

The Two day National Conference (5-6th May 2023) on the theme 'Recent Advances in Mathematics' being sponsored by DGHE, Haryana has come to an end. During these two days of the conference there were participants from 4 different states and 1 Country, Ethiopia and 19 Institutions. 105 participants took part in this conference from all over the country and abroad. The Conference aimed to provide an opportunity for researchers, scholars and professionals to exchange knowledge and ideas about the latest research developments in the field of Mathematics.

In the Inaugural Session, Prof. Babu Ram, Former HOD, Mathematics, Maharishi Dayanand University, Rohtak was the Chief Guest and Prof. S.K Chakarvarti, Former Professor and Dean Academics, NIT Kurukshetra was the guest of Honor. Principal Dr. Krishan Kant chaired the Inaugural Session and told that our students will get exposure to new research in the field of Mathematics through this conference. Prof. Gopal Datt (PGDAV College, Delhi University) delivered the keynote address. He spoke about the role of mathematics in various streams and discussed the rich history of mathematical contributions in India. He vividly described the fact that the contributions of Indian mathematicians are far behind times, but the world is still exploring the framework they created. On the first day of the conference, there were 3 invited talks in different technical sessions. Today on the concluding day, there were 6 invited talks. The second day had 2 technical sessions and 3 parallel oral presentation sessions. The first technical session was chaired by Dr. K.L Kaushik (Convener & HOD Maths) and co-chaired by Dr. Mamta Thakur (Org. Secretary & Asstt. Prof. Maths). Dr. Mansaf Alam, Department of Computer Science, JMI, Delhi delivered his invited talk on "Application of Mathematics in Machine Learning". He spoke about how Mathematics especially Linear Algebra, Statistics and Multivariable Calculus is used in Machine Learning. Prof. Mohd. Yahya Abbasi, Department of Mathematics, JMI, Delhi spoke on "Some Characterization of Γ - semihypergroups by soft algebraic Hyper structures". Dr. Naresh Kamra spoke on "Heuristic Approach for real time flow shop scheduling under fuzzy environment". In the next Technical Session, Prof. Mansaf Alam was the chairperson and Prof. Mohd. Yahya Abbasi was the co-chairperson. Prof. S. K Kaushik, Department of Mathematics, KMC, University of Delhi delivered his invited talk on "An update on Frames in Banach Spaces". Dr. Raksha Sharma, Department of Mathematics, KMC, University of Delhi spoke on "Application of Frames in Quantum Information Theory". Prof. Mohd. Javed Idrisi, Associate Professor, Mathematics, Mizan Tepi University, Ethiopia spoke on "Circular Restricted Three Body Problem". Three parallel oral presentations were chaired by Prof. S.K Kaushik, Prof. Pooja Bhatia, Ms. Mithlesh Gupta (Department of Mathematics, SMM Palwal) and Co-chaired by Ms. Neha Goel, Dr. Raksha Sharma, Ms. Amrita Aggarwal, (Department of Mathematics, SMM Palwal)

In the Valedictory session Prof. R.S Goel, Former Principal, Aggarwal College Ballabgarh was the Chief Guest and delivered the Valedictory Address. He expressed that

such gatherings provide opportunities to researchers. He expressed gratitude to Principal Dr Krishan Kant for inviting him on this occasion. He also congratulated Dr K.L. Kaushik and Dr. Naresh Kamra for this wonderful conference. He was quite confident that Aggarwal College will go on organising such conferences in future also so that new teachers get motivated for research. He told that there is need of genuine research in Mathematics and he was very confident that young researchers are very much capable of bringing out new ideas in the area of mathematics. Prof. S.K Kaushik, Dr. Javed Idrisi and Prof. Mansaf Alam were the guest of honor. Principal Krishan Kant Gupta (Chairperson of the session) welcomed the Chief Guest and other dignitaries and told that this conference has been a great success and our students and delegates are feeling enriched because of interaction with researchers from different parts of country and abroad. After that, Principal Dr. Krishan Kant Gupta along with Dr. K.L Kaushik presented certificates to a few participants. There was a feedback talk of the Conference from some of the delegates.

Ms. Priya Arora, Org. Secretary, briefed the gathering about the two day programme. In the end Dr. Naresh Kamra, Deputy Convener of the Conference proposed the vote of thanks.