

# *Certificate of Achievement*

MIDAS SOFTWARE TRAINING PROGRAM

Hereby with this certificate, we acknowledge the recipient has demonstrated a fundamental level of Competence in the Knowledge, Understanding and Application of midas GTS Nx by successfully completing the 9 hours of online training organised by MIDAS Research & Development Centre, India, and passing a formal assessment for Certification.

*Awarded to*

Recipient :

**Mohammad Mahtab Uddin**

Organization:

**Tongji University**

## *Course Details*

Product	midas GTS NX
Course Title	Tunnel (Numerical Modelling & Analysis) Short Course
Number of hours	9 :40 hrs
Evaluated by	Tadavarthi Sree Harsha
Contents	(1) Getting Started with GTS NX (2) Twin Metro Tunnel in Layered Soil (2D) (3) Constrn. Stage Analysis of Tunnel (3D) (4) Double Lined Tunnel Modelling (3D) (5) Horse Shoe Tunnel with Lining and Rock-bolts using Tunnel Wizard (3D) (6) D Shaped Railway/Roadway Tunnel in Hilly Terrain (3D) (7) Tunnel with Cross Passage using Stage Wizard (3D) (8) Deep Excavation for Metro Station (3D) (9) Lowering of TBM Shaft into the Tunnel

Serial no: MIN-GTS#0002

Date August 4, 2021

Signed by Mr. Ravi Anne

*Director of training and education*

*A. Nagarajan*



**MIDAS Research & Development Centre, India**  
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Verify at <http://academy.midasuser.in/certificate/mingts0002>