

LogicLooM Organizing Team

LOGICLOOM v1 (MARGAZHI 2024) STATS

Public Release

General Event Stats

Total Unique registration counts captured on Paradox Portal	436 (Stream-wise split: DS – 428 ES – 8)		
Category-wise split	Foundational 319	Diploma 107	Degree 10
Total Active Participants (who actually participated in the event)	243 (Attempt summary: 103 in D1 and 140 in D2)		
Participants who attempted Round 0 (warm-up round)	135		
Participant Retention Rate	55.73% (2nd Highest in Technicals Department)		
Total Participants who Qualified for Finals (round-2)	18 (6 teams, 3 members allocated randomly in each team)		
	Foundational 14	Diploma 03	Degree 01
Winning category	FL students out-powered Dip and degree students in the same paper		
Cut-off Percentile	91.27 (Equivalent to cut-off normalized score 61.49)		

Highest Normalized score across both sessions	80.89 (i.e. 100 percentile)	
Highest Raw Score	D1 Paper 64/100 points	D2 Paper 76/100 points
Average normalized score across both sessions	31.1 (Normalisation method used: G-score, as per Normalization of marks in multi-session examinations by Profs Abhay G. Bhatt, Sourish Das and Rajeeva L. Karandikar)	
Prize amount allocated by Paradox Team	Rs 2250 INR (Highest in the Technicals Department)	
Organizers Budget (Logistical costs, etc.)	NIL	
Event Type	Competition Only	
Total Number of Rounds	02	
Associated Guests Speakers/Profs/Mentors/Judges	01 (Speaker)	

Participant Feedback Stats

Detailed feedback was taken on our portal which was visible after the completion of the round. Here're some insights after a thorough analysis of the various aspects and factors.

Overall event rating (on a 5-pt. scale) Avg.	4.2
Avg. event-App portal rating (on a 5-pt. scale)	4.3
Avg. Contest difficulty rating (on a 3-pt. scale)	2.6

% of participants who agreed that the problems were “unique, freshly brewed, thought-provoking and required critical thinking”	70.1%
% of participants who found the contest challenging	73.5%
Section which was the most difficult, as per majority	Mathematical problem solving (38.5%)
Section which was comparatively easier, as per majority	Programming Basics (46.2%)
% of participants who agreed that “the event was well-organized and conducted seamlessly”	95%
% of participants who agreed that “the event coordinators were helpful and that they received a good support throughout the event run”	96.7%
% of participants who’ve strongly agreed and mentioned “how the event has helped them to improve their problem-solving skills, increase thinking capacity, learn the art of time-management, how a problem	95.2%

can be interpreted in various ways, exposure to a competitive environment etc.”	
% of participants who strongly feel that the event should be conducted in the offline version of Paradox (May 2024) and are willing to participate again	93.3%

Some Comments (100% Un-filtered) from the feedbacks (where the student wrote in details)

Finalists

GK: “I’ve attended many technical events in various editions of Paradox. LogicLooM tops them all. Good support, amazing coordination, and overall an excellent event. Kudos to the organizers. Will be looking forward to future events”.

Debasmit: “Thanks to the organizing team for an amazing round1. The questions were intriguing. Round 2 was even better. It was challenging and fun. Was nice to collaborate with team members GK and Jayandra”

Siddharth: “Warm up questions were like jalebi! They wrapped it around twisting it multiple times. Round 2 was hard!! But it was the learning. None of my teammates knew anything in round2 but we scratched our head for 2 and a half hours and did what we could. In this process, we definitely learnt a lot. Thanks to the LogicLooM team for organizing such a great event. Had too much fun and learning.”

Other Participants

“I realized that my aptitude and problem solving skills are below par and I should work on them. So basically, it motivated me to learn even more and improve myself. This contest showed mirror to me that I lack a lot of skills. I was not able to solve most of the questions, I guess I needed more time. I hope to participate in this contest next year with an improved version of me. Thank you organizers.”

“This contest was very helpful for me as it brushed up my problem solving skills which are required in the hiring process as well as for competitive exams.”

“It helped me to understand how questions are framed and there is a trick behind questions to solve rather than doing labor work.”

“It has helped me to think in timed situations and got my mind going into overdrive.”

“Gain insights on how a single question can be interpreted in many types”

“It has helped me by showing me my weak spots. Exposing the possible areas of growth and development.”

“firstly it was very unique it is different from other exam that i have given before it helped me to think different and out of the box”

“It helped in recollecting many concepts and think in many perspectives”

“It enlightened me that I need to work on small things and improve logic and don't complicate stuff as well as think fast.”

“The contest is very thought provoking and good. It was quite interesting to do this type of problem solving”

“The overall experience was totally worth it! I enjoyed learning and solving challenging questions throughout the process.”

