

**KURUKSHETRA UNIVERSITY, KURUKSHETRA**

(Established by the State Legislature Act-XII of 1956)

(“A++” Grade, NAAC Accredited)

**Inclusion of CC-HM1, CC-HM2, CC-PGM1 & CC-PGM2 Courses in Scheme of  
Exams (7<sup>th</sup> Sem to 10<sup>th</sup> Sem) and Syllabus**

**for**

**Master of Performing Arts (M.P.A.)**

**(5-Year Integrated)**



**Under Multiple Entry-Exit, Internship and CBCS-LOCF in accordance to NEP-2020  
w.e.f. 2025-26**

| <b>(Fourth year:Semester-7)(FOR HONOURS/HONOURS WITH RESEARCH)</b> |                 |                                                |                |                        |                           |                           |                        |                          |
|--------------------------------------------------------------------|-----------------|------------------------------------------------|----------------|------------------------|---------------------------|---------------------------|------------------------|--------------------------|
| <b>Course</b>                                                      | <b>Paper(s)</b> | <b>Nomenclature of Paper</b>                   | <b>Credits</b> | <b>Hours/<br/>Week</b> | <b>Internal<br/>marks</b> | <b>External<br/>Marks</b> | <b>Total<br/>Marks</b> | <b>ExamD<br/>uration</b> |
| <b>CC-H1<br/>4 Credits</b>                                         | B23-PAS-701     | Theoretical survey of Indian Music             | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-711     | Origin and Development of Strings instruments  | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-721     | History of Indian Percussion Instruments       | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-731     | Ancient History of Kathak Dance                | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
| <b>CC-H2<br/>4 Credits</b>                                         | B23-PAS-702     | Principles and Techniques of Stage Performance | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-712     | String instruments in Ancient period           | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-722     | Concept of different Tabla Gharana             | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-732     | Aesthetic Principles of Dance                  | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
| <b>CC-H3</b>                                                       | B23-PAS-703     | Applied theory of Performing Arts              | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                    |                 | Practical                                      | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                    | B23-PAS-713     | Non percussion instruments and Indian          | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |

|                                                   |                                                 |                                                                      |   |   |    |    |     |       |
|---------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|---|---|----|----|-----|-------|
| <b>4 credit</b><br><br><b>Select one option</b>   |                                                 | music in medieval period                                             |   |   |    |    |     |       |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                   | B23-PAS-723                                     | Analytical study of South Indian Taal system.                        | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                   | B23-PAS-733                                     | Study of Folk Dances of India and treatise                           | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
| <b>DSE-H14 credit</b><br><b>Select one Option</b> | B23-PAS-704                                     | Basic training of Stage and Sound Arrangement and Music Appreciation | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                   | B23-PAS-714                                     | Comparative study between North Indian and South Indian music        | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                   | B23-PAS-724                                     | Technical and Mathematical studies of Tabla compositions             | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                   | B23-PAS-734                                     | General introduction to the classical Dances of India                | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                   |                                                 | Practical                                                            | 2 | 4 | 15 | 35 | 50  | 6hrs. |
| <b>PC-H1 4 credit</b><br><b>Select one Option</b> | B23-PAS-705                                     | Vocal Stage Performance                                              | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                   | B23-PAS-715                                     | Sitar Stage Performance                                              | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                   | B23-PAS-725                                     | Tabla Stage Performance                                              | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                   | B23-PAS-735                                     | Kathak Stage Performance                                             | 4 | 4 | 30 | 70 | 100 | 6hrs. |
| <b>CC-HM1 4 credit</b>                            | From the available courses as per NEP Ordinance |                                                                      |   |   |    |    |     |       |

\*The Course Codes according to different specializations are given below .

Sem VII - Vocal -701 to705 ,Sitar- 711-715 ,Tabla – 721-725 ,Kathak -731-735

| <b>(Fourth Year: Semester-8)(FOR HONOURS)</b>   |                 |                                                                         |                |                    |                       |                       |                    |                      |
|-------------------------------------------------|-----------------|-------------------------------------------------------------------------|----------------|--------------------|-----------------------|-----------------------|--------------------|----------------------|
| <b>Course</b>                                   | <b>Paper(s)</b> | <b>Nomenclature of Paper</b>                                            | <b>Credits</b> | <b>Hours/ Week</b> | <b>Internal marks</b> | <b>External Marks</b> | <b>Total Marks</b> | <b>Exam Duration</b> |
| <b>CC-H4<br/>4 credit<br/>Select one option</b> | B23-PAS-801     | Historical Development of Indian Music                                  | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-811     | Indian Musical education in pre Muslim Era                              | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-821     | Conventional music and Instruments of India                             | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-831     | History and Development of Kathak Dance in Literature                   | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
| <b>CC-H5<br/>4 credit<br/>Select one option</b> | B23-PAS-802     | Principles and techniques of Stage Performance & Recording Studio Works | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-812     | Historical development of Voice recording                               | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-822     | Study of musical acoustics and its implications in music.               | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-832     | Aesthetic of Dance in Literature                                        | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
| <b>CC-H6<br/>4 credit<br/>Select one option</b> | B23-PAS-803     | Aesthetical Study of Indian Music                                       | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-813     | Different schools of Indian musical instruments                         | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-823     | Various non-percussion instruments                                      | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-833     | Principal and Techniques of Stage Performance                           | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
|                                                 |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
| <b>DSE-H2<br/>4 credit</b>                      | B23-PAS-804     | Digital Era Recording Techniques and Application of Music               | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |
| <b>Select one Option</b>                        |                 | Practical                                                               | 2              | 4                  | 15                    | 35                    | 50                 | 6hrs.                |
|                                                 | B23-PAS-814     | Sitar in different forms of classical, semi                             | 2              | 2                  | 15                    | 35                    | 50                 | 3hrs.                |

