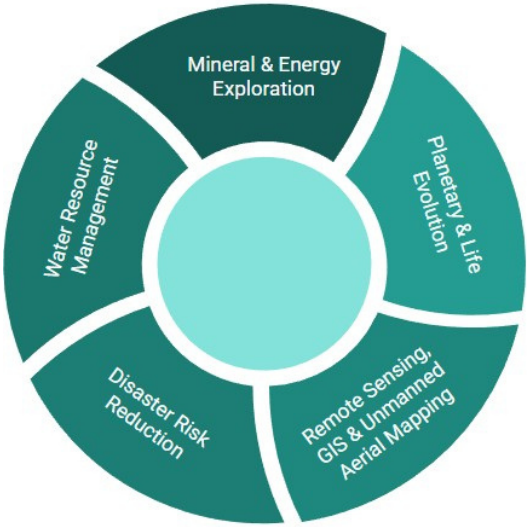




ESTABLISHED BY THE GOVERNMENT OF UTTARAKHAND BY DOON UNIVERSITY ACT, 2005  
**NAAC "A" ACCREDITED**

# DEPARTMENT OF GEOLOGY

**SUSTAINABLE CAREER  
 REQUIRES  
 SUSTAINABLE SCIENCE**



## CONTACT

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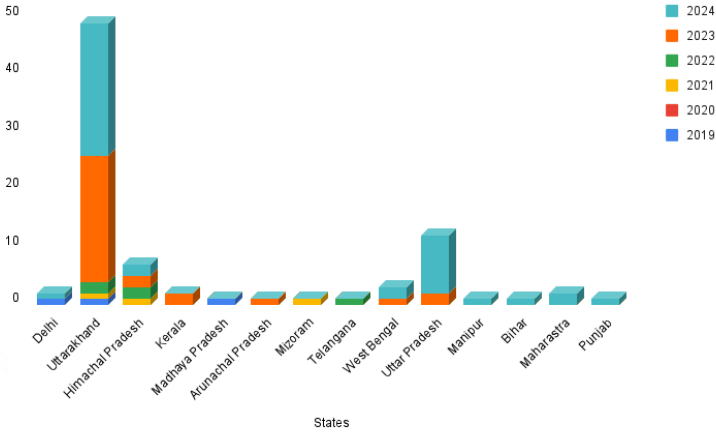
## RESEARCH COLLABORATION

- CSIR-NGRI, HYDERABAD (INDIA)
- IIT, ROORKEE (INDIA)
- IIRS, DEHRADUN (INDIA)
- IIT, KANPUR (INDIA)
- WADIA INSTITUTE OF HIMALAYAN GEOLOGY (INDIA)
- NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE (INDIA)
- UNIVERSITY OF LIEGE, LIEGE (BELGIUM)
- UNIVERSITY OF EDINBURGH (UK)
- DURHAM UNIVERSITY(UK)
- UNIVERSITY OF LISBON (PORTUGAL)
- SHIRAZ UNIVERSITY (IRAN)
- COLORADO SCHOOL OF MINES (USA)

## ADVANCED INSTRUMENTS AT DEPARTMENT

- ELECTRICAL RESISTIVITY 3D IMAGING INSTRUMENT
- GROUND PENETRATING RADAR INSTRUMENT
- UNMANNED AERIAL VEHICLE (RTK/LIDAR)
- SCHMIDT HAMMER
- GPS RECEIVERS
- TOTAL STATION
- TRACING TABLE
- ADVANCED PETROGRAPHIC MICROSCOPE
- WATER ISOTOPE ANALYZER

## STUDENT DIVERSITY



STUDENT STRENGTH REFERS TO IMPRESSIVE DIVERSITY REPRESENTATING 66 % **FEMALES** AND INDIVIDUALS HAILING FROM 14 INDIAN STATES.

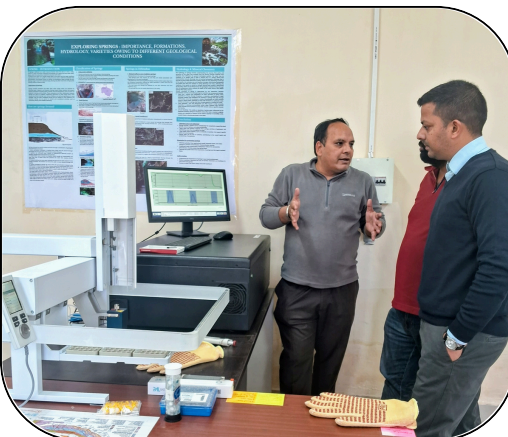
## STUDENT EXTRA CURRICULUM

- GEOLOGICAL FIELD TRAININGS
- SUMMER/WINTER INTERNSHIPS
- CULTURAL ACTIVITIES
- MONTHLY LECTURES OF RENOWNED ACADEMICIANS
- HALF YEARLY DEPARTMENTAL SEMINAR
- ANNUAL NATIONAL SEMINAR ON 9<sup>TH</sup> FEB
- RESEARCH ORIENTED FIELD VISITS
- VISITS TO VARIOUS LABS OF RESEARCH INSTITUTES
- ACADEMIA-INDUSTRY BRAINSTORMING SESSIONS

