2.1.3 Research Findings for Existing Literature

S. No.	Roll Number	Name	Paper Title	Tools/ Technology	Findings	Citation
1	102217078	Balbir S. Bhatia	Chain-of-Agents	Multi-Agent LLMs	Collaborative long-context task-solving	[1]
			ReConcile	LLMs, Consensus	Improved reasoning with round-table consensus	[6]
			Tree-of-Code	Hybrid Parsing, CodeGen	Improved robust code generation	[13]
			AgentCoder	Multi-Agent, Code Testing	Iterative code testing and optimization	[15]
2	102217009	Manik Jain	Corex	Collaborative LLMs	Multi-agent reasoning with improved logic	[2]
			AgentDropout	Dynamic Agent Pruning	Token-efficient reasoning	[8]
			AdaCoder	Adaptive Planning	Function-level generation adaptation	[16]
3	102217106	Deepansh Patni	HALO	Hierarchical Logic DAG	Hierarchical task orchestration	[3]
			TDAG	Dynamic Task Decomposition	Flexible multi-agent execution	[12]
			DART-LLM	Multi-Robot Decomposition	LLM-based dependency-aware robot control	[18]
4	102217010	Khwaish Agarwal	From Debate to Equilibrium	Bayesian LLM Reasoning	Equilibrium-based reasoning model	[5]
			Multi-Agent Debate	Factuality Filter	Enhanced factual output	[7]
			CodeCoR	Self-Reflective Agents	Improves feedback in generated code	[14]