



**Faculty: Arts**

**Programme Name: Bachelor of Arts**

**Programme Code:**

**Subject: Psychology**

**Academic Year: 2024-2025**

**Choice-based Credit System Syllabus  
proposed to the Board of Studies in  
Psychology with effect from June 2024**

## **COURSE NAME: Scientific Reading for Research in Psychology**

### ❖ **Learning Objectives:**

- To understand the scientific reading process used in psychology.
- To learn how to search for scientific reference material and review them.

<b>Class</b>	<b>Semester</b>	<b>Course Code</b>	<b>Course Name</b>	<b>No. of hours per semester/ per week</b>	<b>Credits</b>	<b>Marks</b>
<b>SYBA</b>	<b>3</b>	<b>SIUPSY22 1</b>	<b>Scientific Reading for Research in Psychology</b>	<b>1 theory+1 practical</b>	<b>2</b>	<b>50</b>

### ❖ **Course Outcomes:**

On the completion of this course, students will be able to:

- 1) Describe the process of scientific reading
- 2) Use databases to search for scientific papers
- 3) Evaluate scientific papers
- 4) Create data review sheets

<b>Unit no.</b>	<b>Name of the Unit</b>	<b>No of hours</b>
<b>1</b>	<b>Introduction to Research</b> a) What is Research and What Research is not. b) Critical thinking in Research. c) Types of Research: Fundamental Research, Applied research; Quantitative research, Qualitative Research, Mixed method research, Primary research, Secondary research.	<b>8</b>
<b>2</b>	<b>Steps of Research</b> a) The Research Problem and the Research Question. b) Review of Literature. c) Developing a Hypothesis.	<b>8</b>

	d) Developing the method of doing research (Design and Sampling). e) Data Collection and Data Analysis. f) Writing the Findings.	
<b>3</b>	<p style="text-align: center;"><b>Searching for scientific reading</b></p> a) What is a scientific reading material? b) Types of Articles (Original research articles, Review articles, Case studies, Commentaries.) c) Doing a literature review. d) Manual method for literature review. e) Online databases for literature review.	<b>10</b>
<b>4</b>	<p style="text-align: center;"><b>Curating a data review sheet</b></p> a) What is a data review sheet? b) Using excel for curating a data review sheet. c) Using AI tools for data review.	<b>4</b>

**Books for reference:**

1. Singh, Y. K. (2006). *Fundamental of Research Methodology and Statistics*. New Age International. [http://books.google.ie/books?id=zrFw-bt6PKIC&printsec=frontcover&dq=fundamentals+of+research&hl=&cd=2&source=gbs\\_api](http://books.google.ie/books?id=zrFw-bt6PKIC&printsec=frontcover&dq=fundamentals+of+research&hl=&cd=2&source=gbs_api)
2. Bhattacharjee, A. (2012). *Social Science Research*. CreateSpace. [http://books.google.ie/books?id=MW\\_euQAACAAJ&dq=Social+Science+Research:+Principles,+Methods,+and+Practices&hl=&cd=1&source=gbs\\_api](http://books.google.ie/books?id=MW_euQAACAAJ&dq=Social+Science+Research:+Principles,+Methods,+and+Practices&hl=&cd=1&source=gbs_api)
3. Petticrew, M., & Roberts, H. (2008). *Systematic Reviews in the Social Sciences*. John Wiley & Sons.

[http://books.google.ie/books?id=ZwZ1\\_xU3E80C&printsec=frontcover&dq=Systematic+Reviews+in+the+Social+Sciences+A+PRACTICAL+GUIDE&hl=&cd=1&source=gbp\\_api](http://books.google.ie/books?id=ZwZ1_xU3E80C&printsec=frontcover&dq=Systematic+Reviews+in+the+Social+Sciences+A+PRACTICAL+GUIDE&hl=&cd=1&source=gbp_api)

### **PATTERN OF EVALUATION**

<b>Component</b>	<b>Marks</b>
Mid semester class test	20
Assignment	30
<b>Total</b>	<b>50</b>