|                                                             |                                                 |                                               |   |   |    |    |     |       |
|-------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|---|---|----|----|-----|-------|
|                                                             |                                                 | classical and light music                     |   |   |    |    |     |       |
|                                                             |                                                 | Practical                                     | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                             | B23-PAS-824                                     | Functioning of music production               | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                             |                                                 | Practical                                     | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                             | B23-PAS-834                                     | General Introduction of Vocal in Kathak Dance | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                             |                                                 | Practical                                     | 2 | 4 | 15 | 35 | 50  | 6hrs. |
| <b>PC-H2</b><br><b>4 credit</b><br><b>Select one Option</b> | B23-PAS-805                                     | Vocal Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                             | B23-PAS-815                                     | Sitar Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                             | B23-PAS-825                                     | Tabla Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                             | B23-PAS-835                                     | Kathak Stage Performance                      | 4 | 4 | 30 | 70 | 100 | 6hrs. |
| <b>CC-HM2</b><br><b>4 credit</b>                            | From the available courses as per NEP Ordinance |                                               |   |   |    |    |     |       |

\*The Course Codes according to different specializations are given below

Sem VIII - Vocal -801 to805 ,Sitar- 811-815 ,Tabla – 821-825 ,Kathak -831-835

| <b>ORSEMESTER-8(FORHONOURSWITHRESEARCH)</b> |                 |                              |                |                   |                       |                       |                    |                      |
|---------------------------------------------|-----------------|------------------------------|----------------|-------------------|-----------------------|-----------------------|--------------------|----------------------|
| <b>Course</b>                               | <b>Paper(s)</b> | <b>Nomenclature of Paper</b> | <b>Credits</b> | <b>Hours/Week</b> | <b>Internal marks</b> | <b>External Marks</b> | <b>Total Marks</b> | <b>Exam Duration</b> |

|                                                      |                                                 |                                                                         |     |   |    |    |    |       |
|------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------|-----|---|----|----|----|-------|
| <b>CC-H4<br/>4 credit<br/>Select one<br/>option</b>  | B23-PAS-801                                     | Historical Development of Indian Music                                  | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                      | B23-PAS-811                                     | Indian Musical education in pre Muslim Era                              | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                      | B23-PAS-821                                     | Conventional music and Instruments of India                             | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
| <b>CC-H5<br/>4 credit<br/>Select one<br/>option</b>  | B23-PAS-802                                     | History and Development of Kathak Dance in Literature                   | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                      | B23-PAS-812                                     | Principles and techniques of Stage Performance & Recording Studio Works | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                      | B23-PAS-822                                     | Historical development of Voice recording                               | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                      | B23-PAS-832                                     | Study of musical acoustics and its implications in music                | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                      |                                                 | Practical                                                               | 2   | 4 | 15 | 35 | 50 | 6hrs. |
| <b>Project/<br/>Dissertation<br/>12 credit</b>       | B23-PAS-806                                     | <b>Project/Dissertation</b>                                             | 8+4 | - | -  | -  | -  | -     |
| <b>Project/<br/>Dissertation<br/>on12<br/>credit</b> | B23-PAS-816                                     | <b>Project/Dissertation</b>                                             | 8+4 | - | -  | -  | -  | -     |
| <b>Project/<br/>Dissertation<br/>12 credit</b>       | B23-PAS-826                                     | <b>Project/Dissertation</b>                                             | 8+4 | - | -  | -  | -  | -     |
| <b>Project/<br/>Dissertation<br/>12 credit</b>       | B23-PAS-836                                     | <b>Project/Dissertation</b>                                             | 8+4 | - | -  | -  | -  | -     |
| <b>CC-HM2<br/>4 credit</b>                           | From the available courses as per NEP Ordinance |                                                                         |     |   |    |    |    |       |

