

**UNIVERSITY OF KERALA**

**COURSE STRUCTURE AND SYLLABI FOR  
BACHELOR OF PERFORMING ARTS DEGREE IN MUSIC  
(MRIDANGAM)  
BPA MUSIC (MRIDANGAM)**

**Career related First Degree Programme**

**UNDER  
FACULTY OF FINE ARTS**

**CHOICE BASED-CREDIT-SEMESTER-SYSTEM  
(CBCS)**

**As per Schedule 2(a) of the CBCS Regulations**

**Outcome Based Teaching, Learning and Evaluation  
(2021 Admissions onwards)**

## **Programme Outcome**

The Scheme and Syllabus covered will lead the learner to the essence of the Subject in graduate level and also help them to acquire knowledge with the up-to-date demands of the field of Music

This Curriculum ensures the continues training in the Practical and Theoretical aspects of Layam. It also aims a strong foundation of Layam to the learners which enable them to apply it the Advanced mode of learning.

After transacting various modules of the programme, the learner will be able to :-

- Identity the outcome oriented approach in the curriculum
- Observe the Theoretical as well as practical areas of Mridangam which were included in the curriculum
- Adapt multi-cultural competence
- Acquire disciplinary knowledge in Mridangam
- Interpret Tala and Laya
- Apply the Theoretical aspects in Practical Music Concerts
- Identify the structure of the rhythmical forms
- Demonstrate talas and rhythmical forms
- Differentiate Talas and apply improvisation of different Gathi bhedas
- Accompany in Music concerts and Dance forms

**General Structure for the Career related Degree Programme of Bachelor of  
Performing Arts in Music – BPA Music (Mridangam)  
BPA Music (Mridangam) -Work and Credit Distribution**

SEMESTER - 1								
Code	Course title	Instructional hours/week		Credit	Uty Exam duration	Evaluation (Marks)		Total Credit
		P	L			Internal	Uty Exam	
EN1111.3	English -1		5	3	3hrs	20	80	
SK1111.3	Additional Language -1 (Sanskrit)		5	3	3hrs	20	80	
MR1121	Foundation Course -1(Core)Theory		5	3	3hrs	20	80	16
MR1171	Vocational Course -1(Practical)	5		3	1 hr/Cand	20	80	
MU1131.6	Complementary Course-1Practical (Music)	5		4	1 hr/Cand	20	80	
SEMESTER - 2								
EN1211.3	English-II(Language)		5	3	3hrs	20	80	
SK1112.3	Additional Language -II (Sanskrit)		5	3	3hrs	20	80	
MR1221	Foundation Course -II (informatics)		3	2	3hrs	20	80	
MR1241	Core course – I(Practical)	3		3	1 hr/Cand	20	80	21
MR1271	Vocational course -II(Practical)	2		3	1 hr/Cand	20	80	
MU1231.6	Complementary Course-IIPractical (Music)	5		4	1 hr/Cand	20	80	
MR1242	Core Course – II(Theory)		2	3	3hrs	20	80	

SEMESTER - 3								
Code	Course title	Instructional hours/week		Credit	Uty Exam duration	Evaluation (Marks)		Total Credit
		P	L			Internal	Uty Exam	
EN1311.3	English – III(Language)		5	3	3hrs	20	80	
MR1341	Core course – III(Practical)	5		3	1 hr/Cand	20	80	
MR1371	Vocational Course -III (Practical)	5		3	1 hr/Cand	20	80	16
MR1372	Vocational Course -1V(Theory)		5	3	3hrs	20	80	
MU1331.6	Complementary Course-III Practical (Music)	5		4	1 hr/Cand	20	80	
SEMESTER - 4								
EN1411.3	English – IV(Language)		5	3	3hrs	20	80	
MR1441	Core course – IV (Practical)	3		3	1 hr/cand	20	80	
MR1442	Core course –V (Practical)	3		3	1 hr/Cand	20	80	
MR1443	Core course – VI (Theory)		2	4	3hrs	20	80	26
MR1471	Vocational Course -V (Practical)	3		3	1 hr/cand	20	80	
MR1472	Vocational Course -VI (Practical)	2		2	1 hr/cand	20	80	
MR1473	Vocational Course -VII (Theory)		2	4	3hrs	20	80	
MU1431	Complementary Course -IV	5		4	1 hr/cand	20	80	

