



Gujarat Vidyapith
Ahmedabad

व्यावसायिक
संज्ञता
मंदिर



Ph.D. Course-Work Programme (12 Credits, 3 Months)

प्राणजीवन विद्यार्थी भवन

Ph.D. Course-Work Programme (12 Credits, 3 Months)

(Based on the provisions Outlined in Chapter 15.9 of the NEP 2020)

Module No.	Module Title	Credits
1	Advanced Pedagogical Practices and Reflective Teaching	2
2	Curriculum Design and Knowledge Construction	2
3	Designing Credible and Inclusive Evaluation Systems	2
4	Academic Writing, Scholarly Communication, and Research Dissemination	2
5	Basics of IPR and Data Mining in Academic Research	1
6	Research and Publication Ethics (UGC Approved Course)	2
7	Interdisciplinary Seminar and Peer Colloquium	1

Programme Outcomes (POs)

1. **PO1:** Demonstrate advanced knowledge of pedagogical theories, curriculum practices, and assessment systems.
2. **PO2:** Develop the ability to conduct original and ethical research contributing to educational innovation and equity.
3. **PO3:** Communicate effectively through academic writing, publishing, and scholarly discourse.
4. **PO4:** Understand legal, technological, and ethical responsibilities in educational research and practice.

Programme Specific Outcomes (PSOs)

1. **PSO1:** Critically analyze and apply educational theories in teaching, learning, and curriculum design.
2. **PSO2:** Construct and evaluate reliable, inclusive, and context-sensitive educational assessment tools.
3. **PSO3:** Apply data literacy and research ethics to generate impactful and credible educational research.
4. **PSO4:** Disseminate research through appropriate academic and public platforms.

Course Outcomes (COs) –(Unit-Wise) and Mapping

Module No.	Course Outcome (CO) – Module-Wise	PO Mapping	PSO Mapping
1	CO1: Critically analyse pedagogical frameworks and reflect on professional teaching identity	PO1	PSO1
2	CO2: Design a culturally relevant, competency-based curriculum aligned with NEP 2020	PO1	PSO1
3	CO3: Construct credible and inclusive assessment systems using innovative and ethical tools	PO1, PO2	PSO2
4	CO4: Produce academic writing outputs suitable for publication and peer discourse	PO3	PSO4
5	CO5: Demonstrate understanding of IPR and use basic data mining tools for data interpretation	PO2, PO4	PSO3
6	CO6: Apply principles of research ethics and avoid plagiarism using appropriate tools	PO4	PSO3
7	CO7: Present research ideas in an interdisciplinary academic forum and provide constructive peer feedback	PO3	PSO4

Unit-Wise Details of the Content

Module 1: Advanced Pedagogical Practices and Reflective Teaching (2 Credits)

Objectives:

- Engage with advanced theories of pedagogy and learning.
- Apply reflective and critical teaching practices.
- Adapt pedagogical approaches to diverse and inclusive settings.

Topics:

- Learning theories (constructivism, social learning, heutagogy)
- Culturally responsive and inclusive pedagogies
- Reflective teaching and critical pedagogy (Freire, hooks)
- Pedagogy in digital, multilingual, and under-resourced contexts
- Teacher agency and professional identity

Suggested Activities:

- Reflective teaching portfolio
- Classroom-based pedagogical analysis
- Self Study reports/assignments

Module 2: Curriculum Design and Knowledge Construction in Contemporary Education (2 Credits)

Objectives:

- Understand philosophical and sociological foundations of curriculum.
- Design curriculum that is interdisciplinary, inclusive, and locally relevant.
- Analyze national and global curriculum trends.

Topics:

- Classical and critical curriculum theories (Tyler, Taba, Stenhouse)
- NEP 2020 and NCF-SE 2023 implications
- Competency-based and experiential learning design
- Decolonizing curriculum and integrating Indian Knowledge Systems
- Curriculum mapping and backward design

Suggested Activities:

- Curriculum design project(CO-PO Mapping)
- Policy analysis paper
- Peer feedback presentation

Module 3: Designing Credible and Inclusive Evaluation Systems (2 Credits)

Objectives:

- Explore reliable and valid assessment strategies for varied learners.
- Design context-sensitive tools aligned with learning outcomes.
- Integrate inclusive and alternative assessments.

