

# One Day International Webinar on

## **Possibility of Making an Artificial Human Brain**



**Anirban Bandhyopadhyay,  
Principal Research Scientist in  
National Institute for  
Materials Science (NIMS)  
Tsukuba, Japan**

Organized by  
Department of Physics  
in collaboration with  
IQAC, Hooghly Mohsin College  
Chinsurah, Hooghly, W.B.

Date : Saturday, 24 July  
Time : 11:00 a.m. – 12:30 p.m. (IST)

❖ Webinar link :

**[CLICK HERE TO JOIN THE MEETING](#)**

❖ Maximum limit of participants in Google Meet is 250

❖ E-certificates will be issued to the participants only after successful submission of Feedback form at the end of the Webinar

**Convenors:**

**Dr. Goutam Kumar Paul (gkpaul76@yahoo.co.in)  
Prof. Tirtha Pratim Adhikary (iamtirtha79@gmail.com)**

# ***Speaker's Bio-data:***

Anirban Bandyopadhyay is a Principal Research Scientist at the National Institute for Materials Science (NIMS), Tsukuba, Japan. Ph.D. in IACS, Kolkata, 2005. 2005-2008 ICYS research fellow at ICYS, NIMS, Japan. In 2008, joined as a scientist at NIMS, working on design-synthesis of brain-like organic jelly, written a book "Nanobrain: The making of an artificial brain from a time crystal", 2020. 2013-2014 visiting scientist at the Massachusetts Institute of Technology (MIT), USA. Hitachi Science and Technology award 2010, Inamori Foundation award 2011-2012, Kurata Foundation Award, and Sewa Society international member, Japan.

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## ***Brief Abstract of the DeLiberation:***

A baby looks at a cat once, thereafter can recognize all cats of the planet. Not just that, the baby can analyze all four legged animals without training. How could we design an organic material that could replicate elementary features of a neuron, its components, then self-assemble neuron analogs into an organic jelly? The futuristic computers will not be relying on extensive software as we find a way to use natural vibrations of materials as periodic loops of vibrations that would replace the existing concept of algorithm by coding. Nested loops of vibrations could act like an algorithm and, driven by Hasse law, they would build an analog of complex algorithms. I would describe a futuristic robotic brain that works by itself.

# *Provisional Programme Schedule*

- *11.00am-11.10am. Welcome Address. Dr. Purushottam Pramanik, Principal, Hooghly Mohsin College (WBSES)*
- *11.10am-11.15am. Introductory Remarks. Dr. Jayanta Mandal, HOD, Department of Physics, Hooghly Mohsin College*
- *11.15am-12.15pm. Deliberation and Interaction. Dr. Anirban Bandyopadhyay Principal Research Scientist, NJMS, Japan*
- *12.15pm-12.30pm. Vote of Thanks. Dr. Madan Mohan Majumdar, Department of Physics, Hooghly Mohsin College*
- *The program will be hosted by Prof. Tirtha Pratim Adhikary Department of Physics, Hooghly Mohsin College*

# *Advisory Committee:*

*Dr. Jayanta Mandal (HOD, Department of Physics)*

*Prof. Kumaresh Chakraborty*

*Dr. Madan Mohan Majumdar*

*Dr. Bimal Kumar Mondal*

*Dr. Uday Das*

*Prof. Himangshu Barman*

*Prof. Sanjib Ghosal*

*Prof. Brahami Das*

**Technical Support by :**

**Prof. Tanay Naskar**

**Assistant Professor,**

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