

**Syllabus on Vocational Education and Training Course (VTC)**

<b>Paper Title</b>	<b>: Piano -I</b>							
<b>CODE</b>	<b>: VTC: 245.2</b>							
<b>Number of Credits</b>	<b>: 4</b>							
<b>Semester</b>	<b>: III</b>							
<b>No. of Theory Hours Per Week</b>	<b>: One (1 hour)</b>							
<b>No. of Practical Hours per Week</b>	<b>: Three (3 Hours)</b>							
<b>Outline of the Paper:</b>								
<b>Type of Course</b>	<b>Units in the VTC</b>	<b>Hours</b>	<b>Credits</b>	<b>Total Marks</b>	<b>Distribution of Marks (as per OC-8)</b>			
<b>Piano-I</b>					<b>In-Semester</b>		<b>End-Semester</b>	
					<b>Theory</b>	<b>Practical</b>	<b>Theory</b>	<b>Practical</b>
	<b>Unit-I Theory (25 Marks)</b>	<b>15</b>			<b>25</b>			
	<b>Unit-II to IV Theory (75 Marks)</b>	<b>90</b>	<b>4</b>	<b>100</b>		<b>15</b>		<b>60</b>
<b>Marks Distribution</b>	<b>: Internal Assessment: 40</b> <b>: External Assessment: 60</b>							
<b>Questions to be Set</b>	<b>: Sixteen (Any one question shall be chosen according to the VTC Students have opted)</b>							
<b>Duration of End Semester Examination</b>	<b>: Three Hours</b>							
<b>Course Objectives</b>	1. This course is designed to help students understand, handle and learn to play the instrument.							
<b>Course Learning Outcome</b>	At the end of the course students will be able to handle and control the instrument for its effective use with necessary knowledge, skills and understanding developing their proficiency and creativity.							
<b>Unit I: (Theory)</b> <b>15 Hours</b>	<b>Introduction to Pitch</b> <ul style="list-style-type: none"> <li>• Pitch names and Notation</li> <li>• The major scale</li> <li>• Key Signatures</li> <li>• Accidentals</li> </ul>							
<b>UNIT-II: (Practical)</b> <b>30 Hours</b>	<b>Basics of Rhythm and Tempo</b> <ul style="list-style-type: none"> <li>• Time values</li> <li>• Time signatures</li> <li>• Tempo</li> <li>• Rhythm</li> <li>• Rests</li> <li>• The basis of Simple and Compound Time Notation</li> </ul>							
<b>UNIT-III: (Practical)</b> <b>30 Hours</b>	<b>Scales, Keys and Clefs</b> <ul style="list-style-type: none"> <li>• Major scales and the Circle of Fifths</li> <li>• Minor scales and keys</li> </ul>							

	<ul style="list-style-type: none"> <li>• Relative Major/minor Keys</li> </ul>
<b>UNIT-IV: (Practical)</b> <b>30 Hours</b>	<b>Triads and Chords</b> <ul style="list-style-type: none"> <li>• Triads</li> <li>• Chords</li> <li>• Learning the Primary chords in the key of A, B, C, D, E, F, G both in major and minor.</li> <li>• Common chord progressions in pop, rock and blues</li> <li>• Ear training: Chord recognition</li> </ul>
<b>Suggested Readings</b>	<ol style="list-style-type: none"> <li>1. Eric Taylor, Introduction to Pitch: The AB Guide to Music Theory I</li> <li>2. Raymond Elliot, Basics of Rhythm and Tempo: Fundamentals of Music</li> <li>3. Terry B. E. Well, Scales, keys and clefs: Music Fundamentals</li> <li>4. Williard A. Palmer, Chords and Cadences: The complete book of Scales, Chords, Arpeggios and Cadences.</li> <li>5. William Duckworth, Ear Training: A Creative approach to fundamental music</li> </ol>
<b>Requirements</b>	<b>Classroom Space</b>  <b>Individual Practice Rooms</b> <ul style="list-style-type: none"> <li>• Soundproof rooms for individual and small group practice.</li> <li>• Each room should be equipped with basic instruments like keyboards, guitars, etc.</li> </ul> <b>Pianos/Keyboards</b>  At least one piano or high-quality electronic keyboard  <b>Audio Systems</b> <ul style="list-style-type: none"> <li>• High-quality speakers and audio playback systems for playing music samples and accompaniments.</li> </ul> <b>Projector and Screen</b> <ul style="list-style-type: none"> <li>• For displaying music notation, instructional videos, and interactive learning sessions.</li> </ul> <b>Computers and Software</b> <ul style="list-style-type: none"> <li>• Computers with music notation software (like Sibelius or Finale), DAWs (Digital Audio</li> </ul>

