOPE, NTPC
9. Prof. A. N. Purohit, Former Vice Chancellor HNB Garhwal University
10. Dr. Y.V.N. Krishna Murthy, Director and Outstanding Scientist **ISRO**
11. Prof B.B. Bhattacharya, Former Vice Chancellor, JNU, New Delhi
12. Shri Ruskin Bond, Writer, Mussoorie
13. Dr. Sushil Kumar, Fellow of the National Academy of Agricultural Sciences, National Academy of Sciences Allahabad and Bangalore
14. Dr. Rajendra Dobhal, Director General, Uttarakhand State Council for Science and Technology, (Govt. of Uttarakhand)
15. Dr. R. P. Singh, Prof. Poona College of Pharmacy, Pune
16. Prof. R. D. Anand, Advocate High Court and Supreme Court
17. Smt Alka Sirohi, IAS (Retd.) Ex Member and I/c Chairperson, UPSE
18. Dr Amod Gupta, (Padamshree) Panchkula, Haryana
19. Shri Manbir Singh, I.F.S. (Retd.), Former Member UPSC Chandigarh
20. Prof. K. S. Dhindsa, Former HoD Chemistry and Biochemistry, Haryana Agriculture University
21. Shri B. C. Tewari, Finance Controller (Till July 2017)
22. Shri D. C. Lohani, Finance Controller
23. Mr Ashish Kumar Assistant Librarian & I/c Central Library
24. All Heads of the Schools/Departments
25. Prof. H. C. Purohit, Head SoM, Dean and I/c Registrar
26. Dr. K. Arunachalam, Head & Professor, School of Environment and Natural Resource
27. Dr Ashish Sinha, Assistant Professor, School of Management
28. Ms. Tanvi Negi, Assistant Professor, Dept of Chinese Studies, School of Language
29. Ms Sikha Ahmad, Assistant Professor, School of Social Sciences
30. Ms Rashi Mishra, Assistant Professor, School of Media and Communication Studies.
31. Dr. B. M. Harbola, Registrar (Till July 2017)
32. Dr M. S. Mandrawal, In-charge, Registrar (Till Nov. 2017)

## ANNEXURE-II

### The Executive Council (During the period of 2017-18) Doon University

1. Prof. V.K. Jain, Vice Chancellor and Chairman (Till 20<sup>th</sup> August 2018)
2. Prof. Kusum Arunachalam, Vice Chancellor (Till 31<sup>st</sup> Jan 2018)
3. Dr C. S. Nautiyal, Vice Chancellor
4. Principal Secretary Higher Education, Govt. of Uttarakhand
5. Princiapal Secretary, Dept of Finance Govt. of Uttarakhand
6. Dr. R. P. Singh, Prof. Poona College of Pharmacy, Pune
7. Smt Alka Sirohi, IAS (Retd.) Ex Member and I/c Chairperson UPSE
8. Prof. R. D. Anand, Advocate High Court and Supreme Court
9. Prof. M.L. Sharma, Ex HoD Botany and, Faculty Head, Punjab University,
10. Shri Manbir Singh, I.F.S. (Retd.), Former Member UPSC Chandigarh
11. Prof. K. S. Dhindsa, Former HoD Chemistry and Biochemistry, Haryana Agriculture University
12. Prof. Kusum Arunachalam, Professor, SENR
13. Prof. H. C. Purohit, Professor, SoM and Registrar
14. Shri B. C. Tewari, Finance Controller (Till July 2017)
15. Shri D. C. Lohani, Finance Controller
16. Dr. B. M. Harbola, Registrar (Till July 2017)
17. Dr M. S. Mandrawal, In-charge, Registrar (Till Nov. 2017)

