

GURU KASHI UNIVERSITY



**Doctor of Philosophy (Music
and Gurmat Sangeet)**

Session: 2025-26

Faculty of Visual & Performing Arts

Program Structure									
Course Code	Course Title	Type of Course	L	T	P	Total Credits	Internal	External	Total Marks
PPH109	Research Methodology	Core	4	0	0	4	30	70	100
PPH102	Research and Publication Ethics	Core	2	0	0	2	30	70	100
PPH138	Hindustani Classical Music and Gurmat Sangeet : A Scientific Approach	Core	4	0	0	4	30	70	100
PPH104	Computer Applications in Research	Skill Based	0	0	4	2	30	70	100
Total Numbers of Credits						12	120	280	400

Course Title: Research Methodology
Course Code:- PPH109

L	T	P	Credits
4	0	0	4

Total Hrs.60

Course Learning Outcomes:

Upon the completion of this course (Research Methodology), the learners will be able to:

1. Identify and explain the main research paradigms (qualitative, quantitative, mixed-methods) and methodologies (experimental, survey, ethnographic, etc.) relevant to visual and performing arts research.
2. Develop a research proposal, including a clear research question, objectives, methodology, and expected outcomes, relevant to visual and performing arts.
3. Analyze and critique research studies in visual and performing arts, identifying strengths, limitations, and potential biases.
4. Identify and apply ethical principles and guidelines in research, including informed consent, confidentiality, and intellectual property.
5. Use appropriate research tools and techniques, select and apply appropriate research tools and techniques, (surveys, interviews, observations and content analysis) in visual and performing arts research.
6. Collect, analyze, and interpret data using appropriate statistical and qualitative methods, relevant to visual and performing arts research.
7. Communicate research findings effectively through presenting research findings in a clear, concise,

and visually effective manner, using appropriate formats (academic papers, presentations, exhibitions).

8. Integrate research into practice through Apply research findings in visual and performing arts.
9. Develop critical thinking and problem-solving skills through the analysis and critique of research studies and the design of research proposals.
10. Develop creative and innovative thinking through the application of research methodologies to visual and performing arts practice.
11. Develop effective communication and collaboration skills through the presentation and discussion of research findings and proposals.
12. Design a research study in any domain of performing arts-music.

Course Contents

Research Methodology in Visual & Performing Arts

Unit I

15 Hours

- Defining research and its significance.
- Aims and objectives/scope and types of research
- Areas of research in visual and performing arts
- Criteria for selection of the research problem.

Unit II

15 Hours

- Sources of research (primary and secondary) in visual and performing arts.
- Methods of data collection and its tools.
- Formulation of hypothesis and its types.
- Sampling design
- Writing synopsis

Unit III

15 Hours

- Methods of data analysis
- Tabulation, statistical data analysis
- Drawing inferences
- Writing research report

Unit IV

15 Hours

- Multi-disciplinary research approaches in visual and performing arts.
- Research design for therapeutic studies in visual and performing arts.

Transaction Mode

- Group Discussion, Quiz, Open Talk, One-minute presentation/art performance, Assignment

Suggested Readings

- Best John w., (1971) Research in education, Englewood Cliffs, Prentice Hall, Inc, New Jersey.
- Sharma Manorma, (1990) Sangeet evam Shodh parvidhi, Chandigarh Sahitak Academy
- Sharma Ravi. (2020) Sangeet mein shodh parvidhi, Touryatrikam Publication, Delhi
- Sharma Dr. Vandana, (2016) Bhartiya sangeet mein anusandhan ki samsyaein, Sanjay publication, Delhi
- Montgomery, D. C & Kowalski, S. M. (2007). *Design and Analysis of Experiments*, Hoboken, New Jersey: John Wiley and Son.
- Kothari, C.K. (2004). *Research Methodology: Methods and Techniques*, New Delhi: New Age International Publication.
- Krishna swamy, K N, Siva kumar, AI & Mathirajan, M. (2005) *Research Methodology: Integration of Principles, Methods and Techniques*, New Delhi: Pearson Education.
- Chawla, Deepak & Sondhi, Neena. (2002). *Research Methodology Concepts and Cases*, New Delhi: Vikas Publishing House Pvt Ltd.
- Panneerselvam, R. (1998). *Research Methodology*, New Delhi: PHI Publication.
- Cooper, D. R., Schindler, P. S. (2016). *Business Research Methods*, New York: Tata McGraw Hill.
- Gupta, S. P. (2021) *Statistical Methods*, Delhi: Sultan Chand & Sons Publication (Forty Sixth Revised Edition)
- Bryman, Alan (2012): *Social Research Methods*, 4th ed., Oxford: Oxford University Press.
- Bryman, Alan, (2018), *Social Research Methods*, (5th ed.). New Delhi: Oxford University Press.
- Della Porta, Donatella and Michael Keating (2008): —How Many Approaches in the Social Sciences? An Epistemological Introduction, in: Donatella Della Porta and Michael Keating (eds.), *Approaches and Methodologies in the Social Sciences*, Cambridge: Cambridge University Press.
- Denzin, Norman and Yvonna Lincoln (2013): —*Introduction: The Discipline and Practice*

of Qualitative Research, in Norman Denzin and Yvonna Lincoln, *Collecting and Interpreting Qualitative Materials*, London: Sage.

