# POST GRADUATE DEPARTMENT OF GEOLOGY
## UNIVERSITY OF JAMMU
## List of PhD. scholars of Geology Department w.e.f 2018- till date

| S. No. | Faculty | Department | Name of Supervisor | Name of the Candidate | Mode of P.hD. | Registration Number | Date of Registration | Research Topic & Thrust Area of Research Scholar | Present Status of Candidate/ Award date |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Science | Geology | Prof. G. M. Bhat & Dr. Yudhbir Singh | Mr. Gulzar Hussain | Full Time | 42850-GJ-07 | 01.05.2013 | *Geotechnical Investigation and Landslide Susceptibility Mapping Along The National Highway Between Kargil and Leh* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *Awarded on 02.5.2019* |
| 2 | Science | Geology | Prof. P. K. Srivastava | Mr. Stanzin Namga | Full Time | 41167-GJU-06 | 01.05.2013 | *Acid Magmatism and Associated Fluorite Mineralization in Chumathang, Ladakh (India)* ***Thrust Area of Research:*** *Ore-Genesis & Mineral Exploration* | *Awarded on 07.03.2019* |
| 3 | Science | Geology | Dr. Varun Parmar | Mr. Rigzin Norboo | Part Time | 41571-GJU-06 | 01.05.2013 | *Micromammals from the Lower Siwalik Subgroup of Jammu: Systematics and Biochronological Implications* ***Thrust Area of Research:*** *Biostratigraphy, Paleontology & Sedimentology* | *Awarded on 22.5.2019* |
| 4 | Science | Geology | Prof. G. M. Bhat & Prof. S. K. Pandita | Mr. Shiv Jyoti Sawroop Pandey | Full Time | 36619-MAM-04 | 01.11.2013 | *Analysis of seismic induced repture systems around MBT and PT in Jammu Region* ***Thrust Area of Research:*** *Seismology and Active Tectonics* | *Awarded on 31.12.2020* |
| 5 | Science | Geology | Dr. SomNath | Mr. Sandeep Kumar | Full Time | 1055-GJ-08 | 01.11.2013 | *Palaeoclimate and depositional environment of upper Siwalik subgroup of Jammu using biological & sedimentary proxies* ***Thrust Area of Research:*** *Climate Change, Crysosphere & Quaternary Climate* | *Awarded on 26.08.2019* |
| 6 | Science | Geology | Dr. Yudhbir Singh | Mr. Rameshwar Sangra | Full Time | 40402-GJ-05 | 01.11.2013 | *Geotechnical investigation of landslides along the Mughal raod between Bafliaz and Shopian across PirPanjal range.* ***Thrust Area of Research:*** *Landslide Hazards Zonation Seismology and* | *Awarded on 09.12.2020* |

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| | | | | | | | | *Active Tectonics* | |
| 7 | Science | Geology | Prof. S.K. Pandita & Dr. Yudhbir Singh | Mr. Ahsan -Ul - Haq | Full Time | 248-RC-08 | 01.11.2013 | *Delineation of paleoseismological record in the quaternary sediments (Karewas) of Northwest Himalaya, Jammu and Kashmir* ***Thrust Area of Research:*** *Seismology and Active Tectonics* | *Awarded on 10.10.2019* |
| 8 | Science | Geology | Prof. G. M. Bhat & Dr. John McLennan | Mr. Waquar Ahmed | Full Time | 1213-GJ-08 | 01.11.2013 | *Resource potential and reservoir characterization of the Damodar Basin Shales, East India* ***Thrust Area of Research:*** *Sedimentology* | *Awarded on 02.5.2019* |
| 9 | Science | Geology | Prof. G. M. Bhat & Prof. S. K. Pandita | Ms. Shveta Puri | Full Time | 531-GJE-02 | 01.11.2013 | *Estimation of source parameters and waveform modeling around MBT and PT in the Jammu region* ***Thrust Area of Research:*** *Seismology and Active Tectonics* | *Awarded on 31.12.2020* |
| 10 | Science | Geology | Dr. Yudhbir Singh & Prof. G. M. Bhat | Mr. Romesh Kumar | Part Time | 19969-GJ-83 | 01.11.2013 | *Geotechnical and structural investigation of Baglihar Hydro-power project Stage-II, Jammu and Kashmir* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *Awarded on 09.12.2020* |
| 11 | Science | Geology | Prof. G. M. Bhat& Prof. S.K Pandita | Mr. Imran Farooq | Part Time | 33838-GJ-99 | 01.05.2013 | *Structural Geometry and Geotechnical Aspects of Tectonostratigraphic Units along the Bhaderwah-Bani National Highway, Jammu* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *Awarded on 01.02.2019* |
| 12 | Science | Geology | Dr. Varun Parmar | Mr. K. Deepak Singh | Full Time | 33-PhD.-15 | 01.11.2014 | *Biodiversity and palaeobiogeography of the microbiota from Deccan intertrappean beds of the Malwa Plateau* ***Thrust Area of Research:*** *Biostratigraphy, Paleontology & Sedimentology* | *Awarded on 10.11.2021* |
| 13 | Science | Geology | Prof. S. KPandita | Ms. Meenu Sharma | Full Time | 294-GJE-08 | 01.11.2014 | *Investigations in the sources of groundwater recharge in Tawi river basin in Jammu* ***Thrust Area of Research:*** *Remote Sensing & GIS Applications* | *Awarded on 06.01.2023* |
| 14 | Science | Geology | Dr.Yudhbir Singh | Mr. Ravi Sharma | Full Time | 1145-KJ-08 | 01.11.2014 | *Role of morpho-tectonics on the geoenvironment of Palampur area,* | *Awarded on 28.06.2022* |

