



ArchKU seminar series

Architecture Discipline
Khulna University

“ HISTORIC CONSTRUCTION TECHNIQUES OF BANGLADESH: 1750-1950 ”

DR. A.T.M. MASOOD REZA

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ARCHITECTURE DISCIPLINE, KHULNA UNIVERSITY

Speaker:

BIOGRAPHY:

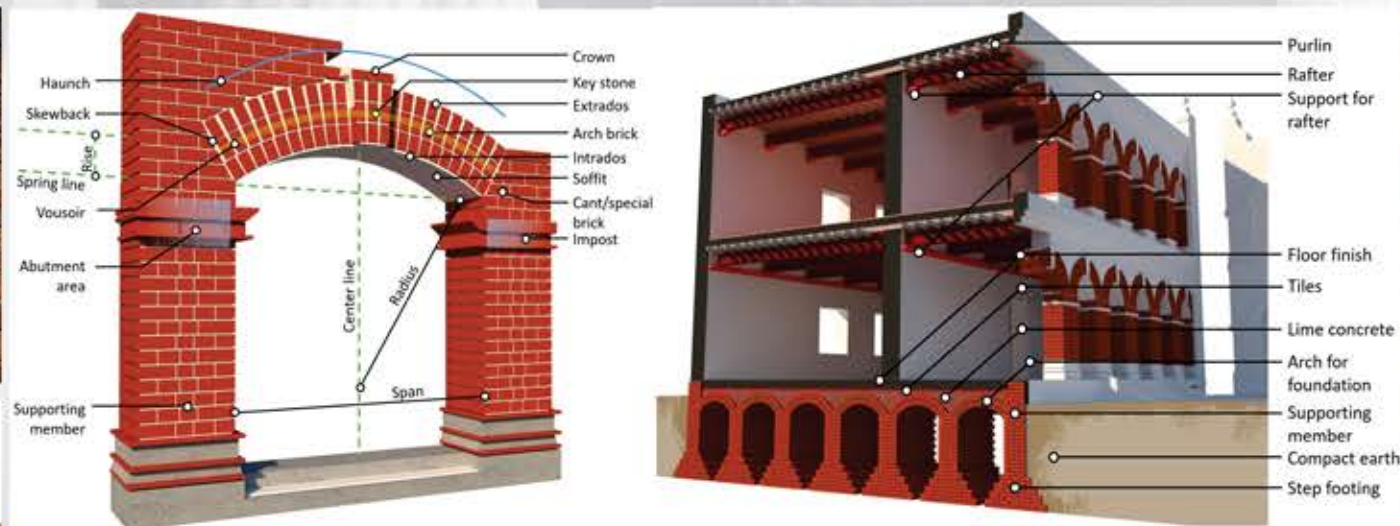


Dr. A. T. M. Masood Reza is an architect and academician specialized in architectural history of Bengal in the colonial period. His research interests include the social, political and cultural contexts along with architectural principles, forms, patterns and Typology which have influences and contributed the gradual development of the Zamindar/ feudal-lord houses in Bangladesh from 1793 to 1950. The architectural styles and features of the colonial architecture in terms of architectural principles, construction systems, patterns and ornamentation; different problems of conservation process; analyze the conservation efficiency in the aspect of design, planning, material and finishes catch his interest most. Right now he served as Associate Professor in the Architecture Discipline at Khulna University, Khulna. A. T. M. Masood Reza received his Ph.D. from Archaeology Department, Jahangirnagar University (JU), Master's in architecture (M.Arch) from Bangladesh University of Engineering and Technology (BUET), and B. Arch from Khulna University, where he also taught. His PhD focus is "Historic Evolution of Building Construction Systems, Responding to the Context in Bangladesh from 1750-1950". He has contributed as co-investigator in Stylistic Evolution of Architecture in Bangladesh: From a Colony to a Free Country and Assessment of the climate change impacts on world heritage structures: A case study on Khalifatabad city in Bagerhat funded by KU research cell; Worked as committee member and team member in some conservation related project in a collaboration with Department of Archaeology, GoB. He has participated in many survey and documentation of heritage building expedition (Panamagar Survey and Documentation, Part survey for the Churches of Bangladesh, Manikganj & Dhaka District's Zamindar houses etc.) as team co-ordinator and team member. As a practicing architectural consultant, A. T. M. Masood Reza has Renovated Mia Bari, Kashipur, Chuadanga. He is considered one of the key resource person about professional practice and architectural history of Bengal in Architecture Discipline, Khulna University.

Synopsis

Colonial architecture is a wonderful syncreation of occidental form adopted with the oriental tradition that emerged in the context of our deltaic region through an excellent combination of architectural doctrine and tectonics of west and east. A plenty of colonial architecture were constructed throughout the Bangladesh in both urban and rural contexts during that period. The following presentation will cover that tectonics part of colonial architecture mentioning as the topic of the seminar on 'HISTORIC CONSTRUCTION TECHNIQUES OF BANGLADESH: 1750-1950'.

A paradigm-shift took place in the building construction during the colonial period, especially in flat roof construction which known as 'Bengal terrace roof'. Besides that Bengal terrace roof, curve cove horizontal vaulted roof, Jack arch roof, trussed roof, reinforced brick (RB) floor system and Reinforced concrete (RCC) floor was emerged and practiced for the construction of colonial houses of Bangladesh. Similar to the roof construction, various foundation systems and wall construction techniques were skilfully exercised during this time period. An overview of that construction of colonial architecture will be addressed to the audiences at this afternoon.



Time: 2:30PM-3:30 PM
Date: OCT 03, 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

Open for all