## RESEARCH FACILITIES



COMPUTER LAB  
HAVING 20 HIGH-  
END COMPUTERS  
& MICROSCOPES  
FOR ADVANCED  
GIS,  
MINERALOGICAL  
& STATISTICAL  
ANALYSIS



HYDROLOGY LAB  
HAVING  
ADVANCED  
WATER-  
ISOTOPE  
ANALYZER



ENGINEERING  
GEOLOGY LAB  
HAVING UAV,  
GPR, ERT,  
TOTAL STATION,  
AND SCHMIDT  
HAMMER

## COURSES

- B.SC. (HONS./RESEARCH) GEOLOGY AS PER NEP 2020
- M.SC. GEOLOGY
- PH.D. GEOLOGY

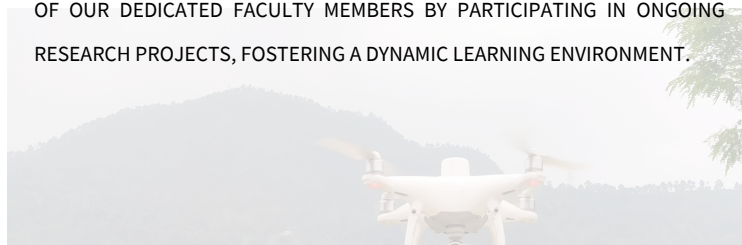
## ABOUT THE DEPARTMENT

THE DEPARTMENT OF GEOLOGY AT DR. NITYANAND HIMALAYAN RESEARCH AND STUDY CENTRE, DOON UNIVERSITY, UTTARAKHAND (INDIA) IS A DYNAMIC DEPARTMENT, ESTABLISHED IN THE ACADEMIC YEAR 2019. WHAT TRULY SETS US APART FROM OTHER NATURAL AND PHYSICAL SCIENCE DEPARTMENTS IS OUR FOCUS ON **INVESTIGATING DIVERSE NATURAL SYSTEMS ACROSS VARIOUS SPATIAL AND TEMPORAL SCALES.**

WE OFFER A COMPREHENSIVE CURRICULUM FOR BOTH UNDERGRADUATE AND POSTGRADUATE STUDIES IN GEOLOGY. OUR B.SC. (HONS.) GEOLOGY AND M.SC. GEOLOGY PROGRAMS PROVIDE A STRONG FOUNDATION IN ALL CORE GEOLOGICAL DISCIPLINES, PREPARING STUDENTS FOR FURTHER STUDIES OR PROFESSIONAL CAREERS. THE DEPARTMENT OFFERS A WIDE RANGE OF SPECIALIZATIONS, WHICH ARE AS FOLLOWS;

- **HIMALAYAN GEOLOGY, GLACIOLOGY & ENGINEERING GEOLOGY**
- **REMOTE SENSING - GIS & NATURAL HAZARDS**
- **PETROLOGY, PALAEONTOLOGY AND STRUCTURAL GEOLOGY**
- **ECONOMIC GEOLOGY & GEOCHEMISTRY**
- **ENERGY EXPLORATION**

STUDENTS IN OUR UG & PG PROGRAM ALSO BENEFIT FROM THE GUIDANCE OF OUR DEDICATED FACULTY MEMBERS BY PARTICIPATING IN ONGOING RESEARCH PROJECTS, FOSTERING A DYNAMIC LEARNING ENVIRONMENT.



## FACULTY



NAME: DR. VIPIN KUMAR  
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AREA OF SPECIALIZATION/INTEREST: GEORISK AND ENVIRONMENT



NAME: DR. RAJEEV SARAN AHLUWALIA  
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EDUCATION: PHD  
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EDUCATION: PH.D.  
EMAIL: YPSUNDRIYAL@GMAIL.COM  
AREA OF SPECIALIZATION/INTEREST: GEOMORPHOLOGY



NAME: DR. ABHISHEK PRATAP SINGH  
DESIGNATION: VISITING FACULTY  
EDUCATION: PH.D.  
EMAIL: APSGEO002@GMAIL.COM  
AREA OF SPECIALIZATION/INTEREST: PALEONTOLOGY