



Department of Botany, University of Kashmir

| S. No | Name of the PI/ Co-PI/ Name of the person holding the Chair | Title of the research project, endowments, Research Chairs | Name of the funding agency | Duration | Year of award or sanction | Amount in INR. |
|-------|---|---|---|-----------|---------------------------------|-------------------|
| 1 | Manzoor A. Shah; Zafar A. Reshi; Irfan Rashid | Mapping, modelling and managing invasive species in some protected areas of Kashmir Himalaya, India | Department of Biotechnology (DBT), Government of India | 2019-2022 | 2019 | 6,891,400 |
| 2 | Anzar A. Khuroo; C.P. Singh | Characterizing patterns and processes of alpine ecosystem in Indian Himalaya with special emphasis to Jammu and Kashmir | Space Applications Centre (SAC-ISRO), Ahmedabad under SHRESTI Program | 2019-2023 | 2019 | 40,94,000 |
| 3 | Anzar A. Khuroo; Tanveer ul Hassan Dar | Management of Ox-Eye Daisy (<i>Leucanthemum vulgare</i>) in protected areas of Kashmir Himalaya | Department of Biotechnology (DBT), Government of India | 2019-2022 | 2019 | 46,87,200 |
| 4 | Anzar A Khuroo; Tanveer ul Hassan Dar | Conservation genetics and species recovery of threatened Himalayan Trillium in Hirpora wildlife sanctuary, Kashmir Himalaya | Department of Biotechnology (DBT), Government of India | 2019-2023 | 2019 | 75,50,480 |
| 5 | Manzoor A. Shah, et al. | Long-term monitoring of biodiversity and ecosystem processes in Indian grasslands (partner) | Ministry of Environment, Forest and Climate Change (MoEF&CC) | 2020-2023 | 2020 | 40,00,000 |
| 6 | Zafar A. Reshi and Manzoor A. Shah | Invasive alien plants in Himalayas: Status, ecological impact and management | Ministry of Environment, Forest and Climate Change (MoEF&CC) under NMHS | 2020-2022 | 2020 | 62,20,000 |
| 7 | Anzar A. Khuroo | Himalayan alpine biodiversity characterization and information network | Ministry of Environment, Forest and Climate Change (MoEF&CC) under NMHS | 2020-2023 | 2020 | 39,00,240 |
| 8 | Reyaz Ahmad Dar; Irfan Rashid | Phytoliths as quantitative indicators for the reconstruction of past environmental conditions in Kashmir Himalayas, India | Ministry of Earth Sciences (MoES), Government of India | 2021-2024 | 2021 | 65,50,430 |
| 9 | Zafar A. Reshi | Establishment of JK Chapter under Himalayan Knowledge Network | G.B. Pant National Institute of Himalayan Environment | 2021-2022 | 2021 | 5,00,000 |
| 10 | Riffat John | Investigation of altitudinal adaptation of <i>Trifolium pratense</i> in their natural habitats by proteomic and microbiome analysis | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2021-2024 | 2021 | 43,56,264 |
| 11 | Manzoor A. Shah; Sarla Khalid; Tanveer Rasool | Value products from invasive plant species for improving livelihoods of marginalized communities in Indian Himalaya | Department of Biotechnology (DBT), Government of India | 2022-2025 | 2022 | 85,66,800 |
| 12 | Manzoor A Shah and | Functional diversity, phenology, and frost | Science and Engineering | 2022- | 2022 | 48,09,992 |

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| | Anzar A. Khuroo | resistance in plants under extreme Himalayan environments | Research Board (SERB) Department of Science and Technology (DST) | 2025 | | |
| 13 | Riffat John | Mapping of QTL and identification of regulatory genes conferring cold stress tolerance in maize landrace from Kashmir Himalayan region | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2023-2026 | 2023 | 67,15,681 |
| 14 | Riffat John | Development of microbial consortia for improving growth and active components in <i>Bacopa monnieri</i> (L.) | National Medicinal Plants Board (NMPB), AYUSH | 2023-2025 | 2023 | 26,258,00 |
| 15 | Anzar A Khuroo | Systematics and conservation of <i>Genus Artemisia</i> L. (Asteraceae) in India | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2023-2027 | 2023 | 38,06,264 |
| 16 | Zafar A. Reshi; Manzoor A. Shah; Irfan Rashid | Biotechnological interventions for management of protected areas | Department of Biotechnology (DBT), Government of India | 2023-2026 | 2023 | 49,00,480 |
| 17 | Manzoor A Shah, et al. | Technological innovations for development of functional foods from ethnic fermented foods of the Indian Himalayas | Department of Biotechnology (DBT), Government of India | 2023-2027 | 2023 | 28,32,240 |
| 18 | Sumira Tyub; Irfan Rashid | Drivers of treeline shift in Kashmir Himalaya, Government of India | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2023-2025 | 2023 | 33,66,264 |
| 19 | Zahoor A. Kaloo | In vitro propagation as measure for conservation of the elite chemotype of the threatened medicinal herb <i>Rheum moorcroftiana</i> Royle from North Western Himalaya | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2023-2027 | 2023 | 35,86,264 |
| 20 | Shahzad Ahmad Pandit | Calcium oxalate crystals in <i>Rheum moorcroftiana</i> Royle, deciphering their synthesis and role in defense against herbivory and heavy metal stress. | Science and Engineering Research Board (SERB) Department of Science and Technology (DST) | 2023-2027 | 2023 | 46,00,000 |