	(Practical) Music							
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<b>SEMESTER - 5</b>								
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Code	Course title	Instructional hours/week		Credit	Uty Exam duration	Evaluation		Total Credit
		P	L			Internal	Uty Exam	
MR1541	Core course –VII (Practical)	5		3	1 hr/Cand	20	80	
MR1542	Core course – VIII (Practical)	4		4	1 hr/Cand	20	80	
MR1543	Core course –IX (Practical)	4		4	1 hr/Cand	20	80	
MR1571	Vocational Course -VII I (Theory)		5	3	3hrs	20	80	20
MR1572	Vocational Course –IX (Practical)	4		4	1 hr/Cand	20	80	
MR1551	Open Course-1(Practical)	3		2	1 hr/cand	20	80	

<b>SEMESTER - 6</b>								
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MR1641	Core course –X (Practical)	3		3	1hr hr/cand	20	80	
MR1642	Core course –XI (Practical)	3		3	1 hr/cand	20	80	
MR1643	Core course –XII (Theory)		2	3	3hrs	20	80	
MR1644	Core course – XIII (Concert)		2	3	1 hr/cand	20	80	25
MR1661	Elective (Practical)	3		2	1 hr/cand	20	80	
MR1671	Vocational Course -X (Theory)		4	4	3hrs	20	80	
MR1672	Vocational	4		3	1	20	80	

	Course –X (Practical)				hr/Cand			
MR1673	Record	4		4			100	

**BACHELOR OF PERFORMING ARTS DEGREE IN MUSIC  
(MRIDANGAM)  
SCHEME**

As per Schedule 2(a) of the CBCS Regulations Minimum Credits are as follows: Core+ Vocational = 72; English + Additional Language – 18; Complimentary – 16; Foundation – 5; Open/Elective – 4 Credits; Record/Project – 4; Extension Activity -1

**SYLLABUS**

**SEMESTER – 1**

**MR 1121**

**Foundation Course – I (Core)**

**Rhythmology – I Basic Principles of Tala**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Theory**

**Course Outcome**

- Recognize the fundamental lessons of Tala
- Identify the terminology and concept of Tala

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Identify the technical terms belongs to Tala
- Familiarize the tala system of South Indian Music

- Identify the Saptha talas and their angas
- Recognize application of 35 talas
- Record notation of basic lessons of tala

**Module -1** Study on the Technical Terms & their meaning  
(Thathakkaram, Jaathi, Aksharakalam, Gathi, Matra, Thaniavarthanam, Muthayippu, Korva, Purattuchollu, Mohra, Nada, Thalavattom)

**Module -2** Origin of Tala, Study on Tala systems of South Indian music

**Module -3** Sapta Talas, different Angas (Laghu, Drutam & Anudrutam)

**Module -4** Scheme of 35 Talas

**Module -5** Notation of basic lessons (1 to 17)

### **MR 1171** **Vocational Course – I** **Fundamental lessons**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Practical**

#### **Course Outcome**

- Identify Preliminary Exercises of Tala
- Execute Fundamental on Mridangam

#### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Identify the Fundamental lessons of Mridangam
- Recognize the Sitting posture and placement of fingers
- Vocalize the fundamental lessons and Thathakkara of 35 talas in Three degrees of speed
- Vocalize Panchajaathi Tha thi ki ta thom