Topics:

- Assessment principles: validity, reliability, equity, feedback
- Holistic Progress Card and NEP 2020 evaluation shift
- Formative, summative, and diagnostic assessment tools
- Inclusive and alternative assessments (portfolios, rubrics, peer/self-assessment)
- Ethical considerations in educational assessment

Suggested Activities:

- Tool design and validation report
- Assessment rubrics
- Viva on assessment ethics

Module 4: Academic Writing, Scholarly Communication, and Research Dissemination (2 Credits)

Objectives:

- Develop clarity and structure in academic writing.
- Learn the art of research dissemination through diverse platforms.
- Understand academic publishing norms and conventions.

Topics:

- Components of academic writing: argumentation, coherence, citations
- Referencing styles (APA, MLA)
- Writing research proposals, abstracts, and articles
- Peer review process and journal selection
- Communicating research beyond academia (policy briefs, blogs, conferences)

Suggested Activities:

- Submission-ready research/ concept paper draft
- Book reviews
- Oral presentation in seminar format

Module 5: Basics of IPR and Data Mining in Academic Research (1 Credit)

Objectives:

- Build awareness of IPR laws.
- Understand basic concepts and tools in data mining.
- Apply data mining techniques to large educational datasets.

Topics:

- Introduction to patents, copyrights, trademarks, creative commons
- Introduction to data mining and big data in education field
- Classification, clustering, prediction techniques
- Tools: Excel, R, SPSS, or Orange (introductory level)
- Applications in dropout prediction, student performance, feedback analysis

Suggested Activities:

- Report on IPR/plagiarism policy
- Hands-on data mining mini-project
- Presentation of findings using visualizations

Module 6: Research and Publication Ethics (RPE) -UGC Approved Course (2 Credit)

Objectives:

- Understand ethical norms in educational research.
- Build awareness of ethical publication standards.
- Protect academic outputs and understand plagiarism and copyright.
- Develop skills to detect and avoid plagiarism.

Topics:

- Philosophy and Ethics
- Scientific Conduct
- Publication Ethics

Suggested Activities:

- Open Access Publishing
- Publication Misconduct
- Databases and Research Matrics

Module 7: Interdisciplinary Seminar and Peer Colloquium (1 Credit)

Objectives:

- Foster interdisciplinary dialogue and peer feedback.
- Encourage collaborative academic thinking.

Suggested Activities:

- Presentation of research proposal drafts
- Peer review and constructive critique
- Seminar lectures/presentations
- Integration of theory, practice, and methodology across themes
- Participation and feedback logs
- Final seminar presentation

Proposed Strategy for Evaluation (Total 100 Marks)

Assessment Component	Weightage
Seminar Presentation	20%
Written Assignment / Reflective Essay	20%
Project / Tool / Curriculum Design	30%
Term-End Written / Viva Examination	30%

Suggested Readings (Selected)

- APA (2020). Publication Manual of the American Psychological Association.
- Belcher, W. L. (2019). Writing your journal article in 12 weeks: A guide to academic publishing success (2nd ed.). University of Chicago Press.
- Black, P. & Wiliam, D. (1998). Assessment and Classroom Learning.
- Creswell, J. W. (2022). Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research.
- Ministry of Education (2020). National Education Policy 2020. New Delhi: MoE.
- National Academy of Sciences (U.S.). (2017). Fostering integrity in research. <https://doi.org/10.17226/21896>
- National Council of Educational Research and Training. (2023). National Curriculum Framework for School Education (NCF-SE). https://ncert.nic.in/pdf/NCF/NCF-SE_2023.pdf
- Shulman, L. S. (1986). Those Who Understand: Knowledge Growth in Teaching. Harvard Educational Review.
- Tyler, R. W. (1949). Basic Principles of Curriculum and Instruction.
- UGC (2020). Research Ethics and Plagiarism Guidelines.
- University Grants Commission (India). (2019). UGC Guidelines on Academic Integrity and Research Misconduct. <https://www.ugc.ac.in>
- WIPO (2022). Understanding Intellectual Property Rights.

Instructions

- Applications from Ph.D. Scholars of other universities are invited for admission.
- Classes arranged on Saturdays & Sundays
- The duration of the program is three months. The first batch will start from September 05, 2025.
- Any interested researchers, who meet the minimum educational qualifications prescribed by UGC for Ph.D. admission, can apply for admissions to enhance their research competence and qualification by securing the admission.
- Scholars may substitute eligible MOOCs in the lieu of any Module with prior approval of the competent Authorities. They will be given proportionate exemption from attending classes.
- Credit transfer facility is available for researchers who wish to study specific Modules instead of the entire program.
- The class size of the course will be 60.
- The program will be conducted in Gujarati, Hindi and English.
- The fees for the programme Rs. 5000.
- **Click the link for the Admission:** https://web.gujaratvidyapith.org/phd_course_work/

For further inquiry:

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