



SREE SANKARACHARYA UNIVERSITY OF SANSKRIT

DEPARTMENT OF MUSIC

Syllabus of B A Music Programme

2022 admission onwards

(Outcome Based teaching, Learning and Evaluation – OBTLE)

OBTLE ABBREVIATION

OBTLE	-	Outcome based Teaching, Learning& Evaluation
PO	-	Programme Outcome
PSO	-	Programme Specific Outcome
CO	-	Course Outcome
CL	-	Cognitive Level
R	-	Remember
U	-	Understand
AP	-	Apply
AN	-	Analyse
E	-	Evaluate
C	-	Create
KC	-	Knowledge Category
F	-	Factual
C	-	Conceptual
P	-	Procedural

Programme Outcomes

PO 1	Disciplinary knowledge
PO 2	Effective articulation
PO 3	Analytical reasoning
PO 4	Research oriented and general critical spirit of inquiry
PO 5	Multi-cultural competence
PO 6	Independent, lifelong learning and adaptability

Programme Specific Outcomes

PSO1	Comprehend fundamental concepts of Carnatic music, and demonstrate various aspects of ragas and talas through writing, rendition of compositions and playing the musical instruments, Violin and Mridangam
PSO2	Understand various methods of interpreting music and musicology
PSO3	Acquire the basic language skills of a minimum of three languages including the global language, get sensitized on major contemporary social issues through representative works in these languages, critically respond and effectively articulate the same in writing and speech
PSO4	Differentiate between ragas and interpret them from various angles
PSO5	Interpret music history of ancient, medieval and modern periods
PSO6	Exhibit expertise as professional performers, composers and instrumentalists
PSO7	Apply various methods of improvisation to kritis
PSO8	Analyse the features of different music cultures

The distribution of Common, Core, Complementary and Open courses across six semesters

Sem I	Core 1 Credit.4 Hours - 4	Comple 1 Credit 4 Hours - 4	Comple 2 Credit 4 Hours - 4	English 1 Credit.3 Hours - 3	English 2 Credit.4 Hours - 4	AddlLang.1 Credit4 Hours - 4
Sem II	Core 2 Credit.4 Hours - 4	Comple 3 Credit.4 Hours - 4	Comple 4 Credit.4 Hours - 4	English 3 Credit. 4 Hours - 4	English 4 Credit.3 Hours - 3	AddlLang. 2 Credit.4 Hours - 4
Sem III	Core 3 Credit.4 Hours - 4	Comple.5 Credit.4 Hours - 4	Comple.6 Credit. 4 Hours - 4	English 5 Credit.4 Hours - 4	AddlLan.3 Credit 4 Hours - 4	-
Sem IV	Core 4 Credit.4 Hours - 4	Comple.7 Credit.4 Hours - 4	Comple.8 Credit.4 Hours-4	English.6 Credit.4 Hours - 4	AddlLang. 4 Credit.4 Hours - 4	
Sem V	Core 5 Credit.4 Hours - 4	Core 6 Credit.4 Hours-4	Core 7 Credit.4 Hours-4	Core 8 Credit.4 Hours-4	Open Course Credit.4 Hours - 4	Core Credit 4 Hours.4
Sem VI	Core 10 Credit.4 Hours - 4	Core 11 Credit.4 Hours-4	Core12 Credit 4 Hours-4	Core13 Credit.4 Hours-4	Core14 Credit.4 Hours-4	Core 15 Credit 4 Hours- 4 Project Credit 2 Hour 1

Common courses	22 credits
Additional Language	16 credits
Core courses (including choice based core course)	62 Credits
Complementary courses Violin/Mridangam Sanskrit	16 Credits+ 16 credits
Open course	4 Credits
Total	136 credits
Ability enhancement courses	8 Credits
Total	136+ 8

CORE/ COMPLEMENTARY/ OPEN COURSES/ CHOICE BASED CORE COURSES
SEMESTER WISE DISTRIBUTION

Course name	Course code	Credit	Cours e	Hours
I Semester				
Foundation course in practical Music	IBUMUM801	2	Practical	2
Theoretical perspectives - I	IBUMUM802	2	Theory	2
Violin practical - I	ICUMUM827	4	Practical	4
Mridangam practical - I	ICUMUM831	4	Practical	4
Ability enhancement course 1	IEUM 101	2	Theory	
II Semester				
Varnams & Kritis - I	IIBUMUS803	2	Practical	2
Theoretical perspectives - II	IIBUMUS804	2	Theory	2
Violin practical - II	IICUMUM828	4	Practical	4
Mridangam practical - II	IICUMUS832	4	Practical	4
Ability enhancement course 2	II EUS 102	2	Theory	
III semester				
Varnams & Kritis - II	IIIBUMUM805	2	Practical	2
Theoretical perspectives - III	IIIBUMUM806	2	Theory	2
Violin practical - III	IIICUMUM829	4	Practical	4
Mridangam practical - III	IIICUMUS833	4	Practical	4
Ability enhancement course 3	IIIEUM103	4	Theory	
IV semester				
Varnams & Kritis - III	IVBUMUS807	2	Practical	2
Theoretical perspectives - IV	IVBUMUS808	2	Theory	2
Violin practical - IV	IVCUMUS830	4	Practical	4
Mridangam practical - IV	IVCUMUS834	4	Practical	4
Ability enhancement course 4	IVEUS104	4	Theory	

V semester				
Varnams	VBUMUM809	4	Practical	4
Kritis - I	VBUMUM810	4	Practical	4
Musical forms	VBUMUM811	4	Practical	4
Manodharma Sangitam - I	VBUMUM812	4	Practical	4
Methodology specific to Music	VBUMUM813	4	Practical	4
Open Course		4	Theory/ Practical	4
VI Semester				
Project	VIBUMUS814	2	Practical	2
Group Kritis	VIBUMUS815	4	Practical	4
Kritis- II	VIBUMUS816	4	Practical	4
Manodharma Sangitam-II	VIBUMUS817	4	Practical	4
Music Concert	VIBUMUS818	4	Theory	4
Theoretical perspectives - V	VIBUMUS819	4	Practical	4
Choice based core course		4	Theory/ Practical	4

CHOICE BASED CORE COURSES

Sl.No.	Course code	Course Name	Credits
1.	VI GUMUS 820	Compositions of Maharaja Svati Tirunal	4
2.	VIGUMUS821	Creative Music	4
3.	VIGUMUS822	Carnatic Music repertoire of Kerala	4
4.	VIGUMUS823	Tyagaraja Kritis with thematic diversity	4
5.	VIGUMUS824	Compositions of Purandara Dasa, Kanaka Dasa and Annamacharya	4
6.	VIGUMUS825	Stotras and Ashtakams of Adi Sankaracharya	4
7.	VIGUMUS826	General Informatics and informatics specific to Music	4

OPEN COURSES

Sl.No.	Course code	Course Name	Credits
1.	VDUMUM835	Simple compositions of Tyagaraja	4
2.	VDUMUM836	Simple compositions of Muthuswami Dikshitar	4
3.	VDUMUM837	Musical compositions figuring in dance concerts	4
4.	VDUMUM838	Musical heritage of Kerala	4
5.	VDUMUM839	General Introduction to musical instruments	4
6.	VDUMUM840	Facets of Indian Music	4

ABILITY ENHANCEMENT COURSES

1	Environment studies	IEUM101
2	Disaster Management / Anti narcotic /Drug awareness	IIEUS102
3.	Understanding Gender / Ethics/ Human rights	IIIEUM103
4.	Social media and Cyber ethics /Intellectual property rights	IV EUS104

Semester I
Core Course I
Course code - 1BUMUM801
Course name- Foundation course in practical Music
Course type-Practical

Course outcomes:

The student should be able to

- CO1 *Render svara exercises in major as well as minor ragas*
CO2 *Sing lakshyagitas*
CO3 *Render svarajatis in Bilahari and Anandabhairavi*
CO4 *Sing the jatisvaram in raga, Sankarabharanam& Ragamalika jatisvaram*
CO5 *Render varnams in janyaragas*

Contents:

Module 1	Svara exercises in major ragas, Mayamalavagaula, Kalyani and Sankarabharana Svara exercises in minor ragas, Mohanam, Hamsadvani and Abhogi
Module 2	Gitams in Malahari, Mohanam, Kalyani and Arabhi
Module 3	Svarajatis in Bilahari & Anandabhairavi
Module 4	Jatisvaram in Sankarabharanam& Ragamalika Jatisvaram
Module 5	Varnams in Mohanam, Hamsadvani & Vasanta

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render svara exercises in major as well as minor ragas</i>	PO1 PSO2	U R	P	Seminar
CO2	<i>Sing lakshyagitas</i>	PO1 PSO2	R	P	Semester exam
CO3	<i>Render svarajatis in Bilahari and Anandabhairavi</i>	PO1 PSO2	R	P	Semester exam
CO4	<i>Sing the jatisvaram in raga, Sankarabharanam& Ragamalika jatisvaram</i>	PO1 PSO2	R	P	Semester exam
CO5	<i>Render varnams in janyaragas</i>	PO1 PSO2	R	P	Semester exam