**Module -1** Sitting Posture, Positioning & Placement of Fingers

**Module -2** Study of fundamental lessons (17 numbers) in three degree

speed

**Module -3** Laya exercise and Vocalization of all fundamental lessons and 35 talas Thathakkaarm in Trikala (Ascending and Descending order )

**Module -4** Vocalization of Panchajaathi Tha thi ki ta thom, Madhyamakala  
in Adi Tala

**MU:1131.6**  
**Complementary Course – I**  
**Music**

Credits: 4

No of contact hours per week: 5

Mode of ESE: **Practical**

**Course outcome**

- Present fundamental lessons in music

**Learning outcome**

After transacting the modules the learner will be able to-

- Identify the Sapta svaras of Indian music
- Render preliminary lessons in music
- Identify the principal Sapta talas used in Carnatic music
- Sing Alankaras in three degrees of speed

**Module 1** VarisasSaptasvaras, Sarali varisas, Svarapallavi,  
Tara Sthayi Varisas and Janta Varisas

**Module 2** Sapta Tala Alankaras

**SEMESTER – 2**

**MR:1221**

**Found: Course – II**

**Informatics**

Credits: 2

No of contact hours per week: 3

Mode of ESE: **Theory**

**Course outcome**

- Identify the basics of computer
- Execute the applications of the computer

**Learning outcome**

After transacting the modules the learner will be able to-

- Identify the terminology and concept of computer
- Identify the applications of computer
- Execute social networking and blogging
- Apply healthy use of IT devices

**Module 1** Introduction to Informatics: Functional knowledge of modern personal computers

**Module 2** Basic terminologies and concepts

**Module 3** Application of Computers, Internet, E- mail & World Wide Web

**Module 4** Blogging, Social Networking,

**Module 5** Healthy use of IT devices.

## **MR 1241**

### **Core Course – I**

#### **Fundamental Laya Exercises**

Credits: 4

No of contact hours per week: 5

Mode of ESE: **Practical**

#### **Course Outcome**

- Play different Chollus in same numbers
- Realize Panchajaathi That hi ki ta thom in Adi Tala

#### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Demonstrate chollus having values 3 to 10

- Play Padakkaikal on Mridangam
- Identify Laya exercise on Mridangam
- Play Panchajaathi Tha thi ki ta thom in Adi tala on Mridangam

**Module -1** Study on Different Chollus having values 3 to 10 (4 Numbers)

**Module -2** 6 Nos. of Valia Padakkaikal (18 to23)

**Module -3** Laya exercise and Vocalization of all fundamental lessons in Ascending and Descending order

**Module -4** In Madhyamakala, Panchajaathi Tha thi ki ta thom, Playing in Mridangam in Adi Tala

### **MR 1271**

#### **Vocational Course – II**

#### **Basic Principles of Thani Avarthanam -1**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

#### **Course Outcome**

- Achieve to play Thani Avarthanam in Adi Tala
- Realize Panchajaathi That hi ki ta thom in Rupaka Tala

#### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Identify the Construction of Tani Avarthanam
- Apply different chollus in Model Thani Avarthanam
- Practice Model Thani Avarthanam in Adi Tala One Kala Chowkkam
- Play Panchajaathi That hi ki ta thom in Rupaka Talam

**Module -1** Revision Exercise and Construction of Tani Avartanam

- Module -2** Practical Exercise of different chollus in Model Thani Avarthanam
- Module -3** Practical study of model Tani Avarthanam -1, in Adi Tala One kala Chowkam
- Module -4** Pancha jaati thathikitathom - Madhyamakala in Rupaka Tala

**MU:1231.6**  
**Complementary Course – II**  
**Music**

Credits: 4

No of contact hours per week: 5

Mode of ESE: **Practical**

**Course outcome**

- Present simple musical forms

**Learning outcome**

After transacting the modules the learner will be able to-

- Present simple musical forms
- Differentiate Jatisvaram and Svarajati
- Summarise the lakshanas of the musical forms
- Explain the lakshanas of the ragas in which the compositions are set to

