

TEACHING AT SYNTHFARM

Synthfarm, India's premier
residency for sound
synthesis, modular science
and electronic music
learning.

June 2018

Hello !

Thank you for your interest, and welcome on behalf of Synthfarm!

In case you are interested to teach or impart knowledge at the residency, we are open for application as visiting faculty. Since 2015, Synthfarm has featured faculty from New Delhi, Mumbai, Geneva, Valencia, Kolkata, Bangalore, London and a growing number of students and product showcases. At Synthfarm, the curators develop diverse courseware for each residency with the visiting faculty. The general ideology of the lectures, demonstrations and courses is aimed to -

- 1. Encourage students** to think / act progressively, practically and critically.
- 2. Increase creativity** in music via practice, exchange, debate and experiments. 'Think Outside The Box'
- 3. Foster individuality** as well as foster community ethics involving knowledge and resources.
- 4. Hands-On-Learning.** Courses with direct interaction between students based on building exercises.
- 5. Equality in the learning field :** Working outside traditional teacher-student hierarchies. We All Can Learn !

Synthfarm is pleased to present this proposal for your review. We look forward to partnering with you in the future.

Synthfarm is a non-profit organization : the fee for students is subsidized to enable 'maximum possible' inclusivity and openness : Hence the need for planning and fund generation [private or institutional] throughout the year -
We urge artists, educators, producers, synth-makers, modular experts, DJs and sound-designers from professional backgrounds to join Synthfarm as a member and not as a client.

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2015 to 2018

Since March 2015 till date, Synthfarm has completed 5 editions. The first edition hosted 10 participants and three faculty members. Since 2015, **participation has doubled** : Episode 5 February 2018 concluded with 20 participants and 4 faculty members. The applications to join the residency has grown **230% during the last 3 years** : due to the limited capacity in terms of lodging, food and hospitality at the venue (farm), the current 'student cap' is set to 20 persons plus 4 faculty members and 3 part-time assistance staff. At Synthfarm, total '**Learning Hours**' counted **approximately 4100 hours** [5 residencies conducted over the last 3 years with a total of 73 participants and 8 unique faculty experts] : **2018 onwards the residency is annual.**

Visiting Student Demographics.

- A. Newbies - Young Non-Professionals - 26% - Age Group 20 to 30 years.
- B. Semi-Professionals - 54% - Age Group 25 to 38 years.
- C. Professionals - 20% Age Group 35 to 55 years.
- D. Male : Female Ratio 8 : 2 [**Under Improvement Plan**] *

Faculty / Educator Demographics.

- A. 35% Faculty is based outside India. 65% within India.
- B. Average Faculty Age - 38 Years.
- C. Faculty Invitation = 2Flights + 3 day Stay + Hospitality
- D. Male : Female Ratio 1 : 0 [**Under Improvement Plan**] *

DOWNLOAD FUNDING PROPOSAL AND WOMEN IN ELECTRONIC MUSIC EMPOWERMENT PLAN : <http://synthfarm.in/partnership/>



Synthfarm 5 Round Up Feature : Read Here

Making The 'Poca-synth' at Synthfarm

Synthfarm Video Series : Testimonials & Showcases

Artist Experience at Synthfarm

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PREVIOUS COURSEWARE

1. Modular Synthesis - Understanding components and overview of modular synthesis [VCO, VCA, LFO, Sequencer, Patching & Mixing] 'Prepared Synthesis' and performance using modular synthesizers.

2. Do-it-Yourself ! - Understanding electricity and circuits to making basic fun synthesizers. Participants are taught how to assemble DIY kits designed and fabricated by Animal Factory Amplification and 5Volts.

3. The Live Studio - Layout, formation, dynamics and 'real-time' use of the studio as a 'Live Space'. Connecting, patching, mixing of instruments, synthesizers, microphones and voice.

4. Audio Midi Basics for Beginners - Rudiments of Midi and Audio explained. The 'building blocks' of sound arrangement, time and pitch. Digital information and it's practical applications in music production.

5. Ableton - Basics. Workflow. Overview into production of sounds and beats. Harnessing Midi and Audio inside Ableton environment. Esoteric ways of performing live electronic music.

6. Software Based Music Production - Various tools involved making sounds, rhythm, mixing, equalization, compression and esoteric problem solving. Virtual Synthesis - Options and Usage.

7. Edicts of Electronic Music - Brief overview about the foundations (and accidents) of electronic music. Music Concrete, Early Pioneers, Early Instruments and pertinent philosophies.

8. Cognitive Science of Sound - Conceptual deconstruction of music via critical theory. Cognitive skill formation as building blocks for understanding music in a cultural, social, economic and political context.

9. Dynamics of Live Synthesis - Harnessing collective sound energy. Multiple users interact, connect and share digital information to make live music or end up with lots of noise! Team building via sound.

10. Generative Music / Art of Randomization - The advent of generative artificial intelligence in music production. From basic concepts [Why and How to Randomize] to building practical musical models.

11. Hardware Software Integration - Rudiments and options to merge hardware and software. For making sounds, for recording and producing music.

