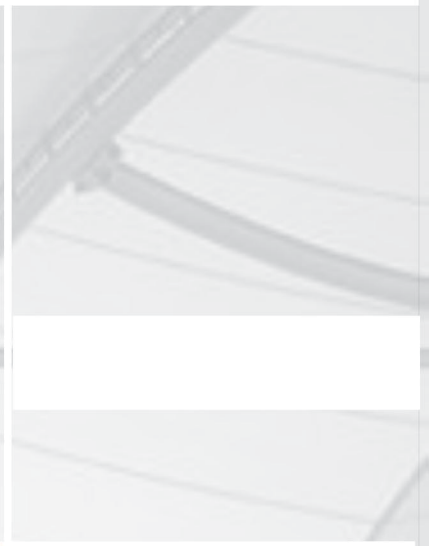



ArchKU

seminar series

Architecture Discipline
Khulna University



“ Introduction to Tensile Membrane Structure ”

Speaker: BIOGRAPHY:

LATIFA SULTANA & **MD. SHAHJAHAN MIA**
 LECTURER , Southeast university Architect Partner dSAFE, Gulshan 1, Dhaka. MD and Partner, Structural engineering , dSAFE. Adjunct faculty in the department of Architecture, Southeast University.



Latifa Sultana is a faculty member in the Department of Architecture, Southeast university and an architect partner in dSAFE. Her research interests include Impact of Tensile Fabric Structure in Semi -Outdoor Spaces of Tropical Cities, Adaption of Tensile Architecture in Tropical Monsoon Climate, Urban renewal Considering its heritage Value, Documentation and Conservation of heritage structures. She also taught at Inspiration Institute of Design & Technology , Dhaka. She received her Masters in Membrane Structure from IMS, Dessau, Germany and BArch from Khulna University. She attained the advanced professional training program Archineer Degree at 2017 from IMS, Germany and Certificate program for Training workshop on tensile Architecture at Acharya's University, Bangalore, India in 2016. She also took participation in International Symposium of Tensile Membrane Structure, University of Architecture, Miami, USA, 2018 and IMS Technical Symposium 2015, Germany. Recently she have Presented an Introductory Brief on Tensile Membrane Structure, at IAB, Bangladesh. As a practicing architect her projects are published in renowned Bangladeshi architectural construction related magazine 'Bandhan' and 'Naksha'. Her projects video documentation is telecast at local TVs also.

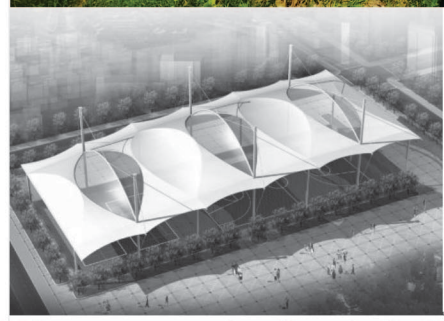
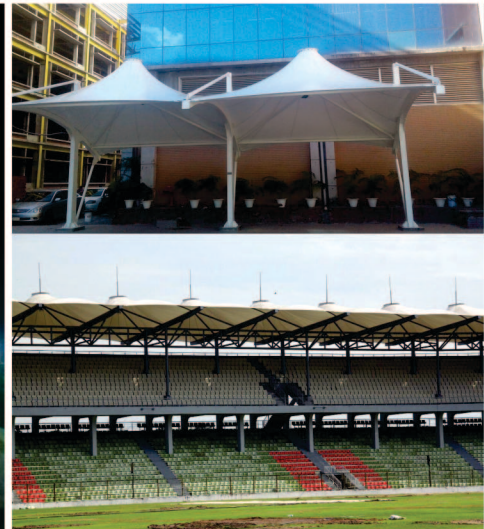


Md. Shahjahan Mia is a professional structural engineer. He is the MD and Partner of dSAFE and an adjunct faculty member in the Department of Architecture, Southeast university. His research interest is focused on Tensile Structure. He completed his B.Sc. in civil engineering from Bangladesh University of Engineering Technology(BUET). He also attained the advanced professional training program "Archineer Degree" from IMS, Germany and Certificate program for Training workshop on tensile Architecture at Acharya's University, Bangalore, India. He also took participation in International Symposium of Tensile Membrane Structure, University of Architecture, Miami, USA, 2018 and IMS Technical Symposium 2015, Germany.



Synopsis

Tensile membrane architecture is a highly sophisticated medium that offers unique qualities for architects, designers and engineers to experiment with form and create alternative solutions to every day design challenges. The first part of lecture include, Concepts of fabric structure, The reasons for Architects to chose tensile solutions, Architectural applications and Technical categories of tensioned Structures, Architectural Applications of Some Examples of tensile projects in Bangladesh. Second lecture contains Introduction and Definition, Structure of Tensile Membrane, Membrane construction building Parts, Form, Prestress, Form finding, curve, curvature, Designing Architectural membrane Structure, Structural Analysis, Fabric Type, Components and details



Time: 2:30PM-3:30 PM
Date: SEP 05, 2019

**Venue: "UTHAN"(ArchKU Lecture Theatre), 2nd Floor
Dr. Satyendra Nath Bose Academic Building**

The venue/schedule/speaker may change if needed. Any such change will be noticed with prior information.

For further information please contact, Md. Esfaqr Rahman, Co-ordinator, Nur Mohammad Khan, Assistant Co-ordinator
Architecture Discipline Seminar Series, Architecture Discipline, Khulna University, Khulna-9208

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