## ANNEXURE-III

### The Academic Council of the University during the period 2017-18

1. Prof. V. K. Jain, Vice Chancellor (Till 20 August 2017)
2. Prof. Kusum Arunachalam, Vice Chancellor (Till 31<sup>st</sup> January 2018)
3. Dr C. S. Nautiyal, Vice Chancellor
4. Prof. H.S. Dhami, Vice Chancellor, Uttarakhand Residential University, Almora
5. Prof. S. P. Singh Ex Vice Chancellor, HNB Garhwal University
6. Prof. D.R. Purohit, Prof. English, HNB Garhwal University
7. Prof. Raj S. Dhankar, Professor, Faculty of Management, DU
8. Prof. Subhash Dhulia, Professor, IGNOU
9. Dr Ram Singh, Professor, Delhi School of Economics
10. Prof. Ramesh Agrawal, Professor, Dept. of Computer Science, JNU
11. Prof. H. M. Agrawal, Prof. Dept. of Physics, GBP University
12. Prof. D. S. Negi Professor, HNBGarhwal University
13. Prof. Kusum Arunachalam, Professor and Head
14. Prof. H. C. Purohit, Head SoM and Registrar I/c
15. Dr S. S. Suthar, Associate Professor (that time), SENR
16. Dr Vipin Kumar Saini, Assistant Professor, SENR
17. Prof. Harshpati Dobhal, Visiting Professor, SoMCS
18. Dr Rajesh Kumar, Associate Professor & In-charge SoMCS
19. Ms Juhee Prasad, Assistant Professor, SoMCS
20. Prof. H.C. Purohit, Professor & Head, SoM and Dean
21. Dr Gajendra Singh, Associate Professor, SOM
22. Dr. Vaishali, Assistant Professor, SOM
23. Ms Tanvi Negi, Assistant Professor and I/c Chinese & French Deptt, SoL
24. Ms Mala Shikha Assistant Professor and In-charge (Spanish), SoL
25. Mr Chandrika Kumar, Assistant Professor and In-charge, Dept. of German, SoL
26. Ms Deepika Bhatia, Assistant Professor and In-charge, Dept. of Japanese, SoL
27. Ms Richa Joshi Pandey, Assistant Professor and In-charge, Dept. of English, SoL
28. Dr Manoj Bhatt, Visiting Associate Professor, In-charge Dept of Economics
29. Ms Sikha Ahmad, Assistant Professor, Dept. of Economics
30. Dr Vikas Sharma, Assistant Professor & In-charge, Dept. of Physics SoPS
31. Dr Arun Kumar Assistant Professor & In-charge, Dept. of Chemistry, SoPS
32. Dr Sarita Singh Assistant Professor & In-charge, Dept. of Mathematics, SoPS
33. Ms Rachana Gussain, Assistant Professor & In-charge, Dept. of Computer Science, SoPS
34. Ms Dhriti Dhaundiya, In-charge, School of Design
35. Mr Ashish Kumar, I/c Central Library
36. Shri B. C. Tewari, Finance Controller (Till July 2017)
37. Shri D. C. Lohani, Finance Controller
38. Dr. B. M. Harbola, Registrar (Till July 2017)
39. Dr M. S. Mandrawal, In-charge, Registrar (Till Nov. 2017)

## The Finance Committee of the University during the period 2017-18

- 1) Dr. C.S. Nautiyal, Vice Chancellor, Doon University.
- 2) Dr. Ranbir Singh, Additional Chief Secretary, Higher Education, Govt of Uttarakhand.
- 3) Principal Secretary/Representative, Department of Finance Govt. of Uttarakhand.
- 4) Prof. M.L. Sharma, Ex HOD Botany and Faculty Head, Punjab University, Chandigarh.
- 5) Prof. H.C. Purohit, Registrar (Acting), Doon University.
- 6) Sh. D.C. Lohani, Finance Controller, Doon University.

## Various Committees of Doon University and their members (2017-18) Hostel Wardens

- |    |   |                     |
|----|---|---------------------|
| 1. | Dr Achlesh Daverey, Assistant Professor, SENR       | Chief Hostel Warden |
| 2. | Dr Arun Kumar, Assis. Prof. Dept. Chemistry         | Warden Boys Hostel  |
| 3. | Mr Ravi Kumar, Assis. Prof. Dept of Japanese        | Warden Boys Hostel  |
| 4. | Dr Sarita Singh, Assis. Prof. Dept of Maths         | Warden Girls Hostel |
| 5. | Dr Charu Dwevedi, Assis. Prof.. Dept. of Chemistry, | Warden Girls Hostel |

## Committee for Redressal of Gender Issues (CRGI)

- |    |  |          |
|----|--|----------|
| 1. | Ms Karuna Sharma, Assis. Prof. SoMCS                 | Convener |
| 2. | Dr. Vijay Sridhar, Assistant Professor, SENR         | Member   |
| 3. | Dr Sarita Singh, Assistant Professor, Dept. of Maths | Member   |
| 4. | Dr. Indu Singh, Principal M.K.P. P.G. College        | Member   |
| 5. | Mr Om Prakash Sati, Advocate                         | Member   |
| 6. | Ms Geeta Gairola, NGO Representative                 | Member   |
| 7. | Representative of Students (Boys)                    | Member   |
| 8. | Representative of Students (Girls)                   | Member   |

