AAC PROJECT TOPICS

Group #	Group Members	Topic
1	Jalluri Mahesh Kumar (2025H1030061P) Vrudhula Sreedhar (2025H1030056P) J. Sri Chakri (2025H1030048P)	How to Prove a Theorem So No One Else Can Claim It
2	Manmay Maheshwari (2025H1030049P) Desigan PK (2025H1030050P) Gagan Singh (2025H1030051P)	PRICING VIA PROCESSING OR COMBATTING JUNK MAIL
3	SAI PRANEETH METHUKU (2024H1120186P) SUMIT SUBHASH KAPATKAR (2024H1120218P) ANMOL SHARMA (2024H1120191P)	A Personal View of Average-Case Complexity
4	Ranjan Singh(2024H1120193P) Kalpana Banchhor (2024H1120181P) AYUSH SHARMA (2024H1120188P)	Finding a Minimum Circuit in a Graph
5	Jenil Chandresh Gandhi (2025H1030060P) Kunj Padhiyar (2025H1030062P) Taresh Bansal (2020HD031945P)	A Probabilistic Remark on Algebraic Program Testing
6	Mohaneesh Raj Pradhan (2024H1120190P) Harsh Maharana	The PCP Theorem by Gap Amplification

	(2024H1120182P) Sudhanva S (2024H1120187P)	
7	Vanshika Sharma Moksh Chandreshbhai Ajmera Eswar Narayan	Worst-Case to Average-Case reductions via additive combinatorics
8	Vaibhav Bhatnagar (2025H1030052P) Yash Kothari (2025H1030053P) Swayam Kumud (2025H1030063P)	Asymmetric Graphs
9	Ashish Shetty (2025H1030064P) S. Rishab (2025H1030066P) RITWIK BHUNIA (2024H1120196P)	TWO THEOREMS ON RANDOM POLYNOMIAL TIME
10	Rohit Singhee (2024H1120258P) Kuldeep Chaudhary (2024H1120184P) Shreedhar Soni (2024H1120179P)	Average-Case Fine-Grained Hardness
11	Sthiti Swain (2025H1030055P) Shubhangi Tyagi (2025H1030059P) Ritu Laharwani (2025H1030065P)	Monte-Carlo algorithms in graph isomorphism testing
12	Saksham Singhal (2025H1030208P) Lokesh Patil (2025H1030054P) Kalp Dalsania (2025H1030209P)	NP is as easy as detecting unique solutions
13	Tejas Mahajan (2025H1030057P) Surajsinh Patil (2025H1030058P)	Maximum Likelihood Decoding of Reed Solomon Codes
14	Sarthak Shashi (2025H1030140P) Nookala Gayathri Sreeja (2025H1030232P)	Isomorphism of Graphs of Bounded Valence Can Be Tested in Polynomial Time

15	Milap Chaudhari (2025H1030207P) Shail Shah (2025H1030231P) ADITYA CHAUDHARY (2024H1120262P)	The Knowledge Complexity of Interactive Proof-Systems
16	Shreyas Ashtmakar (2024H1120192P) Bellamkonda Ieeshasree (2024H1120183P) Rakshita G Astagi (2024H1120180P)	On the Complexity of K-SAT

Evaluation will start from 17th November. Each group has to give a presentation and answer the questions. The questions will be based on the paper and the topics related to the paper (50% + 50%). Time: 10 minutes for presentation and 10 minutes for answering the questions.