

**DAY 2 SESSION – V**  
**11:00 a.m. – 12:00 noon**

**HALL 5 (SEATING CAPACITY 263)**

**Theme: NIH translational research show case.**

**Chair person :**

**Dr. Pralay Sharma, Director, NIH**

Dr. Pralay Sharma is a distinguished homoeopathic physician and currently serves as Director of the National Institute of Homoeopathy (NIH), Kolkata. With nearly 30 years of professional experience, he has progressed from a Medical Officer in 1997 to leading one of India's premier homoeopathic institutions. He holds an MD (Hom) from JRN Rajasthan Vidyapeeth (2006) and a BHMS from the University of Calcutta (1996), along with a PG Diploma in Hospital Management and certification in Leadership Development. Dr. Sharma has demonstrated strong administrative and academic leadership, notably serving as Deputy Medical Superintendent (I/C) for eight years. Under his guidance, NIH achieved and continues to maintain NABH accreditation since 2019. An active researcher, he has published papers on clinical conditions such as pituitary macroadenoma and public health concerns including COVID-19 and nicotine dependence. His vision is to transform NIH into a global leader through digital innovation and expanded research initiatives.

**Prof.(Dr.) Avijit Shee Burman, HoD, Dept of FMT, NIH, Kolkata**

Prof.(Dr.) Avijit Shee Burman is the Professor & HoD of Dept. of Forensic Medicine & Toxicology at National Institute of Homoeopathy, Kolkata, with 29 years' of teaching experience. He had been acting as Examiner, Paper setter, Moderator, Scrutinizer, Validator and Head Examiner in FMT under The West Bengal University of Health Sciences.

He is also a PG Examiner-cum-Guide for Post Graduate students in the subject of Case Taking & Repertory. He is also acting as Paper Setter and Moderator in different All India recruitment examinations as also as an External Examiner of different Universities across the country.

He is serving as the Chief Vigilance Officer of NIH since more than 4 years and had shouldered administrative responsibilities like Joint Director, CPIO also.

He had remained as Resource Person in various seminars and webinars including WHD programmes in 2024 & 2025. He has number of scientific publications too including in PubMed.

**Convenor : Dr Jitendra Kumar, Associate Professor, NIH,**

Dr. Jitendra Kumar is an Associate Professor in the Department of Case Taking & Repertory at the National Institute of Homoeopathy, Delhi, an autonomous institute under the Ministry of AYUSH, Government of India. He completed his B.H.M.S. and M.D. (Hom.) from the National Institute of Homoeopathy, Kolkata, under the University of Calcutta and The West Bengal University of Health Sciences respectively. He has over a decade of academic, clinical, and administrative experience in homoeopathic education and healthcare. He served as an Assistant Professor from 2014 to 2024 and is presently holding the post of Associate Professor and additional administrative responsibility. Dr. Kumar has published several research articles and presented scientific posters in academic forums. He is also actively involved as an examiner for undergraduate and postgraduate examinations in various health sciences universities across India. His key areas of

expertise include case taking, repertory, postgraduate teaching, research guidance, and academic administration.

Presenters:

**1. Dr. Raja Manoharan, Professor & HoD, NIH, Kolkata**

Anticancer activity of Homoeopathic preparation of Sanguinaria canadensis on human colorectal cancer cell-an in vitro study.

Dr. Raja Manoharan, Professor, Dept. of Homoeopathic Pharmacy, National Institute of Homoeopathy (NIH), Kolkata, completed his undergraduate and postgraduate in Vinayaka Mission's Homoeopathic Medical College & Hospital, Tamil Nadu. He consistently upholds excellence in both academic and clinical domains while providing exemplary administrative leadership. He has 22 years of professional experience and 16 years of teaching experience, and has presented many papers in national seminars and published more than 20 articles in national and peer-reviewed journals. He has conducted 04 (Four) Covid-19 projects as a Principal Investigator and Co-investigator. Currently conducting 03 Collaborative research project as a Co-investigator.