\*The Course Codes according to different specializations are given below

Sem IX - Vocal -801 to806 ,Sitar- 811-816 ,Tabla – 821-826 ,Kathak -831-836

| Course                                                                     | Paper(s)    | Nomenclature of Paper                                                 | Credits | Hours/<br>Week | Internal<br>marks | External<br>Marks | Total<br>Marks | Exam<br>Duration |
|----------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------|---------|----------------|-------------------|-------------------|----------------|------------------|
| <b>CC-PG1</b><br><br><b>4 credit</b><br><b>Select one</b><br><b>option</b> | B23-PAS-901 | Interdisciplinary Approach in Indian Music                            | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-911 | Structure and school of Indian string instruments                     | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-921 | Musicology and essay compositions.                                    | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-931 | History and Development of Dance in Purans                            | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
| <b>CC-PG2</b><br><br><b>4 credit</b><br><b>Select one</b><br><b>option</b> | B23-PAS-902 | Aesthetics of Indian Music                                            | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-912 | Notation system and Gatas of Sitar                                    | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-922 | Aesthetical components of rhythm.                                     | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-932 | Aesthetic of Dance in Purans                                          | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |
|                                                                            | B23-PAS-903 | Voice Modulation Voice Culture & Application of Sound in Indian Music | 2       | 2              | 15                | 35                | 50             | 3hrs.            |
|                                                                            |             | Practical                                                             | 2       | 4              | 15                | 35                | 50             | 6hrs.            |

|                                                                    |                                                 |                                                        |   |   |    |    |     |        |
|--------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|---|---|----|----|-----|--------|
| <b>CC-PG3</b><br><br><b>4 credit</b><br><b>Select one option</b>   | B23-PAS-913                                     | Schools of non-percussion instruments and their player | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
|                                                                    | B23-PAS-923                                     | Principals of accompaniment                            | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
|                                                                    | B23-PAS-933                                     | Therapeutic Aspects of Classical Dance                 | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
| <b>DSE-PG1</b><br><b>4 Credits</b><br><br><b>Select one Option</b> | B23-PAS-904                                     | Multidimensional Aspects of Indian Music               | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
|                                                                    | B23-PAS-914                                     | Fundamentals of recording studio and sitar recording   | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
|                                                                    | B23-PAS-924                                     | Multidisciplinary Aspects of Indian Music              | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
|                                                                    | B23-PAS-934                                     | Study of Compositional Patterns of Kathak              | 2 | 2 | 15 | 35 | 50  | 3hrs.  |
|                                                                    |                                                 | Practical                                              | 2 | 4 | 15 | 35 | 50  | 6hrs.  |
| <b>PC-PG1</b><br><b>4 credit</b><br><b>Select one Option</b>       | B23-PAS-905                                     | Vocal Stage Performance                                | 4 | 4 | 30 | 70 | 100 | 6 hrs. |
|                                                                    | B23-PAS-915                                     | Sitar Stage Performance                                | 4 | 4 | 30 | 70 | 100 | 6hrs.  |
|                                                                    | B23-PAS-925                                     | Tabla Stage Performance                                | 4 | 4 | 30 | 70 | 100 | 6hrs.  |
|                                                                    | B23-PAS-935                                     | Kathak Stage Performance                               | 4 | 4 | 30 | 70 | 100 | 6hrs.  |
| <b>CC-PGM1</b><br><b>4 credit</b>                                  | From the available courses as per NEP Ordinance |                                                        |   |   |    |    |     |        |



\*The Course Codes according to different specializations are given below  
Sem IX - Vocal -901 to905 ,Sitar- 911-915 ,Tabla – 921-925 ,Kathak -931-935

| <b>(Fifth Year:Semester-10)for those who have done Dissertationat8<sup>th</sup>semester</b> |                 |                                                                       |                |                        |                           |                           |                        |                          |
|---------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------|----------------|------------------------|---------------------------|---------------------------|------------------------|--------------------------|
| <b>Course</b>                                                                               | <b>Paper(s)</b> | <b>Nomenclature ofPaper</b>                                           | <b>Credits</b> | <b>Hours/<br/>Week</b> | <b>Internal<br/>marks</b> | <b>ExternalM<br/>arks</b> | <b>Total<br/>Marks</b> | <b>Exam<br/>Duration</b> |
| <b>CC-PG4<br/>4 credit</b>                                                                  | B23-PAS-1001    | Research Methodology                                                  | 3+1            | 4                      | 30                        | 70                        | 100                    | 3hrs.                    |
| <b>CC-PG5<br/>4 credit<br/>Select one<br/>option</b>                                        | B23-PAS-1002    | Interdisciplinary Aspects of Indian Music                             | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-1012    | New concepts in musical instruments                                   | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-1022    | Ancient and Medieval History ofHindustani Percussion Instruments      | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-1032    | Study of Folk Dances Of Different Zone of India                       | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
| <b>CC-PG6<br/>4 credit<br/>Select one<br/>option</b>                                        | B23-PAS-803     | Aesthetical Study of Indian Music                                     | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-813     | Different schools of Indian musical instruments                       | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-823     | Various non-percussion instruments                                    | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-833     | Principal and Techniques of Stage Performance                         | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
| <b>DSE-PG2<br/>4 credit<br/><br/>Select one<br/>Option</b>                                  | B23-PAS-804     | Digital Era Recording Techniques and Application of Music             | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-814     | Sitar in different forms of classical, semi classical and light music | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 | Practical                                                             | 2              | 4                      | 15                        | 35                        | 50                     | 6hrs.                    |
|                                                                                             | B23-PAS-824     | Functioning of music production                                       | 2              | 2                      | 15                        | 35                        | 50                     | 3hrs.                    |
|                                                                                             |                 |                                                                       |                |                        |                           |                           |                        |                          |