Reference list

For notation with lyrics,

A K Ravindranath, Dakshinendian Sangeetham, Kerala Bhasha
Institute, Thiruvananthapuram

T K Govinda Roa, Varna sagaram, Ganamandir publication, Chennai, 2006

Semester I
Core Course II
Course code -1BUMUM802
Course name-Theoretical perspectives – I
Course type- Theory

Course outcomes:

- CO1 *Understand the basic concepts in Carnatic music and explain the distinctive features of Indian Music*
- CO2 *Explain the rhythmic aspect in Carnatic Music – Shadangas, Sapta talas, 35 talas and chapu talas*
- CO3 *Summarize the principles behind the formation of 72 melakartas and classify janya ragas*
- CO4 *Analyse the features of various musical forms*
- CO5 *Express the lakshana details of the given ragas*

Contents:

Module 1	Distinctive features of Indian Music, Basic concepts ,nomenclature and terminology Nada, Sruti, Svara, Vadi, Samvadi, Anuvadi, Vivadi, Sthayi
Module2	Shadangas, Saptatalas, 35 talas, chaputala and its varieties
Module 3	Scheme of 72 melakerta – bhuta sankhya, Katapayadi formulae, janyaraga classification – Upanga, bhashanga, Varja, Vakra, Shadava, Audava,Nishadantya -Dhaivatantya-Panchmantya ragas
Module 4	Musical forms – Gitam, Jatisvaram, Svarajati, Varnam
Module 5	Lakshana of the following ragas Mohanam, Hamsadvani & Vasanta

CO	CO Statement	PO/PSO	C	KC	Assessment
CO1	<i>Understand the basic concepts in Carnatic music and explain the distinctive features of Indian Music</i>	PO1 PSO2	U R	F C	Semester exam
CO2	<i>Explain the rhythmic aspect in Carnatic Music – Shadangas, Sapta talas, 35 talas and chapu talas</i>	PO1 PSO2	U R	F C	Semester exam

CO3	<i>Summarize the principles behind the formation of 72 melakartas and classify janya ragas</i>	PO1 PSO2 PSO4	U R	F C	Semester exam
CO4	<i>Analyse the features of various musical forms</i>	PO1 PSO2	U An	F C	Semester exam
CO5	<i>Express the lakshana details of the given ragas</i>	PO1 PO2 PSO4	U R	F C	Seminar

Reference List

P Sambanoorthy, South Indian Music Book I, The Indian music publishing house, Sripuram first street, Royapettah, Chennai June 1999

P Sambanoorthy, South Indian Music Book III, The Indian music publishing house, Sripuram first street, Royapettah, Chennai June 2008

S R Janakiraman, Essentials of Musicology in South Indian Music, Karnatic Music book centre March 2008

Semester II
Core course III
Course Code –IIB UMUS 803
Course name -Varnams & Kritis – I

Course outcomes : **Course type- Practical**

- CO1** *Sing aditala Varnams in the given melakartas and janya raga*
- CO2** *Render kritis in audava ragas and a panchama varja raga*
- CO3** *Present a kriti in the melakarta raga, Sankarabharanam*
- CO4** *Orally express the lakshana of the ragas, in which the varnams and kritis are composed*
- CO5** *Differentiate between the ragas, Kalyani and Sankarabharanam - Mohanam and Hamsadhwani*

Contents :

Module 1	Aditala Varnams in Abhogi, Kalyani and Pantuvarali
Module 2	Aditala Varnam in Sankarabharanam
Module 3	Kritis in Mohanam, Abhogi&Vasanta
Module 4	Kritis in Hamsadvani and Sankarabharanam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Sing aditala Varnams in the given melakartas and janya raga</i>	PO1 PSO2 PSO6	U R	P	semester exam
CO2	<i>Render kritis in audava ragas and a panchama varja raga</i>	PO1 PSO2 PSO6	U R	P	semester exam
CO3	<i>Present a kriti in the melakarta raga, sankarabharanam</i>	PO1 PSO2 PSO6	U R	P	Semester exam
CO4	<i>Orally express the lakshana of the ragas, in which the varnams and kritis are composed</i>	PO1 PO2 PSO2 PSO4	U An	P	Assignment
CO5	<i>Differentiate between the ragas, Kalyani and Sankarabharanam - Mohanam and Hamsadhwani</i>	PO1 PO2 PSO2 PSO4	U An	P	Semester exam

Reference list

For notation with lyrics,

A K Ravindranath, Dakshinendian Sangeetham, Kerala Bhasha
Institute,Thiruvananthapuram

T K Govinda Rao, Varna sagaram,Ganamandir publication,Chennai, 2006

T K Govinda Rao , Compositions of Mudduswami Dikshitar,Ganamandir publications, Chennai,1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami
Sastri,Ganamandir publications, Chennai,1997

T K Govinda Rao, Compositions of Tyagaraja ,Ganamandir publications, Chennai,1995

Semester II
Core Course IV
Course code -IIBUMUS804
Course name -Theoretical perspectives – II
Course type- Theory

Course outcomes:

- CO1 *Elaborate the Trayodasalakshana*
CO2 *Summarize the contributions of the Musical Trinity and Svati Tirunal*
CO3 *Describe the features of folk music and generalise its features*
CO4 *Classify musical instruments*
CO5 *Write the lakshana of the ragas prescribed*

Contents:

Module 1	Trayodasalakshana
Module 2	Biography and contributions of Tyagaraja, Muthuswami Dikshitar, Syama Sastri& Svati Tirunal
Module 3	Folk Music and its classification in general
Module 4	Musical instruments and their classification in detail
Module 5	Lakshana of the following ragas Abhogi, Kalyani, Pantuvarali, Sankarabharanam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Elaborate the Trayodasalakshana</i>	PO1 PO2 PSO2	U An	F	semester exam
CO2	<i>Summarize the contributions of the Musical Trinity and Svati Tirunal</i>	PO1 PO2 PSO5	U E	F	semester exam
CO3	<i>Describe the features of folk music and generalize its features</i>	PO1 PO5 PSO5 PSO8	U An	F	Semester exam
CO4	<i>Classify musical instruments</i>	PO1 PSO5	U R	F	Semester exam
CO5	<i>Write the lakshana of the ragas prescribed</i>	PO3 PSO1	U An	F	Assignment

Reference list

P Sambanoorthy, South Indian Music Book III, The Indian music publishing house, Sripuram first street, Royapettah, Chennai , 2008

S Krishnaswami, Musical Instruments of India, Publications division ,Ministry of Information and Broadcasting, Govt. of India

S R Janakiraman, Essentials of Musicology in South Indian Music, Karnatic Music book centre March 2008

Semester III
Core course V
Course code-IIIBUMUM805
Course name -Varnams and Kritis – II
Course type - Practical

Course
outcomes:

- CO1 *Sing aditala Varnams in Vakra Janya ragas*
CO2 *Present the atatala varnam in Kambhoji and Navaragamalika varnam*
CO3 *Render kritis in the melakarta ragas and janya ragas given*
CO4 *Orally express the lakshana of the ragas*
CO5 *Present Kalpanasvaras in Mohanam and Hamsadhwani*

Contents:

Module 1	Aditalavarnams in Sri and Darbar
Module 2	Atalavarnam in Kambhoji& Navaragamalika varnam
Module 3	Kritis in Kalyani, Pantuvarali& Hindolam
Module 4	Kalpana svaras in Mohanam & Hamsadhwani

CO1	<i>Sing aditala Varnams in Vakra Janya ragas</i>	PO1 PSO2 PSO6	U R	P	semester exam
CO2	<i>Present the atatala varnam in Kambhoji and Navaragamalika varnam</i>	PO1 PSO2 PSO6	U R	P	semester exam
CO3	<i>Render kritis in the melakarta ragas and janya ragas given</i>	PO1 PSO2 PSO6	U R	P	Semester exam
CO4	<i>Orally express the lakshana of the ragas</i>	PO1 PSO2	An	F	Seminar
CO5	<i>Present Kalpanasvaras in Mohanam and Hamsadhwani</i>	PO1 PSO6 PSO7	Ap	P	Semester exam

Reference list

For notation with lyric, A K Ravindranath, Dakshinendian Sangeetham, Kerala Bhasha institute,Thiruvananthapuram

T K Govinda Rao, Varna sagaram,Ganamandir publication,Chennai, 2006

T K Govinda Rao, Compositions of Mudduswami Dikshitar,Ganamandir publications, Chennai,1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami Sastri,Ganamandir publications, Chennai,1997

T K Govinda Rao, Compositions of Tyagaraja ,Ganamandir publications, Chennai,1995

Semester III
Core Course VI
Course Code -IIIBUMUM806
Course name-Theoretical perspectives – III
Course type- Theory

Course outcomes:

