

Call for Research Papers for Various Prizes to be given by the Indian Mathematical Society (IMS) in the year 2024

In order to encourage and inspire the young and budding researchers in mathematics, the IMS organizes a Special Session of Paper Presentation Competition during its Annual Conferences for various Prizes to be awarded to the best research papers presented in different categories. This Special Session is organized as a part of the Academic Programme. Each of the eight prizes listed below carries a Certificate and a Memento. Interested researchers should submit their research papers (in pdf format), Abstract (not exceeding 250 words, in tex and pdf format), proof of age and CV along with the covering letter to The Academic Secretary, IMS via e-mail: acadsecrims@gmail.com. The last date of receiving applications is **August 15, 2024**. The details of the prizes, groups and areas are as follows:

- (1) A. M. U. Prize:** Algebra, Differential Geometry and Functional Analysis.
- (2) V. M. Shah Prize:** Real Analysis, Complex Analysis, Fourier Analysis, Harmonic Analysis, Approximation Theory and related areas.
- (3) IMS Prize-group-1:** Discrete Mathematics (Combinatorics, Graph Theory, Posets), Lattice Theory, Set Theory, Logic, Number Theory and related areas.
- (4) IMS Prize-group-2:** Geometry, Algebraic Geometry, Topology, Algebraic Topology, and related areas.
- (5) IMS Prize-group-3:** Measure Theory, Probability Theory, Stochastic Processes, and related areas.
- (6) IMS Prize-group-4:** Differential / Integral / Functional equations and inequalities, Special Functions, Numerical Analysis and related areas.
- (7) IMS Prize-group-5:** Solid Mechanics, Fluid Mechanics, Electromagnetic Theory, Magneto-Hydrodynamics, Astronomy, Astrophysics, Relativity and related areas.
- (8) IMS Prize-group-6:** Operations Research, Optimization, Computational Mathematics, Information Technology, Bio-mathematics, History of Mathematics and related areas.

Terms and Conditions for the applicants to participate in the Competition:

1. Only the Members of the Society are eligible for participation in the Competition.
2. The paper should be under the authorship of at most two authors and at least one of them should be below the age of 40 years as on 31st December 2024. However, the papers under single authorships will be preferred.
3. (i) The author(s) should give a declaration that the work is unpublished and has not been submitted for competition anywhere else.
(ii) The work must have been carried out in India.

Prof. M. M. Shikare
General Secretary, IMS