|                                                      |                                                 |                                               |   |   |    |    |     |       |
|------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|---|---|----|----|-----|-------|
|                                                      |                                                 | Practical                                     | 2 | 4 | 15 | 35 | 50  | 6hrs. |
|                                                      | B23-PAS-834                                     | General Introduction of Vocal in Kathak Dance | 2 | 2 | 15 | 35 | 50  | 3hrs. |
|                                                      |                                                 | Practical                                     | 2 | 4 | 15 | 35 | 50  | 6hrs. |
| <b>PC-PG2<br/>4 credit<br/>Select one<br/>Option</b> | B23-PAS-805                                     | Vocal Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                      | B23-PAS-815                                     | Sitar Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                      | B23-PAS-825                                     | Tabla Stage Performance                       | 4 | 4 | 30 | 70 | 100 | 6hrs. |
|                                                      | B23-PAS-835                                     | Kathak Stage Performance                      | 4 | 4 | 30 | 70 | 100 | 6hrs. |
| <b>CC-<br/>PGM2<br/>4 credit</b>                     | From the available courses as per NEP Ordinance |                                               |   |   |    |    |     |       |

\*The Course Codes according to different specializations are given below

Sem X – Course 1001 is Compulsory for all students , Vocal -1002,803,804,805 ,Sitar- 1012-813,814,815 ,Tabla – 1022 ,823,824,825, Kathak - 1032,833,834,835,

| <b>(Fifth Year: Semester-10) for those who have not done Dissertation at 8<sup>th</sup> semester</b> |                 |                              |                |                        |                           |                           |                        |                          |
|------------------------------------------------------------------------------------------------------|-----------------|------------------------------|----------------|------------------------|---------------------------|---------------------------|------------------------|--------------------------|
| <b>Course</b>                                                                                        | <b>Paper(s)</b> | <b>Nomenclature of Paper</b> | <b>Credits</b> | <b>Hours/<br/>Week</b> | <b>Internal<br/>marks</b> | <b>External<br/>Marks</b> | <b>Total<br/>Marks</b> | <b>Exam<br/>Duration</b> |
| <b>CC-PG4</b>                                                                                        | B23-PAS-1001    | Research Methodology         | 3+1            | 4                      | 30                        | 70                        | 100                    | 3hrs.                    |

|                                                  |                                                |                                                                   |     |   |    |    |    |       |
|--------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|-----|---|----|----|----|-------|
| <b>CC-PG5<br/>4 credit Select<br/>one option</b> | B23-PAS-1002                                   | Interdisciplinary Aspects of Indian Music                         | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                  |                                                | Practical                                                         | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                  | B23-PAS-1012                                   | New concepts in musical instruments                               |     |   |    |    |    |       |
|                                                  |                                                | Practical                                                         | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                  | B23-PAS-1022                                   | Ancient and Medieval History of Hindustani Percussion Instruments | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                  |                                                | Practical                                                         | 2   | 4 | 15 | 35 | 50 | 6hrs. |
|                                                  | B23-PAS-1032                                   | Study of Folk Dances Of Different Zone of India                   | 2   | 2 | 15 | 35 | 50 | 3hrs. |
|                                                  |                                                | Practical                                                         | 2   | 4 | 15 | 35 | 50 | 6hrs. |
| <b>Project/<br/>Dissertation1<br/>2 credit</b>   | B23-PAS-1006                                   | <b>Project/Dissertation</b>                                       | 8+4 | - | -  | -  | -  | -     |
| <b>Project/Dissertation12<br/>credit</b>         | B23-PAS-1016                                   | <b>Project/Dissertation</b>                                       | 8+4 | - | -  | -  | -  | -     |
| <b>Project/Dissertation<br/>12 credit</b>        | B23-PAS-1026                                   | <b>Project/Dissertation</b>                                       | 8+4 | - | -  | -  | -  | -     |
| <b>Project/Dissertation<br/>12 credit</b>        | B23-PAS-1036                                   | <b>Project/Dissertation</b>                                       | 8+4 | - | -  | -  | -  | -     |
| <b>CC-PGM2<br/>4 credit</b>                      | From the available course as per NEP Ordinance |                                                                   |     |   |    |    |    |       |

\*The Course Codes according to different specializations are given below

Sem X – Course 1001 is Compulsory for all students , Vocal -1002 to1006 ,Sitar- 1012-1016 ,Tabla – 1022-1026 ,Kathak -1032-1036

