



LUMS
STUDENTS
MATHEMATICS
SOCIETY



LUMS

Co-Curricular
Activities Office

integration



LSMS PRESENTS

INTEGRATION BEE

INVITE

8TH NOV 2025



ABOUT LSMS

The LUMS Students' Mathematics Society (LSMS), proudly recognized as the largest student-run mathematics society in Pakistan, has remained committed to fostering a love for mathematics. Over the past decade, LSMS has established itself as a hub for mathematical exploration, education, and competition. Each year, the society brings together hundreds of passionate delegates from across the nation, creating a platform for students to challenge themselves, showcase their talents, and connect with like-minded individuals.





WHAT IS INTEGRATION BEE?

The Integration Bee is one of the flagship competitions of the LUMS Students' Mathematics Society. Designed in the format of a traditional spelling bee, this event challenges participants to solve integrals under time constraints in a competitive, elimination-based setting. The problems range in difficulty, allowing students to demonstrate both speed and depth of understanding. By emphasizing accuracy, quick thinking, and mathematical reasoning, the Integration Bee highlights LSMS's commitment to promoting excellence in problem-solving and cultivating a culture of academic rigor.



WHY SHOULD YOU PARTICIPATE?

The Integration Bee offers college and university students a prestigious platform to demonstrate their mathematical talent against some of the greatest minds in the world. It challenges participants to think under pressure, apply advanced calculus concepts with speed and accuracy, and refine their problem-solving abilities in a competitive setting. Beyond the thrill of the contest, the event provides recognition among peers, fosters academic confidence, and celebrates the pursuit of mathematical excellence at the highest level.





EVENT STRUCTURE

Integration bee is a fun challenging event where students solve challenging integral problems within a set time limit. It will follow a Swiss-style tournament followed by knockout rounds where participants go head to head until a winner emerges.

The problems would range from simple, single variables to more complex problems, often requiring advanced techniques like substitution, partial differentiation, and trigonometric identities. It is an engaging way to build calculus skills, foster friendly competitions and sparks interest in mathematics.

Team size : 1 (Individual)





ROUND STRUCTURE

Qualifiers

A Swiss style tournament - players will compete in multiple rounds without elimination and will be paired in each round with opponents based on previous round results

Approximately 3 minutes match

Top 16 will compete and put through elimination round

Quarter Finals

Knock out rounds

Approximately 8 minutes match

Semi Finals

Best of 3

Finals

Best of 5

PRIZE POOL

PKR
20,000



EARLY BIRD REGISTRATIONS

ENDS ON 10TH OF OCTOBER

DELEGATE FEE: RS 1250/-

REGULAR REGISTRATIONS

ENDS ON 31ST OF OCTOBER

DELEGATE FEE: RS 1500/-

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Thank you!

