Mangalore University
Department of Materials Science
Mangalagangothri, Dakshina Kannada -574199 Karnataka

Report on Research Facility Training Program-21st October 2022

Sponsored by SERB

Under the Scientific Social Responsibility Policy of SERB Project Grants

The theme of the Training Program: Nanotechnology of Electrospinning and Applications.

Background: The Department of Materials Science, Mangalore University received a major research project from the Science and Engineering Research Board, Government of India in December 2020 entitled 'Investigation on Nano-titania coated chitosan nanofibres incorporated with bio-active herbal extract for protective layers of antiviral respirators'. As a part of project grants, SERB has adopted Scientific Social Responsibility (SSR) Policy to imbibe a culture of social commitment among SERB Grantees. The policy intends to effectively utilize the scientific infrastructure and expertise of SERB grantees to benefit other S&T stakeholders, especially the young faculties/researchers and students of the academic community. This training program was planned to share ideas and knowledge with the facilities available in our scientific research activities.

Activities of the Program: A Research Facility Training Program was conducted by the Department of Materials Science, under the sanctioned project grant from SERB, Govt. of India. The program was inaugurated by Prof. S Anandhan from the Department of Metallurgical and Materials Engineering, NITK, Surathkal followed by the inaugural address. Prof. B K Sarojini, Department of Industrial Chemistry, Mangalore University was another chief guest of the program and addressed the gatherers. Prof. Manjunatha Pattabi, Dean, of Science and Technology, and Chairman of the Department of Materials Science presided over the inaugural program. Ms. Shaini performed the invocation. Ms. Sayana K.V. was the master of the ceremony. Dr. Vishwanath T, the Principal Investigator of the SERB Project rendered a vote of thanks.

Prof. S. Anandhan gave his scientific talk on 'Electrospinning: The Marvellous tool of Nanotechnologists'. The talk included a discussion on the basic principles of electrospinning, spinning parameters, processing, and selection of materials for electrospun nanofibers of choice of interest. Prof. B K Sarojini gave a talk on 'Applications of Electrospinning' which encompassed on biomedical applications of various biodegradable electrospun nanomaterials. There were 61 registered participants who actively participated in the program. The demonstration as well as hands-on training of the electrospinning equipment and Universal Testing Machine was carried out in batches for the participants.

Why the β-phase is electroactive?
GPS Map Camera
Pajeer Guttu, Karnataka, India
Science Block, Mangalore University, Karnataka 574199, India
Lat 12.816674°
Long 74.922693°
21/10/22 11:52 AM GMT +05:30
Google
Double Road

GPS Map Camera
Mangalagangothri, Konaje, India
Department of Materials Science, Science Block, Mangalore University, Mangalagangotri, 574199
Lat 12.816846°
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GPS Map Camera
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MANGALORE UNIVERSITY
DEPARTMENT OF MATERIALS SCIENCE
RESEARCH FACILITY TRAINING PROGRAM

Date: 21-10-2022

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