- Giri, Arunangshu, Biswas, Debasish, (2019), *Research Methodology For Social Sciences*, New Delhi: Sage Publications India Pvt Ltd.
- Kumar, Ranjit, (2019), *Research Methodology: A Step-By-Step Guide For Beginners*, (5th ed.). New Delhi: Sage Publications Asia-Pacific Ltd.
- Lune, Howard, Berg, Bruce, L. (2017), *Qualitative Research Methods For Social Sciences*, (9th ed.). Pearson India.
- Neuman, W. Lawrence, (2014), *Social Research Methods : Qualitative and Quantitative Approaches*, (7th ed.). U.S.A: Pearson Education Limited.
- Gupta, S.C. and Kumar, V. (2020), *Fundamentals of Mathematical Statistics*. Sultan Chand and Sons.
- Ronald, E. Walpole. (2017) *.Probability and Statistics for Engineers and Scientists* (9th ed), Boston: Pearson Publication. Babbie, Earl (2010): *The Practice of Social Research*, 12th ed., Belmont: Wadsworth

Course Title: Research and Publication Ethics

Course Code: PPH102

L	T	P	Credits
2	0	0	2

Total Hours 30

Learning Outcomes

On the completion of the course the students will be able to

1. To have awareness about the publication ethics and publication misconducts.
2. To understand indexing and citation databases, open access publications, research metrics (citations, h-index, impact factor etc.)
3. Develop hands-on skills to identify research misconduct and predatory publications.

Course Content

• RPE 01: PHILOSOPHY AND ETHICS (3 Hrs.)

1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

• RPE 02: SCIENTIFIC CONDUCT (5 Hrs.)

1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

• RPE 03: PUBLICATION ETHICS (7 Hrs.)

1. Publication ethics: definition, introduction and importance
2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributor ship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE

• RPE 04: OPEN ACCESS PUBLISHING (4 Hrs.)

1. Open access publications and initiatives
2. SHERPA/ROMEO online resource to check publisher copyright & self- archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4 Hrs.)**
 - A. Group Discussions (2 hrs.)**
 1. Subject specific ethical issues, FFP, authorship
 2. Conflicts of interest
 3. Complaints and appeals: examples and fraud from India and abroad
 - B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools
- **RPE 06: DATABASES AND RESEARCH METRICS (7 Hrs.)**
 - A. Databases (4 hrs.)**
 1. Indexing databases
 2. Citation databases: Web of Science, Scopus etc.
 - B. Research Metrics (3 hrs.)**
 1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
 2. Metrics: h-index, g-index, i10 index, altmetrics

Suggested Readings

1. Bird, A. (2006). Philosophy of Science. Routledge.
2. MacIntyre, A. (1967) A Short History of Ethics. London.
3. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
4. National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition. National Academies Press.
5. Rensik, D. B. (2011). What is ethics in research & why is it important. National Institute of Environmental Health Sciences, 1-10. Retrieved from <https://www.niehs.nih.gov/resources/bioethics/whatis/index.cfm>
6. Beall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. <https://doi.org/10.1038/489179a>

Course Title: Hindustani Classical Music and Gurmat Sangeet : Theory and practice
Course code:- PPH138

L	T	P	Credit
4	0	0	4

Total Hours: 60

Course learning Outcomes:

Upon completing this course, students will be able to:

1. Demonstrate a deep understanding of the concepts of Hindustani Classical music and Gurmat sangeet including ragas, talas, and layas.
2. Perform Hindustani Classical music and Gurmat sangeet with precision and expression through Developing skills in singing or playing a musical instrument, with a strong sense of pitch, rhythm and phrasing.
3. Analyze and appreciate the aesthetics of Hindustani Classical music and Gurmat Sangeet through Understand the historical and cultural context of both music with unique musical features.
4. Apply musical concepts to composition and improvisation through demonstrating creativity and originality.
5. Develop critical Music listening and analytical skills through analyzing the deep understanding of musical structure and aesthetics.
6. Understand cultural competence and appreciation through Developing a deep respect for the cultural heritage of Hindustani Classical music and Gurmat Sangeet.
7. Develop musical literacy and notation skills through using sargam and Bhatkhande notation system.
8. Learn Performance and presentation skills through Developing confidence and skills in performing and presenting music including the use of proper stage etiquette and audience engagement.