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|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |       |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| <b>Session:2025-26</b>                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |       |
| <b>Part A-Introduction</b>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |       |
| Subject                                                              | <b>Music</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |       |
| Semester                                                             | <b>VII</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |       |
| Name of the Course                                                   | <b>General history and introduction to recording studio</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |       |
| Course Code                                                          | B23-PAS-706                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |       |
| Course Type:<br>(CC/ MCC/ MDC/ CC-M/<br>DSEC/VOC/DSE/PC/AEC/<br>VAC) | <b>CC-HM1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |       |
| Level of the course<br>(As per Annexure-I)                           | 400-499                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |       |
| Pre-requisite for the course (if any)                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |       |
| Course Learning Outcomes(CLO):                                       | <p>After completing this course, the learner will be able to:</p> <p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> <li>1. Elaborate about history of sound and recording</li> <li>2. Demonstrate about basic equipments of recording studio</li> <li>3. Demonstrate about basic beats in recording software</li> <li>4. Demonstrate Methods of Recording Percussion/Non Percussion Instrument of Haryana and Punjab</li> <li>5. Record outline of one of the folk songs(Haryanvi/Punjabi)</li> </ol> |           |       |
| Credits:4                                                            | Theory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Practical | Total |
|                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2         | 4     |
| Contact Hours                                                        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4         | 6     |

| <b>Max.Marks:100(50+50)</b><br><b>Internal Assessment Marks:30(15+15*)</b><br><b>End Term Exam Marks:70 (35+35*)</b>                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                  | <b>Time:3HoursTheory and</b><br><b>6 Hours ( Practical)</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Part B-Contents of the Course</b>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                  |                                                             |
| <b><u>Instructions for Paper-Setter</u></b><br>1. There shall be Nine Questions in all.<br>2. The Question paper will be divided into five units.<br>3. Paper Setter has to set 2 questions from each unit of syllabus given below, a total of 8 questions from all 4 units.<br>4. The Question no.nine (Unit-V) will be and compulsory and covers the whole syllabus, it contains 7 objective type questions of one marks each. |                                                                                                                                                                                                                                  |                                                             |
| Unit                                                                                                                                                                                                                                                                                                                                                                                                                             | Topics                                                                                                                                                                                                                           | Contact Hours                                               |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                | (a) Origin and development of recording system.<br>(b) Introduction to Hardware and software                                                                                                                                     | 8                                                           |
| II                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Input and output devices<br>(b) Types of Microphones                                                                                                                                                                         | 8                                                           |
| III                                                                                                                                                                                                                                                                                                                                                                                                                              | (a) Methods of recording various percussion instruments of folk Music of Haryana Pradesh and its Frequencies<br>(b) Methods of recording various non percussion instruments of folk Music of Haryana Pradesh and its Frequencies | 7                                                           |
| IV                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Methods of recording various percussion instruments of folk Music of Punjab and its Frequencies<br>(b) Methods of recording various non percussion instruments of folk Music of Punjab and its Frequencies                   | 7                                                           |

|    |                                                                                                                                                                                                                                                                                                          |    |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| V* | <b>Practical</b> <ol style="list-style-type: none"> <li>1. Submission of project report on recording one folk music of Haryana and punjab</li> <li>2. How to setup tempo and Time signature, Metronome and Beat calculator</li> <li>3. How to arrange the different loops in 3/4.,4/4 and 7/4</li> </ol> | 60 |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

| Suggested Evaluation Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>InternalAssessment:30 (15+15*)</b><br><b>➤ Theory15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:4</li> <li>• Seminar/presentation/assignment/quiz/class test etc.:4</li> <li>• Mid-Term Exam: 7</li> </ul> <b>➤ Practicum:15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:5</li> <li>• Seminar/Demonstration/Viva-voce/Labrecordsetc.:10</li> <li>• Mid-Term Exam:</li> </ul>                                                                                                                                                                                                                                                                                                                                             | <b>End Term Examination:</b><br><b>70 (35+35*)</b> |
| Part C-Learning Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                    |
| <b>Recommended Books/e-resources/LMS:</b> <ol style="list-style-type: none"> <li>1. Dr. Lal mani Mishra- Bhartiya Sangeet Vaady</li> <li>2. <a href="#">David Miles Huber</a> , <a href="#">Robert Runstein</a> , Modern Recording Techniques (Audio Engineering Society Presents</li> <li>3. Naad, Pro Audio 101 (Hindi Edition) / प्रो ऑडियो 101: घर पर बैठे म्यूजिक प्रोडक्शन सीखने के लिए सम्पूर्ण गाइड</li> <li>4. Video tutorial online source : <a href="https://www.steinberg.net/cubase/learn/">https://www.steinberg.net/cubase/learn/</a></li> <li>5. <a href="https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf">https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf</a></li> </ol> |                                                    |