	<p>Workstations) like Logic Pro, Ableton Live, etc.</p> <p><b>Headphones</b></p> <ul style="list-style-type: none"> <li>• Good quality headphones for individual practice and ear training sessions.</li> </ul> <p><b>Learning Materials and Resources</b></p> <p><b>Sheet Music</b></p> <ul style="list-style-type: none"> <li>• Extensive library of sheet music covering various genres and difficulty levels.</li> </ul> <p><b>Music Theory Books</b></p> <ul style="list-style-type: none"> <li>• Books and reference materials covering all aspects of music theory as per the syllabus.</li> </ul> <p><b>Online Resources</b></p> <ul style="list-style-type: none"> <li>• Subscriptions to online music learning platforms and resource in each classroom and practice room.</li> </ul> <p><b>Any other item as required</b></p>
<p><b>Qualified instructors</b></p>	<ul style="list-style-type: none"> <li>• Qualified instructors with expertise in Piano and related fields.</li> <li>• Support staff for maintaining equipment and facilities</li> </ul>

<b>Paper Title</b>	<b>: Piono -II</b>							
<b>CODE</b>	<b>: VTC: 265.2</b>							
<b>Number of Credits</b>	<b>: 4</b>							
<b>Semester</b>	<b>: IV</b>							
<b>No. of Theory Hours Per Week</b>	<b>: One (1 hour)</b>							
<b>No. of Practical Hours per Week</b>	<b>: Three (3 Hours)</b>							
<b>Outline of the Paper:</b>								
<b>Type of Course</b>	<b>Units in the VTC</b>	<b>Hours</b>	<b>Credits</b>	<b>Total Marks</b>	<b>Distribution of Marks (as per OC-8)</b>			
<b>Piono II</b>	<b>Unit-I Theory (25 Marks)</b>	<b>15</b>	<b>4</b>	<b>100</b>	<b>In-Semester</b>		<b>End-Semester</b>	
					<b>Theory</b>	<b>Practical</b>	<b>Theory</b>	<b>Practical</b>
	<b>Unit-II to IV Theory (75 Marks)</b>	<b>90</b>					<b>15</b>	
<b>Marks Distribution</b>	<b>: Internal Assessment: 40 : External Assessment: 60</b>							
<b>Course Objectives</b>	<p>1. The course would facilitate a thorough understanding of fundamental musical elements including notes, scales, pitch, rhythm, and time signatures. It would also enable the students to analyze music notation, identify key tones and octaves.</p>							
<b>Course Learning Outcome</b>	<p>At the end of the course students are able to:</p> <ol style="list-style-type: none"> <li>display skills to use notes, scales, pitch, rhythm, and key signatures.</li> <li>apply this knowledge to analyze and interpret musical scores accurately.</li> </ol>							
<b>Unit I: (Theory) 15 Hours</b>	<b>Continuing with Chords and Cadences</b> <ul style="list-style-type: none"> <li>Suspensions, Diminished and Augmented</li> <li>Inversions of major and minor chords</li> <li>Arpeggios</li> </ul>							
<b>UNIT-II: (Practical) 30 Hours</b>	<b>Tempo, Dynamics and Mood</b> <ul style="list-style-type: none"> <li>Tempo</li> <li>Dynamics</li> <li>Mood</li> </ul>							
<b>UNIT-III: (Practical) 30 Hours</b>	<b>Articulation</b> <ul style="list-style-type: none"> <li>The Slur,</li> <li>Staccato Signs</li> <li>Phrasing marks</li> </ul>							
<b>UNIT-IV: (Practical)</b>	<b>Song Composition</b>							

<b>30 Hours</b>	<ul style="list-style-type: none"> <li>• Applying inversions over a chord progression</li> <li>• Playing arpeggios over a chord progression</li> </ul>
<b>Suggested Readings</b>	<ol style="list-style-type: none"> <li>1. Eric Taylor, Apply inversions over a chord Progression: The AB Guide to Music Theory II</li> <li>2. Eric Taylor, Tempo, Dynamics, Mood: The AB Guide to Music Theory I</li> <li>3. Hilda Ryan, Articulation: Classical Collection of Piano</li> <li>4. Song Composition</li> <li>5. Williard A. Palmer, Chords and Cadences: The complete book of Scales, Chords, Arpeggios and Cadences.</li> </ol>
<b>Requirements</b>	<ol style="list-style-type: none"> <li>1. Classroom Space</li> <li>2. Individual Practice Rooms</li> <li>3. Pianos/Keyboards</li> <li>4. Audio Systems</li> <li>5. Projector and Screen</li> <li>6. Computers and Software</li> <li>7. Headphones</li> </ol> <p><b>Learning Materials and Resources</b></p> <ol style="list-style-type: none"> <li>1. Sheet Music</li> <li>2. Music Theory Books</li> <li>3. Online Resources</li> <li>4. Recording Studio</li> <li>5. Production Equipment</li> </ol> <p><b>Any other item as required</b></p>
<b>Qualified instructors</b>	<ul style="list-style-type: none"> <li>• Qualified instructors with expertise in Piano and related fields.</li> <li>• Support staff for maintaining equipment and facilities</li> </ul>

