

(Research Action Plan)

Research, Consultancy and Extention

1. Recently University has drafted rules and guidelines for sponsored research and consultancy and these will be finalized shortly. Institutional Ethics Review Board and a corpus fund to enhance the research activities at University level is being created. This fund will also help students to take up the research field trips, minor pilot projects and to organize the workshops.

HODs of each department are being asked to enhance the research activities with a view to come up with two research papers per faculty/ year in reviewed good IF journals.

2. As some faculty members may not be aware of the sources of funding from different agencies in India and abroad for research in their fields of specialization, therefore the details of such funding agencies (science, life sciences, social science, engineering, management and other subjects) have already been circulated to all the faculty members through respective Dean and Head of the departments.

With a view to increase the number of research projects faculty members of the schools has been asked to write grant proposals. Moreover, the head of the departments shall motivate/ encourage the faculty members to submit at least two research projects every year in order to create an atmosphere of research in their departments. The university shall provide space and infrastructure for setting up laboratories in the respective departments for such projects.

3. Faculty members are being encouraged to take up the good quality research and for this purpose senior researchers are being invited from other institutions to interact and give the lectures to faculty members in the respective fields.

4. Keeping in view the large number of developmental projects being implemented in the region, HODs have been asked to visit/ interact with the implementing agencies to hire the consultancy work of their projects.

5. Some of the departments like HAPPRC are involved in the commercial cultivation of important high altitude medicinal plants having high demand in the market. Farmers of the high altitude villages are involved in the commercial cultivation and sale of raw drugs to the pharmaceutical industries in augmenting their income. Other departments of the University are also being asked to take up such activities.

6. Like Political Science department having the UGC-SAP funding, other departments are also being asked to apply for such funding to strengthen their research activities.

7. Some departments like Adult Education, Sociology, Political Science, HAPPRC are already running the outreach programmes with the help of students and faculties. University has planned to strengthen such activities in future also.

Research Action Plan 2018 to 2023

On 2nd May, 2018 during the Visitor's Conference discussions were held to improve the quality research output in the Central Universities. After attending this conference on 4th May a meeting of faculty members was held to acquaint them about the discussions of this conference as well as strategies for improvement of the research output within the present research infrastructure in the University. Subsequently after receiving a D.O. letter from the Joint Secretary (CU), MHRD, GOI, Research and Consultancy Coordination Cell (RCCC) of the University was asked to suggest the ways and means for bringing changes and improving the quality of research output in HNB Garhwal University. On the basis of elaborate consultations with the faculty members the following action plan has been prepared for achieving excellence in research and its application.

1. As there are more than 250 academic positions of the various cadres are lying vacant therefore for bringing excellence in research the proven quality research competence will be given due consideration while making recruitment of the new faculty.

As the newly recruited faculty members may not be aware of the sources of funding from different agencies in India and abroad for research in their fields of specialization, therefore the details of such funding agencies (science, life sciences, social science, engineering, management and other subjects) have already been circulated to all the faculty members through respective Dean and Head of the departments.

The faculty members of the schools have been asked to write grant proposals. Moreover, the head of the departments shall motivate/ encourage the faculty members to submit at least two research projects every year in order to create an atmosphere of research in their departments. The university shall provide space and infrastructure for setting up laboratories in the respective departments for such projects.

2. To incentivize the best performers through honorarium and awards, a committee is being constituted to frame the evaluative parameters for judging the best performers. It is also planned that a part of the overhead budget of different projects sanctioned to the University will be used to award such promising researchers.

3. Proposal would be mooted to provide travel grant to at least two PhD scholars of the university on competitive basis, once during their research period.

3. As per the letter of the JS, MHRD, GOI, University has in principle agreed to allocate 10% of the total budget of university for strengthening of research activities in the University. Departments are also being asked to get grants from consultancies through various schemes like Namami Gange project, technology transfer, hydropower projects, medicinal plants board, society and community based development projects etc.

It is also being planned to encourage the High performing Departments (like Geology, Geography, Political Science, History and Archaeology, HAPPRC, Zoology & Biotechnology on the basis of their publications and projects) by allocating additional grants from the university sources and other funding agencies so as to develop them as Centre of Excellence.

4. USIC working as Central Instrumentation facility of the University has been asked to impart training to technical staff of the University on sophisticated analytical instruments so as to help the needy researchers in their research.

For the better functioning of equipments, annual maintenance of research equipments of different departments will be done through the maintenance grant of the University (departments have been asked to submit list of all the instruments in operational condition)

5. MoU have already been signed by the University for research collaboration with different national and international institutions like G.B. Pant National Institute of Himalayan Environment & Sustainable Development, Kosi Katarmal, Almora, Wadia Institute of Himalayan Geology, Dehradun; National Botanical Research Institute, Lucknow; University of Applied Forest Sciences Rottenburg, Germany, Linnaeus University, Sweden, University of Missouri, Columbia, USA, Ecole Pratique des Hautes Etudes (EPHE), Paris *etc*).

Further efforts are being made by the departments to work for developing more MoUs with other national and international institutions for better research outcome in their fields.

6. Through Innovation Cell of the University aspires to launch the innovation drives, by inviting experts in thrust and emerging areas of the research in science, life Science, History and archaeology, Political Science, Geography, Economics *etc.*, for the benefit of faculty members and researchers of the University.

7. It is also planned to organize periodic workshops for imparting necessary inputs for writing good research proposals.

8. Wi-Fi facility to access the internet resources like Web of Science, Science Direct, JSTOR and 24 hours power supply shall be ensured.

9. University is already engaged in transferring research knowledge to the community through broad engagement with community *e.g.*, Village Panchayats, Schools, Boards, and government.

These initiatives will lead this University in the direction of excellence in research.
