

Colloquium Lecture held at CSIR-NEIST

The Colloquium Lecture was held at CSIR-NEIST on 5 December 2017 at Dr. J N Baruah Auditorium. The programme was organized by the collegiums of CSIR-NEIST. The chief guest Dr. Anirban Bandyopadhyay is a senior scientist from National Institute for Materials Science (NIMS), Tsukuba, Japan. The function was presided over by Dr. D Ramaiah, Director, CSIR-NEIST delivered the welcome address. Dr. Bandyopadhyay spoke about his journey as a Scientist and Technologist in the field of Bioelectronics and Drug Development. Dr. Bandyopadhyay also spoke about his journey of foundation of the International Institute of Invincible Rhythm (IIoIR) in Shimla, Himachal Pradesh. He also inspired the scientists particularly the younger researcher to strive in becoming an aspirer and innovator by choosing the right research problems and zeal to innovate. He also motivated the mentors to inculcate scientific aspiration among the students.

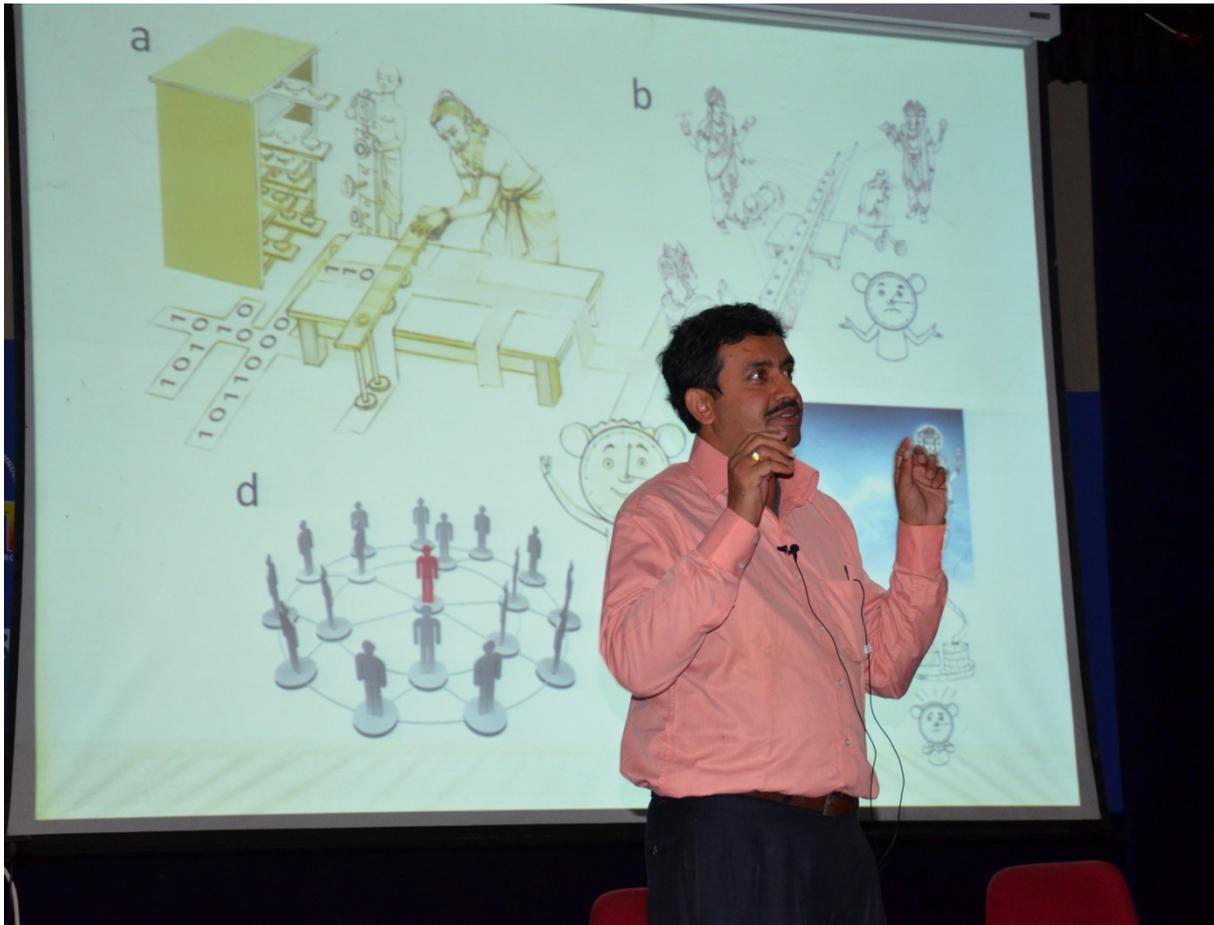
Delivering the Scientific Lecture on the topic 'Drugs of the future: a journey from single nano-bot to a programmable machine', he very lucidly explained some of the state-of-the-art research areas and the paradigm shift towards the advancement of Artificial brain building, Musiceutical drugs, Modern Neuroscience & Time-fractal. With a rich background in Physics, he narrated his successful research in Nano-bot drug synthesis which would directly influence the concept of the drug for the future. In his own words 'Imagine in a distant future we need to engineer nanomachines that would be programmed to interact with fatal molecular parts and correct errors and thus cure diseases. Understanding the protocol of protein's resonant oscillations, how its natural vibration looks like is the first step, while, designing an artificial organic nano-machine to operate following the same language of protein is another step. We carried out step by step and a rigorous research in both the directions to develop a non-chemical purely physical cure of diseases for the futuristic medical science. Vibration-based treatment hold several promises and we are unfolding it gradually.'



Dr D Ramaiah, Director, CSIR-NEIST delivering his welcome speech.



Chief guest Dr Anirban Bandyopadhyay was felicitated in a traditional manner by Dr D Ramaiah, Director, CSIR-NEIST.



Dr Anirban Bandyopadhyay, NIMS, Japan delivering the Colloquium Lecture on 'Drugs of the future: a journey from single nano-bot to a programmable machine'.