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| | | | | | | | | *Himachal Pradesh* ***Thrust Area of Research****: Active Tectonics* | |
| 15 | Science | Geology | Prof. G. M. Bhat | Ms. Meera Sharma | Full Time | 29276-KJU-06 | 01.05.2014 | *Investigation in the structural setup, depositional and diagenetic evolution of the Sincha Formation, Kathua district, Jammu* ***Thrust Area of Research:*** *Sedimentology* | *Awarded on 14.08.2026* |
| 16 | Science | Geology | Prof. S. K. Pandita | Ms.Monika Jamwal | Full Time | 29675-KJU-06 | 01.05.2014 | *Sedimentology and tectonic setup of thrust bound Murree Group of rocks in Kathua and Ramban districts, Jammu* ***Thrust Area of Research:*** *Sedimentology* | *Awarded on 30.07.2024* |
| 17 | Science | Geology | Prof. P. K. Srivastava | Ms. Neha Arora | Full Time | 1478-GJEU-06 | 01.05.2014 | *Origin of magnetite deposit of Mehndragarh district, Haryana* ***Thrust Area of Research:*** *Ore Genesis & Mineral Exploration* | *Awarded on 30.06.2020* |
| 18 | Science | Geology | Prof. S. K. Pandita &Dr. Guido Meinhold | Mr. Sumeet Khullar | Full Time | 237-GJ-08 | 01.11.2014 | *Depositional setting and tectonics of the Neoproterozoic Langera Formation, Doda-Ramban districts, Northwest Himalaya.* ***Thrust Area of Research:*** *Sedimentology* | *Awarded on 16.08.2021* |
| 19 | Science | Geology | Prof. P. K. Srivastava | Mr. Pawan Singh | Full Time | 40411-GJ-05 | 01.11.2014 | *Geochemistry of sapphire bearing pegmatite of Paddar area, Kishtwar, Jammu and Kashmir* ***Thrust Area of Research:*** *Ore Genesis & Mineral Exploration* | *Awarded on 10.11.2021* |
| 20 | Science | Geology | Prof. G. M. Bhat | Mr. Arjun Singh | Full Time | 42886-GJ-07 | 01.05.2015 | *Geodynamics of Jammu region of the Kashmir Himalaya: Constraints from GPS measurements* ***Thrust Area of Research:*** *Seismology & Active Tectonics* | *Awarded on 19.05.2023* |
| 21 | Science | Geology | Prof. S. K. Pandita & H. N. Sinha | Mr. A.H. Bhat | Part Time | 17-Ph.D.-15 | 01.05.2014 | *Sedimentology and palynofacies analysis of the Lower Palaeozoic successions. Kupwara district, Kashimir* ***Thrust Area of Research:*** *Sedimentology* | *Awarded on 08.02.2023* |
| 22 | Science | Geology | Prof. S. K. Pandita & Dr. N. K. Meena | Mr. Diwate Pranaya Rameshwar | Full Time | 307-PG-Geol-15 | 01.11.2014 | *Holocene palaeoclimate record from Renuka Lake, Himachal Pradesh* ***Thrust Area of Research:*** *Climate* | *Awarded on 31.12.2020* |

