

Syllabus – Course Work

Teaching Pedagogy

Duration – 30 Hours

Foundations of Teaching & Learning (T&L)

Topics

1. Meaning and purpose of teaching in higher education
2. Learning theories:
 - a. Behaviorism, Cognitivism, Constructivism
 - b. Social learning & experiential learning
3. Outcome-Based Education (OBE)

Teaching Methods & Strategies

Topics

1. Traditional vs. modern pedagogies
2. Interactive strategies:
 - a. Think–Pair–Share
 - b. Problem-based learning
 - c. Case study method
 - d. Flipped classroom
 - e. Project-based learning
3. Technology-enabled teaching (ICT tools)
4. Inclusive and multicultural teaching practices

Classroom Management & Communication

Topics

1. Managing diverse classrooms
2. Teacher–student interaction
3. Professional & academic communication
4. Managing large groups and difficult learners

Writing Skills & Scholarly Communication

Writing Research Papers, Articles & Reports

Topics

1. IMRAD structure
2. Reviewing literature & synthesizing sources
3. Writing problem statements, objectives & hypotheses
4. Writing results, discussion & conclusion
5. Selecting journals; UGC-CARE, SCOPUS, WoS
6. How to respond to reviewers

Advanced Research Writing Tools

Topics

1. Reference managers: Zotero, Mendeley
2. AI-based scholarly tools (allowed vs unethical use)
3. Grammar & style tools
4. Research databases: Scopus, PubMed, JSTOR, IEEE

Thesis/Dissertation Writing

Topics

1. Structure of a PhD thesis
2. Writing each chapter in detail
3. Maintaining academic rigor
4. Formatting & submission guidelines
5. Ethical approvals, data management

Practical

- Prepare thesis outline and chapter plan

Scientific Writing & Presentation Skills

Topics

1. Writing conference papers
2. Preparing posters
3. Creating effective PPT presentations
4. Oral communication & public speaking for defence/seminars

Practical

- Give a 5-minute research presentation
- Prepare a scientific poster

Recommended Books & Readings

Teaching Pedagogy

- Brown, G., & Atkins, M. *Effective Teaching in Higher Education*.
- Ramsden, P. *Learning to Teach in Higher Education*.
- Biggs, J., & Tang, C. *Teaching for Quality Learning at University*.
- UNESCO Resources on Higher Education Pedagogy

Writing Skills

- Murray, R. *How to Write a Thesis*.
- Hartley, J. *Academic Writing and Publishing*.
- Creswell, J. *Research Design*.
- Booth, Colomb & Williams – *The Craft of Research*.
- APA Publication Manual, MLA Handbook