<b>Paper Title</b>	: Piano -III							
<b>CODE</b>	: VTC: 365.2							
<b>Number of Credits</b>	: 4							
<b>Semester</b>	:VI							
<b>No. of Theory Hours Per Week</b>	: One (1 hour)							
<b>No. of Practical Hours per Week</b>	: Three (3 Hours)							
<b>Outline of the Paper:</b>								
<b>Type of Course</b>	<b>Units in the VTC</b>	<b>Hours</b>	<b>Credits</b>	<b>Total Marks</b>	<b>Distribution of Marks (as per OC-8)</b>			
<b>Piano III</b>					<b>In-Semester</b>		<b>End-Semester</b>	
					<b>Theory</b>	<b>Practical</b>	<b>Theory</b>	<b>Practical</b>
	<b>Unit-I Theory (25 Marks)</b>	<b>15</b>	<b>4</b>	<b>100</b>	<b>25</b>			
<b>Unit-II to IV Theory (75 Marks)</b>	<b>90</b>				<b>15</b>		<b>60</b>	
<b>Marks Distribution</b>	: <b>Internal Assessment: 40</b> : <b>External Assessment: 60</b>							
<b>Course Objectives</b>	The course is designed to provide an understanding of advanced musical elements, to Analyze music notation, identify key tones, octaves, and degrees within scales.							
<b>Course Learning Outcome</b>	At the end of the course students are able to demonstrate a deep understanding of music theory and practical and will be proficient in playing this musical instrument							
<b>Unit I: (Theory) 15 Hours</b>	<b>Seventh Chords</b> <ul style="list-style-type: none"> <li>• Major 7th Chords</li> <li>• Minor 7th Chords</li> <li>• Dominant 7th Chords</li> <li>• Diminished Chords</li> </ul>							
<b>UNIT-II: (Practical) 30 Hours</b>	<b>Inversions of the Seventh Chords</b> <ul style="list-style-type: none"> <li>• Inversions of Major, Minor, Dominant and Diminished 7th Chords</li> <li>• Arpeggios over the Seventh Chords</li> </ul>							
<b>UNIT-III: (Practical) 30 Hours</b>	<b>Aspects of Melody</b> <ul style="list-style-type: none"> <li>• Some definitions</li> <li>• Note Relationships</li> <li>• Melodic sequences</li> <li>• Design in melodies</li> </ul>							
<b>UNIT-IV:</b>	<b>Modes of the Major Scale</b>							

<b>(Practical) 30 Hours</b>	<ul style="list-style-type: none"> <li>• Ionian, Dorian, Phrygian, Lyndian, Mixolydian, Aeolian and Locrian</li> <li>• Modal playing, Scales over the V chord, Superimposition of Scales</li> </ul>
<b>Suggested Readings</b>	<ol style="list-style-type: none"> <li>1. Eric Taylor, Inversion of Seventh: The AB Guide to Music Theory II</li> <li>2. Jason Martineau, Aspects of Melody: Elements of Music</li> <li>3. Kevin G Pace, Modalplaying, Scales Over the V Chord, Superimposition of Scales: The comprehensive book of Modes and Scales</li> <li>4. Kevin G Pace, Modes of the Major Scale: The comprehensive book of Modes and Scales</li> <li>5. William Barrow, Seventh Chords: Learn and Master Piano</li> </ol>
<b>Requirements</b>	<ol style="list-style-type: none"> <li>1. Classroom Space</li> <li>2. Individual Practice Rooms</li> <li>3. Pianos/Keyboards</li> <li>4. Audio Systems</li> <li>5. Projector and Screen</li> <li>6. Computers and Software</li> <li>7. Headphones</li> </ol> <p><b>Learning Materials and Resources</b></p> <ol style="list-style-type: none"> <li>1. Sheet Music</li> <li>2. Music Theory Books</li> <li>3. Online Resources</li> <li>4. Recording Studio</li> <li>5. Production Equipment</li> </ol> <p><b>Any other item as required</b></p>
<b>Qualified instructors</b>	<ul style="list-style-type: none"> <li>• Qualified instructors with expertise in Piano and related fields.</li> <li>• Support staff for maintaining equipment and facilities</li> </ul>