

One day National Conference on Role of ICT in Mathematical Computation (NCRICTMC-23)

One day National Conference on "**Role of ICT in Mathematical Computation (NCRICTMC-23)**" a multidisciplinary conference was organized by Department of Computer Science of Aggarwal College Ballabgarh, approved by DGHE. The conference was held on May 16, 2023, in a hybrid mode to accommodate physical and virtual participation under the guidance of Patron & Principal Dr. Krishan Kant Gupta and Co-Patron Dr. Sanjeev Kumar Gupta (Incharge Wing-III). The conference aimed to comprehend the notion of ICT has revolutionized the field of mathematical computation, making it faster, more accurate and more accessible than ever before, in today's world, ICT plays a vital role in every aspect of mathematical computation from data analysis and modelling to numerical simulation and optimization. The Conference featured keynote addresses, invited talks, Paper presentations and E-book proceedings. The stage secretary of inaugural session was Ms. Poonam Sharma and session started with chief guest and keynote speaker, Prof. Rajender Singh Chillar, M.D.Univ. Rohtak who is a founder member of the Department of Computer Science & Applications, University Institute of Engineering & Technology (UIET), and University Computer Centre (UCC), MDU, Rohtak. He was welcomed by The Chairperson, Dr. Krishan Kant Gupta, Principal of the college. He motivated all the participants and explained how ICT became an integral part of the education system. Prof. Chillar emphasized on the "**role of Information Communication Technology (ICT) For Social Economic Growth of Society**". The first technical session was chaired by Dr. Rashmi Popli, J.C. Boss US&T, YMCA Faridabad and Dr. Ihtiram Raza Khan, Jamia Hamdard University, New Delhi, delivered an invited talk on Emerging ICT tools of computational Research. He concluded that the use of emerging ICT tools in computational research has revolutionized the way research is conducted. These tools have increased the accuracy and efficiency of research while reducing the time and cost required. The adoption of these tools is necessary for researchers to stay competitive and produce high-quality research output and the second invited talk was given by Prof. (Dr.) Parul Gandhi, Manav Rachna International Institute of Research & Studies on Digital Transformation and ICT Opportunities. She concluded that digital transformation has created new opportunities for ICT sector growth and innovation. Emerging technologies such as the Internet of Things, Big Data Analytics, and Cloud Computing provide new opportunities for businesses to improve efficiency, reduce costs and enhance customer experience through digital solutions. The second technical session was chaired by Prof. (Dr.) Parul Gandhi, Manav Rachna International Institute of Research & Studies and the stage secretary was Ms. Jyoti Gupta. The third technical session was chaired by Dr. Ihtiram Raza Khan, Jamia Hamdard University, New Delhi and invited talk was given by Ms. Rashmi Popli, Assistant Professor, J.C. Boss US &T, YMCA Faridabad; and she delivered talk on Moving towards AI-Powered Agile. She concluded that the integration of Artificial Intelligence (AI) in Agile methodologies has the potential to transform software development processes. AI-powered Agile facilitates faster and

better decision-making, improves project management, and enhances the overall development process. The adoption of AI in Agile can lead to higher productivity, efficiency, and customer satisfaction and the stage secretary of this session was Ms. Nisha Choudhary. The chairperson of fourth technical session was Dr. Sachin Garg, Head Department of Computer Science, Aggarwal College Ballabgarh and stage secretary was Ms. Shilpi Goyal.

In valedictory function the chairperson was Dr. Krishan Kant Gupta, Principal of Aggarwal College Ballabgarh and Chief Guest was Prof. S.K. Chakarvarti, Former Head and Dean Academics, NIT Kurukshetra and summary of conference was presented by Ms. Mohini Verma and vote of thanks was presented by Dr. Vineet Nagpal. In this conference we have 125 delegates from 10 Universities and 17 Colleges and 2 Corporates participants and 25 oral presentations from all over the country. This conference was organized under the Convenorship of Dr. Sachin Garg, Organizing Secretary Ms. Mohini Verma and Dr. Vineet Nagpal and all Staff members of the Computer science department of Aggarwal College Ballabgarh.