**Module 1** Geetam - Malahari, Mohanam.

**Module 2** Jatisvaram - Bilahari

**Module 3** Svarajati - Kamas

**MR :1242**  
**Core Course – II**  
**Environmental Studies**

Credits: 3

No of contact hours per week: 2

Mode of ESE: **Theory**

**Course outcome**

- Identify the Natural Resources & Associated Problems
- Recognize Eco system and Pollution
- Analyze music practice and environment

**Learning outcome**

After transacting the modules the learner will be able to-

- Identify the Natural resources
- Recognize the concept and structure of Eco system
- Explain Ecological succession and Food chains
- Identify Biodiversity and its conservation
- Explain Environmental pollution
- Analyze Social issues & Environment
- Experience Music practice and Environment

**Module 1** Multidisciplinary nature and Natural Resources & Associated Problems (Forest, Water, Mineral, Food, Energy & Land resources)

**Module 2** Eco systems (Concept, Structure, Producers, Energy flow, Ecological succession, Food Chains, Forest eco system, Grass land eco system, Desert eco system)

**Module 3** Biodiversity and its conservation – Genetic, species & eco system diversity – Bio diversity at global, National & local level

**Module 4** Environmental pollution (Air pollution, Water pollution, Soil Pollution, Noise pollution, Thermal pollution, Nuclear Hazards) – Disaster and Solid waste management

**Module 5** Social issues & Environment (Water conservation, Climatic change, Global warming, Wasteland reclamation)

Human Population and Environment (human rights, Value education, HIV/AIDS, Women & Child welfare)

**Module 6** Music practice and Environment-  
Geographical factors in music, Manufacture of musical instruments

### **SEMESTER – 3**

**MR 1341**

**Core Course – III**

**Basic Principles of Thani Avarthanam -2**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Practical**

#### **Course Outcome**

- Perform Thani Avarthanam in Adi and Rupaka Tala
- Identify model Tani Avarthanams

#### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Vocalize Thathakkaras in different Chapu talas
- Play Patakkalkal in Rupaka Tala

- Play Patakkalkal in Misrachappu tala
- Construct Model Thani Avarthanam in Rupaka tala
- Construct Model Thani Avarthanam in Misra chappu tala

**Module -1** Thathakkara in Trikalas in Chappu talas  
(Tisram, Misram, Khandam, Sankeernam)

**Module -2** Three numbers of Patakkalkal in Roopaka tala

**Module -3** Three numbers of Patakkalkal in Misra chappu

**Module -4** Model Tani Avartanam -2,in Roopaka tala

**Module -5** Model tani Avartanam -3,in Misra Chappu tala

## MR 1371

### Vocational Course – III

#### Basic Principles of Thani Avarthanam -3

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Practical**

#### Course Outcome

- Play Thani Avarthanam in Khandachappu Tala
- Realize Panchajaathi That hi ki ta thom in Different Talas
- Construct Muthayippus

#### Learning Outcome

After transacting the modules the learner will be able to:-

- Play Three numbers of Patakkai in Khandachappu Tala
- Construct Model Thani Avarthanam in Khandachappu Tala
- Apply Panchajaathi That thi ki ta thom in different Talas
- Construct different Muthayippu

**Module -1** Three numbers of Patakkai in khanda chappu

**Module -2** Model Tani Avartanam -4, in Khanda Chappu tala

**Module -3** Pancha jati Thathikithom Trikalam in different talas

**Module -4** Formation of Muthayippu (5 to 24 Matras)

**MR 1372**

**Vocational Course – IV**

**Rhythmology – II**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Theory**

### **Course Outcome**

- About different categories of musical instruments in different fields
- Learn about Marga Tala and Desika Tala

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Identify Origin and Development of Mridangam
- Classify Musical Instruments
- Familiarize Upa Pakkavadyas used in Carnatic Concerts
- Notate Valiya Patakkai
- Identify Marga Talas and Desika Talas

