

BITS G661 Research Methodology

I. Scope and objective of the course

It is expected that those who opt to work for the Ph.D. degree in the general embark on a career of research and development and/or teaching. In their professions they would be called upon to express themselves both orally and in writing to their peers and students.

The objective of this course is to train the Ph.D. students in the art of research and involves various related aspects. This course helps the students in gaining deeper understanding of fundamental concepts and acquiring the techniques of communicating at a professional level.

II. Operation of the course

All Ph.D. students will be assigned an on-going project generally drawn from the core courses of the first/higher degree under the guidance of a senior faculty member. Several practice lectures will be held in which each student will be given an opportunity. Besides the technical contents, the basic important points to be focused during the lectures are.

- a) planning
- b) Oral communication
- c) Audience awareness
- d) Style of presentation.

Each Ph.D. candidate including faculty candidate will submit a Mid-semester Report and a final report, which will include the following.

- a) Outline of lectures delivered or other related activities.
- b) References and bibliography of literature consulted
- c) Conclusions.