**MANGROVE LOSS MAPPING USING REMOTE SENSING AND**

**GIS OF MUMBAI REGION**

Submitted By

Mr. Parth Panchal

SEAT NO.\_\_\_\_\_\_\_\_\_\_

Year: 2017-18

Under the guidance of **Mr. AnandUpadhyay**

Submitted in partial fulfillment of the requirements for qualifying B.Sc.-(I.T), Semester-VI Examination

Thakur College of science & commerce, Shyamnarayan Thakur Marg, Thakur Village, Kandivali (E),

Mumbai – 400101.

Thakur Educational Trust’s (Regd.)

## THAKUR COLLEGE OF SCIENCE & COMMERCE

(NAAC Re-Accredited Grade –A, CGPA -3.10 & ISO 9001:2008 Certified)

Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East),

Mumbai -400101.

Tel.: 2846 2565/2887 0627 Fax: 2886 8822

Email: [tcsc@tcsc.org.in](mailto:tcsc@tcsc.org.in)Website: [www.tcsc.org.in](http://www.tcsc.org.in/)

# Certificate

This is to certify that the project entitled ‘**Mangrove loss mapping using Remote Sensing and GIS of Mumbai Region**’ Undertaken at the department of Bachelor of Science in Information Technology by **Mr. Parth Panchal** seat no**. \_\_\_\_\_\_\_\_\_\_\_** in partial fulfillment of B.Sc. IT (Semester VI) Examination had not been submitted for any other examination and does not form part of any other course undergone by the candidate.

It is further certified that he/she has completed all required phases of the project.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

External Examiner Internal Examiner

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Guide HOD/In-charge/Coordinator