

G N Ramachandran Lecture Series 2026

GN Ramachandran Centenary Lecture Hall

Department of Bioscience and Biotechnology

Indian Institute of Technology Kharagpur

Program Schedule

Day 1: October 12	
2:30 pm – 3:30 pm	Registration @ Department of Bioscience and Biotechnology
3:30 pm – 3:35 pm	Welcome address by Prof. Ranjit P. Bahadur , Coordinator, BIC, IIT KGP
3:35 pm – 3:45 pm	Address by Prof. Pinaki Sar , Head, Dept. of Bioscience and Biotechnology
3:45 pm – 3:55 pm	Address by Prof. Ramkrishna Sen , Divisional Chair: Faculty of Integrated Health Science & Technology
4:00 pm – 5:00 pm	Keynote Lecture by Prof. P. Balaram , IISc Bengaluru Title: G. N. Ramachandran and His Impact on Protein Science and Structural Biology.
5:00 pm – 5:15 pm	High Tea
5:15 pm – 6:00 pm	Invited Lecture by Prof. R Sowdhamini , NCBS Bengaluru Title: PPCheck: Energy calculations and objective measure of strength of protein-protein interactions
6:00 pm – 8:00 pm	Poster Session
8:00 pm	Proceed for Dinner @ Technology Guest House
Day 2: October 13	
7:30 am – 8:30 am	Breakfast @Technology Guest House
9:00 am – 09:45 am	Invited Lecture by Prof. Michael M Gromiha , IIT Madras Title: Computational approaches for understanding and predicting binding affinities of protein complexes and their mutants
09:45 am – 10:30 am	Invited Lecture by Prof. Amit Kumar Das , IIT Kharagpur Title: Seeing the Invisible: Structural Insights into the Survival Machinery of <i>Mycobacterium tuberculosis</i>
10:30 am – 10:45 am	Tea Break
10:45 am – 11:30 am	Invited Lecture by Prof. Dinesh Gupta , ICGB New Delhi Title: AI-assisted Medical Image Interpretation: Insights from Pathology and Ophthalmology
11:30 am – 11:50 am	Short Talk by Dr. Amita Barik , NIT Durgapur Title: Investigating conformational transitions in intrinsically disordered regions upon binding to proteins and nucleic acids

11:50 am – 12:10 pm	Short Talk by Dr. Priyajit Banerjee, Swami Vivekananda University Barrackpore Title: Reinventing the Golden Alkaloid: Altered Formulations for Ancient Therapeutics
12:10 pm– 12:30 pm	Short Talk by Sonali Chatterjee, IIT Kharagpur Title: Role of ligand-dependent conformational modulation of TNPO3 HEAT-repeat solenoid in nuclear import
12:30 pm – 2:00 pm	Lunch @ Technology Guest House
2:15 pm – 3:00 pm	Invited Lecture by Prof. Kartiki V. Desai, NIBMG Kalyani Title: Protein- Protein interactions that influence the breast cancer transcriptome
3:00 pm – 3:45 pm	Invited Lecture by Prof. Shubhra Ghosh Dastidar, Bose Institute Kolkata Title: Allosteric and Inhibition: Mechanistic Insights from Computation
3:45 pm – 4:00 pm	Tea Break
4:00 pm – 4:20 pm	Short Talk by Dr. Jit Mukherjee, BIT Mesra Title: Weighted Gene Co-expression Network Analysis of Transcriptomic Drivers of Organ-Specific Metastasis in Breast Cancer
4:20 pm – 4:40 pm	Short Talk by Subhasis Datta, IIT Kharagpur Title: Uncovering the landscape of functional transition and plasticity in the tumor microenvironment
4:40 pm – 5:00 pm	Short Talk by Dr. Subhajit Ghosh, North Bengal University Title: Multi Omics Deep Learning Identifies MAOB and ANO1 as Prognostic Biomarkers and Prioritizes Voglibose in Hepatocellular Carcinoma
5:00 pm	Announcement of Poster Results & Concluding Remarks
5:30 pm	Snacks and Departure