

## **Brief Report on ICoRE-G 26 & Support from ASFC**

**All India Congress of Genetics & Genomics (AICGG) organized an *International Conference on Organismal and Environmental Genomics (ICoRE-G 26)* at the **Birla Institute of Technology (BIT), Mesra, near Ranchi** on **5–6 January 2026**. The conference was jointly organized by **BIT Mesra** and **Archana Sharma Foundation of Calcutta (ASFC)**. ICoRE-G 26 received support from the **Anusandhan National Research Foundation (ANRF)** and the **National Academy of Sciences, India (NASI)**.**

The conference aimed to provide an interdisciplinary platform for researchers, academicians, clinicians, and students to discuss recent advances in **genetics, genomics, Biotechnology, environmental sciences, and precision medicine**. The scientific programme constituted of 5<sup>th</sup> Prof. **Arun Kumar Sharma Memorial Oration**, 10<sup>th</sup> Prof **G K Manna Memorial Oration**, plenary lectures, distinguished and invited lectures, oral presentations and poster sessions. Prof. Arun Kumar Sharma Memorial Oration was given by **Dr. Suchitra Banerjee, CSIR-Central Institute of Medicinal & Aromatic Plants, Lucknow**. Prof. **G.K. Manna Memorial Oration** was presented by **Dr. Usha Vijayraghavan, Indian Institute of Science, Bengaluru**.

Eminent scientists delivered plenary and invited talks covering diverse themes such as **functional genomics, conservation genomics, multi-omics approaches in cancer, genomically informed therapies in neurological and psychiatric disorders, molecular breeding for food security, antimicrobial resistance, and environmental genomics**. The sessions highlighted the growing role of genomics in **healthcare, agriculture, biodiversity conservation, and environmental sustainability**.

A large number of oral and poster presentations were organized under thematic tracks including **Organismal Genomics, Environmental Genomics, Method Development, and Medical & Pharmaceutical Genomics**. Young researchers and students actively participated, presenting innovative research involving **CRISPR/Cas technologies, toxicogenomics, metagenomics, nanobiotechnology, AI/ML-based approaches, and disease genomics**.

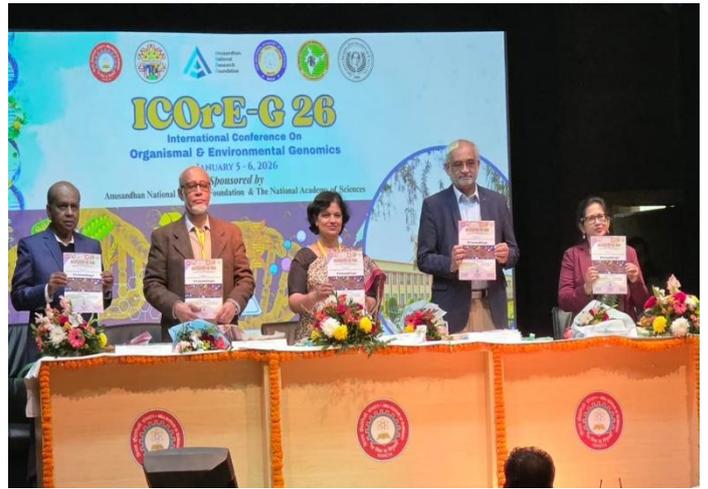
Overall, ICoRE-G 26 successfully fostered scientific exchange, encouraged interdisciplinary collaborations, and emphasized the translational potential of genomics in addressing global challenges. A total of 150 individuals attended the conference. The conference significantly contributed to strengthening research networks and promoting future directions in organismal and environmental genomics.

The conference was preceded by **22<sup>nd</sup> Annual General Meeting** of AICGG on **4<sup>th</sup> January, 2026 at the BIT Mesra Campus**. The meeting was held in a hybrid mode with both online and virtual participation. Attendees of the meeting included the President, Vice President, Secretary, Life Members and the members of the Executive Committee of AICGG. The organization's activities and committee's financial status for the 2024–2025 financial year had been presented by the secretary, Dr. Pritha Bhattacharjee. The activities and audit for FY2024–2025 had been reviewed and passed. **AICGG thankfully acknowledged the financial support of Rupees One Lakh from ASFC towards Oration lecture for the 5<sup>th</sup> Prof. Arun Kumar Sharma Memorial Lecture and the conference, in general**. New members were introduced and formally enrolled as Life Members of AICGG. The meeting ended with Vote of Thanks from the President, AICGG.

Papers presented in the conference will be published in **Springer Nature Journal “The Nucleus”** following peer-review system. Thematic issue 2026: **“Advances in Organismal & Environmental Genomics.”**



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[1. AGM on 4<sup>th</sup> Jan; 2. Abstract book release; 3. Lecture , 4. Life Time Achievement Award to Dr. A.K. Giri and 5. Group photo at the end]