

Conference Report

Report of “9th Nabanita-Satish Chandra Biswas Memorial Lecture and 6th Dr. Murali Mohan Biswas Memorial Lecture” Organised by ISEC, Kolkata on July 09 2022

After overcoming more than two years of pandemic situation due to COVID-19, on 09.07.2022, ISEC, Kolkata has successfully organized “9th Nabanita-Satish Chandra Biswas Memorial Lecture 2022” and “6th Dr. Murali Mohan Biswas Memorial Lecture 2022” in offline mode in the Conference Room of Birla Industrial & Technological Museum (BITM), 19A, Gurusaday Dutta Road, Kolkata 700 019. The programme started with the welcome speech of Prof. Santanu Das, the Secretary, Institute of Science, Education and Culture (ISEC). He expressed his sincere gratitude to the audience and all ISEC members attending the seminar. Then he invited Prof. Anil Kumar Ghosh, the President, ISEC to inaugurate the programme. In the inaugural speech, Prof. Ghosh thanked Prof. Anandamoy Manna, the speakers of memorial lectures, all awardees of Essay Competition, Executive Council Members and all the supportive staff of that programme. He said ISEC Kolkata had been founded by Prof. Murali Mohan Biswas (the great devotee of Sri Ramkrishnadev, Maa Sarada and Swami Vivekananda) and supported by Prof. Anandamoy Manna. He recalled that period of setting up of the foundation of the Institute. On behalf of ISEC, Prof. Ghosh expressed his obsession towards Prof. Biswas, and he paid homage to the departed soul of him and his proud parents, Late Satish Chandra Biswas and Late Nabanita Biswas. Prof. Ghosh also mentioned that Prof. M. M. Biswas donated his entire property to ISEC Trust which runs the ISEC. Then he inaugurated the programme by encouraging and wishing all to have happy and healthy life.

Prof. Santanu Das, the Secretary thanked the President and invited the speaker of “9th Nabanita-Satish Chandra Biswas Memorial Lecture 2022”, Dr. Amit Kumar Ghosh, Consultant Neurosurgeon, DNB (Neurosurgery), Institute of Neurosciences, Kolkata. The topic of that memorial lecture was “Deep Brain Stimulation for Parkinson’s Disease- How It Can Change the Quality of Life of This Crippling Neurological Disease”. Before starting his lecture, Dr. Ghosh explained his gratitude to the President, the Secretary, Prof. Manna and the audience. First, Dr. Ghosh explained how Parkinson’s disease changes the life of a patient. The patients suffering from this disease becomes slow, has tremor, rigid muscle with impaired posture. He elaborately explained deep brain stimulation (DBS) method in which electrodes are implanted in certain areas of brain by a navigation system. He also discussed how impulses produced by the electrodes regulate abnormal impulses. Then Dr. Ghosh showed some case studies of Parkinson’s patients and their recovery results after DBS surgery. At the end of his lecture, Dr. Ghosh appealed Physicists (Physics Scientist) to give emphasis on this very much needed research. Prof. Das, the Secretary, ISEC made appreciation to Dr. Amit Kumar Ghosh for the significant lecture. Then the audience participated in an interaction with the speaker along with their questionnaires related to the topic. Prof. Ghosh, the President of ISEC presented a memento to the speaker.

The speaker of the “6th Dr. Murali Mohan Biswas Memorial Lecture 2022” was Dr. Swapan

Kole, Executive Council Member, ISEC. The topic of lecture was “Revisiting the Environmental Hazards: New Concepts and Measures”. Dr. Kole began his lecture by acknowledging the President, the Secretary, Prof. A Manna, all Executive Council Members and the audience. He paid homage to Giacomo Ciamician (1857-1922), the first Green Chemist. Dr. Kole worriedly explained how biodiversity is getting hampered due to different types of pollution. The global warming due to green house effect and green house gases are continuously damaging the ecosystem of the entire world. Nowadays, sea level is rising, ice on mountain are melting as a result of global warming. He stated when all animals of a specific species die, it is called extinct. We the human being are in 6th mass extinction level that is called Holocene extinction. Dr. Kole scared to say that within next 22-40 years, there would likely be catastrophic collapse in human population and irreversible collapse in human civilization if some positive measures are not taken. He gave importance on green economy

which is a concept of energy efficient retention of biodiversity and ecosystem services to reduce carbon emission and pollution. Dr. Kole appealed to all for protecting the world from a massive disaster. In this connection, the Government and non-government agencies must take necessary steps jointly. After this lecture, there was a nice interaction with the speaker and the audience. Prof. Anandamoy Manna, the founder member of ISEC presented a memento to Dr. Swapan Kole.

After the two Memorial Lectures, prize distribution ceremony for Essay Competition was held. Prizes and certificates were distributed among successful competitors. At the end, Miss Irene Ghosh handed over a memento to Prof. Anandamoy Manna who evaluated and judged the essays submitted.

(A few Photographs of the event are given in the 2nd and 3rd cover)

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CORRIGENDUM

In the Editorial page (page 58) of Indian Science Cruiser, Vol 36, No 3, May 2022 issue, the heading “New Technologies Bring in New Threats: Cybercrime Boons”. It will be read as “Booms” instead of Boons as also in the back cover page and Content page.

In the 3rd line of the same page what is “being” to be read as behind. In the 9th line necessary “date”, instead of date it will be read as data. In the 14th line instead of entry ‘date’, it will be read as “entry data”.
