GHOUSIA PRE UNIVERSITY COLLEGE

**Ghousia College of Engineering Campus, Bangalore Mysore Road,
Ramanagara Dist., Karnataka-562159, India**

Recognized by Government of Karnataka & Approved by P.U.E BOARD

Staff Incharge	Mrs.Husna Khanum		
S.N	**Student Full Name**	**Semester**	**Student Club**
1	Ameena Manal	II-PUC	Innovation Club
2	Aqsa Khanum	II-PUC	Innovation Club
3	Mehdiya Banu	II-PUC	Innovation Club
4	Raquib Baig	II-PUC	Innovation Club
5	Syed Afnan Ahmed	II-PUC	Innovation Club
6	Kesha Keerthana	I-PUC	Innovation Club
7	Umme Hani	I-PUC	Innovation Club

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Students Innovation Club Activities:

Sl. No.	Event Name	How to Conduct the Event
1	Idea Generation & Brainstorming Workshop	Guided group brainstorming on real-life challenges; students propose CS-based solutions.
2	Mini Hackathon (4–6 hours)	Students build quick prototypes using Python, web apps, AI APIs, etc., and present results.
3	Design Thinking Bootcamp	Teach design thinking stages with CS problems—empathy, ideation, prototyping, testing.
4	Innovation Challenge – Solve a Local Problem	Students identify local issues (traffic, waste, safety) and propose tech-driven solutions.
5	Prototype Building Session	Build small working prototypes using Figma, App Inventor, IoT kits, or cloud tools.
6	CS Paper Presentation Event	Students prepare and present papers on AI, ML, cybersecurity, IoT, cloud, or innovative computing topics.
7	Tech Innovation Talk Series	Invite industry speakers or alumni to share insights on innovation in modern CS fields.
8	Startup Idea Pitching Competition	Students pitch CS-based startup ideas with 3-minute business pitch + Q&A.
9	Innovation Through Coding Contest	Creative coding challenges—AI art, puzzle generation, mini automation scripts, etc.
10	Reverse Engineering Challenge	Students study apps like Instagram, Swiggy, Uber, and propose improved versions or new features.
11	Product Design using UI/UX Tools	Students design innovative user interfaces using Figma, Adobe XD, or Canva.
12	Problem-Solving Marathon	Logic puzzles, real-world problem-solving, and algorithmic thinking exercises.
13	Innovation Debate	Debates on —AI Creativity,‖ —Future of Robotics,‖ —Ethical Hacking,‖ or —Automation Risks.‖
14	Tech Documentary/Case Study Review	Watch and analyze innovation case studies (Google, Tesla, ISRO, Apple).
15	Open Innovation Exhibition	Students display prototypes, posters, innovation models, UI designs, and tech demos.
16	Entrepreneurial Skills Workshop	Teach business model canvas, market research, revenue models, and pitching skills.
17	Innovation Quiz (CS Focused)	Quiz on innovators, algorithms, tech breakthroughs, patents, and programming innovations.
18	AI Tools Exploration Day	Students explore AI tools, automation platforms, low-code/no- code systems.
19	Innovation Case Study Challenge	Students analyze how tech companies solved problems and suggest better innovations.
20	Women Innovators Showcase	Students present contributions of women in computing and technology innovation.