3.3.2 - workshops/seminars on Research Methodology, IPR, Entrepreneurship and Skill Development

Workshop title: Two-day international web conference on Fractals and Iterated Systems Organized by: Department of Mathematics

No of Participants: 82

Date of event: 25-26, September 2020



Report of the event

The Department of Mathematics, Christ College (Autonomous), Irinjalakuda has organized a two-day international web conference from 25 September, 2020 to 26 September, 2020 in the topic, Fractals and Iterated Systems. The inaugural ceremony commenced with the welcome address by Prof. Tintumol Sunny, HoD, Department of

Mathematics. Presidential address was delivered by Rev. Fr. Jacob Njerinjampilly, CMI, Manager, Christ College followed by the inaugural Speech. In the inaugural speech, our eminent resource person, Dr. Krzysztof Lesniak, Nicolaus Copernicus university, Poland, praised the heritage of India in a special way. He also made special mention about Maharaja Jam Saheb Digvijaysinhji Ranjitsinhji and Indian mathematician Brahmagupta. The keynote address was given by Rev. Fr. Dr. Jolly Andrews, CMI, principal, Christ College. Dr. Robinson, IQAC Co Ordinator grace the function with his felicitation. The inaugural session concluded with a vote of thanks; delivered by Dr. Shinto K. G.

The invited talk was on the topic; Hutchinson Attractors through Barnsley-Vince Attractors to Lasota-Myjak Semi Attractors, managed by Dr. Krzysztof Lesniak. He discussed about strict attractors, point wise attractors, pointwise non strict attractor and semi attractors. He studied the relation between the different attractors in the paper presentation. The study finds out an attractor for complete metric space. These concepts have been applied in chaos game. The presentation concluded with a note that word with all strings is chaos in derandomized chaos game. In the second day; forenoon session mainly we dedicated for research paper presentations. The second day invited talk was given by Dr. Vinod Kumar, an eminent mathematician from Rajagiri School of Engineering and Technology, Cochin. He mainly focussed on the topic; A Transformation between Fractals. In the beginning he introduced some of the irregular objects. Further he explained the iterated function systems through different transformation. The conference winded up with a valedictory function.