**Module -1** Origin and development of Mridangam

**Module -2** Classification of Musical Instruments,  
(Wind, String, Percussion and Ghana)

**Module -3** Upa Pakkavadyas used in Carnatic concerts  
Ganjira, Ghatam & Mukhar Sankh

**Module -4** Notation of Valiya Padakkai (18 to 23)

**Module -5** Marga Talas and Desika Tala

**MU:1331.6**

**Complementary Course – III**

**MUSIC**

Credits: 4

No of contact hours per week: 5

Mode of ESE: **Practical**

**Course outcome**

➤ Render musical form Varna in two degrees of speed

**Learning outcome**

After transacting the modules the learner will be able to-

- Present Adi tala varnas in two degrees of speed
- Render Ata tala varnas in two degrees of speed
- Explain the structure of varnas
- Differentiate Adi & Ata tala varnas

**Module 1** Varnam – Mohanam and Abhogi

**Module 2** Ata tala Varnam - Kamboji

**SEMESTER – 4**

**MR 1441**

**Core Course – IV**

**Elaborate Thani Avarthana – 1**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

**Course Outcome**

- Play Elaborate Thani Avarthanam in Adi Tala and Rupaka Tala
- Apply different Gathi Bhedas in this Talas

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Thani Avarthanam in Chathurasra jaathi Triputa Tala 2 Kala Samam
- Construct Thani Avarthanam in Rupaka Tala Samam

**Module -1** Chaturasara Jati Triputa 2 kala Samam  
(Incorporating Tisra, Khanda, Misra Gathi)

**Module -2** Rupaka Tala Samam

**MR 1442**

**Core Course – V**

**Elaborate Thani Avarthana – 2**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

**Course Outcome**

- Play Elaborate Thani Avarthanam in Misra chappu and Khanda chappu Talas
- Learn more details of Chappu Talas

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Misrachappu Tala Thani Avarthanam- Samam
- Construct Khandachappu Tala Thani Avarthanam- Samam

**Module -1** Misrachappu Tala Samam  
(Incorporating Tisra Gathi)

**Module -2** Khanda chappu Tala Samam  
(Incorporating Tisra Gathi)

**MR 1443**  
**Core Course – VI**  
**Rhythmology –III**

Credits: 4

No of contact hours per week: 2

Mode of ESE: **Theory**

### **Course Outcome**

- Identify the reckoning method of Dasadi Madhyadi Talas
- Learn in detail study on Dasa Pranas
- Acquire the aspects of Pancha Talas

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Classify Desadi and Madhyadi Talas
- Categorize Shadanga and Shodasanga
- Record Notation for Muthayippu, Korva and Mohra
- Summerise Laya Aspects in Southern Dance forms

- Classify Tala Dasapranas
- Identify Pancha Talas
  - Module -1** Desadi and Madyadi talas
  - Module -2** Study on Shadangam & Shodasangam
  - Module -3** Notations of Muthayippu , Korva and Mohra learned in Model Tani Avarthanams
  - Module -4** Study on the laya aspects in the dance forms of South Indian traditions
  - Module -5** Taladasa pranas
  - Module -6** Study on Pancha Talas

**MR 1471**

**Vocational Course – V**

**Intricate Thani Avarthana – 1**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

### **Course Outcome**

- Play Intricate Thani Avarthanam in Adi tala
- Panchajaathi That hi ki ta thom in different Karvas

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Adi Tala one Kala after 6 Matra Thani Avarthanam
- Apply different Karvas in Panchajaathi That hi ki ta thom

Module -1 Adi Tala one kala after 6 Matra Tani Avarthanam  
 Module -2 Panchajaathi Tha thi ki ta thom with different Karvas in Various Talas