- CO1 *Identify the features of the musical forms, kriti and kirtana*
CO2 *Describe the symbols used in solfa notation*
CO3 *Notate musical compositions*
CO4 *Evaluate the contributions of pre trinity and post trinity composers*
CO5 *Express the lakshana of the ragas given*

Contents:

Module 1	Musical forms – Kriti and Kirtana
Module 2	Detailed knowledge of notation used in South Indian Music
Module 3	Write in notation Gitam, Varnam, Atatalavarnam and Aditalavarnam
Module 4	Biography and contribution of Svati Tirunal Maharaja, Purandara Dasa, Irayimman Tambi, Patnam Subramanyalyer, Ramanad Srinivasa Iyenger, Papanasam sivan, Nilakanta sivan & Gopalakrishna Bhariti
Module 5	Lakshana of the following ragas Sri ,Darbar, Saranga, Kambhoji

CO1	<i>Identify the features of the musical forms, kriti and kirtana</i>	PO1 PO4 PSO2	U	F	semester exam
CO2	<i>Describe the symbols used in solfa notation</i>	PO2 PSO1 PSO2	U R	F	semester exam
CO3	<i>Notate musical compositions</i>	PO2 PSO2	U Ap	F P	Semester exam
CO4	<i>Evaluate the contributions of pre trinity and post trinity composers</i>	PO1 PSO5	An E	F	Semester exam
CO5	<i>Express the lakshana of the ragas given</i>	PO2 PSO4	An	F P	Seminar

Reference list

P Sambamoorthy, South Indian Music Book III, The Indian music publishing house, Sripuram first street, Royapettah, Chennai , 2008

P Sambamoorthy, South Indian Music Book IV, The Indian music publishing house, Sripuram first street, Royapettah, Chennai , 2008

Semester IV

Core course VII

Course code-IVBUMUS807

Course name-Varnams &
Kritis

Course
outcomes:

Course type-
Practical

- CO1 *Render aditala varnams in Vakra ragas*
CO2 *Sing atatala varnams in melakarta and janya ragas*
CO3 *Present kritis in the ragas prescribed*
CO4 *Render alapana and Kalpana svaras in Audava ragas*
CO5 *Apply Kalpana svaras in major melakarta ragas*

Contents:

Module 1	Aditalavarnams in Sahana and Saranga
Module 2	Atatalavarnams in Sankarabharanam and Kanada
Module 3	Kritis in Sri, Darbar and Kambhoji
Module 4	Raga alapana and Kalpanasvara in Mohanam and Hamsadhvani, Kalpana svaras in Kalyani, Sankarabharana,

CO1	<i>Render aditala varnams in Vakra ragas</i>	PO1 PSO2	U R	P	semester exam
CO2	<i>Sing atatala varnams in melakarta and janya ragas</i>	PO1 PSO2 PSO4	U R	P	semester exam
CO3	<i>Present kritis in the ragas prescribed</i>	PO1 PO2 PSO6	U R	P	Semester exam
CO4	<i>Render alapana and Kalpana svaras in Audava ragas</i>	PO1 PO6 PSO6 PSO7	C	P	Semester exam
CO5	<i>Apply Kalpana svaras in major melakarta ragas</i>	PO1 PO6 PSO6 PSO7	C	P	Semester exam & Seminar

Reference list

For notation with lyrics,

A K Ravindranath, Dakshinendian Sangeetham, Kerala
Bhashainstitute,Thiruvananthapuram

T K Govinda Rao, Varna sagaram,Ganamandir publication,Chennai, 2006

T K Govinda Rao, Compositions of Mudduswami Dikshitar,Ganamandir publications, Chennai,1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami Sastri,Ganamandir
publications, Chennai,1997

T K Govinda Rao, Compositions of Tyagaraja ,Ganamandir publications, Chennai,1995

Semester IV
Core course VIII
Course code-IVBUMUS808
Course name-Theoretical perspectives – IV
Course type- Theory

Course outcomes:

- CO1 *Explain the ten elements governing tala*
CO2 *Evaluate the contribution of Pre Trinity composers and musicians of modern period*
CO3 *Classify pans in tamil music*
CO4 *Demonstrate the features of Kathakali Music*
CO5 *Express the Lakshana details of the prescribed ragas*

Content:

Module 1	Taladasapranas
Module 2	Biography and contribution of Annamacharya, Kshetrajna, Narayana Tirtha, Meera bhai, Jaya Deva ,Andal, Musicians of modern period – Aryakkudi Ramanuja Iyenger, Musiri Subramanya Iyer, G N Balasubramaniam, M S Subbulekshmi, M.L. Vasanthakumari, D.K. Pattammal
Module 3	Raga classification in Tamil Music
Module 4	Ragas, talas and instruments used in Kathakali
Module 5	Lakshana of the following ragas Sahana, Saranga, Kanada

CO1	<i>Explain the ten elements governing tala</i>	PO1 PSO2	U R	F	semester exam
CO2	<i>Evaluate the contribution of Pre Trinity composers and musicians of modern period</i>	PO1 PO4 PSO5	R E	F	semester exam
CO3	<i>Classify pans in tamil music</i>	PO5 PSO8	U R	F	Semester exam
CO4	<i>Demonstrate the features of Kathakali Music</i>	PO5 PSO8	U R	F	Semester exam
CO5	<i>Express the Lakshana details of the prescribed ragas</i>	PO1 PO4 PSO1 PSO2	An	F p	Seminar

Reference list

P Sambamoorthy, South Indian Music Book III, The Indian music publishing house, Sripuram first street, Royapettah, Chennai , 2008

P Sambamoorthy, South Indian Music Book IV, The Indian music publishing house, Sripuram first street, Royapettah, Chennai , 1998

TS Madhavankutty, Kali Kadhakkappuram-Kathakali Kaliyaranginte Padanam, Sahithya pravarthaka sahakarana sangam ,National book stall.

V Raghavan, Collected writings on Indian Music, VR Raghavan centre for performing arts in association with Sangeet Natak Academy, New Delhi

Semester V
Core Course -IX
Course code-VBUMUM809
Course name- Varnams
Course type- Practical

Course outcomes:

- CO1 *Present the atatala varnam in the major janya raga, Bhairavi*
CO2 *Render an aditala varnam in the janya raga Saveri, or in the raga, Todi*
CO3 *Sing Tana varnams in vakra ragas*
CO4 *Preseent an aditala varnam in major janya raga, Natakuranji*
CO5 *Explain the aroha- avaroha and key phrases of the ragas prescribed*

Content:

Module 1	Ata tala varnam in Bhairavi
Module 2	Adi tala varnam in Saveri / Todi
Module 3	Adi tala varnams in Reetigaula / Begada
Module 4	Adi tala varnam in Natakuranji

CO1	<i>Present the atatala varnam in the major janya raga, Bhairavi</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO2	<i>Render an aditala varnam in the janya ragas Saveri, or in the melakartha, Todi</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO3	<i>Sing tana varnams in vakra ragas</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO4	<i>Preseent an aditala varnam in major janya raga, Natakuranji</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO5	<i>Explain the aroha- avaroha and key phrases of the ragas prescribed</i>	PO3 PSO4	An	F	Seminar

Reference list

For notation with lyrics –

A K Ravindranath, Dakshinendian Sangeetham, Kerala

Bhashainstitute, Thiruvananthapuram

T K Govinda Rao, Varna sagaram, Ganamandir publication, Chennai, 2006

Semester V **Core Course -X** **Course code-VBUMUM810**

Course name- Kritis – I
Course type- Practical

Course outcomes:

CO1 *Present 1 Kriti each in two Vakra ragas, Saranga and Sahana*

CO2 *Render 1 Kriti each in the ragas Kanada and Atana*

CO3 *Render 1 Kriti each in Audava Sampurna ragas Arabhi and Bilahari*

CO4 *Present 1 Kriti each in 2 Sudha madhyama melakartas*

CO5 *Explain the aroha- avaroha and key phrases of the ragas prescribed*

Content:

Module 1	Kritis in Saranga and Sahana
Module 2	Kritis in Kanada and Atana
Module 3	Kritis in Arabhi and Bilahari
Module 4	Kritis in Mayamalavagaula and Kharaharapriya

CO1	<i>Present 1 Kriti each in two Vakra ragas, Saranga and Sahana</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO2	<i>Render 1 Kriti each in the ragas Kanada and Atana</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam

CO3	<i>Render 1 Kriti each in Audava Sampurna ragas Arabhi and Bilahari</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO4	<i>Present 1 Kriti each in 2 Sudha madhyama melakartas</i>	PO1 PO2 PSO2 PSO6	U R	P	Semester exam
CO5	<i>Explain the aroha- avaroha and key phrases of the ragas prescribed</i>	PO3 PSO4	An	F	Seminar

Reference list

T K Govinda Rao Compositions of Mudduswami Dikshitar, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami Sastri, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Tyagaraja, Ganamandir publications, Chennai, 1995

Semester V

Core Course –XI

Course Code - VBUMUM811

Course name - Musical forms

Course type-Practical

Course outcomes:

