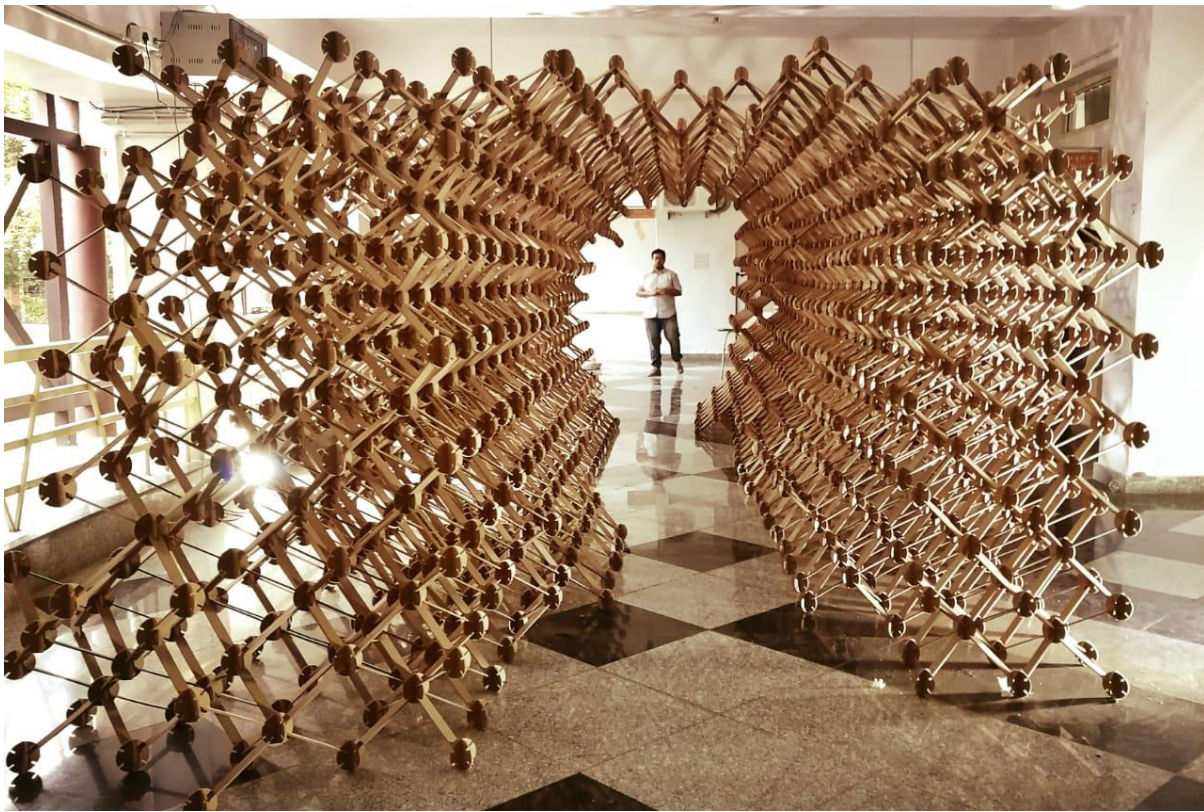
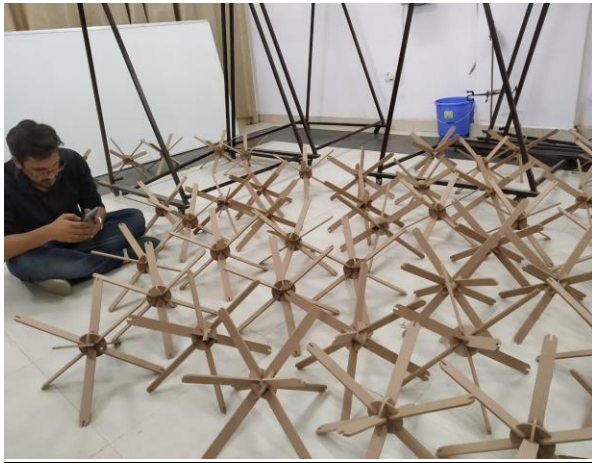


Symbiotic Ecologies

FoAP in collaboration with Studio Symbiosis organized a five-day workshop on digital design and fabrication. Symbiotic Ecologies, being the theme of the workshop, was targeted to explore the theme, through iterative design. Teams worked on creating lightweight structures, which were driven by user movement trajectories, material behaviour, assembly details and user experience.

The workshop included an introduction to the software, cascading into parametric form-finding techniques, using iterative force-based systems. In conjunction a prototype pavilion 'Plexus' was made on campus by the participants.







SYMBIOTIC ECOLOGIES

SYMBIOTIC ECOLOGIES by STUDIO SYMBIOSIS

ORGANIZED BY
FACULTY OF ARCHITECTURE AND
PLANNING, AKTU, LUCKNOW
10-14TH JUNE, 2019
IN ASSOCIATION WITH AICTE

A workshop on digital design and fabrication

"Equilibrium" is at the epicentre of all natural formations, that is achieved through interaction of forces. This results in forms and systems that are in "Symbiosis" internally and with their surroundings.

This workshop will explore this theme, through **iterative design** and fabrication techniques. Starting at the grass root level of why we need digital design and then the workshop will dive deeper into exploring these tools.

Teams will work on the theme of creating light weight structures, this would be driven by user movement trajectories, **material behaviour**, assembly details and user experience.

Digital design tools will include an introduction to the software's and beginner level intro to digital modelling. This will cascade into parametric form finding techniques, using iterative force based systems. In conjunction a **prototype** pavilion will be made on campus by the participants.

TUTORS:

The tutors are Founding Partners and Associates from International practice Studio Symbiosis with offices in **London, Stuttgart & Delhi**. Having won various awards such as 40 under 40 world, 40 under 40 europe, Best Architectural Practise in India to name a few. Jury at **WAF 2017**, speaker at **Smart Geometry** Hong Kong.

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