

NATIONAL WORKSHOP ON FUNCTIONAL ANALYSIS AND APPLICATIONS

March 09-10, 2017

Consolidated Report

The 2-day National Workshop on Functional Analysis and Applications was organized by the Department of Mathematics, Bharathidasan University, Tiruchirappalli, Tamil Nadu with the support of NBHM started on 9th March 2017. The organizing Committee consists of the following persons.

ORGANIZING COMMITTEE

Chief Patron : **Dr. V. M. Muthukumar**, Vice-Chancellor
Patron : **Dr. R. Babu Rajendran**, Registrar i/c
Chairman : **Dr. A. Tamilselvan**, Head of the Department
Organizing Secretary : **Dr. V. Piramanantham, Assistant Professor**

Members : Dr. P. S. Srinivasan, Dr. C. Durairajan, Dr. K. Manickam,
Dr. U. Karuppiah, Dr. R. Krishnakumar, Dr. S. Chellaiah
Dr. V. Rajendran, Dr. Y. Dominic, Dr. J. Maria Joseph
Dr. T. R. Vijayan, Dr. V. Pragadeeswarar

Advisory Committee : **Prof. R. Balakrishnan** (Bharathidasan University)
Prof. P. Veeramani (IIT Chennai)
Prof. S. Somasundaram (Manonmaniam Sundarar University)
Prof. C. Selvaraj (Periyar University)
Dr. S. Marshal Anthoni (Anna University Coimbatore) Centre

The first day programme was started with registration at 09.00 AM followed by a inauguration at 9.30AM on 9th March, 2017. The technical session were divided into five (The Schedule is enclosed). There were 98 participants and 9 speakers.

List of Speaker and Topics Coverd

- Prof. V. Kannan - **Rearrangements of Series – Functional Analytic Approach**

- Prof. P. Veeramani – **Some open Problems in Fixed Point Theory of Non-expansive Mappings**
- Prof. P. Vijayaraju – **Compatible and Weakly compatible Mappings with Fixed Points**
- Prof. T. Sengadir – **Introduction to Sobolev Spaces**
- Prof. C. Ganasa Moorthy – **Closed range operators**
- Dr. V. Murugan – **Stability of Functional Equations**
- Dr. V. Sankar Raj – **On Krasnoselskii fixed Point theorem**
- Dr. V. Lakshmana Gomathi Nayagam – **A Total order of Fuzzy numbers**
- Dr. S. Balaji – **On the Spectrum of an Infinite Matrix**

The programme ended at 04.30. pm 10th March 2017 with the certificate distribution to the participants