- CO1 *Render Svarajati in the raga, Bhairavi*
- CO2 *Render one composition each belonging to Javali and Padam*
- CO3 *Render one composition each belonging to the musical forms, padam and ragamalika*
- CO4 *Sing one composition representing Devarnama and Tarangam*
- CO5 *Distinguish between the different musical forms and explain the aroha avaroha of the ragas learnt*

Content:

Module 1	Svarajati in raga Bhairavi
Module 2	Padam, Javali
Module 3	Ragamalika, Tillana
Module 4	Devarnama, Tarangam,

CO1	<i>Render Svarajati in the raga, Bhairavi</i>	PO1 PO2 PSO1 PSO6	U R	P	Semester exam
CO2	<i>Render one composition each belonging to Javali and Padam</i>	PO1 PO2 PSO1 PSO6	U R	P	Semester exam
CO3	<i>Render one composition each belonging to the musical forms, padam and ragamalika</i>	PO1 PO2 PSO1 PSO6	U R	P	Semester exam
CO4	<i>Sing one composition representing Devarnama and Tarangam</i>	PO1 PO2 PSO1 PSO6 PSO7	R C	P	Semester exam
CO5	<i>Distinguish between the different musical forms and explain the aroha avaroha of the ragas learnt</i>	PO3 PSO1	A n R	F	Seminar

Reference list

For notation with lyrics

A K Ravindranath, Dakshinendian Sangeetham, Kerala Bhasha institute, Thiruvananthapuram

Semester v

Core Course- XII

Course code-VBUMUM812

Course name- Manodharma Sangitam- I

Course type- Practical

Course outcomes:

- CO1 *Sing the prescribed varnams in three degrees of speed*
- CO2 *Apply simple muttippus in Kalpana Svara singing*
- CO3 *Render alapana and Kalpana svaras in melakartas*
- CO4 *Present kalpanasvaras in melakarta and janya ragas*
- CO5 *Explain the key phrases of the above ragas*

Content:

Module 1	Sing Aditalavarnams in Mohanam, Abhogi and Hamsadvani in 3 degrees of speed
Module 2	Apply simple muttaippu for singing kalpana svaras
Module 3	Raga alapana and Kalpana svaras in the following ragas Kalyani, Sankarabharanam, Pantuvarali
Module 4	Kalpana svara singing in Kanada, Kambhoji and Mayamalava Gaula

CO1	<i>Sing the prescribed varnams in three degrees of speed</i>	PO1 PO6 PSO2 PSO6 PSO7	AP	P	Semester exam
CO2	<i>Apply simple muttaippus in Kalpana Svara singing</i>	PO1 PO6 PSO2 PSO6 PSO7	AP C	P	Semester exam
CO3	<i>Render alapana and Kalpana svaras in melakartas</i>	PO1 PO6 PSO2 PSO6 PSO7	C	P	Semester exam
CO4	<i>Present kalpanasvaras in melakarta and janya ragas</i>	PO1 PO6 PSO2 PSO6 PSO7	C	P	Semester exam
CO5	<i>Explain the key phrases of the above ragas</i>	PO2 PSO1	An	F	Seminar

Semester v
Core Course XIII
Course code-VBUMUM813
Course name -Methodology specific to Music
Course type- Theory

Course outcomes:

- CO1 *Understand the features of musicology*
CO2 *Distinguish between lakshya and lakshana, primary sources and secondary sources*
CO3 *Understand historical studies in music through lakshanagramtas*
CO4 *Summarize the different methods for improving improvisation/manodharma*
CO5 *Understand the general pattern of a music concert and write concert reviews*

Content:

Module 1	Features of musicology – why a separate methodology required for studying Music? Reasons for taking Mayamalava gaula as the basic raga for preliminary lessons Lakshya and Lakshana, primary sources and secondary sources – Historical studies in Music – Text books and journals, Lakshanagrantas – Natya Sastra, Brihaddesi, Sangita Ratnakara
Module 2	Creativity or improvisation in Music – methods to improve manodharma – Tools for improving creativity- importance of Akara Sadhana, Trikala Sadhana, anuloma – viloma sadhana,
Module 3	General pattern of a concert programme
Module 4	How to write concert reviews

CO1	<i>Understand the features of musicology</i>	PO1 PO2 PSO2	U	F	Semester exam
CO2	<i>Distinguish between lakshya and lakshana primary sources and secondary sources</i>	PO4 PSO1	U	F	Semester exam
CO3	<i>Understand historical studies in music through lakshanaaramtas</i>	PO3 PSO5	U	F	Semester exam
CO4	<i>Summarize the different methods for improving improvisation/manodharma</i>	PO4 PSO1 PSO7	U Ap	F P	Semester exam
CO5	<i>Understand the general pattern of a music concert and write concert reviews</i>	PO6 PSO1 PSO6	U An	F	Assignment

Reference list

RK Shringy, Sangeetaratnakara of Sarangadeva, Text and English translation with comments and notes Vol. I

S Bhagyalekshmy, Lakshanagrandhas in Music, CBH Publications

T V Manikandan, Lakshana and Lakshya of Carnatic Music, Kanishka publications, New Delhi

Semester V Core course- XIV

Course code-VBUMUM814

Course name- Project

Course type- Theory

Course outcomes:

CO1 *Identify different areas of musicology*

CO2 *Correlate vocal Music and Musicology*

CO3 *Express ideas about different areas of*

Music CO4 *Express basic knowledge of Music*

research CO5 Critically write about the topic selected

Mod1	Identify various areas of musicology – Lakshanas of ragas, musical forms, musical instruments, styles of Vaggeyakaras, modern technology in Music, Musical pedagogy, Music and other disciplines
Mod2	Choose a topic from the areas prescribed
Mod3	Write critically about the topic selected
Mod4	Arrange the content in different chapters

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Identify different areas of musicology</i>	PO1 PSO2	U	F	Assignment

CO2	<i>Correlate vocal Music and Musicology</i>	PO2 PSO2	E	F	„
CO3	<i>Express ideas about different areas of Music</i>	PO2 PSO3	C	P	„
CO4	<i>Express basic knowledge of Music research</i>	PO4 PSO2 PSO6	U,Ap	F,C	„
CO5	<i>Critically write about the topic selected</i>	PO4 PSO2	An	P	Semester exam

*The student should submit a project not exceeding 25 pages, on a topic of his/her own choice, taken from the various areas of musicology prescribed.

Semester VI

Core course -XV

Course code-VIBUMUS815

Course name-Group kritis

Course type-Practical

Course
outcomes:

- CO1 *Sing ghana raga pancharatna kritis in ragas, Sri And Arabhi*
CO2 *Present a navagraha kriti*
CO3 *Render a navaratri kriti*
CO4 *Sing a navaratnamalika kriti*
CO5 *Render a kriti belonging to Kovur pancharatnam*

Content:

Module 1	Ghanaraga pancharatnam in ragas, Sri and Arabhi
Module 2	Navagraha Kriti in raga Surutti /Natakuranji
Module 3	Navaratri Kriti in raga Sankarabharanam/Saveri
Module 4	Navaratnamalika in raga Anandabhairavi/Sankarabharanam
Module 5	Kovur Pancharatnam in Pantuvarali

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Sing ghana raga pancharatna kritis in ragas, Sri And Arabhi</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO2	<i>Present a navagraha kriti</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO3	<i>Render a navaratri kriti</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO4	<i>Sing a navaratnamalika kriti</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO5	<i>Render a kriti belonging to Kovur pancharatnam</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam

Reference list

T K Govinda Rao, Compositions of Mudduswami Dikshitar, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami Sastri, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Tyagaraja, Ganamandir publications, Chennai, 1995

Semester VI Core Course –XVI

Course code-VIBUMUS816

Course name- Kritis –II

Course type- Practical

Course outcomes:

CO 1 *Render 1 kriti each in the major janyaragas, Bhairavi, and Madhyamavati*

CO 2 *Sing 1 Kriti each in 2 melakarthis belonging to Sudha madhyama and pratimadhyama group*

CO 3 *Present a kriti in either Saveri or Todi*

CO 4 *Sing a kriti in an Ubhaya vakra raga a a*

CO 5 *Sing a kriti in an audava- sampurna rag*

Content:

Mod1	Kritis in Bhairavi, and Madhyamavathi
Mod2	Kritis in Shanmukhapriya and Harikambhoji
Mod3	Kritis in Todi / Saveri
Mod4	Kritis in Reetigaula and Kedaragaula

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render 1 kriti each in the major janyaragas, Bhairavi, and Madhyamavati</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO2	<i>Sing 1 Kriti each in 2 melakarthis belonging to Sudha madhyama and pratimadhyama group</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO3	<i>Present a kriti in either Saveri or Todi</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam

CO4	<i>Sing a kriti in an Ubhaya vakra raga</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exam
CO5	<i>Sing a kriti in an audava-sampurna raga</i>	PO1 PO2 PSO1 PSO6	R	P	Semester exa

