

Branch Name:	Bachelor of Computer Application (BCA)
Program Code:	CS101
Course Title:	English for Writing Research Paper
Course Code:	17-CAM403-4C
Pre-requisite Course:	Students need basic academic writing skills, good grammar, and English proficiency to understand texts and write effective research content.

Course Objective (CO):

This course is intended to make the students:

CO1: Understand basics of research paper writing and academic English.

CO2: Write clearly by paraphrasing, breaking long sentences, and avoiding ambiguity.

CO3: Organize and structure all sections of a research paper.

CO4: Follow ethical writing and avoid plagiarism.

CO5: Use referencing styles (APA, IEEE, MLA) and academic phrases.

CO6: Review and improve the paper before submission.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)		Practical (Marks)		Total (Marks)
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
3	--	2	4	50	25	-	25	100

Course Contents:

Sr. No	Topics	Total Hours	Weightage (%)
1.	Unit 1: Basics of Research Writing: - What is research and research paper - Types of research (qualitative & quantitative) - Structure of research paper - Steps in writing research paper - Research proposal preparation	10	20
2.	Unit 2: Academic English & Writing Skills: - English for Academic Purposes (EAP) - Reading, writing, speaking, listening skills - Formal writing style - Business and academic communication - Report writing and e-communication	10	20
3.	Unit 3: Writing a Research Paper: - Title and abstract writing - Literature review - Methodology section - Data collection & analysis - Discussion and conclusion - Documentation and formatting	10	20
4.	Unit 4: Citation & Documentation: - Referencing styles (MLA, APA etc.) - Use of abbreviations and citation rules - Avoiding plagiarism - Use of library and online research tools (INFLIBNET, digital libraries)	09	20
5.	Unit 5: Research Tools & Practical Work: - Preparing research proposal - Writing mini research paper - Use of online databases - Library visits and data collection - Presentation of research work	09	20

Course Learning Outcomes (CLO):

At the end of this course, the student would be able

- CLO1: Plan and write a research paper using correct academic English.
- CLO2: Write clearly by breaking long sentences and avoiding ambiguity.
- CLO3: Structure all sections of a research paper properly.
- CLO4: Avoid plagiarism and use ethical writing practices.
- CLO5: Apply referencing styles (APA, IEEE, MLA) correctly.
- CLO6: Review and improve the research paper before submission.

List of Text Book:

- English for Writing Research Papers – Adrian Wallwork
- Writing for Science – Robert Goldbort
- How to Write and Publish a Scientific Paper – Robert A. Day
- Handbook of Writing for the Mathematical Sciences – Nicholas J. Higham

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E-Resource / Web Links:

- <https://link.springer.com/book/10.1007/978-3-031-31072-0>
- [Purdue Online Writing Lab \(OWL\)](#)
- [Google Scholar](#)
- [Springer Link](#)
- [IEEE Xplore Digital Library](#)

Mapping of CLO with PO and PSO

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes (PSOs)		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO2	PSO 3
CLO1			H		H		M			L					
CLO2	H			H	H	M		M	M	M	L	M		H	
CLO3		M	H									M			M
CLO4	H			H							M			H	
CLO5		H	H	H	M	M	M		H	M	M	H			H
CLO6		H	H	H	M	M	M		H	M	M	H			H

H: High, M: Medium, L: Low

Practical List

- Practical in “English for Writing Research Papers” is an activity where students write and structure a research paper using academic English.
- It is a session in which students apply theoretical knowledge to prepare Abstract, Introduction, and other sections of a research paper.
- Practical involves writing, paraphrasing, and referencing to create a complete and submission-ready research paper.
- It is an exercise where students practice clarity, conciseness, and proper organization in research writing.
- Practical in this subject helps students develop skills to write, format, and proofread a research paper according to academic standards.