Course Contents

Unit-I

15 Hours

Theoretical Study of Hindustani Music and Gurmat sangeet:

- Principles of time theory in Hindustani Music.
- Ragang Study of Hindustani Classical Music.
- Intensive Study of Gurmat sangeet tradition and its relation with Hindustani Classical Music.

Unit-II

15 Hours

Interdisciplinary approach of Indian Music

- Music and Literature.
- Music And Theatre
- Music and Psychology
- Music and spirituality

Unit-III

15 Hours

Innovative Practices in Hindustani Music and Gurmat sangeet

- Sound Recording Techniques in Hindustani Classical Music and Gurmat sangeet.
- Technological advances and use of AI in Hindustani Music and Gurmat Sangeet.
- Therapeutic study of the effectiveness of Music Intervention- Review of related literature.

Unit-IV

15 Hours

Biographical and Analytical Study on Eminent Indian Musicians:

- Prof. Tara singh
- Prof. Kartar Singh
- Pt. Debu Chaudhuri
- Pt. Bhim Sen Joshi

Transaction Mode

Group Discussion, Quiz, Open Talk, One-minute presentation/art performance, Assignment

Suggested Readings:

- Davis, W.B., Gfeller, K.E., Thaut, M.H, (1987) “An Introduction to Music Therapy- Theory and Practice Boston”, ISBN: 978-1-8849-1420-1
- Kohli S.S., (1998), “Philosophy of Guru Nanak” Publication Bureau, Panjab University, Chandigarh,
- Peters, Jacqueline Schmidt, “Music Therapy: An introduction” Springfield Charles C. Thomas Publishers Ltd. Illinois, USA., ISBN: 978-0398070434
- Singh Puran, (2017) “Spirit of the Sikh” Publication Bureau, Punjabi University Patiala, ISBN: 81-7380-906-2
- Singh Prof. Lalit Kishor, (2023) Dhawani or Sangeet, vani publication, New delhi
- Jha Pandit ramashrya, (2020) Abhinav geetajali, Part 1-5, Sangeet sadan publication allahabad.

- Bhatkhande pt. Vishnu Narayan, (2017) Hindustani Sangeet Padhati Kramik pustak malika, part 1-6, Sangeet karyalaya Hathras

Course Title: Computer Application in Research

Course Code: PPH104

L	T	P	Credits
0	0	4	2

Total Hours 30

Learning Outcomes

On the completion of the course the students will be able to

1. The students will become familiar with the usage of software for managing the reference.
2. To make literature reviews easily.
3. To make reference management by using open software.

Course Content

Unit I

(06 Hours)

MS Word Essentials- Create a document with styled headings and subheadings, Add headers, footers, and page numbers, Adjust page layout settings (margins, orientation, page size).

Table Creation and Management- Insert, format, and style tables, Adjust cell size, merge/split cells, and sort/filter data.

Working with Graphics- Insert and format images, shapes, SmartArt, and text boxes, Apply text wrapping around objects.

Unit II

(08 Hours)

Basics of PowerPoint- Slide layouts, themes, and templates, Adding multimedia: Images, audio, and videos.

Advanced Techniques- Animations and transitions for visual effects, Slide master for consistent formatting, Interactive elements: Hyperlinks and action buttons.

Design Best Practices- Typography, color schemes, and visual hierarchy, Tips for engaging presentations.

Unit III

(08 Hours)

Introduction to Mendeley- Installing and setting up Mendeley Desktop and Web, Importing references from various sources.

Organizing References- Creating folders and tagging references, Annotating and highlighting PDFs.

Citations and Bibliography- Integrating Mendeley with MS Word, using citation styles (APA, MLA, Chicago), Generating a bibliography automatically.

Unit IV

(08 Hours)

AI Tools for Productivity- Text-Based AI Tools (e.g., ChatGPT) Writing assistance, summarization, and brainstorming, Grammar and style checking, Image and Design Tools, Speech and Audio Tools

Suggested Readings

- 1) Office 2007 in Simple Steps, Kogent Solutions, (Wiley Publishers).
- 2) MS-Office 2007 Training Guide, S. Jain (BPB Publications).
- 3) Computer Fundamentals by P.K. Sinha (BPB Publications).
- 4) <https://www.mendeley.com/reference-management/reference-manager>
- 5) <https://chat.openai.com>
- 6) <https://edu.google.com/workspace-for-education/classroom/>