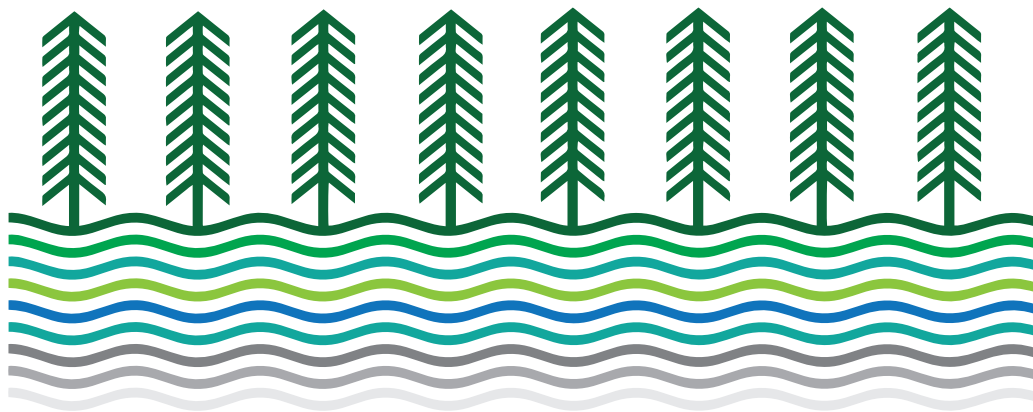


# SYNTH FARM

A unique work-shop based on the need to emancipate the mysterious and often expansive knowledge of sound and related fields of music synthesis : A three day interactive workshop for and by musicians who attempt to demystify the various building blocks of modular & analog synthesis, Ableton Live - further the peek into the theoretical and practical aspects electronic sound.

Outside the existing standards of expensive (and often misleading) options available for emerging artists seeking music technology education, this three day workshop and residency creates an accessible and creative atmosphere. A 'sound-bonhomie' amongst the experts and newbies alike. A lucid curriculum and an open platform to discuss and apply the various creative possibilities and challenges within electronic music.



3 LIVE STUDIOS / 3 MENTORS / ACCESSIBLE TECHNOLOGY & EDUCATION

4-5-6th December 2015  
Dattapukur Village (West Bengal)  
India



“ A series of introductions and discussions about synthesis [analog/modular/digital ] + Ableton Live as a tool for composition, creative sound and live performance instrument. Based on a practical and operative attitude, attuned for tangible results, the workshop also dwells into the vast areas of psychological aspects of sound effecting our consciousness ” - Varun Desai [ Curator, Artist and Coordinator ]

## STUDIO #1 - The Science by Da Saz

**Building Blocks - Architecture of Modular and Analog Sound.** VCA / Oscillator / ADSR / Waveforms / Filters / LFO / CV and Gate functions. How to construct simple sounds as an introduction to synthesis. Creative output - Modulation. Working with dynamic LFOs, Functions and randomization of data.

**Synthesis = Space Time** - How to create a group of basic sounds which co-exist in space - with respect to pitch, timbre, and time itself. Mixing Techniques on Modular and Analog Synths. A practical hands-on retinue of mixing, modulating and coloring the sound of synthesizers.

**Modular and Analog Synthesizers in Music.** Step by step introduction to creating a *Mix-Desk* atmosphere - as various concurrent analog synthesizers are performing separate streams of audio into one composite output. How to imagine and distribute sound as objects in space ?

**The Healing Properties Of Sound** [The Chakras frequencies] and beta wave generation. A discussion about the role and use of simple frequency based healing.

## STUDIO # 2 // THE JAM with 5 volts

**Interactive Plug & Play Arena** - With a flexible timetable and a sound-space wired for interaction and recording amongst the visiting musicians. *Bring your gear and 5volts will get your machines to talk to each other via the MIDI and CV protocols.* To ensure jamming process fluid and encourage improvisation we encourage the artists to build a swarm of drum machines, synths, polyphonic digital machines, samplers, sound toys etc etc - *Lets get down and deep into electronic music hands on and interactive.*

## STUDIO # 3 - ABLETON Live with Audio Pervert

**A Short History and Evolution of the Digital Audio World** - An audio visual panorama across various DAWs. 1999 - till now. We have arrived at Ableton! And we have Max Msp. The world of sequencing and sound design has been merged with video and live code.

**Basic of Audio Routing. Basics of Midi Routing.** The signal flow and it's creative applications with respect to production and mixing music / songs / sounds :

**Ableton in Production vs. Ableton Live. The Countless Creative Counters !** How do we customize our sound personality with Ableton ?

**X-Ways of Ableton** - Is there a difference between composition, performance or far-out audio experimentation ! How ableton can be used as a multifaceted system for composition and performing live onstage. Stages from creativity to production of songs.

**Let make Beats / Lets make Bass-lines / Lets create a signature Synth**  
The Synthesis of Operator/Simpler/Sampler/Analog Soft Machines of Ableton.  
Customization of instruments.

**1 on 1 !** Questions & Solving creative blocks ! Open the box of Doubts - Solve specific technical problems - About connectivity, workflow & performance -The list of Do's and Don'ts.

SYNTHFARM is a sound retreat / workshop created by Varun Desai and Little-i Kolkata @ Dattapukur village, 90 minutes from Kolkata city. The idea of the workshop is to escape the distraction of urban life for 3 days to learn, collaborate and jam with electronic music instruments ranging from computers to analog modular rigs. To help with the learning process we're limiting the attendance to 10 people with 3 instructors. There will be 3 studios set up on site with different goals in mind. In addition to 12 hours of workshops spread over 3 days, We look forward to some exotic fresh organically grown on the farm, nightly barbecues and music listening sessions -

The cost of the workshop is Rs.6000/- per-head. Includes airport transfers from Kolkata airport or the city, accommodation at the farm and meals for 3 days. We encourage you to you bring your synthesizers and sound toys. For Ableton enthusiasts [bring your computers]. Additional information and study material will be available via the mentors on specific subjects and theories.