Reference list

T K Govinda Rao, Compositions of Mudduswami Dikshitar, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Syama Sastri, Subharaya Sastri and Annaswami Sastri, Ganamandir publications, Chennai, 1997

T K Govinda Rao, Compositions of Tyagaraja, Ganamandir publications, Chennai 1995

Semester VI **Core Course -XVII** **Course code-VIBUMUS817** **Course name- Manodharma Sangitam -II** **Course type- Practical**

Course outcomes:

CO1	<i>Apply manodharma in major janaka ragas</i>
CO2	<i>Apply manodharma in major janya ragas</i>
CO3	<i>Render raga alapana and kalpana svara in major audava sampurna ragas and vakra</i>
CO4	<i>Sing a simple pallavi with trikala rendering</i>
CO5	<i>Render alapana and kalpana svaras in the major janya ragas</i>

Content:

Mod1	Raga alapana, Niraval & Kalpana svara rendering in Kharaharapriya, Sankarabharanam, Kalyani, Pantuvarali, and Shanmukhapriya
Mod2	Raga alapana, Niraval and Kalpana svara singing in Kambhoji and Madhyamavati,
Mod3	Raga alapana and kalpana svara singing in Bilahari and Arabhi, Raga alapana in Sahana and Atana
Mod4	A simple pallavi with trikala rendering

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Apply manodharma in major janaka ragas</i>	PO1 PO2 PSO1 PSO2	R	P	Semester exam
CO2	<i>Apply manodharma in major janya ragas</i>	PO1 PO2 PSO1 PSO2	R	P	Semester exam
CO3	<i>Render raga alapana and kalpana svara in major audava sampurna ragas and vakra ragas</i>	PO1 PO2 PSO1 PSO2	R	P	Semester exam
CO4	Sing a simple pallavi with trikala rendering	PO6 PSO1 PSO6 PSO7	R	P	Semester exam
CO5	<i>Render alapana and kalpana svaras in the major janya ragas</i>	PO6 PSO1 PSO6 PSO7	A p C	P	Seminar

Semester VI
Core course XVIII

Course code-VIBUMUS818

Course name-Music Concert

Course type- Practical

Course
outcomes:

- CO1 *Understand the general pattern of presenting a Music concert*
CO2 *Prepare for a music concert by including various musical forms*
CO3 *Choose musical pieces as main and submain items*
CO4 *Apply manodharma to the selected items*
CO5 *Understand the team work with co-artists*

Content:

- Module 1 Understand the general pattern of a music concert
Module 2 Preparation for the concert, with accompanying instruments, violin
 & mridangam
Module 3 Selection of main and sub main musical pieces, different
 musical forms etc.
Module 4 Applying manodharma to the selected items

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Understand the general pattern of presenting a Music concert</i>	PO3 PO6 PSO6	Ap	F	Seminar
CO2	<i>Prepare for a music concert by including various musical forms</i>	PO3 PO6 PSO6	Ap An	F	Semester exam
CO3	<i>Choose musical pieces as main and submain items</i>	PO3 PO6 PSO6	R Ap	P	Semester exam
CO4	<i>Apply manodharma to the selected items</i>	PO6 PSO6 PSO7	Ap C	P	Semester exam
CO5	<i>Understand the team work with co-artists</i>	PO6 PSO6 PSO7	Ap E	P	Semester exam

Core course- XIX

Course Code-VIBUMUS819

Course name-Theoretical perspectives – V

Course type- Theory

Course outcomes:

- CO1 *Explain panchadasa gamakas with examples*
- CO2 *Theorize the manodharma sangita paddhati*
- CO3 *Understand thats and their corresponding ragas,features of Western music*
- CO4 *Describe the lakshana of the given ragas*
- CO5 *Summarize the features of different musical forms*

Content:

Module 1	Gamakas
Module 2	Manodharma Sangita Paddhati – Alapana, Niraval, Kalpanasvaram, Ragam, Tanam, Pallavi
Module 3	Ragas in Hindustani Music – Thats and corresponding ragas, features of Western music
Module 4	Lakshana of the ragas- Bhairavi, Reetigaula, Saveri, Begada
Module 5	Musical forms- Padam, Javali, Tillana, Ragamalika

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Explain panchadasa gamakas with examples</i>	PO1 PSO1 PSO2	R	F	Semester exam
CO2	<i>Theorize the manodharma sangita paddhati</i>	PO1 PO3 PSO1 PSO2	R An	F	Semester exam
CO3	<i>Understand thats and their corresponding ragas,features of Western music</i>	PO5 PSO8	U R	C F	Semester exam
CO4	<i>Describe the lakshana of the given ragas</i>	PO2 PSO4	U R	P	Seminar
CO5	<i>Summarize the features of different musical forms</i>	PO2 PSO1	U R	F	Semester exam

Reference list

P Sambamoorthy, South Indian Music Book III, The Indian music publishing house, Sripuram first street, Royapettah, Chennai, 2008

Sandeep Bagchee, NAD Understanding Raga Music, Eeswar, 229A Krantiveer Rajguru Marg, Mumbai

Vidya Sanker, The art and Science of Carnatic Music, PARAMPARA, association for the preservation of Classical Carnatic Music, Chennai.

COMPLEMENTARY COURSES

Course Code ICUMUM827 (Semester I)

Course Name: VIOLIN PRACTICAL– I

Course outcomes:

CO1 *Play Sarali Varisas and Janta Varisas in three degrees of speed*

CO2 *Play Madhyasthayi Varisas and Tarasthayi varisas in various degrees of speed*

CO3 *Perform Saptatala alankaras and understand the seven talas*

CO4 *Render Malahari gitam in two degrees of speed*

CO5 *Present the various types of bowing and fingering techniques*

Content :

Module I	Saralivarisas & Jantavarisas
Module II	Madhya sthayi varisas & Tara sthayivarisas.
Module III	Saptatalaalankaras
Module IV	Gitam in Malahari

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Play Sarali Varisas and Janta Varisas in three degrees of speed</i>	PO1 PO2 PSO1 PSO7	R U	P	Semester exam
CO2	<i>Play Madhyasthayi Varisas and Tarasthayi varisas in various degrees of speed</i>	PO1 PO2 PO6 PSO1	R U	P	Assignment / Seminar

CO3	<i>Perform Saptatala alankaras and understand the seven talas</i>	PO1 PO2 PO6 PSO1 PSO7	R U A	P F	Semester exam
CO4	<i>Render Malahari gitam in two degrees of speed gitam</i>	PO1 PO2 PO6 PSO1	R U A	P	Semester exam
CO5	<i>Present the various types of bowing and fingering techniques</i>	PO1 PO2 PO6 PSO1	U A	P	Semester exam

Course Code: IICUMUS828(Semester II)

Course Name: VIOLIN PRACTICAL–II

Course outcomes:

CO1 *Play the Gitam in Mohanam*

CO2 *Render swarajati in Bilahari*

CO3 *Perform Jatiswaram in sankarabharnam*

CO4 *Play the tanavarnam in Mohanam*

CO5 *Explain the gamakas employed in the prescribed ragas and distinguish between the bowing techniques for sahitya and akara*

Content

Module I	Gitam in Mohanam
Module II	Swarajati in Bilahari
Module III	Jatiswaram in Sankarabharanam
Module IV	Varnam in Mohanam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Play the Gitam in Mohanam</i>	PO1 PO2 PSO1	R U A	P	Assignment / Seminar
CO2	<i>Render swarajati in Bilahari</i>	PO1 PO2 PSO1	R U A	P	exam
CO3	<i>Perform Jatiswaram in sankarabharanam</i>	PO1 PO2 PSO1	R U A	P	Semester exam
CO4	<i>Play the tanavarnam in Mohanam in two degrees of speed</i>	PO1 PO2 PSO1	R U A	P	Semester exam
CO5	<i>Explain the gamakas employed in the prescribed ragas and distinguish between the bowing techniques for sahitya and akara</i>	PO1 PO2 PSO1	R U A	P	Semester exam

Course Code : **IIICUMUM829(Semester III)**

Course Name : VIOLIN PRACTICAL-III

Course outcomes:

- CO1 *Render the varnam in Hamsadhwani*
CO2 *Play the varnam in Sankarabharanam*
CO3 *Perform a kriti in Sudhasaveri raga*
CO4 *Present a nottuswara in Sankarabharanam*
CO5 *Understand the gamakas in Sankarabharanam and distinguish between plain note rendering and application of gamaka*

Content:

Module I	Varnam in Hamsadhwani
Module II	Varnam in Sankarabharanam
Module III	Kriti in Sudha saveri
Module IV	Nottu swara sahitya

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render the varnam in Hamsadhwani</i>	PO1 PO2 PSO1	R U	P	Semester exam
CO2	<i>Play the varnam in sankarabharanam</i>	PO1 PO2 PSO1 PSO7	R U	P	Assignment/Seminar
CO3	<i>Perform a kriti in Sudhasaveri raga</i>	PO1 PO2 PSO6 PSO1	R U	P	Semester exam
CO4	<i>Present a nottuswara in sankarabharanam</i>	PO1 PO2 PSO1	R U	P	Semester exam
CO5	<i>Understand the gamakas in sankarabharanam and distinguish between plain note rendering and application of gamaka</i>	PO1 PO2 PO6 PSO1 PSO8	R U A	P	Semester exam

