Computation of Steady Water Surface Profiles in Rivers using HECRAS (Hydrological Engineering Centre-River Analysis System) and Annel 2

A Report Submitted in partial fulfilment for the award of Degree in

Bachelor of Technology

in

Civil Engineering

by

MANVITHA MALRAJ	18241A0187
SOWMIKA BOYAPATI	18241A01B2
RAMPELLI PRAVALIKA	18241A01A3
KANCHARKUNTLA DEEPIKA	18241A0178
DANDRE VENNELA	1824540170

Under the guidance of

PROF. Dr. MOHAMMED HUSSAIN

Department of Civil Engineering



GOKARAJU RANGARAJU

INSTITUTE OF ENGINEERING AND TECHNOLOGY, BACHUPALLY, HYDERABAD, TELANGANA.

(Autonomous) APRIL 2020

CERTIFICATE

This is to certify that the project report entitled on "Computation of Steady Water Surface Profiles in Rivers using HECRAS (Hydrological Engineering Centre-River Analysis System) and Annel 2" submitted by MANVITHA MALRAJ, SOWMIKA BOYAPATI, RAMPELLI PRAVALIKA, KANCHARKUNTLA DEEPIKA, DANDRE VENNELA to the Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, in partial fulfilment for award of degree of B. Tech in Civil Engineering is a bonafied record of project work carried out by them under PROF.Dr.MOHAMMED HUSSAIN, Professor supervision. The contents of the report, in full or in parts have not been submitted to any other Institution or University for award of any degree or diploma.

PROF. Dr. MOHAMMED HUSSAIN

Professor

Internal Guide

Department of Civil Engineering

GRIET

MOHAMME O HITE ATH BEATH BETWEEN ME PROFESSOR OF CIVIL ENGINEERING GOKARAJU RANGARAJU INSTITUTE RE ENGINEERING AND TECHNOLOGY BACHUPALLY RURATERLY, MYDERARAD 300 030 MOIR BACHUPALLY, RURATERLY, MYDERARAD 300 030 MOIR

1. N. coll : 1/8/505/

Dr V. MALLIKARJUNA REDDY

Professor and Head of the Department

Department of Civil Engineering

GRIET

External Examiner