FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

Hormis Nagar, Mookkannoor PO, Angamaly, Kochi
Accredited by NAAC with 'A+' Grade

DEPARTMENT OF COMPUTER APPLICATIONS

SYNOPSIS OF THE MAIN PROJECT

Name of the Student	Jerrin Siby
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Name of Project Guide	Ms. Joice T
GitHub ID	https://github.com/jerrysiby
Project Title	Cyberbullying Detection and Prevention in Malayalam across Video Streaming Platforms
Area of the Project	Cyber Security
Date of Submission	31-01-2025

Description of Project:

- **To develop an NLP-based system** that detects cyberbullying in Malayalam across Video Streaming Platforms
- Ensures accurate classification by considering **sentiment polarity, context, and slang variations** specific to Malayalam.
- **To implement an automated classification model** that can accurately identify and flag cyberbullying content.
- **To contribute to cyberbullying prevention** by instantly deleting and not allowing the comments to be shared in public domain.

Front End & Back End Tools	React.js, Bootstrap-Frontend Python,TensorFlow,NLTK/SpaCy,Scikit-Learn-Backend