Course Code : **IVCUMUS830 (Semester IV)**

Course Name : VIOLIN PRACTICAL- IV

Course outcomes:

CO1 *Render varnam in Abhogi*

CO2 *Perform Adiatata varnam in Kalyani*

CO3 *Play a kriti in a janya raga*

CO4 *Present a simple kriti in a melakartha*

CO5 *Understand the features of Aditalavarnam*

Content:

Module I AditalaVarnam in Abhogi

Module I Aditala Varnam in Kalyani

Module III Kriti in a janya raga

Module IV Kriti in a melakartha raga

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render varnam in Abhogi</i>	PO1 PO2 PO6 PSO1 PSO7	R U	P	Semester exam
CO2	<i>Perform Adiatata varnam in Kalyani</i>	PO1 PO2 PO6 PSO1 PSO7	R U	P	Semester exam
CO3	<i>Play a kriti in a janya raga</i>	PO1 PO2 PO6 PSO1 PSO3	R U	P	Assignment/Seminar
CO4	<i>Present a simple kriti in a melakartha</i>	PO1 PO2 PO6 PSO1	R U	P	Semester exam
CO5	<i>Understand the features of aditalavarnam</i>	PO1 PO6 PSO7	R U A	P	Semester exam

Course Code : IC UMUM 831 (Semester I)**Course Name : MRIDANGAM PRACTICAL -I**

Course Outcomes:

CO1: *Perform the nine varieties of Tha Thi Dhom Nam*

CO2: *Apply fundamental lessons (Patakkai) in Adi tala*

CO3: *Recite fundamental lessons (Patakkai) in Adi tala*

CO4: *Apply fundamental lessons (Patakkai) in Rupaka tala*

CO5: *Recite fundamental lessons (Patakkai) in Rupaka tala*

Content:

Module: I Fundamental exercise THA, THI, DOM, NAM-nine varieties

Module: II Fundamental Laya lessons (Patakkai) in Aditala

Module : III Fundamental Laya lessons (Patakkai) in Rupaka tala

Module: IV Oral training of Fundamental Laya lessons (Patakkai) in Rupakatala

CO	CO Statement	PO/PSO	CL	KC	Assesment
CO1	<i>Perform the nine varieties of Tha Thi Dom Nam</i>	PO1 PO2 PSO1	U	F P	Semester exam
CO2	<i>Apply fundamental lessons (Patakkai) in Adi tala</i>	PO1 PO2 PSO1	AP	P	-do-
CO3	<i>Recite fundamental lessons (Patakkai) in Adi tala</i>	PO1 PO2 PSO1	AP	P	-do-
CO4	<i>Apply fundamental lessons (Patakkai) in Rupaka tala</i>	PO1 PO2 PSO1	AP	P	Assignment / Seminar
CO5	<i>Recite fundamental lessons (Patakkai) in Rupaka tala</i>	PO1 PO2 PSO1	U R	P	Semester exam

Course Code : IICUMUS832 (Semester II)
Course Name : MRIDANGAM PRACTICAL- II

Course Outcomes:

- CO1: *Perform the fundamental lessons (Patakkai) in Misrachapu tala*
 CO2: *Apply fundamental lessons (Patakkai) in Misrachapu tala*
 CO3: *Perform the fundamental lessons (Patakkai) in Khanda chapu tala*
 CO4: *Apply fundamental lessons (Patakkai) in Khandachapu tala*
 CO5: *Play taniyavarthanam in Adi tala*

Content:

- Module: I Fundamental Laya lessons (Patakkai) in Misra Chapu tala
 Module: II Fundamental Laya lessons (Patakkai) in Khanda Chaputala
 Module: III Oral training of Fundamental Laya lessons (Patakkai) in Misra Chapu and Khanda Chapu tala
 Module: IV Taniyavarthanam in Aditala

CO	CO Statement	PO/PSO	CL	KC	Assesment
CO1	<i>Perform the fundamental lessons (Patakkai) in Misrachapu tala</i>	PO1 PO2 PSO1	U	P	Semester exam
CO2	<i>Apply fundamental lessons (Patakkai) in Misrachapu tala</i>	PO1 PO2 PSO1	AP	P	-do-
CO3	<i>Perform the fundamental lessons (Patakkai) in Khanda chapu tala</i>	PO1 PO2 PSO1	U	P	-do-
CO4	<i>Apply fundamental lessons (Patakkai) in Khandachapu tala</i>	PO1 PO2 PSO1	AP	P	Assignment / Seminar
CO5	<i>Play taniyavarthanam in Adi tala</i>	PO1 PO2 PSO1	R	P	Semester exam

Course Code : IIICUMUM833 (Semester III)
Course Name : MRIDANGAM PRACTICAL- III

Course Outcomes:

- CO1: *Play taniyavarthanam in Rupaka tala*
 CO2: *Render Mohra and Korvai in Misrachapu tala*
 CO3: *Render Mohra and Korvai in Khandachapu tala*
 CO4: *Apply the Korvais learnt, in various talas*
 CO5: *Demonstrate the difference in applying Korvais to various talas*

Content:

- Module: I Taniyavarthanam in Rupakatala
 Module: II Mohra and Korvai in Misrachapu tala
 Module: III Mohra and Korvai in Khandachapu tala
 Module: IV Oral training of Korvais in various talas

CO	CO Statement	PO/PSO	CL	KC	Assesment
CO1	<i>Play taniyavarthanam in Rupaka tala</i>	PO1 PO2 PSO1	R	P	Semester exam
CO2	<i>Render Mohra and Korvai in Misrachapu tala</i>	PO1 PO2 PSO1	C	P	-do-
CO3	<i>Render Mohra and Korvai in Khandachapu tala</i>	PO1 PO2 PSO1	C	P	-do-
CO4	<i>Apply the Korvais learnt, in various talas</i>	PO1 PO2 PSO1	AP	P	Assignment / Seminar
CO5	<i>Demonstrate the difference in applying Korvais to various talas</i>	PO1 PO2 PSO1	U AP	P	Semester exam

Course Code : IVC UMUS 834 (Semester IV)
Course Name : MRIDANGAM PRACTICAL-IV

Course Outcomes:

- CO1: *Play Taniyavarthanam in Misrachapu tala*
 CO2: *Apply Pancha jathi Tha Dhi Ki Ta Dom in the talas Adi, Rupaka, Misrachapu and Khandachapu*
 CO3: *Recite Pancha jathi Tha Dhi Ki Ta Dom in Adi tala*
 CO4: *Recite Pancha jathi Tha Dhi Ki Ta Dom in Rupaka tala*
 CO5: *Recite Pancha jathi Tha Dti Kta Dom in Misrachapu and Khanda chapu Talas*

Content:

- Module:I Taniyavarthanam in Misrachaputalam
 Module:II Pancha jathi Tha Dhi Ki Ta Dom in Adi tala
 Module:III Pancha jathi Tha Dhi Ki Ta Dom in Rupaka tala
 Module:IV Pancha jathi Tha Dti Kta Dom in Misrachapu and Khanda chapu Talas

CO	CO Statement	PO/PSO	CL	KC	Assesment
CO1	<i>Play Taniyavarthanam in Misrachapu tala</i>	PO1 PO2 PSO1	R	P	Semester exam
CO2	<i>Apply pancha jati Tha Dhi Ki Ta Dom in the talas Adi, Rupaka, Misrachapu and Khandachapu</i>	PO1 PO2 PSO1	C	P	Assignment / Seminar
CO3	<i>Recite pancha jati Tha Dhi Ki Ta Dom in Adi tala</i>	PO1 PO2 PSO1	C	P	Semester exam
CO4	<i>Recite Pancha jati Tha Dhi Ki Ta Dom in Rupaka tala</i>	PO1 PO2 PSO1	AP	P	-do-
CO5	<i>Recite pancha jati Tha Dti Kta Dom in Misrachapu and Khanda chapu talas</i>	PO1 PO2 PSO1	AP	F P	-do-

OPEN COURSE (Semester V)

Course code -VDUMUM835

Course name-Simple compositions of Tyagaraja

Course type- Practical

Outcomes:

- CO1 *Render any 6 Divyananameertanams authored by Tyagaraja*
- CO2 *Render any 4 Utsava sampradaya keertanas*
- CO3 *Sing 2 compositions each belonging to Ekadhatu and Dvidhatu kritis*
- CO4 *Sing 5 kritis in Desadi tala*
- CO5 *Demonstrate the difference between the above mentioned compositions*

Content:

- Module I : Divya namakeertanas
- Module II : Utsava sampradaya keertanas
- Module III : Ekadhatu and dvidhatu kritis
- Module IV : Kritis in Desadi talas

