

## A: Advance Research Methodology

| Course title & Code          | Credits | Credit distribution of the course |   |   | Eligibility Criteria                                                                                                                                                                                                        | Pre requisite of the Course (if any)                                                                                                            |
|------------------------------|---------|-----------------------------------|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |         | L                                 | T | P |                                                                                                                                                                                                                             |                                                                                                                                                 |
| Advance Research Methodology | 2       | 2                                 | 0 | 0 | B. A (Hons) Percussion Music Tabla/Pakhawaj.<br>Or<br>B. A (Prog.) with Percussion Music Tabla/Pakhawaj.<br>Or<br>Must have learnt for a minimum of 6 years at an established music institute or from a reputed artist/guru | The student must have studied theory papers prescribed in under Graduate programmes ( B.A. Hons/B.A. Prog.) in Percussion Music Tabla/Pakhawaj. |

### Course Objectives

- This course is mainly intended to create knowledge about the advanced research methodology.
- Students understand the characteristic features of research of higher realm and technical terms of advanced methods and methodology.

### Course Learning Outcomes

- Student gain skills of advance research techniques along with methodology.
- Gain knowledge of various technical terms and its utilisation.
- Gain skills of writing in different types of publication.

### Content: (A) Advance research Methodology (30 Hours)

#### Unit I Hypothesis in Research (8 Hours)

- Research Question; Definition and Hypothesis in music
- Basic concepts concerning Hypothesis testing
- Importance and Formulation of Hypothesis
- Limitations of Hypothesis testing

#### Unit II Data analysis (7 Hours)

- Analysis and interpretation of Data
- Methods of Analysis
- Qualitative Analysis
- Quantitative Analysis

### **Unit III Analysis of Variance (8 Hours)**

- Analysis of Variance and Co-Variance
- Multivariate and Analysis
- Factor and Analysis
- Path and Analysis

### **Unit IV Sampling fundamentals (7 Hours)**

- Fundamental definitions
- Need for sampling
- Sample size and Determination
- Exploratory and Explanatory Research

#### **Suggestive Readings:**

1. Floyd J F, Survey research Methods, Sage Publications, New Delhi.
2. Goode C V & Scates D E, 1954, Methods in Social Research, McGraw-Hill
3. Havell E B, The Art Heritage, 1964, D B Taraporevala Sons and Co Pvt LTD.
4. Ebling, Kaus, Ragamala Paintings, 1973, Kumar Gallery, New Delhi
5. Mishra R P, Research Methodology, 1989, Concept Publishing Compony New York.
6. Salkind N J, Exploring Research, 1997, Printice Hall, New Jersey. USA
7. Srivastava G N P, Advanced Research Methodology, 1994, Radha Publication, New Delhi
8. Whitney F L, The Elements of Research, 1950, Printice Hall, New York. USA
9. Ahmad Najma Praveen, Research Methods in Indian Music, Manohar Publishers and Distributers, New Delhi.
10. Kothari C R, Research Methodology: Methods and Techniques, 1985, Wiley Eastern Ltd. New Delhi
11. Reena Gautam Dr, Sources of research in Indian Classical Music, 2002, Kanishka Publishers, New Delhi
12. Lavanya Madan Mohan Dr., Research Methodology, 1985, College Book House, Jaipur.
13. Sharma Vinaymohan Dr., “Shodh Pravidhi”, 1980, National Publishing House, Delhi
14. Jain B M Dr., Research Methodology, 1987, Research Publications, Jaipur.