

CURRICULUM VITAE



Mithuna Murugessh

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ACADEMIC

- 09/2016 - 06/2018 Master of Architecture with Thesis Distinction.
Architectural Association School of Architecture, London
Emergent Technologies and Design cluster.
- 05/2011 - 06/2016 Bachelor of Architecture. RIBA Part II equivalent.
Overall GPA 3.6.
Balwant Sheth School of Architecture, NMIMS. Mumbai, India
- 05/2009 - 06/2011 Indian School Certificate [ISC] with Distinction
Science cluster 91%
Jannabai Narsee School.

PROFESSIONAL EXPERIENCE

- 09/2016 - 06/2018 **Studio Amita Vikrant, Goa.**
Architectural Assistant
Project: Sioul Elements Villas [4 Residencies]
Work Stages:3-5 Status: Nearly completed
- 05/2011 - 06/2016 **CEPT University, Ahmedabad.**
Architectural Intern
Project: Lohali Community Centre
Work Stages:0-2 Status: Completed
- 05/2009 - 06/2011 **Architect Hafeez Contractor, Mumbai.**
Architectural Intern
Project: DLF Cyber City
Work Stages: 5 [Technical drawings] Status: Completed
- 05/2009 - 06/2011 **SR Constructions, Chennai.**
Architectural Intern
Project: Residencies
Work Stages:0-2 Status: Completed

COMPETITIONS & AWARDS

- 02/2014 Honourable mention in International Archmedium Competition Detroit station for Arts. www.student.archmedium.com
- 04/2014 National Competition for Madhya Pradesh state bamboo mission
- 02/2014 Selected amongst the top 10 Kala Ghoda Arts Festival installations.
- 04/2011 State rank [top 20] for state level exam for architecture [MH-CET] amongst over 3000 applicants.
- 10/2010 Selected and attended Cambridge University exchange program, United Kingdom.

PUBLICATIONS

- 06/2018 SimAUD 2018 conference, 'Robotic fabrication of double curved segmented shells: integrated data-design driven. Paper accepted. www.simaud.com.
- 09/2018 ROBARCH 2018 conference, 'Towards autonomous fabrication robotic assembly without scaffolding or mortar to form stable compression shells. forthcoming. www.robarch.com.
- 02/2014 Featured in national newspaper Hindustan Times for top 5 installations at Kala Ghoda Arts festival.

EXHIBITIONS & SYMPOSIUM

- 06/2018 Presentation of simulations run in M.Arch Thesis 'Arctic Recalibration' at the 'Simulation in Architecture and Urban Design 2018', TU Delft. www.simaud.com
- 02/2018 Presentation of M.Arch Thesis 'Arctic Recalibration' at the 'PostGrad Simulating Environments' Symposium AA. www.aaschool.ac.uk
- 10/2017 Exhibition of full scale 'Entwine' Pavilion at Timber Expo 2017. Trada at Timber Expo. www.ukconstructionweek.com
- 04/2014 Timber installation displayed at Dumas Arts Festival 2014, Surat.

SOFTWARE SKILLS

3D MODELLING:
Rhino + Grasshopper.
Revit, 3D Max, Autocad,
SketchUp

ANALYSIS:

Wind [Autodesk CFD, Flow Design], Structural [Karamba], Sun [Ladybug], Material performance [Strand7], Physics [Kangaroo].

DESIGN METHODS:
Evolutionary Developments
[Octopus]

RENDERING:
V-Ray, Lumion

VIDEO EDITING:
Adobe Premire

GRAPHICS:
Illustratpr Indesign,
Photoshop

FABRICATION

CNC Milling
Laser cutting
3D printing
Metal work
Robotic arm [KUKA PRC,
Robots]

LANGUAGES

English	Native
Hindi	Native
Marathi	Basic

REFERENCES

Dr. Michael Weinstock
RIBA, Director, Emergent Technologies and Design. AA School of Architecture.
mweinstock@aaschool.ac.uk

Trilochan Chhaya
GSD, Dean Balwant Sheth School of Architecture. NMIMS.
TM.Chhaya@nmims.edu