

Declaration

It is hereby declared that this thesis report, in whole or in part, has not been submitted elsewhere for the award of any Degree or Diploma.

Tahmid Al Munem

Tahmid Al Munem

(ID: 180051224)

Fabia Omar Shoili

Fabia Omar Shoili

(ID: 180051204)

Nazia Afrin

Nazia Afrin

(ID: 180051209)

Supervisor

Hossain MD. Shahin

Dr. Hossain MD. Shahin

Professor

Department of Civil and Environmental Engineering (CEE)

Islamic University of Technology (IUT)

Board Bazar, Gazipur, Bangladesh.