

## IMS Awards -2021 Announced

1. **A.K.Agarwal Award -2021** has been given to Arjun Paul and Ronnie Sebastian of IIT, Bombay, jointly for their paper entitled ‘Fundamental group schemes of Hilbert scheme of n-points on a smooth projective surface’,  
Bull. Sci. Math. 164 (2020) 102898 DOI: 10.1016/j.bulsci.2020.102898 . The award consists of Rs 10,000 (Rs. 5,000 each) and a citation. The Award is given every year to a young mathematician for the best paper published in the areas of Number Theory, Combinatorics, Discrete Mathematics, Analysis and Algebra.
2. **A.M.Mathai Award -2021** has been given to Manil T. Mohan Department of Mathematics, IIT Roorkee, Uttarakhand for his paper entitled ‘Well-posedness, large deviations and ergodicity of the stochastic 2D Oldroyd model of order one’ Stochastic Processes and their Applications, 130 (2020) 4513-4562, DOI: 10.1016/j.spa.2020.01.007. The award consists of Rs 25,000 and a citation. The award is given every year for the best paper in applicable mathematics having applications preferably in Physical Sciences, Biological and Medical Sciences, Social Sciences, Probability and Statistics etc.
3. **Subhash Bhatt Award -2021** has been given to Arpita Mal and Kallol Paul, Department of Mathematics, Jadavpur University, Kolkata, jointly for their paper entitled ‘Characterization of k-smooth operators between Banach spaces’, Linear Algebra and its Applications, 586 (2020) 296-307, DOI: 10.1016/j.laa.2019.10.013. The Award consists of Rs 25,000 (Rs 12500/- each) and a citation. The award is given every year for the best paper in areas of Functional Analysis/ Harmonic Analysis/ Operator Theory and related areas.
4. **P.K.Jain Award-2021** has been given to Perumal Muthukumar, Statistics and Mathematics Unit, Indian Statistical Institute, Bangalore, and Saminathan Ponnusamy, IIT Madras jointly for their paper ‘ Composition operators on Hardy spaces of the homogenous rooted trees’,

Monatshefte für Mathematik (2020) 192:721–743, DOI: 10.1007/s00605-020-01410-x. The award consists of Rs 25, 000 (Rs 12,500 each) and a citation. The award is given every year for the best paper in the areas of Functional Analysis/ Complex Analysis/Harmonic Analysis/ Function Theory and related areas.

5. **Satish Bhatnagar Award-2021** The award consists of Rs 10,000 and a citation. It is given for the best paper published in areas of History of Mathematics in India focusing on a person/ problems/ region/system of education/ government.

No one was found suitable for this award this year.