

“NONLINEAR DYNAMICS STUDIES GROUP”

NONLINEAR DYNAMICS STUDIES GROUP 2020 – 2021 – LECTURE -02

REPORT

Though the world is adversely affected by COVID19, it has left some gift to mankind. Scientific Community has started their collaborations through online mode. In this direction, Vinayaka Mission's Kirupananda Variyar Engineering College - Department of Physics, Institution Innovation Council (IIC) and Centre for Research and Development (CRD) jointly taken a new initiative in bringing up all the Scientists in a group for bi-monthly discussion in the field of nonlinear dynamics.

The Nonlinear Dynamics Studies Group conducted Group discussion for the Subgroup of NLDSG on 16.12.2020 at 2:00 pm. Dr. C. Senthil Kumar, Professor & Head – Physics & Coordinator – Nonlinear Dynamics Studies Group welcomed the Online gathering of faculty from Physics, Mathematics and introduced the Chief Guest Dr. T. Kanna, Assistant Professor & Associate Dean Research, Bishop Heber College, Trichirappalli

Dr. T. Kanna, gave a presentation about “Solitons, Structure of solitons and John scott russel phenomenon” During discussion Dr. T. Kanna has pointed out solitons has application in various fields one such is optical solitons. Mrs. Kasthuri Assistant Professor- Mathematics, Vinayaka mission's kirupananda variyar Arts and science college, salem, Mrs. Mangalam, Assistant Professor- Mathematics, Vinayaka mission's kirupananda variyar Arts and science college salem and Dr. C. Senthil Kumar Professor & Head – Physics & Coordinator – Nonlinear Dynamics Studies Group, Vinayaka mission's kirupananda variyar Engineering college, Salem joined in this group discussion and clarified their doubts. This group discussion makes a new dimension for multidisciplinary research. Finally, the discussion ended with the vote of thanks by C. Senthil Kumar Professor & Head – Physics & Coordinator – Nonlinear Dynamics Studies Group.