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|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| <b>Session:2025-26</b>                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |       |
| <b>Part A-Introduction</b>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |       |
| Subject                                                              | <b>Music</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |           |       |
| Semester                                                             | <b>VIII</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |           |       |
| Name of the Course                                                   | <b>Various recording software and its functions</b>                                                                                                                                                                                                                                                                                                                                                                             |           |       |
| Course Code                                                          | B23-PAS-807                                                                                                                                                                                                                                                                                                                                                                                                                     |           |       |
| Course Type:<br>(CC/ MCC/ MDC/ CC-M/<br>DSEC/VOC/DSE/PC/AEC/<br>VAC) | <b>CC-HM2</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |           |       |
| Level of the course<br>(As per Annexure-I)                           | 400-499                                                                                                                                                                                                                                                                                                                                                                                                                         |           |       |
| Pre-requisite for the<br>course (if any)                             | NA                                                                                                                                                                                                                                                                                                                                                                                                                              |           |       |
| Course<br>Learning<br>Outcomes(CLO<br>):                             | After completing this course, the learner will be able to:<br>After completing this course, the learner will be able to:<br>1. Understanding the role of RAM and ROM<br>2. Demonstrate the shortcut keys of recording S/W<br>3. Demonstrate about various tools of software<br>4. Demonstrate Methods of Recording Percussion/Non Percussion Instrument of Himachal and rajasthan<br>5. Record folk music Himachal or Rajasthan |           |       |
| Credits:4                                                            | Theory                                                                                                                                                                                                                                                                                                                                                                                                                          | Practical | Total |
|                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                               | 2         | 4     |
| Contact Hours                                                        | 2                                                                                                                                                                                                                                                                                                                                                                                                                               | 4         | 6     |



| <b>Max.Marks:100(50+50)</b><br><b>InternalAssessmentMarks:30(15+15*)</b><br><b>End Term Exam Marks:70 (35+35*)</b>                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                    | <b>Time:3HoursTheory and</b><br><b>6 Hours ( Practical)</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Part B-Contents of the Course</b>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                    |                                                             |
| <b><u>Instructions for Paper-Setter</u></b><br>1. There shall be Nine Questions in all.<br>2. The Question paper will be divided into five units.<br>3. Paper Setter has to set 2 questions from each unit of syllabus given below, a total of 8 questions from all 4 units.<br>4. The Question no.nine (Unit-V) will be and compulsory and covers the whole syllabus, it contains 7 objective type questions of one marks each. |                                                                                                                                                                                                                                    |                                                             |
| <b>Unit</b>                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Topics</b>                                                                                                                                                                                                                      | <b>Contact Hours</b>                                        |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                | (a) Meaning of DAW and Various softwares<br>(b) Steps of recording                                                                                                                                                                 | 8                                                           |
| II                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Role of RAM and ROM in recording<br>(b) Shortcut Keys for functions                                                                                                                                                            | 8                                                           |
| III                                                                                                                                                                                                                                                                                                                                                                                                                              | (c) Methods of recording various percussion instruments of folk Music of Himachal Pradesh and its Frequencies<br>(d) Methods of recording various non percussion instruments of folk Music of Himachal Pradesh and its Frequencies | 7                                                           |
| IV                                                                                                                                                                                                                                                                                                                                                                                                                               | (c) Methods of recording various percussion instruments of folk Music of Rajasthan and its Frequencies<br>(d) Methods of recording various non percussion instruments of folk Music of Rajasthan and its Frequencies               | 7                                                           |

|    |                                                                                                                                                                                                                                                               |    |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| V* | <b>Practical</b> <ol style="list-style-type: none"> <li>1. Submission of project report on recording one folk music of Himachal and Rajasthan</li> <li>2. Importing, Chopping and pasting audio</li> <li>3. How to use Bar, Beat, Quantize options</li> </ol> | 60 |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

## Suggested Evaluation Methods

### Internal Assessment: 30 (15+15\*)

#### ➤ Theory 15

- Class Participation: 4
- Seminar/presentation/assignment/quiz/class test etc.: 4
- Mid-Term Exam: 7

#### ➤ Practicum: 15

- Class Participation: 5
- Seminar/Demonstration/Viva-voce/Lab record setc.: 10
- Mid-Term Exam:

**End Term  
Examination:  
70 (35+35\*)**

## Part C-Learning Resources

### Recommended Books/e-resources/LMS:

1. Dr. Lal mani Mishra- Bhartiya Sangeet Vaady
2. [David Miles Huber](#) , [Robert Runstein](#) , Modern Recording Techniques (Audio Engineering Society Presents)
3. Naad, Pro Audio 101 (Hindi Edition) / प्रो ऑडियो 101: घर पर बैठे म्यूजिक प्रोडक्शन सीखने के लिए सम्पूर्ण गाइड
4. Video Tutorial online source : <https://www.steinberg.net/cubase/learn/>
5. <https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf>