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| | | | | | | | | *Change & Quaternary Climate* | |
| 23 | Science | Geology | Dr. Som Nath | Ms. Nighat Choudhary | Full Time | 176RC10 | 01.11.2017 | *Evaluation, age and correlation of the bentonitized tuff band in the Upper Siwalik Subgroup, Northwest Himalaya* ***Thrust Area of Research:*** *Biostratigraphy, Palaeontology & Sedimentology* | *Awarded on 19.05.2023* |
| 24 | Science | Geology | Dr. Som Nath | Mr. Mohd Imtiaz | Full Time | 359RC10 | 17.12.2018 | *Reconstruction of Holocene Paleoclimate record From Core Samples of Mansar and Surinsar Lakes of Jammu : Using Multi-porxies Approach* ***Thrust Area of Research:*** *Climate Change, Cryosphere & Quaternary Climate* | *Awarded on 10.04.2026* |
| 25 | Science | Geology | Dr. Som Nath | Mr. Bilal Rashid | Full Time | 99GDCRA11 | 11.03.2019 | *Geochemical characterization, sedimentology and depositional environment of Quaternary sediments between Jammu and Pathankot, India* ***Thrust Area of Research:*** *Climate Change, Cryosphere & Quaternary Climate* | *Awarded on 24.03.2026* |
| 26 | Science | Geology | Dr. Yudhbir Singh | Mr. Rajesh Sing Manhas | Full Time | 214GJ08 | 05.02.2021 | *Landslide hazard vulnerability and risk assessment along the National Highway (NH-244) between Doda and Kishtwar: A geotechnical and environment approach* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *Drop* |
| 27 | Science | Geology | Dr. Yudhbir Singh | Ms. Shifali Chib | Full Time | 30296GGMSC 2014 | 25.08.2021 | *Structural geometry and geotechnical investigation of tectonostratigraphic units along Basohli-Bani highway, Jammu and Kashmir* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *Submission on28.07.2026* |
| 28 | Science | Geology | Prof. Som Nath | Ms. Najma Ul Nisha | Full Time | 318GGMSC12 | 23.08.2021 | *Late Neogene fauna and flora of Jammu Siwalik: palaeobigeographic and palaoecologic implications* ***Thrust Area of Research:*** *Biostratigraphy, Palaeontology & Sedimentology* | *ongoing* |
| 29 | Science | Geology | Prof. S. K. | Mr. Sumit Johar | Part Time | 31530GGMSC | 20.08.2021 | *Provenance and tectonic setting of the* | *ongoing* |

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| | | | Pandita & Guido Meinhold | | | 2014 | | *Manjir Formation, Chamba Basin, NW Himalaya* ***Thrust Area of Research:*** *Sedimentology* | |
| 30 | Science | Geology | Prof. S. K. Pandita | Mr. Sumeet Singh | Full Time | 31494GGMSC 2014 | 31.05.2022 | *Provenance and tectonic evolution of the Nindam Formation and khalsi Limestone forearc sediments in the Indus Suture Zone, Ladakh, NW Himalaya.* ***Thrust Area of Research:*** *Sedimentology* | *ongoing* |
| 31 | Science | Geology | Prof. Som Nath & Dr. Parveen Kumar Mishra | Mr. Avinash Bhagat | Part Time | 192GGMSC11 | 31.06.2022 | *Spatial and temporal distribution of contaminants in the Tawi, River Jammu( India)* ***Thrust Area of Research:*** *Sedimentology* | *ongoing* |
| 32 | Science | Geology | Prof. Som Nath & Dr. Parveen Kumar Mishra | Mr. Vimal | Part Time | 42846GJ07 | 31.05.2022 | *Unraveling the impact of past climate change and anthropogenic activity on Gharana wetland ecosystem Jammu district, J&K, India.* ***Thrust Area of Research:*** *Biostratigraphy, Palaeontology & Sedimentology* | *ongoing* |
| 33 | Science | Geology | Prof. Varun Parmar | Mr. Talib Hussain | Full Time | 13852RCU07 | 31.05.2022 | *Pliocence-Pleistocene biotic changes across the Karewa Group of Kashmir: correlation with climatic and dispersal events* ***Thrust Area of Research:*** *Biostratigraphy, Palaeontology & Sedimentology* | *ongoing* |
| 34 | Science | Geology | Prof. P.K Srivastava | Mr. Naiyar Imam | Full Time | 65-Ph-D-Geol-23 | 30.05.2023 | *Genesis and characterization of lithium-rich bauxite deposits in Reasi District of Jammu and Kashmir.* ***Thrust Area of Research:*** *Ore Genesis & Mineral Exploration* | *ongoing* |
| 35 | Science | Geology | Dr. Yudhbir Singh | Mr. Gaurav Singh Parihar | Full Time | 1550GGMSC 16 | 11.10.2023 | *Integrated geotechnical characterization and slope stability analysis along the Kishtwar-Paddar road, Jammu and Kashmir, Northwest Himalaya* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *ongoing* |

