

10th Prof. Pran Kumar De Memorial Lecture organized at ICAR-Central Research Institute for Jute and Allied Fibres, Barrackpore

10th Prof. Pran Kumar De Memorial Lecture was organized by Indian Society of Soil Science Kolkata Chapter along with ICAR-Central Research Institute for Jute and Allied Fibres (CRIJAF), Barrackpore on 06th August, 2022 at ICAR-CRIJAF, Barrackpore. Dr. Gouranga Kar, Director ICAR-CRIJAF, Barrackpore welcomed the Chairman of the programme Dr. Biswajit Ghosh, Vice Chancellor, Neotia University, Kolkata, Chief guest Dr J.C. Tarafdar, Emeritus Scientist ICAR-CAZRI, Jodhpur, Speaker Dr. Tapan Jyoti Purakayastha, Principal Scientist, ICAR-IARI, New Delhi, Dr. S.K. Sanyal, Former Vice chancellor, BCKV, Mohanpur, Dr. D.C. Nayek, President, ISSS Kolkata Chapter, Dr. Krishnendu Das, Secretary, ISSS Kolkata Chapter and all the dignitaries. Dr. T.J. Purakayastha given this prestigious lecture on the topic entitled “Carbon carrying capacity of soil: Role of clay, substrate quality, and microbes at the interface of climate change”. He has highlighted that the carbon carrying capacity (CCC) being the unique property of soil to retain carbon at its maximum, have the high potential for carbon sequestration and the recalcitrant part of soil organic carbon would be temperature sensitive and as a result there would be change in mining of soil organic carbon. Thus, proper soil, water, fertilizer and manure management strategies should be developed to face the challenge of soil organic carbon mining under future scenario of climate change. Soil Scientists from various ICAR institutes and Agril. Universities, KVKs located in and around Kolkata attended the programme.

