



# बिरसा मुंडा ट्रायबल युनिवर्सिटी Birsa Munda Tribal University

राजपिपला, जि. नर्मदा Rajpipla, Dist. Narmada

Established by Tribal Development Department, Govt. of Gujarat

## School of Science

### B.Sc. (Zoology) Programme

**Subject Code & Subject Name:** BS02AEZOO2 Scientific Communication Skills

#### Teaching and Evaluation Scheme:

Teaching Scheme				Examination Scheme			
Credits				Component Weightage			
				CCE		SEE	
L	T	P	Total	TH	PWE	TH	PWE
2	-	-	2	25	00	25	00

Programme Name	B.Sc. Zoology
Semester	II
Course Code	BS02AEZOO2
Course Title	Scientific Communication Skills
Course Content Type (Th./Pr.)	Theory
Course Credit	2
Sessions+ Lab. Per Week	2
Total Teaching/Lab. Hours	30 Hours
* 2 Laboratory = 1 Session	

#### Learning Objectives

- To develop effective communication skills tailored for scientific contexts
- To enhance presentation and public speaking skills for scientific topics
- To improve collaborative communication skills for scientific research and projects

#### Prerequisites (if any)

#### Learning Outcomes

On the Completion of this course, students will able to:

- Communicate scientific ideas both verbally and in writing
- Deliver clear and engaging presentations on scientific topics
- Collaborate effectively in group discussions and research projects





# बिरसा मुंडा ट्रायबल युनिवर्सिटी Birsa Munda Tribal University

राजपिपला, जि. नर्मदा Rajpipla, Dist. Narmada

Established by Tribal Development Department, Govt. of Gujarat

## School of Science B.Sc. (Zoology) Programme

Detailed Contents		
UNIT	TOPIC/SUB-TOPIC	TEACHING HOURS
I	<b>Unit 1: Scientific Communication</b> <ul style="list-style-type: none"><li>Fundamentals of Scientific Communication: Clarity, Precision, and Objectivity</li><li>Communicating Scientific Data: Graphs, Tables, and Figures</li><li>Writing Abstracts, Summaries, and Scientific Reports</li></ul>	15
II	<b>Unit 2: Presentation and Public Speaking</b> <ul style="list-style-type: none"><li>Techniques for Effective Scientific Presentations</li><li>Use of Visual Aids in Presentations</li><li>Public Speaking Skills: Clarity, Engagement, and Confidence</li></ul>	15
<b>Reference Books</b> <ul style="list-style-type: none"><li>Alley, Michael. The Craft of Scientific Writing. Springer.</li><li>Peat, Jennifer, et al. Scientific Writing: Easy When You Know How. BMJ Books.</li><li>Day, Robert A., and Barbara Gastel. How to Write and Publish a Scientific Paper. Cambridge University Press.</li></ul>		

**L::** Lecture, **T::** Tutorial , **P::**Practical

**CCE::**Continuous and Comprehensive Evaluation

(CCETheory includes Mid Semester Examination, Assignment, MCQ quizzes, Seminar, Reflective notes, class participation, case analysis and presentation, slip tests (announced/ surprised), attendance etc. or any combination of these)

**PWE::**Practical Work Examination

(PWE includes Laboratory practical work, project work, viva simulation exercise work etc.)

**SEE::**Semester End Evaluation