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| 36 | Science | Geology | Prof. A.S Jasrotia | Mr. Amit Sharma | Full Time | 67-Ph-D-Geol-23 | 10.10.2023 | *Assessment and management of subsurface characteristics of groundwater in the Jammu region using electrical resistivity tomography technique and machine learning approach.* ***Thrust Area of Research:*** *Remote Sensing & GIS Applications Groundwater: Landslide Hazards Zonation Seismology & Active Tectonics* | *ongoing* |
| 37 | Science | Geology | Prof. S.K Pandita | Mr. Naveed Hassan Chowdhary | Part Time | 41570-GJU-06 | 17.02.2025 | *Evaluation of lithostratigraphy and depositional environment of the Ordovician-Silurian succession in the southeast Kashmir basin* ***Thrust Area of Research:*** *Sedimentology* | *ongoing* |
| 38 | Science | Geology | Dr. Yudhbir Singh | Mr. Davinder Singh | Part Time | 41102-GJ-05 | 18.02.2025 | *Geotechnical assessment and slope stability analysis along road network in the Panchari and Moungri area of Udhampur district Jammu & Kashmir* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *ongoing* |
| 39 | Science | Geology | Dr. Yudhbir Singh | Mohd Altaf | Part Time | 13749RCU07 | 21.06.2025 | *Integrated geotechnical and structural analysis of the fold–thrust belt along National Highway Nowshera - Bhimber Gali Transect, Jammu and Kashmir* ***Thrust Area of Research:*** *Landslide Hazards Zonation* | *ongoing* |
| 40 | Science | Geology | Prof. S.K Pandita | Ms. Insha Hamdani | Full Time | | 16.02.2026 | *Depositional environment, provenance and tectonic significance of the Agglomeratic Slate in the Kashmir basin* ***Thrust Area of Research:*** *Sedimentology* | *ongoing* |
| 41 | Science | Geology | Prof. S.K Pandita & Dr. B.P Singh | Ms. Tanvi Sambyal | Full Time | | 16.02.2026 | *Depositional environment, provenance and tectonic significance of Agglomeratic Slate of the Kashmir basin* ***Thrust Area of Research:*** *Biostratigraphy, & Sedimentology* | *ongoing* |
| 42 | Science | Geology | Dr.Yudhbir Singh | Mr. Krishan Kant | Full Time | | 16.02.2026 | *Sedimentological and palaeobiological investigation of Cambrian-Ordovician* | *ongoing* |

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| | | | | | | | | *succession in Pohru Valley (Kupwara District), Kashmir, India: Implications for reconstruction of Indian Northern Gondwana margin*<br>***Thrust Area of Research:*** *Landslide Hazards Zonation* | |
| 43 | Science | Geology | Prof. A.S Jasrotia | Mr. Vikshay Kumar | Full Time | | 10.03.2026 | *"Multi-geohazard assessment, modelling and early-warning framework using geospatial and machine learning approaches in the Chenab basin, north-western Himalaya"*<br>***Thrust Area of Research****: Remote Sensing & GIS Application: Landslide Hazards Zonation, Glacial Lake Outburst Flood (GloF), Flood Seismology & Active Tectonics* | *ongoing* |
| 44 | Science | Geology | Prof. Varun Parmar | Mr. Samaksh Gupta | Full Time | | 23.06.2026 | *Course work in progress* | *ongoing* |
| 45 | Science | Geology | Dr. Yudhbir Singh | Mr. Anil Kumar Thappa | Part Time | | 24.06.2026 | *Course work in progress* | *ongoing* |
| 46 | Science | Geology | Prof. A.S Jasrotia | Ms. Prerna Syal | Full Time | | 25.06.2026 | *Course work in progress* | *ongoing* |
| 47 | Science | Geology | Prof. S.K Pandita | Ms. Ekta Angral | Full Time | | 26.09.2026 | *Course work in progress* | *ongoing* |
| 48 | Science | Geology | Prof. Som Nath | Mr. Abhishek Uppal | Full Time | | 28.09.2026 | Course work in progress | *ongoing* |

HOD (Geology)