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ELECTRONIC MUSIC PRODUCTION CAPSULE
JUNE 24-29, 9:30 - 11:30 AM
EDBRIDGE, GURGAON

FACILITATOR : GAURAV CHINTAMANI
CAPSULE OVERVIEW

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The Electronic Music Production capsule has been designed to provide students with detailed insight into the many layers that go into making music. The curriculum is an overview of the key aspects of the production process, starting from the fundamentals of sound and music theory to the core processes applied within digital audio workstations.

At the end of the capsule, we hope students will develop an appreciation of the art form and have a clearer idea about their future as music producers.



FACILITATOR AND MENTOR

GAURAV CHINTAMANI

Director, Audio Engineering & Music
Production , SACAC

SAE alumni, Gaurav Chintamani is the Course

Director of the Audio Engineering and Music
Production Programme at the Sri Aurobindo Centre
for Arts and Communication (SACAC).

Gaurav is also a professional musician and music
producer, who has been working in the industry for
close to two decades. He owns Quarter Note
Studios, one of the most reputed recording studios
and music production houses in New Delhi and has
produced content for a variety of projects, from
radio and TV broadcast, independent
documentaries, short films, ad-films, theatre
productions and feature films. Gaurav is also a
member of Advaita, one of India's most
respected music ensembles.



CAPSULE CONTENTS

What is Electronic Music Production?

- Define music production, in the box.
- Outline the tools available in the DAW
- Differentiate between audio data and MIDI data
- Tools of music making in the DAW

Introduction to Digital Audio Workstations (DAW's)

- Introduction to Logic Pro X
- Signal path in audio and how it is adapted in the DAW
- Introduction to the GUI of Logic Pro X
- Signature Features of Logic pro X
- Apple loops
- Synthesizers, samplers and drum machines



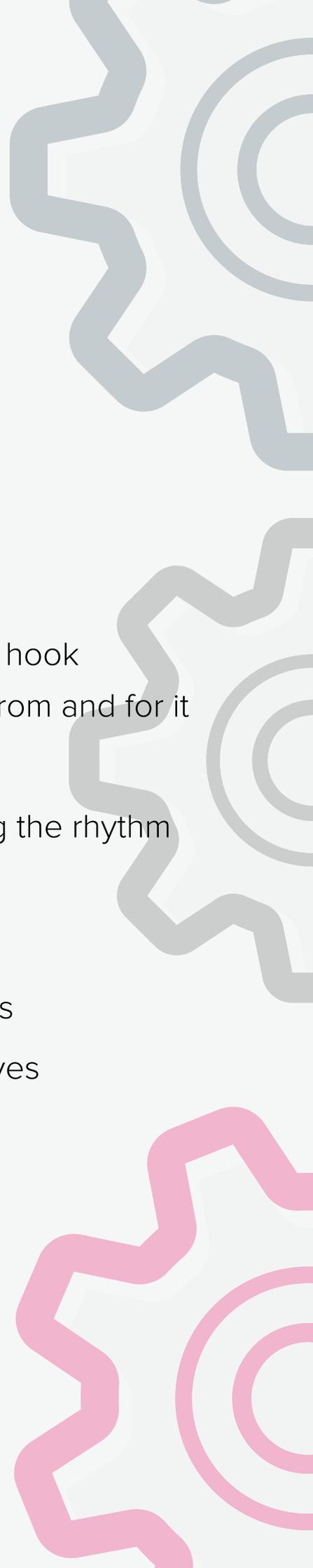
CAPSULE CONTENTS

Basic Music Theory

- What is the major scale?
- Intervals and basic diatonic harmony
- Standard chord progressions
- How to harmonize melodies

Developing the song structure and fleshing out the hook

- Identifying the hook and how to develop ideas from and for it
- Developing song structure
- Defining the pulse of the song and programming the rhythm section to amplify it
- Outline the process / workflow of production
- Benefits of using Arrangement and Marker tracks
- Keeping ideas organized using project alternatives
- Being aware of balance and interaction



CAPSULE CONTENTS

Tweaking Sounds

- Layering sounds to create more impact for individual sounds
- Being aware of the micro and macro elements in an arrangement
- Introduction to modulation and time based effects and using them to add elements of ear candy to the arrangement

Introduction to Audio Recording

- Gain staging
- Identifying a good take Vs. a great take
- Cycle recording workflow tips
- Stacking takes up to create a thicker, fuller sound

Advanced Production Concepts

- Addressing timing and pitch for a better performance
- Creating layers from timing and pitch tools
- Preparing the song for mix



CAPSULE CONTENTS

An Introduction to Mixing

- Working with templates
- Setting up a working balance and creating movement
- Introduction to automation
- Mixing for loudness while retaining dynamics
- Creative use of spatial and modulation effects, pushing the production into creating signature sounds



FAQ'S

Q. What are the kind of songs that we work on in the duration of this capsule?

The process of producing a song is not genre-specific, so you will be able to work on any genre of music that you like.

Q. Are there any prerequisites to this capsule?

There are no prerequisites for this course; anyone who is inclined towards exploring the process of music production can sign up for it.

Q. How long is each session?

A. Each session is approximately 2 hours long.

Q. Do I need to carry any equipment for the capsule?

A. We recommend a pair of over the ear headphones and a laptop with at least 8 GB of RAM, but any laptop and headphones should suffice.

