NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE ENGINEERING

DAILY WORKSHEET (DWS)

NAME OF THE STUDENT : Rana Neha AjayKumar

ROLL NO. : 21BCE246

NAME OF THE COMPANY : Reconnect Energy Solutions

DWS No.: 1

Date	Task
9th Jan 2025	Onboarded as an AI Intern at Reconnect Energy
10th Jan 2025	Project Understanding
13th Jan 2025	Explored chatbot frameworks and assessed their feasibility
15th Jan 2025	Study of Rag for LLM (Paper-1)
16th Jan 2025	Study of Rag for LLM (Paper-1)
17th Jan 2025	Study of Searching for Best Practices in Retrieval-Augmented Generation (Paper-2) & Function Calling
20th Jan 2025	Dataset Understanding
21th Jan 2025	Set up project requirements and technical specifications.
22th Jan 2025	Refined the intent classifier layer for better accuracy.
23th Jan 2025	Explored table extraction approaches.
24th Jan 2025	Studied the MinerU tool for efficient PDF content extraction.
27th Jan 2025	Re-ranking Algorithm study
28th Jan 2025	Query Decomposition
29th Jan 2025	Reviewed the paper Lost in the Middle for retrieval optimization.

Sign of Engineer In-charge / Project

Date: 14/02/2025