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render Divyananameertanams authored by Tyagaraja (6/8)</i>	PO1 PSO1 PSO2	R	P	Semester exam
CO2	<i>Render Utsava sampradaya keertanas (4/5)</i>	PO1 PSO1 PSO6	R	P	Assignment
CO3	<i>Sing 2 compositions each belonging to Ekadhatu and Dvidhatu kritis</i>	PO1 PSO1 PSO2	R	P	Semester exam
CO4	<i>Sing 5 kritis in Desadi tala</i>	PO1 PSO1 PSO2	R	P	Semester exam
CO5	<i>Demonstrate the difference between the above mentioned compositions</i>	PO2 PSO1	U R	F	Semester exam

Course Code- VDUMUM836
Course name- Simple compositions of Muthuswami
Dikshitar Course type- Practical

Outcomes:

- CO1 *Render the prescribed Nottusvara sahityam-s*
CO2 *Render the prescribed Nottusvara sahityam-s*
CO3 *Sing simple kritis in Aditalam*
CO4 *Sing simple kritis in Rupaka talam*
CO5 *Identify the ragas in which the compositions (learnt) are composed*

Content:

- Module I : Nottusvara sahityam-s
 Syamale Meenakshi
 Saktisahitaganapatim
 Varasivabalam
 Vande Meenakshi
Module II : Nottusvara sahityam-s
 Rama Janardana
 Santatam
 Pahimam
Module III : Simple kritis in Adi talam
Module IV : Simple kritis in Rupaka talam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render the prescribed Nottusvara sahityam-s</i>	PO5 PSO1 PSO8	R	P	Semester exam
CO2	<i>Render the prescribed Nottusvara sahityam-s</i>	PO5 PSO1 PSO8	R	P	Semester exam
CO3	<i>Sing simple kritis in Aditalam</i>	PO5 PSO1 PSO8	R	P	Semester exam
CO4	<i>Sing simple kritis in Rupaka talam</i>	PO5 PSO1 PSO8	R	P	Semester exam
CO5	<i>Identify the ragas in which the compositions (learnt) are composed</i>	PO5 PSO1	U R	F	Assignment

Reference list

V Madhavan Nair, Kerala Sangeetham, D C Books, 2003

Course Code-VDUMUM837

Course name- Musical compositions figuring in dance

concerts Course type- Practical

Outcomes:

CO1 *Sing one jatisvaram*

CO2 *Present 5 tarangams of Narayana Tirtha*

CO3 *Perform 5 tillanas of various composers*

CO4 *Render 5 padams of various composers*

CO5 *Explain the ragas and talas in which the compositions are set*

ModuleI Jatiswaram

ModuleII Tarangam

ModuleIII Tillana

ModuleIV Padam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Sing one jatisvaram</i>	PO1 PO5 PSO1 PSO2	R	P	Semester exam
CO2	<i>Present 5 tarangams of Narayana Tirtha</i>	PO1 PO5 PSO1 PSO2	R	P	Semester exam
CO3	<i>Perform 5 tillanas of various composers</i>	PO1 PO5 PSO1 PSO2	R	P	Semester exam
CO4	<i>Render 5 padams of various composers</i>	PO1 PO5 PSO1 PSO2	R	P	Semester exam
CO5	<i>Explain the ragas and talas in which the compositions are set</i>	PO1 PO5 PSO1 PSO4	U R	F	Seminar

Course code-VDUMUM838

Course name- MUSICAL HERITAGE OF KERALA

Course type- Theory

Course outcomes

- CO1 *Explain the features of Sopana Sangitam and Kathakali Sangitam*
- CO2 *Recognise the contribution of the following Keralite composers to Carnatic Music*
- CO3 *Identify the common ragas used in carnatic Music and Malayalam Film Music*
- CO4 *Classify Kerala Talas*
- CO5 *Understand the form and format of the Tala ensembles in Kerala*

Content:

ModuleI	Sopana sangitam & Kathakali sangitam
ModuleII	Kerala composers and their contributions 1. Svati Tirunal 2. Irayimman Tampi 3. Kuttikunju Tankachi 4. K.C. Kesava Pillai 5. Cherthala Gopalan Nair
ModuleIII	A General view of the common ragas used in Malayalam Film Music and Carnatic Music
ModuleIV	Kerala Talas
Module V	Tala ensembles of Kerala

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Explain the features of Sopana Sangitam and Kathakali Sangitam</i>	PO1 PO5 PSO5 PSO8 PSO4	U An	F C	Semester exam
CO2	<i>Recognise the contribution of the following Keralite composers to Carnatic Music</i>	PO1 PSO5	U	F	-do-
CO3	<i>Identify the common ragas used in carnatic Music and Malayalam Film Music</i>	PO1 PO3 PSO1 PSO4	U, An	F	Assignment / Seminar
CO4	<i>Classify Kerala Talas</i>	PO1 PSO1 PSO8	U	F C	Semester exam
CO5	<i>Understand the form and format of the Tala ensembles in Kerala</i>	PO1 PSO2 PSO8	U	F C	Semester exam

Reference list

V Madhavan Nair, Kerala Sangeetham, D C Books, 2003

Course Code-VDUMUM839

Course name -GENERAL INTRODUCTION TO MUSICAL INSTRUMENTS

Course type- Theory

Course outcomes:

- CO1 *Classify the musical instruments in Indian Music*
- CO2 *Identify the different types of stringed instruments used in Hindustani and carnatic systems of Music*
- CO3 *Recognise the different types of percussion and wind instruments used in the two systems of Music*
- CO4 *Understand the antiquity of musical instruments through folk music*
- CO5 *Distinguish between sangita Vadyas and Laya Vadyas*

Content:

ModuleI	History and Classification of Musical Instruments.
ModuleII	Stringed Instruments in Carnatic & Hindustani systems of Music- Veena, Violin, Tambura, Gottuvadyam, Viola, Sarangi, Sarod
ModuleIII	Percussion Instruments in Carnatic & Hindustani systems of Music- Mridangam, Ghatam, Ganjira, Tabla, Pakhwaj
ModuleIV	Wind Instruments in Carnatic & Hindustani systems of Music- Flute, Nagaswaram, Shahnai, Clarinet
Module V	Musical Instruments used in Folk Music

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Classify the musical instruments in Indian</i>	PO1 PSO5	R U	F	Semester exam
CO2	<i>Identify the different types of stringed instruments used in Hindustani and carnatic systems of Music</i>	PO1 PO5 PSO5 PSO8	R U	F	Semester exam
CO3	<i>Recognise the different types of percussion and wind instruments used in the two systems of Music</i>	PO1 PO5 PSO5 PSO8	R U	F	Semester exam
CO4	<i>Understand the antiquity of musical instruments through folk music</i>	PO1 PSO5 PSO8	U An	F	Semester exam
CO5	<i>Distinguish between sangita Vadyas and Laya Vadyas</i>	PO1 PSO1 PSO5	U An	F C	Assignment/Seminar

Reference list

B Chaithanya Deva, Musical Instruments of India Their History and Development, Munshiram Manoharram publishers pvt ltd

P Sambamoorthy, South Indian Music III, The Indian music publishing house ,Chennai, 2008

S Krishnaswamy, Musical Instruments of India, Publications division, Ministry of information and broadcasting, Govt of India

Course Code -VDUMUM840
Course name-FACETS OF INDIAN MUSIC
Course type- Theory

Course outcomes:

- CO1 *Identify the different features of Indian Music*
- CO2 *Explain the Music of Vedic period*
- CO3 *Refer to Music as explained in Lakshana grantas and in non – sangita literature*
- CO4 *Interpret the social, cultural, intellectual and emotional aspects of Indian Music*
- CO5 *Identify different types of Music concerts*

Content:

- Module I Distinctive features of Indian Music – Raga system, Tala System, Musical compositions, Manodharma Sangita
- Module II Music during the vedic period
- Module III Introduction to Lakshana grantas and reference of Music in non sangita literature
- Module IV Social, Cultural, intellectual and emotional aspects of Indian Music
- Module V Music performances – Different types of concerts

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Identify the different features of Indian Music</i>	PO1 PSO8	U,R	F	Semester exam
CO2	<i>Explain the Music of Vedic period</i>	PO5 PSO5	U	F	Semester exam
CO3	<i>Refer to Music as explained in Lakshana grantas and in non – sangita literature</i>	PO1 PSO5	U,R	F	Semester exam
CO4	<i>Interpret the social, cultural, intellectual and emotional aspects of Indian Music</i>	PO4 PSO2	An	F	Semester exam
CO5	<i>Identify different types of Music concerts</i>	PO1 PSO1	U R	F	Assignment

Choice based core courses (Semester VI)
Course Code-VIGUMUS820
Course name -Compositions of Maharaja Svati Tirunal
Course type- Practical

Course outcomes:

- CO1 *Sing one padam and javali composed by Svati Tirunal Maharaja*
CO2 *Render one Ragamalika and one sloka from Bhaktimanjari*
CO3 *Sing two manipravala kritis*
CO4 *Render the tillana in Dhanasree and one bhajan*
CO5 *Identify the musical forms in which Svati Tirunal composed compositions*

