Weekly Status Report

Project Title	-		
Batch No	89		
Week Starting Date	16/9/24	Week Ending Date	19/9/24
Name	AKHMAL MOHAMMED ROHIT MADDALY SAAHIL SUDHIR PAKHARE SHREYA HEGDE	SRN	PES2UG22CS047 PES2UG22CS459 PES2UG22CS475 PES2UG22CS532

Activities Completed

#	Tasks	Date	Remarks
1	Concluded the analysis of ACARS communication vulnerabilities through an in-depth review of case studies and literature.	16/9/24	ACARS communication vulnerabilities, found that its reliance on legacy software makes it vulnerable to cyberattacks.

In Progress

#	Tasks	Date	Remarks
1	Identifying communication systems in aircraft that exhibit similar vulnerabilities to ACARS.	17/9/24	Noticed vulnerabilities in ADB-S and CPDLC systems, parallel to the issues in ACARS.
2	Conducting a further in-depth study of potential attacks on wireless communication systems.	18/9/24	Identified risks to wireless communication, including Jamming, Man-in-the-Middle, and False Alarm attacks.

Plan for Next Week

#	Tasks	Date	Remarks
1	-ISA WEEK-	-	-

Signature of Project Guide
Prof . Animesh Giri

Signature of Project
Coordinator

Signature of
Chairperson