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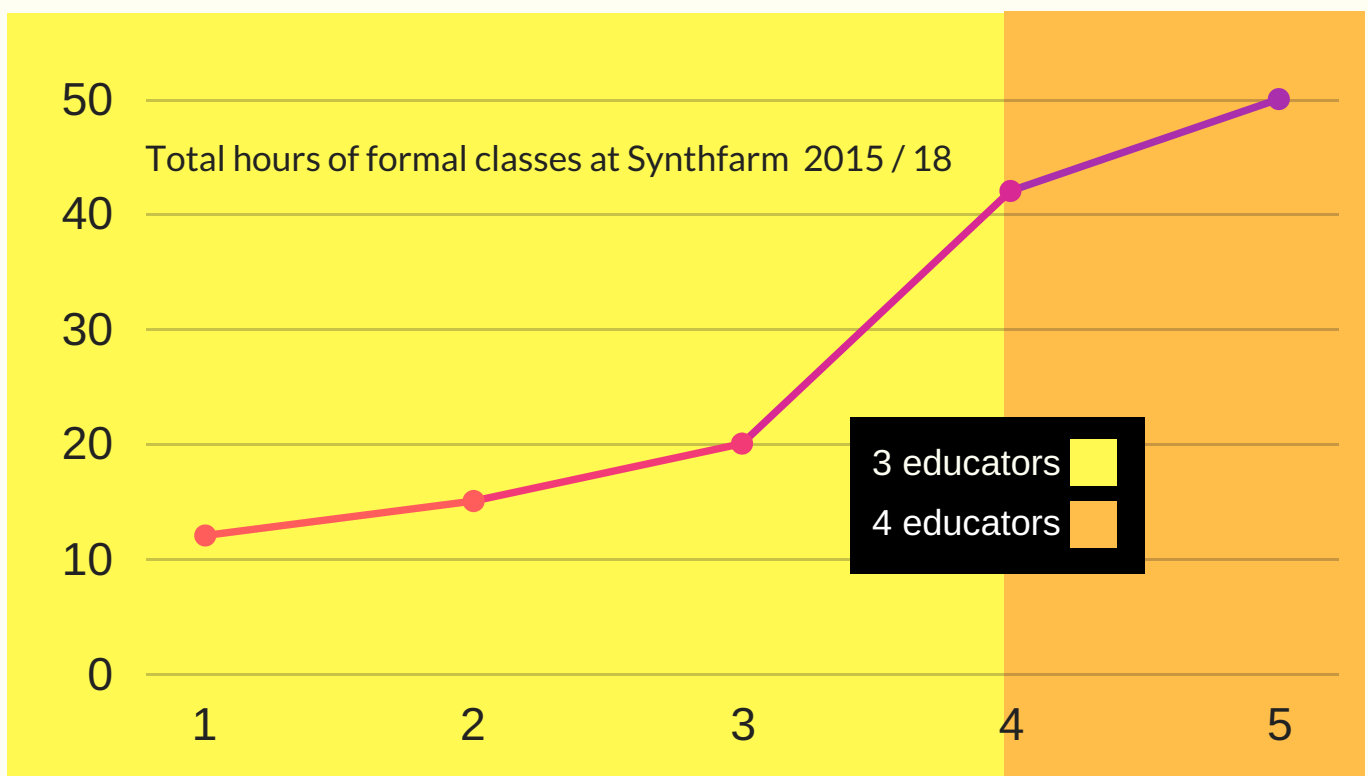
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EXISTING INFRASTRUCTURE



The residency is hosted inside a tropical garden estate in West Bengal. Outside city limits in an environment dotted with nature, birds, flora and fresh water. **The property has been chosen because of the given tranquility, proximity to nature and abundant space : in order to accommodate students and faculty within an 'unique living experience'**. The farm's current hosting capacity is 30 person in total : The small campus is spread over three separate spaces for learning, lectures and experimentation, three large habitation areas, four bathrooms, an active kitchen, a sprawling garden, vegetable farms with a small resting and networking space - plus a serene pond with fish and ducks!

The residency contains three principle learning spaces and one area for DIY courses. The **'Live-Studio'** equipped with two 24-channel mixing desks, several analog and digital synthesizers, a collection of vintage sound gadgets and drum machines, effect processors and adequate amplification. Play And Record Ready! Adjacent studio dedicated to **Modular Science** and **Product Showcases** contains adequate mixing and input/output capacity. **Music production, Ableton and software based courses** are held in a separate space with projectors and basic sound mixing capacity. The fourth space at the residency, though very small is dedicated to **DIY synth making courses**.



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Last but certainly not the least : ECOLOGY & SYNTHFARM.

Set inside lush tropical flora and fauna, the residency invites faculty and artists with a positive attitude, attuned for growth and creativity. Experience an organic, ecologic and socially progressive outlook towards life and music alike. The residency is also vested in nature conservation and will devote resources in this direction 2019 onwards. Being conscious about mother earth, the animals, birds and plants just like we are about electronic music, the technology and culture.

Join us... Grow with us!

THANK YOU



www.synthfarm.in

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Building Curious Positive Futures



<http://synthfarm.in/>

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