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| <b>Session:2025-26</b>                                               |                                                                                                                                                                                                                                                                                                                                                                        |           |       |
| <b>Part A-Introduction</b>                                           |                                                                                                                                                                                                                                                                                                                                                                        |           |       |
| Subject                                                              | <b>Music</b>                                                                                                                                                                                                                                                                                                                                                           |           |       |
| Semester                                                             | <b>IX</b>                                                                                                                                                                                                                                                                                                                                                              |           |       |
| Name of the Course                                                   | <b>Audio Interface and Virtual Instruments</b>                                                                                                                                                                                                                                                                                                                         |           |       |
| Course Code                                                          | B23-PAS-906                                                                                                                                                                                                                                                                                                                                                            |           |       |
| Course Type:<br>(CC/ MCC/ MDC/ CC-M/<br>DSEC/VOC/DSE/PC/AEC/<br>VAC) | <b>CC-PGM1</b>                                                                                                                                                                                                                                                                                                                                                         |           |       |
| Level of the course<br>(As per Annexure-I)                           | 500-599                                                                                                                                                                                                                                                                                                                                                                |           |       |
| Pre-requisite for the<br>course (if any)                             | NA                                                                                                                                                                                                                                                                                                                                                                     |           |       |
| Course<br>Learning<br>Outcomes(CLO<br>):                             | After completing this course, the learner will be able to:<br>After completing this course, the learner will be able to: <ol style="list-style-type: none"> <li>1. Understand the role of audio interface</li> <li>2. Demonstrate the virtual instruments</li> <li>3. Demonstrate the piano role quantization</li> <li>4. Make the unplugged bollywood song</li> </ol> |           |       |
| Credits:4                                                            | Theory                                                                                                                                                                                                                                                                                                                                                                 | Practical | Total |
|                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                      | 2         | 4     |
| Contact Hours                                                        | 2                                                                                                                                                                                                                                                                                                                                                                      | 4         | 6     |

| <b>Max.Marks:100(50+50)</b><br><b>InternalAssessmentMarks:30(15+15*)</b><br><b>End Term Exam Marks:70 (35+35*)</b>                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                               | <b>Time:3HoursTheory and</b><br><b>6 Hours ( Practical)</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Part B-Contents of the Course</b>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                               |                                                             |
| <b><u>Instructions for Paper-Setter</u></b><br>1. There shall be Nine Questions in all.<br>2. The Question paper will be divided into five units.<br>3. Paper Setter has to set 2 questions from each unit of syllabus given below, a total of 8 questions from all 4 units.<br>4. The Question no.nine (Unit-V) will be and compulsory and covers the whole syllabus, it contains 7 objective type questions of one marks each. |                                                                                                                                                                                                                                                                                                               |                                                             |
| Unit                                                                                                                                                                                                                                                                                                                                                                                                                             | Topics                                                                                                                                                                                                                                                                                                        | Contact Hours                                               |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                | (a) Role of Audio Interface in recording<br>(b) PHANTOM POWER, PAD and TRS                                                                                                                                                                                                                                    | 8                                                           |
| II                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Setting up input and output channels<br>(b) MIDI installation and its use to virtual instruments                                                                                                                                                                                                          | 8                                                           |
| III                                                                                                                                                                                                                                                                                                                                                                                                                              | (a) Usage of Virtual Synth -Halion sonic<br>(b) Usage of Virtual Drum- Groove Agent                                                                                                                                                                                                                           | 7                                                           |
| IV                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) settings to make Unplugged bollywood songs<br>(b) Usage of Guitar , Piano, padding,Clave                                                                                                                                                                                                                  | 7                                                           |
| V*                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Practical</b><br>1. Submission of project report on recording one unplugged song from bollywood<br>2. Piano role quantize, Transposing<br>3. Virtual Instruments :Volume control, Inbuilt Panning, Inbuilt EQ, Inbuilt reverb, Inbuilt delay<br>4. Audio Interface volume control while recording-decibels | 60                                                          |

| Suggested Evaluation Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>InternalAssessment:30 (15+15*)</b><br><b>➤ Theory15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:4</li> <li>• Seminar/presentation/assignment/quiz/class test etc.:4</li> <li>• Mid-Term Exam: 7</li> </ul> <b>➤ Practicum:15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:5</li> <li>• Seminar/Demonstration/Viva-voce/Labrecordsetc.:10</li> <li>• Mid-Term Exam:</li> </ul>                                                                                                                                                                                                                                                                                      | <b>End Term Examination:</b><br><b>70 (35+35*)</b> |
| Part C-Learning Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |
| <b>Recommended Books/e-resources/LMS:</b> <ol style="list-style-type: none"> <li>1. <a href="#">David Miles Huber</a> , <a href="#">Robert Runstein</a> , Modern Recording Techniques (Audio Engineering Society Presents)</li> <li>2. Naad, Pro Audio 101 (Hindi Edition) / प्रो ऑडियो 101: घर पर बैठे म्यूजिक प्रोडक्शन सीखने के लिए सम्पूर्ण गाइड</li> <li>3. Video Tutorial online source : <a href="https://www.steinberg.net/cubase/learn/">https://www.steinberg.net/cubase/learn/</a></li> <li>4. <a href="https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf">https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf</a></li> </ol> |                                                    |

