

JESNA MATHEW

B.Arch., M.Arch., Ph.D. (Pursuing)
National Institute of Technology
Tiruchirappalli, India

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Educational Qualification:

Year	Degree	Institution	CGPA
2010	Higher secondary (Class 12 th)	Kerala Board of HSE, St.Jude's HSS Vellarikundu	90.25%
2011-16	B.Arch	University of Kerala, College of Architecture Trivandrum	7.72/10
2016-18	M.Arch. (Energy Efficient and Sustainable Architecture)	National Institute of Technology Tiruchirappalli, Tamilnadu, India	8.45/10
2020-Present	Ph.D.	National Institute of Technology Tiruchirappalli, Tamilnadu, India	9.44/10 (Course Work)

Academic Achievements:

- Prime Minister's Research Fellowship 2021 (**PMRF**)
- **2nd Rank** in M. Arch in Energy Efficient and Sustainable Architecture, NIT Trichy, 2018
- **Fifth Rank** in B. Arch degree Examination of Kerala university, 2016

Publications:

- Journal Article: **Determination of Thermal Performance of Roof**
IJRET: International Journal of Research in Engineering and Technology ,**2017**, Volume: 06, Issue:04
Authors: K.Thirumaran , *Jesna Mathew*
- Conference Proceedings: **Empirical Study of The Effect of Thermal Comfort on Student's Performance**
Metagreen Dimensions 2020- 2nd International Conference on Performance of Built Environment,
Published By: College of Architecture Trivandrum, Kerala, **Year: 2020**, ISBN 978-93-5396-411-5
Authors: Beneetta Mary Jose, *Jesna Mathew*

Software Skills:

- Autodesk Autocad
- Autodesk Revit
- Autodesk 3Ds Max
- Autodesk Green building studio
- IESVE
- TRNSYS
- Google Sketchup
- Adobe Photoshop
- MS-Office
- Vegas Pro

Work Experience:

- **Assistant Professor, College of Architecture Trivandrum, Kerala** |Jul 2018 - Aug 2020|
 - Main Faculty for the courses: Climate and Built form I & II, Building Science Lab, Architectural Design (Semester 1, Semester 5 and 6)
 - Assisting Faculty for the courses: Architectural Drawing & Graphics II, Building Materials & Construction Techniques I, Communication Skills & Techniques, Introduction to Architecture
 - Guided the thesis: Culinary Academy at Kumarakam, IIT Goa Campus, School and Vocational Centre for Speech and Hearing Impaired at Thrissur, Parpidam Retirement Village at Ernakulam, Centre for Care and Cure, and Kendriya Vidyalaya at Kozhikode.
 - Guided Dissertation: Thermal Comfort and Student Performance, and Standard's comparison for parameters of P.O.E
- **Trainee Architect, Architect Jose Thomas & Associates, Calicut** |June 2014- Dec 2014|
 - Experience as a Team Member in Architecture design projects

Workshops and Competitions:

- **Metagreen Dimensions 2020- 2nd International Conference on Performance of Built Environment** organised by College of Architecture Trivandrum |Feb 2020|
- **1st Indo-Swiss Workshop on Building Integrated Solar Energy Systems (BiSe-2019)** organised by CSIR-NIIST, Trivandrum |Nov 2019|
- 5-days Faculty Development Programme on **Climate Responsive Architecture** conducted by College of Architecture Trivandrum |Jul 2018|
- 5- days COA Faculty Induction program on "**Documentation of Architectural Heritage**" organised by MES College of Architecture, Kozhikode |Oct 2018|
- 2 days' workshop on **Building Physics & Energy Conservation Building Code (ECBC)** organised by Department of Architecture NIT, Trichy |Feb 2017|
- 3 days' workshop on **Integrated Environmental Solutions Virtual environment** |Dec 2017|

Projects (Academic):

- Investigation of Ventilation Performance to Improve the Indoor Air Quality in Community Kitchens – M. Arch Thesis |June 2017- May 2018|
- Rehab Village for Endosulfan Victims, Kasaragod -B.Arch. Thesis |Dec 15- May16|
- Determination of Thermal Performance of Roof – B.Arch. Dissertation |Dec14 - Nov 15|

Positions of Responsibility:

- Co-Convenor, Metagreen Dimensions 2020- 2nd International Conference on Performance of Built Environment, College of Architecture Trivandrum | Feb 2020|
- Assistant Warden, Girls Hostel, College of Architecture Trivandrum | Jul 2018- Aug 2020|
- Member of the Anti-Ragging Cell, College of Architecture Trivandrum | Jul 2018- Aug 2020|

Declaration:

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.