**MR 1472**  
**Vocational Course – VI**  
**Mridangam Lab**

Credits: 2

No of contact hours per week: 2

Mode of ESE: **Practical**

**Course Outcome**

- Acquire knowledge of turning and making of Mridanagam

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Tune Mridangam properly
- Identify the Meettu chapu
- Identify the materials used to make Mridangam

**Module -1** Ability to tune the Mridangam with reference to Adhara Sruti, sounded on Pitch pipe, Tambura, and Harmonium

**Module -2** Meettu Chapu adjustment

**Module -3** Various types of Wood/Skin and study on the tools used in Manufacturing of Mridanga, Valantala, Etantala, Moottu

**Module -4** Manufacturing system and fixing of Choru (Black paste)

**MR 1473**  
**Vocational Course – VII**  
**Rhythmology – IV**

Credits: 4

No of contact hours per week: 2

Mode of ESE: **Theory**

## **Course Outcome**

- Get informations to different Avandha Vadyas,
- Identify Kerala Talas
- Notate Korvas

## **Learning Outcome**

After transacting the modules the learner will be able to:-

- Classify Avandha Vadyas in South India
- Knowledge of Mridangam Exponents
- Prominence of Tala in South Indian Music
- Identify Kerala Talas
- Create and Notate Intricate Korvas

**Module -1** Study on the following Avandha Vadya in South India  
(Mridangam, Taval, Chenda, Maddalam, Timila, Edakka)

**Module -2** Life history of Mridangam exponents  
Narayana swami Appa and Mammundia Pillai

**Module -3** Tala and its place in South Indian Music

**Module -4** Study on the following kerala Talas  
(Chempata, Panchari, Triputa, Champa, Atanta, Muriatanta & Eka)

**Module -5** Formation and Notation of Kovas in Intricate Tani Avarthanam

**MU:1431.6**

**Complementary Course – IV**

**MUSIC**

Credits: 4

No of contact hours per week: 5

Mode of ESE: **Practical**

**Course outcome**

- Present minor and major compositions

### **Learning outcome**

After transacting the modules the learner will be able to-

- Present kritis of minor type
- Render kriti of major type
- Explain the lakshanas of the ragas in which the kritis are composed
- Identify the structure of the kriti compositions

**Module 1** Minor kirtanas (2) - Chakravakam and Arabhi

**Module 2** Major Kriti (1) – Mayamalavagaula

## **SEMESTER – 5**

**MR 1541**

**Core Course – VII**

**Arithmetic and Rhythmical Combination – 1**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Practical**

### **Course Outcome**

- Ability to Compose different Rhythmical Compositions

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Muthayippu, Korvas and Mohras
- Construct Sampradaya Kurappus

- Vocalize and Play Korvas with Support of Electronic Tala Instrument

**Module -1** Ability to compose Muthayippu, Korvas and Mohras

**Module -2** Study on the formation of Kurappu in various Talas  
(Misra kurappu, Khanda kurappu, Sankeerna kurappu, Tisra korapu  
and Chathurasra kurappu)

**Module -3** Vocalization and Playing of Korvas different Speeds to Talas  
with the support of electronic Talo- Metre

**MR 1542**

**Core Course – VIII**

**Intricate Thani Avarthana – 2**

Credits: 4

No of contact hours per week: 4

Mode of ESE: **Practical**

**Course Outcome**

- Play Intricate Thani Avarthanam in Rupaka Tala and Misrachappu Tala

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Tani Avarthanam in Rupaka Tala after 2 Matra
- Construct Tani Avarthanam in Misrachappu Tala after 2 Matra

**Module -1** Rupaka tala after 2 Matra Tani Avarthanam

**Module -2** Misrachappu after 2 Matra Tani Avarthanam

**MR 1543**

**Core Course – IX**

**Intricate Thani Avarthanam – 3**

Credits: 4

No of contact hours per week: 4

Mode of ESE: **Practical**

**Course Outcome**

➤ Perform Intricate Thani Avarthanam in Different Talas in Anaagatha graha

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Adi Tala 2 kala Tani Avartanam after 4 matra
- Construct Khandachappu Tala Tani Avartanam after 2 matra
- Construct Adi tala One kala Tani Avartanam after 2 matra