Content:

- Module I : Padam and Javali (one each)
Module II : One Ragamalika and a sloka from Bhaktimanjari
Module III : Manipravala Kritis
Module IV : Tillana in the raga, Dhanasree and a bhajan

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Sing one padam and javali composed by Svati Tirunal Maharaja</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO2	<i>Render one Ragamalika and one sloka from Bhaktimanjari</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO3	<i>Sing two manipravala kritis</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO4	<i>Render the tillana in Dhanasree and one bhajan</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO5	<i>Identify the musical forms in which Svati Tirunal composed compositions</i>	PO1 PSO5	U R	F	Seminar

Course Code -VIGUMUS819**Course name-Creative Music****Course type- Practical**

Course
outcomes:

CO1 *Explore the possibilities of Varnam in improving manodharma sangita*

CO2 *Make simple Pallavis and sing muttaippus in Svara Kalpana*

CO3 *Sing Niraval and Virutham in selected ragas*

CO4 *Render Alapana and Tanam in selected ragas*

CO5 *Differentiate between the branches of manodharma sangita*

Content:

Module I : Approach to manodharma sangita through varnams

Module II : Making of simple pallavis and Muttaiippus in Kalpana svara

Module III : Niraval and Virutham singing

Module IV : Raga alapana and Tanam singing

CO	CO Statement	PO/P SO	CL	KC	Assessment
CO1	<i>Explore the possibilities of varnams as a means to improve efficiency in manodharma sangita</i>	PO1 PO4 PO6 PSO6 PSO7	Ap	P	Semester exam
CO2	<i>Make simple Pallavis and sing muttaippus in Svara Kalpana</i>	PO1 PO4 PO6 PSO6 PSO7	C Ap	P	Semester exam
CO3	<i>Sing Niraval and Virutham in selected ragas</i>	PO1 PO4 PO6 PSO6 PSO7	C	P	Semester exam
CO4	<i>Render Alapana and Tanam in selected ragas</i>	PO1 PO6 PSO6 PSO7	C	P	Semester exam
CO5	<i>Differentiate between the branches of manodharma sangita</i>	PO2 PSO1	An	F	Assignment

Course Code-VIGUMUS820
Course name- Carnatic Music repertoire of
Kerala Course type- Practical

Course outcomes:

- CO1 *Render simple kritis and bhajans of Svati Tirunal Maharaja*
CO2 *Sing 3 kritis of Irayimman Tambi*
CO3 *Present 3 kritis of K C Kesava Pillai*
CO4 *Sing 2 kritis each of Mahakavi Kuttamath and Tulaseevanam*
CO5 *Recognize the composers who provided melody to the lyrics of Kerala sahityakaras*

Content:

Module I : Simple kritis and Bhajans of Svati

Tirunal Module II : Kritis of Irayimman Tambi

Module III : Kritis of KC Kesava Pillai

Module IV : Kritis of Mahakavi Kuttamath and Tulaseevanam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Render simple kritis and bhajans of Svati Tirunal Maharaja</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO2	<i>Sing 3 kritis of Irayimman Tambi</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO3	<i>Present 3 kritis of K C Kesava Pillai</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO4	<i>Sing 2 kritis each of Mahakavi Kuttamath and Tulaseevanam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO5	<i>Recognize the composers who provided melody to the lyrics of Kerala sahityakaras</i>	PO1 PSO1 PSO5	U R	F	Assignment

Course code -VIGUMUS821
Course name -Tyagaraja kritis with thematic diversity
Course type- Practical

Course outcomes:

- CO1 *Perform 5 Utsava sampradaya Keertanas*
CO2 *Present one kriti each belonging to Tiruvottiyur pancharatnam and Kovur pancharatnam*
CO3 *Sing one kriti each belonging to Srirangam pancharatnam and Lalgudi Pancharatnam*
CO4 *Render 5 kritis from Prahlada Bhakti Vijayam*
CO5 *Find out the thematic diversity in Tyagaraja kritis*

Content:

- Module I : Utsava sampradaya keertanas
Module II : One kriti each from Tiruvottiyar Pancharatnam and Kovur Pancharatnam
Module III : One Kriti each from Sreerangam Pancharatnam and Lalgudi Pancharatnam
Module IV : Kritis from Prahladabhakti Vijayam

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Perform 5 Utsava sampradaya Kritis</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO2	<i>Present one kriti each belonging to Tiruvottiyur pancharatnam and Kovur pancharatnam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO3	<i>Sing one kriti each belonging to Srirangam pancharatnam and Lalgudi Pancharatnam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO4	<i>Render 5 kritis from Prahlada Bhakti Vijayam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO5	<i>Find out the thematic diversity in Tyagaraja kritis</i>	PO1 PSO1 PSO5	U R	F	Assignment

Course Code-VIGUMUS822
Course name-Compositions of Purandara Dasa, Kanaka Dasa and
Annamacharya
Course type- Practical

Course outcomes:

- CO1 *Perform Devarnamas of Purandara Dasa*
CO2 *Sing a composition of Kanaka Dasa*
CO3 *Render Adhyatmika Sankirtanams of Annamacharya*
CO4 *Render Sringara Sankirtanams of Annamacharya*
CO5 *Understand the meaning of the compositions rendered*

Content:

- Module I : Devarnamas of Purandara Dasa
Module II : Composition of Kanaka Dasa
Module III : Adhyatmika sankirtanams of
Annamacharya
Module IV : Sringara Sankirtanams of
Annamacharya

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Perform Devarnamas of Purandara Dasa</i>	PO1 PSO6	R	P	Semester exam
CO2	<i>Sing a composition of Kanaka Dasa</i>	PO1 PSO6	R	P	Semester exam
CO3	<i>Render Adhyatmika Sankirtanams of Annamacharya</i>	PO1 PSO6	R	P	Semester exam
CO4	<i>Render Sringara Sankirtanams of Annamacharya</i>	PO1 PSO6	R	P	Semester exam
CO5	<i>Understand the meaning of the compositions rendered</i>	PO2 PSO1	U R	F	Assignment

Course Code-VIGUMUS823**Course name -Stotras and Ashtakams of Adi Sankaracharya****Course type- Practical**

- CO1 *Sing Ganesa Pancharatnam and Annapoornashtakam*
CO2 *Present Maneesha Pancharatna and Umamahesvara stotram*
CO3 *Recite Advaita Pancharatna and Gurupaduka Panchakam*
CO4 *Sing Jagannatha Ashtakam and Lakshmi Nrisimha pancharatnam*
CO5 *Render Dakshinamoorthy, Ashtakam and Sivapanchakshara Stotram*

Content:

- Module I : Ganesha pancharatnam, Annapoorna Ashtakam
Module II : Maneesha Pancharatnam, Uma Mahesvara Stotram
Module III : Advaita Pancharatnam, Gurupaduka Panchakam,
Jagannatha Ashtakam
Module IV : Lakshmi Nrisimha Pancharatnam,
Dakshinamoorthy Ashtakam and Sivapanchakshara
Stotram

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Sing Ganesa Pancharatnam and Annapoornashtakam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO2	<i>Present Maneesha Pancharatna and Umamahesvara stotram</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO3	<i>Recite Advaita Pancharatna and Gurupaduka Panchakam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO4	<i>Sing Jagannatha Ashtakam and Lakshmi Nrisimha pancharatnam</i>	PO1 PSO1 PSO6	R	P	Semester exam
CO5	<i>Render Dakshinamoorthy, Ashtakam and Sivapanchakshara Stotram</i>	PO2 PSO6	R	P	Seminar exam

Course code -VIGUMUS824

Course name -General Informatics and Informatics specific to Music

Course type- Theory

- CO1 *Express a general view of information technology*
- CO2 *Understand the knowledge skills for the usage of IT and social information*
- CO3 *Apply information technology in Music*
- CO4 *Compare different recording system*
- CO5 *Create blogs and identify Music websites*

Content:

- Module I : A general overview of information technology
- Module II : Knowledge skills for information technology
- Module III : Social informatics
- Module IV : IT application
- Module V : Informatics regarding technology comparative study of recording technology – Comparative study of recording technologies in old and recent times –Spool recording – Analog recording – Digital recording (Emergence of recording soft wares) Music websites, blog creation

CO	CO Statement	PO/PSO	CL	KC	Assessment
CO1	<i>Express a general view of information technology</i>	PO1 PSO8	U	F	Semester exam
CO2	<i>Understand the knowledge skills for the usage of IT and social information</i>	PO1 PSO8	U	F	-Do-
CO3	<i>Apply information technology in Music</i>	PO1 PSO8	Ap	F P	-Do-
CO4	<i>Compare different recording system</i>	PO1 PSO8	U	F	- Do-
CO5	<i>Create blogs and identify Music websites</i>	PO1 PSO8	C U	F	Assignment

Reference list

Shannon Slaton, Mixing amusical Broadway theatrical sound techniques, Oxfordfocal press, 2011