

MULTISENSORY FUSION FOR UNDERWATER ROBOT LOCALIZATION AND EXPLORATION

**BY
UMAIR ALI**

- 1) ROLL #: 18016522-008**
- 2) REGISTRATION #: 18001222019**
- 3) DEGREE PROGRAM: MASTER OF SCIENCE IN ENGINEERING**
- 4) DEPARTMENT: ELECTRICAL ENGINEERING**
- 5) FACULTY: ENGINEERING**
- 6) CAMPUS NAME: HAFIZ HAYAT**
- 7) SUPERVISOR NAME: DR. SYED MUHAMMAD WASIF**
- 8) DEGREE ENROLMENT SEMESTER: FALL-2018**
- 9) DISSERTATION ENROLMENT SEMESTER: FALL-2019**
- 10) SEMESTER IN WHICH SUPERVISOR ALLOTTED: FALL-2019**
- 11) EXPECTED THESIS COMPLETE: SPRING-2020**
- 12) DATE OF SYNOPSIS SUBMISSION TO THE DEPARTMENT: 18 JUNE 2019**
- 13) DATE OF THE APPROVAL FROM DRRC:**

Student Signature	Supervisor's Signature	Signature Of The Convener DRRC
Signature Of The Convener Faculty Board		

Date of Submission to the Directorate of ASRB

Date of Approval by ASRB