**Module -1**      Adi tala 2 kala after 4 matra Tani Avartanam

**Module -2**      Khandachappu Tala after 2 matra Tani Avarthanam

**Module -3**      Adi Tala Tani Avartanam one kala after 2 matra

**MR 1571**

**Vocational Course – VIII**

**Rhythmology – V**

Credits: 3

No of contact hours per week: 5

Mode of ESE: **Theory**

## **Course Outcome**

- Identify 108 Talas,
- Notate Korvas in different Gathis

## **Learning Outcome**

After transacting the modules the learner will be able to:-

- Identify first 10 Talas from 108 Talas
- Notate Korvas in different Gathis
- Explain the contributions of Mridangam Exponents

**Module -1** Study on First 10 Talas in 108 Talas

**Module -2** Ability to Notate Korvas in different Gathies in any Talas

**Module -3** Life Sketch and contributions of Mridangam exponents

- a. Padmasri Mavelikkara Krishnan Kutty Nair
- b. Pazhani Krishna Iyer
- c. Tukkaram,
- d. Das Swamigal
- e. Puthukkode Dakshina Murthy Pillai
- f. Mavelikkara .K.Velukutty Nair

**MR 1572**

**Vocational Course – IX**

**Arithmetic and Rhythmical Combination – 2**

Credits: 4

No of contact hours per week: 4

Mode of ESE: **Practical**

### **Course Outcome**

- Compose Yathi pattern Korvas
- Vocalize Korvas in Various Talas

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Kovas in different Yathi Patterns
- Vocalize Korvas with 5 Speed in Various Talas

**Module -1** Ability to Compose Korvas in Yathi Patterns

**Module -2** Vocalization of Korvas 5 Speed in various talas

**MR 1551**

**Open Course**

**Fundamental Lessons of Mridangam**

Credits: 2

No of contact hours per week: 3

Mode of ESE: **Practical**

### **Course Outcome**

- Better knowledge of Laya to Perform in Music Concerts

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Explain Talas and Thathakkaras
- Vocalize Panchajaathi Tha thi ki ta thom in Various Talas
- Construct Muthayippu and Korvas
- Identify Chappu Talas and varieties
- Identify the structure of different chappu tala

**Module –1** Study on Sapta talas and Thathakkaram of 35 Talas

**Module –2** Vocalization of Pancha jaati Ta ti ki ta thom in various talas

**Module –3** Study on short Muthayippu and Korvas

**Module –4** Varieties of Chappu Talas

## **SEMESTER – 6**

**MR 1641**

**Core Course - X**

**Intricate Tani Avartana -4**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

### **Course Outcome**

- Play Intricate and elaborate Thani Avartanam

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Misrachappu Tala Tani Avartanam after 4 matra
- Construct Khandajaathi TriputaTala 2 Kala Tani Avartanam Samam

**Module -1** Taniavartanam in Misrachappu tala after 4 matra

**Module -2** Khanjaathi Triputa tala 2 kala Samam

**MR 1642**

**Core Course - XI**

**Arithmetic and Rhythmical Combination – 3**

Credits: 3

No of contact hours per week: 3

Mode of ESE: **Practical**

**Course Outcome**

➤ Ability to Compose a Rhythmical Composition

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Play Mridangam with different Music Instruments

Module -1 Tala Vadya ensemble

**MR :1643**

**Core Course – XII**

**Music, Science and Technology**

Credits: 3

No of contact hours per week: 2

Mode of ESE: **Theory**

**Course outcome**

➤ Identify the production and transmission of sound

- Explain the concept of digital music

### **Learning outcome**

After transacting the modules the learner will be able to-

- Identify the production and transmission of sound
- Illustrate the laws of vibration of strings and Harmonic motion
- Explain the concept of Digital music
- Analyse the physiology of music
- Identify the duties of Larynx and Ear
- Acquire basic knowledge of sound recording

**Module 1** Physics of Music – production and transmission of sound – sound as waves, pitch, intensity, timbre, resonance, laws of vibration of strings, harmonic motion.