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| <b>Session:2025-26</b>                                               |                                                                                                                                                                                                                                                                                        |           |       |
| <b>Part A-Introduction</b>                                           |                                                                                                                                                                                                                                                                                        |           |       |
| Subject                                                              | <b>Music</b>                                                                                                                                                                                                                                                                           |           |       |
| Semester                                                             | <b>X</b>                                                                                                                                                                                                                                                                               |           |       |
| Name of the Course                                                   | <b>Techniques of mixing and mastering</b>                                                                                                                                                                                                                                              |           |       |
| Course Code                                                          | B23-PAS-1007                                                                                                                                                                                                                                                                           |           |       |
| Course Type:<br>(CC/ MCC/ MDC/ CC-M/<br>DSEC/VOC/DSE/PC/AEC/<br>VAC) | <b>CC-PGM2</b>                                                                                                                                                                                                                                                                         |           |       |
| Level of the course<br>(As per Annexure-I)                           | 500-599                                                                                                                                                                                                                                                                                |           |       |
| Pre-requisite for the<br>course (if any)                             | NA                                                                                                                                                                                                                                                                                     |           |       |
| Course<br>Learning<br>Outcomes(CLO<br>):                             | After completing this course, the learner will be able to:<br>After completing this course, the learner will be able to:<br>1. Understand the tools of DAW<br>2. Demonstrate volume balancing in mix<br>3. Demonstrate audio mix down and export<br>4. Record one sufi or western song |           |       |
| Credits:4                                                            | Theory                                                                                                                                                                                                                                                                                 | Practical | Total |
|                                                                      | 2                                                                                                                                                                                                                                                                                      | 2         | 4     |
| Contact Hours                                                        | 2                                                                                                                                                                                                                                                                                      | 4         | 6     |

| <b>Max.Marks:100(50+50)</b><br><b>InternalAssessmentMarks:30(15+15*)</b><br><b>End Term Exam Marks:70 (35+35*)</b>                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                   | <b>Time:3HoursTheory and</b><br><b>6 Hours ( Practical)</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Part B-Contents of the Course</b>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                   |                                                             |
| <b><u>Instructions for Paper-Setter</u></b><br>1. There shall be Nine Questions in all.<br>2. The Question paper will be divided into five units.<br>3. Paper Setter has to set 2 questions from each unit of syllabus given below, a total of 8 questions from all 4 units.<br>4. The Question no.nine (Unit-V) will be and compulsory and covers the whole syllabus, it contains 7 objective type questions of one marks each. |                                                                                                                                                                                                                                                                   |                                                             |
| <b>Unit</b>                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Topics</b>                                                                                                                                                                                                                                                     | <b>Contact Hours</b>                                        |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                | (a) Tool bar and Its various functions<br>(b) Delay, Distortion, Dynamic, EQ                                                                                                                                                                                      | 8                                                           |
| II                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Pitch shift , reverb, tools<br>(b) Compression tools                                                                                                                                                                                                          | 8                                                           |
| III                                                                                                                                                                                                                                                                                                                                                                                                                              | (a) Usage of faders in mixer<br>(b) Balancing the track sounds in mix                                                                                                                                                                                             | 7                                                           |
| IV                                                                                                                                                                                                                                                                                                                                                                                                                               | (a) Meter levels, Headrooms<br>(b) Audio mix down and export the file                                                                                                                                                                                             | 7                                                           |
| V*                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Practical</b><br>1. Submission of project report on recording one sufi/ western song<br>2. Use of delay and reverb tools, EQ levels<br>3. Use of compressors and limiters<br>4. Demo of metering and mix down<br>5. Exporting the project and saving the file. | 60                                                          |



| <b>Suggested Evaluation Methods</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>InternalAssessment:30 (15+15*)</b><br><b>&gt; Theory15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:4</li> <li>• Seminar/presentation/assignment/quiz/class test etc.:4</li> <li>• Mid-Term Exam: 7</li> </ul> <b>&gt; Practicum:15</b> <ul style="list-style-type: none"> <li>• ClassParticipation:5</li> <li>• Seminar/Demonstration/Viva-voce/Labrecordsetc.:10</li> <li>• Mid-Term Exam:</li> </ul>                                                                                                                                                                                                                                                                                | <b>End Term Examination:</b><br><b>70 (35+35*)</b> |
| <b>Part C-Learning Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |
| <b>Recommended Books/e-resources/LMS:</b> <ol style="list-style-type: none"> <li>1. <a href="#">David Miles Huber</a> , <a href="#">Robert Runstein</a> , Modern Recording Techniques (Audio Engineering Society Presents)</li> <li>2. Naad, Pro Audio 101 (Hindi Edition) / प्रो ऑडियो 101: घर पर बैठे म्यूजिक प्रोडक्शन सीखने के लिए सम्पूर्ण गाइड</li> <li>3. Video Tutorial online source : <a href="https://www.steinberg.net/cubase/learn/">https://www.steinberg.net/cubase/learn/</a></li> <li>4. <a href="https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf">https://www.strumentimusicali.net/manuali/2018/01/12/c8/steinberg-cubasepro95-en.pdf</a></li> </ol> |                                                    |