## Grievance Redressal Committee (CRG)

- |    |  |  |
|----|--|--|
| 1. | Dr Kusum Arunachalam, Prof. & Head SENR          | Chairperson                                  |
| 2. | Dr Rajesh Kumar, Associate Professor, SoMCS      | Chairperson (w.e.f. 11-10-2017)              |
| 3. | Dr Sudharani Pandey, UGC Emeritus Fellow         | Member                                       |
| 4. | Dr Asha Ram Gairola, Assist. Prof Dept. of Maths | Member                                       |
| 5. | Ms Juhee Prasad, Assist. Prof. SOC               | Member                                       |
| 6. | Dr. M. S. Mandrawal, Deputy Registrar            | Member                                       |
| 7. | Dr Archana Sharma, Assistant Professor SENR      | Member (w.e.f. 11-10-2017)                   |
| 8. | Student Representative of the respective School  | Special invitee<br>(Based on academic merit) |

## Anti Ragging Squad

1.	Dr Vikas Sharma, Assistant Professor, SoPS	Chairperson
2.	Dr. Prachi Pathak, Assistant Professor SoM	Member
3.	Dr Sarita Singh, Assistant Professor, SoPS	Member
4.	Mr Ashish Kumar, Assistant Librarian	Member
5.	Dr Manoj Bhatt, Associate Professor, SoSS	Member
6.	Mr Ravi Kumar, Assistant Professor, SoL	Member
7.	Mr Chatar Singh Bora, 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.	Dr. Brij Mohan Sharma, Chairman, SPECS	Member
5.	Ms Jaskiran Chopra, Special Correspondent, The Pioneer	Member
6.	Prof. Harsh Dobhal, SoC	Member
7.	Representative of Parent	Member
8.	Representative of Parent	Member
9.	Student Representative	Member
10.	Student Representative	Member
11.	Deputy Registrar,	Member Secretary

## Library Advisory Committee

1.	Vice Chancellor or his Representative	Chairperson
2.	All HoDs/In-charges of respective Schools/ Centres	Members
3.	Course Advisor of Self Financed Courses	Member
4.	Registrar/Deputy Registrar	Member
5.	Finance Officer or his Representative	Member
6.	Librarian/Assistant Librarian	Secretary

## Cultural Committee

1.	Ms Aabshar Abbasi, Asst. Prof SoC	Coordinator
2.	Ms Karuna Sharma, Asst. Professor, SoC	Member
3.	Ms Juhee Prasad, Assis Prof. SOC	Member
4.	Dr Vikas Sharma, Assi. Professor, SoPS	Member
5.	Ms Shomia Biswas, Assis. Prof. SoL	Member
6.	Mr Sekhar Maithani, Assis. Prof. SoL	Member
7.	Mr. S.K. Dadar, Assoc. Prof. SOM	Special Invitee
8.	Student Cultural Representative (Boys)	Student Member
9.	Student Cultural Representative (Girls)	Student Member



## House Allotment Committee

- |   |          |
|---|----------|
| 1. Dr Rajesh Kumar In-charge, SoC         | Chairman |
| 2. Dr. Kusum Arunachalam, Professor, SENR | Member   |
| 3. Dr. M. S. Mandrawal, Deputy Registrar  | Member   |

## Sports Committee

- |   |                |
|---|----------------|
| 1. Dr. V.K. Saini, Assistant Professor          | Chairperson    |
| 2. Dr. Vikas Sharma, Assistant Professor, SoPS  | Member         |
| 3. Dr. S. S. Mohanty, Assistant Professor, SoSS | Member         |
| 4. Dr Sunit Naithani, Assistant Professor, SENR | Member         |
| 5. Ms Deepika Bhatia, Assistant Professor, SoL  | Member         |
| 6. Dr Himahi Sharma, Assistant Professor, SoPS  | Member         |
| 7. Student Sports Representative (Boys)         | Student Member |
| 8. Student Sports Representative (Girls)        | Student Member |

## University Proctorial Board

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|---|---------------|
| 1. Dr Asha Ram Gairola, Assistant Professor, Dept. of Maths | Chief Proctor |
| 2. Dr Ujjwal Kumar, Assistant Professor, SENR               | Proctor       |
| 3. Mr Chandrika Kumar, Assistant Professor Dept. of German  | Proctor       |
| 4. Dr Sarita Singh, Assistant Professor Dept. of Maths      | Proctor       |
| 5. Ms Sikha Ahmad, Assistant Professor, Dept. of Economics  | Proctor       |