



**Knowledge Network of
Indian Institute of Technology, Gandhinagar
Under TEQIP-II Initiative (MHRD, Govt. of Gujarat)**

Workshop on RESEARCH METHODOLOGY

Date: 27/10/2015 to 31/10/2015 (5-days)
Time: 9:30 am reporting time on 27th October 2015
Venue: IIT Gandhinagar
Target group: Faculty members
Register At: www.iitgn.ac.in/kn
Dead line: 17th October 2015

Research in common terminology refers to a search for knowledge but in fact, research is an art of scientific investigation. It inculcates the necessity to develop critical acumen and use of focused methodology for problem solving.

According to Clifford Woody, research comprises of defining and redefining problems, formulating hypothesis or suggested solutions; collecting, organizing, and evaluating data, making deductions and reaching conclusions; and finally carefully testing the conclusions to determine whether they fit the formulating hypothesis.

This 5 day workshop will include session on developing research ideas and methodology. It shall initiate with consolidating thoughts, literature survey, technical writing norms, and presenting the work. Special emphasis will be given on synthesising the problem and formulating hypothesis for further studies. Every presentation will be followed by interaction among participants and critical feedback from the faculty. An introduction will be given on some research tools and collaborating research projects. The workshop will conclude with peer review and feedback.