**Module 2** Digital Music: Concept of digital storage of Music – MP3, WAV file formats, effect of compression, MIDI instruments.

**Module 3** Basic principles of Acoustics & Physiology of music-Larynx and Ear

**Module 4** Introduction to sound recording and editing using free software such as Audacity, Cool Edit, Audition etc.

**MR 1644**

**Core Course - XIII**

**Concert Accompaniment**

Credits: 3

No of contact hours per week: 2

Mode of ESE: **Practical**

### **Course Outcome**

- Accompany Mridangam in Music Concerts
- Play jugalbhandi

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Play Mridangam in Music Concerts
- Play jugalbhandi

**Module -1** Ability to accompany for a Music Concert

(Adi tala Varnam, Simple krithi, Druthakala Krithi, Main Krithi, Thillana and Mangalam )

### **MR 1661**

### **Elective**

### **Mathematical aspects**

Credits: 2

No of contact hours per week: 3

Mode of ESE: **Practical**

### **Course Outcome**

- Able to apply Mathematical calculations in different Musical Forms

### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Apply mathematical aspects in Carnatic Music
- Construct Simple Pallavis

**Module -1** Mathematical Aspects in Carnatic Music

**Module -2** 2 Simple Pallavis with Trikala

**MR 1671**  
**Vocational Course – X**  
**Rhythmology – VI**

Credits: 4

No of contact hours per week: 4

Mode of ESE: **Theory**

**Course Outcome**

- Notate different Rhythmical forms and Information on Contributions of Exponents

**Learning Outcome**

After transacting the modules the learner will be able to:-

- Notate Kurappu and Purattuchollu
- Notate Korvas and Mohras
- Notate Simple Pallavis
- Identify the contributions of Mridangam Exponents

**Module -1** Notation of Kurappu and Purattuchollu from Intricate Tani Avartanams in different talas

**Module -2** Notation of Korvas and Mohras learned in intricate Tani Avartanams

**Module -3** Notation of Simple Pallavis in Adi Tala

**Module -4** Contributions of following Mridangam exponents

- a) Tanjavur Vaidyanatha Iyer
- b) Pazhani Subramania Pillai

- c) Palakkad T.S. Mani Iyer
- d) Palakkad R. Raghu

## **MR 1672**

### **Vocational Course – XI**

#### **Intricate Thni Avarthanam – 5**

Credits: 3

No of contact hours per week: 4

Mode of ESE: **Practical**

#### **Course Outcome**

- Play rare and intricate Talas in Carnatic Music System

#### **Learning Outcome**

After transacting the modules the learner will be able to:-

- Construct Thani Avarthanam in Chaturasrajati Triputa Tala - Anaagatha
- Construct Thani Avarthanam in Sankeerna chappu Tala

**Module -1** Tani avartanam in Chaturasrajati triputa Two kala after 2 matra

**Module -2** Tani Avartanam in Sankeerna chappu Tala

## **MR 1673**

### **Record**

Credits: 4

No of contact hours per week: 4

Mode of ESE: **Record Book**

## **Course Outcome**

- Notate rhythmical compositions

## **Learning Outcome**

After transacting the modules the learner will be able to:-

- Notate rhythmical compositions

**Module -1** Students are required to Notate the Practical lessons, they learnt, in the Record book

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15. Erikavu,N,Sunil – Resounding Mridangam

16. Dr. Sunil V.T – Sangita Nighantu

17. R. Krishna Murthy -Layavinyasam Vol-1 and 2