“My overall experience was amazing! A very fun and intriguing experience!! I love it and requesting to do again in every year and year”

“Excellent and more slots for students next time will be good”

“nice and good no suggestion everything is perfect”

“awesome work guys, the questions are well framed”

“It was refreshing to be a part of the event. a very good mental booster. surely was good.”

“Overall, it was very challenging. I guess we need to reduce the number of questions.”

“It was good to participate in this event. Want more quizzes like this.”

And many more ...

Achievements

- The 1st achievement is the overwhelming response we received from our participant community. We were able to stick to our event objectives and provide the best that we were aiming for.
- Technical success! The participants portal developed for the event proved to be successful with no glitches throughout the event, even after a good site-traffic. Various proctoring tools were implemented on the portal which makes us say with full confidence that the participant scores are fair!
- When various events were relying on simple GForms for a contest, we made it possible to apply features like navigation detection, away count time, auto-saving, auto-submission, live timer, multiple devices tracking etc. A proctor portal was developed where the team members could log in and monitor the activity logs thoroughly - which included each and every activity of the participant right from the time of landing on the site.
- Further, the portal also included a bulk evaluator and scoring tool which efficiently computed the complex evaluation procedures in just a few minutes! We were able to come up with all the analytics within an hr from the finish of round-1.

- The portal also hosted the participant performance summaries which enabled them to get a detailed view of their performance (raw scores, normalized score, percentile, rank) wrt the participant community and also made the process transparent.

Some more information...

Objectives: designed to bring together the brightest minds in programming, Maths, AI and ML

- promises a mentally invigorating experience, focuses on critical and ‘out-of-the-box thinking’, problem solving
- problems that really test the logical thinking skills, technical acumen and creativity, doesn’t require memorization or thorough knowledge on domains

One of the biggest challenges was to bring the Foundational level students under the same umbrella with those from the diploma and degree level. We were able to handle this successfully and craft problems in a way which didn’t require the participants to show their coding prowess in the preliminary round.

On the request of our participants, we provided them with a freshly-brewed thought-provoking warm-up round that had a blend of coding logic with aptitude challenges. One may not have the textbook definition of a Python method or a ML algorithm at their fingertips, yet find themselves unraveling the problem with finesse. The magic lies in the ability to forge connections with logic, whatever be the domain!

We tried to maintain the same difficulty level of the problems in both the days by categorizing problems into Easy, intermediate and difficult and keeping the same count of categories in both sessions, in order to ensure that we are able to rank all the participants in a fair way and compare their performance on the same scale, we normalized the raw scores using the G-score method. Further, the percentiles were computed as we had to judge them on a relative basis from which we came up with the ranks. In the case of same percentiles, less time duration for round1 attempt was used as a tie-breaker.

The Finals!

The finals witnessed a challenging 5-hour time-frame where the finalists had to collaboratively work in assigned teams on a complex real-life AI-ML problem statement. This was an open-book round where they were free to look up online contents, tutorial videos, books. We also provided them a quality resource handbook which they mentioned to have been helpful. We believe that collaboration and online learning are essential and a good way to solve a DS related question. Teams had to work on any one of the 2 challenges - multi-class classification on a partly code-mixed Malayalam news article dataset and a clustering problem from the Stanford Open policing project & then present their codes and a presentation report. The rubrics followed for evaluation were 50% code (models, innovativeness, clarity in code, steps followed etc) and 50% presentation.

Our Finalists

NAME	PERCENTILE	LEVEL
SAMUDRANEEL SARKAR	100	Foundational
MOHAMMAD AHMADULLAH KHAN	99.52830189	Foundational
SANJITHA S	99.05660377	Foundational
VAIDEESWARASUBRAMANIAN K	98.58490566	Foundational

GK	97.87735849	Diploma
PAURAVI CHANDRASHEKHAR VINCHURKAR	97.87735849	Foundational
DEBASMIT MOHANTY	97.16981132	Diploma
DEBAPRIYO SAHA	96.69811321	Degree
SUDHANSHU SHEKHAR	96.22641509	Foundational
SIDDHARTH ROY	95.51886792	Foundational
NEET SHETH	95.51886792	Foundational
ATHARV SHARMA	94.5754717	Foundational
HARSHIT MIGLANI	94.5754717	Foundational
JAYANDRA L	93.86792453	Diploma
SAMYUKTHA J	93.16037736	Foundational
RASHIFA	93.16037736	Foundational
HIMANSHU GARG	92.45283019	Foundational
S. THARUN	91.27358491	Foundational

Our Achievers

Winning Team (Finale Points: 84)

GK (Team-lead)
DEBASMIT MOHANTY
JAYANDRA L

Runner-Up (Finale Points: 75)

VAIDEESWARASUBRAMANIAN K (Team-lead)
PAURAVI CHANDRASHEKHAR VINCHURKAR
DEBAPRIYO SAHA
