



To Whom It May Concern

This is to certify that UGC-HRDC of Gujarat University organises PhD coursework for the PhD scholars. It is of 150 hours and 10 credits. The details of the 10 credits are as follows:

1. **6 Credits:** HRDC conducts a PhD coursework of a total of Six Credits for “Research Skills.” It covers research methodology, quantitative methods, computer applications, tools and techniques for research and experimentation, instrumentation, communications skills, review of published research, report writing, seminar presentation, lab work and other academic activities etc. It also includes the 2 Credit “Research and Publication Ethics (RPE)” Course notified by UGC as compulsory for all Ph.D. scholars by UGC DO.No.F1-1/2018(Journal/CARE) December 2019.
2. **4 Credits:** The concerned department/school/institution/supervisor shall conduct the Coursework of Four Credits for the subject-specific coursework (60 hours). Out of the 60 hours, 25 hours shall be devoted to review of the subject/lab work, 25 hours to seminar in different contemporary and development issues in the subject/lab work and 10 hours shall be for review of research papers in the subject. The details of the specific subject related work is decided by the concerned Ph D supervisor. The concerned department/ school/ institution/ supervisor submits the course completion certificate of 4 credits to HRDC.

Prof. Dr. Jagdish S Joshi
Professor & Director
UGC-HRDC, Gujarat University, Ahmedabad

Date: 10-2-2020

Place: Ahmedabad