

B.Tech. Biotechnology: Semester-VI	
BBT 605: Project Management and Paper Writing	
<b>Teaching Scheme</b>	<b>Examination Scheme</b>
Lectures: 3 hrs/Week	Class Test -12 Marks
Tutorials: 1 hr/Week	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

### Course Objective

It is intended to impart basic undergraduate level knowledge in the area project management and technical writing. This paper will help students to assimilate recent research findings and writing research papers, dissertation and reports.

### Course Learning Outcomes

- After completing the course, the student shall be able to:
- CO1: Understand basics of research paper writing
  - CO2: Differentiate between research article and review article
  - CO3: Identify the methods to collect the data
  - CO4: Understand the objectives for writing a scientific paper
  - CO5: Evaluate the authenticity of a project preparation

#### Unit 1: Purpose of your Dissertation

Understanding originality and significance during defining of problems, generate questions and hypotheses, review and summarize the literature, apply appropriate methods, collect data properly, analyze and judge evidence, discuss findings, produce publishable results, engage in a sustained piece of research or argument, think and write critically and coherently.

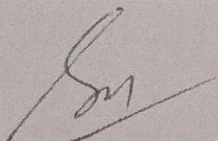
#### Unit 2: Preparation of dissertation report

Either objective wise or in traditional manner. Preparation of project presentation for assessment and viva.

#### Unit 3: Writing a Scientific Paper:

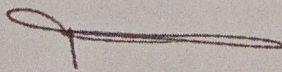
Title specification, Abstract, Key words, Introduction, Materials and Methods, Results, Discussion, Tables and Figures, Citations, Reference lists.  
Format, Flow, Abbreviations in text, etc.

Note: In this student will have to write a scientific paper (review or original article) which will be judged by the external examiner and evaluated out of 100 including viva voice.



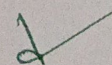
Head

Department of Biotechnology  
Invertis University, Bareilly



Dean

Faculty of Science  
Invertis University, Bareilly (U.P.)



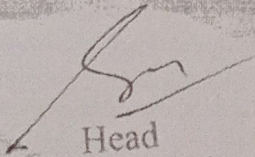
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**Writing a Scientific Paper:** Title specification, Abstract, Key words, Introduction, Materials and Methods, Results, Discussion, Tables and Figures, Citations, Reference lists.  
Format, Flow, Abbreviations in text, etc.


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### Suggested Readings

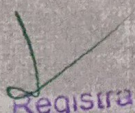
- Project Management: A Managerial Approach, J.P. Meredith and S.J. Mantel, John Wiley and Sons Inc.
- Project Management: The Managerial Process, Clifford F. Gray and Erik W. Larson



Head  
Department of Biotechnology  
Invertis University, Bareilly (U.P.)



Dean  
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Invertis University, Bareilly (U.P.)



Registrar  
Invertis University,  
Bareilly