

UNDERGRADUATE PROJECT REPORT

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| **Project Title:** | **Forest Fire Detection and Severity Assessment Using Improved YOLOv5 on Satellite Imagery** |
| **Surname:** | **Li** |
| **First Name:** | **Qinglian (Jane)** |
| **Student Number:** | **202118010402** |
| **Supervisor Name:** | **IRFAN ULLAH** |
| **Module Code:** | **CHC 6096** |
| **Module Name:** | **Project** |
| **Date Submitted:** | **May 5th, 2025** |

**Chengdu University of Technology Oxford Brookes College**

**Chengdu University of Technology**

**BSc (Single Honours) Degree Project**

Programme Name: **Software Engineering**

Module No.: **CHC 6096**

Qinglian

Surname: …………………………………………………………………………………………………………………………

Li

First Name: ……………………………………………………………………………………………………………………...

Forest Fire Detection and Severity Assessment Using Improved YOLOv5 on Satellite Imagery

Project Title: ……………………………………………………………………………………………………………………

202118010402

Student No.: …………………………………………………………………………………………………………………....

Dr. Irfan Ullah

Supervisor:……………..…………………………………………………………………………………………………….....

2ND Supervisor (if applicable): **Not Applicable**

Date submitted: **May 6th, 2025**

*A report submitted as part of the requirements for the degree of BSc (Hons) in Software Engineering*

*At*

**Chengdu University of Technology Oxford Brookes College**

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May 6th, 2025

Signature …………………………………………. Date …………………………………………

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