



BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE  
(AUTONOMOUS)

DEPARTMENT OF CSE - ARTIFICIAL INTELLIGENCE & DATA SCIENCE

III Year II Semester

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TECHNICAL PAPER WRITING & IPR

**Course Objective:**

1. The course will explain the basic related to writing the technical reports and understanding the concepts related to formatting and structuring the report. This will help students to comprehend the concept of proofreading, proposals and practice

**UNIT-I: Introduction:** An introduction to writing technical reports, technical sentences formation, using transitions to join sentences, Using tenses for technical writing.

**Planning and Structuring:** Planning the report, identifying reader(s), Voice, Formatting and structuring the report, Sections of a technical report, Minutes of meeting writing.

**UNIT-II: Drafting report and design issues:** The use of drafts, Illustrations and graphics.

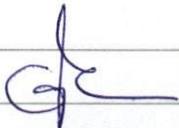
**Final edits:** Grammar, spelling, readability and writing in plain English: Writing in plain English, Jargon and final layout issues, Spelling, punctuation and Grammar, Padding, Paragraphs, Ambiguity.

**UNIT-III: Proofreading and summaries:** Proofreading, summaries, Activities on summaries.

**Presenting final reports:** Printed presentation, Verbal presentation skills, Introduction to proposals and practice.

**UNIT-IV: Using word processor:** Adding a Table of Contents, Updating the Table of Contents, Deleting the Table of Contents, Adding an Index, Creating an Outline, Adding Comments, Tracking Changes, Viewing Changes, Additions, and Comments, Accepting and Rejecting Changes, Working with Footnotes and Endnotes, Inserting citations and Bibliography, Comparing Documents, Combining Documents, Mark documents final and make them read only., Password protect Microsoft Word documents., Using Macros,

**UNIT-V: Nature of Intellectual Property:** Patents, Designs, Trade and Copyright. Process of **Patenting and Development:** technological research, innovation, patenting, development. International Scenario: International cooperation on Intellectual Property

Dr. A S N CHAKRAVARTHY, Professor, Department of CSE, UCEK JNTUK, Kakinada	Dr. JIMSON MATHEW Professor Dept of Computer Science and Engg. Indian Institute of Technology Patna	Prof. CHAPRAM SUDHAKAR Professor, Department of CSE, National Institute of Technology, Warangal - 506 004 Telangana, INDIA	Mr. RAJESH BOBBURI COO & Director, HighQ Labs Pvt Ltd, Rajahmahendravaram	 Mrs. G VIJAYA KUMARI Assoc Professor & HoD Department of CSE-AI & DS, AIML B.V.C.I.T.S. Batlapalem
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**Text Books:**

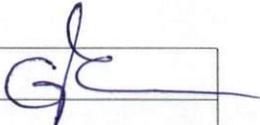
1. Kompal Bansal & Parshit Bansal, "Fundamentals of IPR for Beginner's", 1<sup>st</sup> Ed., BS Publications, 2016.
2. William S. Pfeiffer and Kaye A. Adkins, "Technical Communication: A Practical Approach", Pearson.
3. Ramappa, T., "Intellectual Property Rights Under WTO", 2<sup>nd</sup> Ed., S Chand, 2015.

**Reference Books:**

1. Adrian Wallwork, English for Writing Research Papers, Springer New York Dordrecht Heidelberg London, 2011.
2. Day R, How to Write and Publish a Scientific Paper, Cambridge University Press(2006)

**E-resources:**

1. <https://www.udemy.com/course/reportwriting/>
2. <https://www.udemy.com/course/professional-business-english-and-technical-report-writing/>  
<https://www.udemy.com/course/betterbusinesswriting/>

				
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