As a part of administrative leadership, Dr. Raja Manoharan is acting as the Herbal Garden in Charge and Ayush grid Nodal officer at NIH, Kolkata. Dr. Raja Manoharan is one of the members of the Homoeopathy section Committee in Bureau of Indian Standards.

He has conducted 04 (Four) Covid-19 projects as a Principal Investigator and Co-investigator. Currently conducting 03 research project as a Co-investigator.

Presently, he is pursuing a PhD (Homoeopathy) in Homoeopathy at West Bengal University of Health Sciences, to further enhance his research and academic domain.

**2. Dr. Kumaravel V, Professor, NIH, Kolkata**

Topic-Evidence based on homoeopathy medicine through preclinical evaluation.

Dr. Kumaravel V, Professor and Head of Pathology and Microbiology at the National Institute of Homoeopathy, Kolkata, holds an MD in Homoeopathy (Materia Medica) and an MSc in Microbiology. With over 23 years of experience, he has served as Lecturer, Reader, and Associate Professor. His expertise includes pathology, microbiology, and homoeopathic drug research. His research interests are anti-inflammatory, anti-microbial activity, phytochemical analysis, and in vitro, cell line and in silico studies of homoeopathic medicines. His project on "Understanding the mechanistic pathways of Homoeopathy medicine Cinchona (3C, 6C&12C) through in vitro study for their potential application as anti-viral drug to fight against COVID-19" was accepted by the Ministry of Ayush during COVID-19. He authored over 25 papers in esteemed journals. Dr. Kumaravel is a NABH Assessor and held key roles at NIH, including AO cum DDO, Educational Officer, and Acting President, Student Council. He is active in national academic and research initiatives.

**3. Dr. Swapan Paul, Associate Professor, NIH, Kolkata**

Homoeopathy from Benchside to Bedside- A Translational Research in Dyslipidemia.

Dr. Swapan Paul is a distinguished Associate Professor in the Department of Homoeopathic Materia Medica at the National Institute of Homoeopathy (NIH), Kolkata, and an alumnus of the University of Calcutta. With 25 years of professional and 18 years of teaching experience, he has

built a career marked by clinical excellence and administrative leadership. Currently a PhD scholar at Parul University, his background includes service as a Government Medical Officer in West Bengal and as a faculty member at JNHMCH, Vadodara.

As the Academic In-Charge (PG) at NIH, Dr. Paul expertly coordinates educational policies, seminars, and CMEs. His national leadership is evidenced by his role coordinating Pharmacovigilance for the Ministry of Ayush and his membership on the Special Committee for Literary Research (CCRH) and the NCH PG Syllabus Committee. An Assistant Editor for the *Journal of Homoeopathy*, he is a prolific researcher and mentor who has received the Allen's Homoeo Excellence National Award (2018) and the LMHI Outstanding Poster Award (2021).

#### **4. Dr. Laxmi Mahto, Assistant Professor, Dept. of Pathology & Microbiology, NIH**

Antimicrobial Resistance: Need for Integrative Approaches including Homoeopathy

Dr. Laxmi Mahto is an Assistant Professor in the Department of Pathology and Microbiology at the National Institute of Homoeopathy, Kolkata. She holds a BHMS and MD (Homoeopathy) with specialization in Practice of Medicine. With a strong academic and research orientation, she has experience in teaching, clinical practice, and regulatory consultancy. She has served as Consultant and Senior Technical Consultant (Homoeopathy) at the National Commission for Homoeopathy and as Assistant Professor in Forensic Medicine and Toxicology at SHMC, Solan. Her research focuses on evidence-based evaluation of homoeopathic medicines and integrative approaches in healthcare. She is committed to advancing scientific validation of homoeopathy through preclinical and interdisciplinary research.

*Rapporteur: Dr. K K Rathibha, Assistant Professor, Case Taking And Repertory, NIH, Delhi*

