

Refresher Course

On

Pedagogical Techniques and Research Methodology (Physical, Biological, Social Sciences and Languages)

(March 12- 25, 2021)

Organized by:

**FACULTY DEVELOPMENT CENTRE
HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY
(A Central University)
SRINAGAR (GARHWAL), UTTARAKHAND – 246174**

NOTIFICATION – 26

March 01, 2021

The role of a teacher in the current century has been changed from mere information provider to a facilitator. The availability of information and communication technology has also necessitated further changes in existing teaching- learning and research methods. Thus, the pedagogy and research methodology of 21st century is quite different from the last century. There have been a number of improvements in the growth of national and world education since the beginning of the twenty-first century. Our lifestyle, modes of communication, mind-set, emotions, and channels of control on other people, social skills, and social actions are altered by digital technologies. A purposeful impact of society to train the younger generation for life is the pedagogical concept. As teachers, we are facing many difficulties, one of which is to find creative ways to motivate students in our classes to learn. For new teachers, there are so many teaching techniques that can be challenging.

Research is an academic activity and, as such, the term should be applied in a technical sense. This includes defining and redefining problems, formulating hypotheses or suggested solutions; collecting, organising and evaluating data; making deductions and drawing conclusions; and finally carefully testing the conclusions to determine whether they fit into the formulating hypothesis. The aim of the research is to find answers to questions through the application of scientific procedures. The main aim of research is to find out the truth that is hidden and has not yet been discovered.

Nowadays, refresher courses are oriented across disciplines to enable participants of different fields to work together for the development of societies in particular and of the nation in general. It is also at the soul of the National Education Policy 2020. Keeping above mentioned points in mind, Faculty Development Centre (FDC), HNB Garhwal University, established under the PMMMNMTT scheme of MoE, Govt. of India is organizing **Refresher Course** through online mode on “**Pedagogical Techniques and Research Methodology (Physical, Biological, Social Sciences and Languages)**” during **March 12-25, 2021**.

Course Content shall be as under:

- Dissemination of knowledge and actual teaching through digital mode.
- Laboratory and practical components wherever applicable.
- Multidisciplinary Education.
- New Education Policy.
- Pedagogical Techniques.
- The role of research, research process overview.

- Defining the research problem, Formulation of the research hypotheses, The importance of problems and hypotheses.
- Experimental and Non-experimental research design, Field research, and Survey research
- Processing and analysis of data.
- Ethical issues in conducting research.
- Use of tools / techniques for research.
- Newly emerging areas and patterns.

Anticipated Outcomes of the Refresher Course:

- Upgrade knowledge and keep the participants up to date on latest development in the subject.
- Create a broad knowledge base and apply it to solve the problems of society.
- Motivate them to pursue research and to familiarize them with the professional societies and sources of financial assistance for research activities.
- To develop understanding of the basic framework of research process.
- To develop an understanding of various research designs and techniques.
- To develop an understanding of the ethical dimensions of conducting applied research.
- Make the teachers aware of new methods and innovations in higher education leading them to develop their own strategies and methods of instruction.
- Exchange their experiences and experiments with peers and to mutually learn from each other.
- Create a culture of learning and self improvement among the teachers.

Interested higher education teachers may register for the Refresher Course on the prescribed application format latest by **09 -03- 2021** by using the following link:

https://docs.google.com/forms/d/e/1FAIpQLSeG_JXL6_L41hKbpVsfQwcy1d1FaWqY25Zq-iE77dIpb9IRjQ/viewform?usp=sf_link

The amount of **Rs. 1500/- (One Thousand Five Hundred only) (non-refundable)** would be the program conduction fee to attend this Refresher Course.

For any query mail to: fdchnbgu@gmail.com

Account Details:

Account No- 38698900528

IFSC Code- SBIN0010583

Account Holder Name- Director, FDC

Prof. Indoo Pandey Khanduri

Director