**Two days International Conference on Nanotechnology – 2022 @ Srinivas University Engineering college Mukka**

International Conference on Nontechnology inaugural program was conducted in Hotel Srinivas on 11th November 2022. Program was inaugurated by Dr Arun Isloor M \_ Professor of Chemistry NITK Surathkal. He has stressed the advantages and applications and opportunities in nanotechnology. He stressed that 21 century belongs nano and India will lead the world by nanotechnology. He has told to the participants about present research activities in India and abroad.

Dr Sabu Thomas – Vice Chancellor of MG University Kerala told that lot of opportunities in nanotechnology. He expressed to make collaboration research with Srinivas University.

Dr Punith Kumar Senior scientist in USA has told that, In US lot of research works are going on in nanotechnology

Dr P S Aithal vice Chancellor of Srinivas University stressed the current trend and opportunities for students in nanotechnology. Dr A Srinivas Rao – Pro Chancellor told that Srinivas Will give lot of support for nanotechnology.

Dr CA A Raghavendra Rao has informed the participants that, Srinivas University will give all the support for MOUs, combined research activities, collaborations. He stressed that Srinivas University will be the top most university in nanotechnology in future.

Dr Praveen B M Welcomed the gathering. Dr Shubrajyostana Aithal Expressed the vote of thanks. Prof Rohan was MC and Ms. Madhuri Acharya prayed the invocation song.

Registrars Dr Anil Kumar, , Dr Thomas Pinto – Dean, were present in the program.

Around 100 papers from UK, Malaysia and all over the country were registered and participated in the conference. This conference will address the present problems and solutions through Nanotechnology.

Dr Arun M Isloor delivered key note address on : Synthesis of novel zwitterionic polymer nanoparticles for allied applications. Dr Sabu Thomas delivered Key note address on **Nanostructured Polysaccharides Materials for Water Purification.**

**Dr Nagaraju of Reva University deliverd invited talk on** Engineering of Nanomaterials for Electrochemical Water splitting.

First day Oral preseantion and Posted presentation was conducted for the participants.

Second day Dr. Mahesh Padki Professor, Centre for Nano and Material Sciences, Jain University has delivered invited talk on Impact of surface modification on membrane performance. Shubhankar Kumar Bose Professor Centre for Nano and Material Sciences (CNMS), JAIN University, Bengaluru has delivered invoted talk on Reusable Nano-catalyzed Efficient Synthesis of Organoboronate Esters.

Second day also Participants were presented their work in oral presentation.

Valedictory program was conducted and VC was presided the programme. Winners list are given below. The prizes are distributed in the programme.

**Best Research Paper** - Inhibitory efficacy of bioactive Compounds extracted from Areca catechu L. nut on Matrix Metalloproteinases an In-Silico study **Ajesh Kumar** Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamilnadu

**Young Scientist Award:** Anticorrosive property of a green and sustainable inhibitor from leaves extract of Tabebuia heterophylla plant: Chemical, Electrochemical and Surface Analysis Approach. **Geeta.D.Pai** , Rajappa S. K. Department of Chemistry, Karnatak Science College, Dharwad-580 001, India

**Best Research Paper Award (UG):** Characterization and Mechanical Studies of Reduced Graphene Oxide Filled E-Glass Reinforced with Epoxy Nano Composites **Ananya Bhat , Puneet.S. , Raghavendra B.M.** Srinivas Institute of Technology, Valachil, Mangalore – 574143

**Best Paper Award:** Preparation and characterization of reduced graphene /copper oxide nanocomposite thin films for solar themral application N. Murugesan1 , **S.A.Sethu Raaman**, P.Indira , S. Karthick Kumar , M.Sivabharathy Department of Physics, Bharath Niketan Engineering College, Aundipatty, Theni, Tamil Nadu, India

**Best Paper Award:** Two new methods for the synthesis of low-resistance carbon with possible potential applications in supercapacitors: Flash pyrolysis in a domestic microwave oven and fast pyrolysis in a muffle furnace in lab generated inert atmospheres using dried green leaves from banana plants as raw materials **Shubha B. S** , Dhanya , Greeshma , Shraddha, Anuradha , Ashwini Kumari , Spoorthi , Bharath , Sumanth G , Chithaiah P, Praveen B M , V. Bhat 1,2,3,4,5Department of Chemistry, Shankar First grade college, Udupi 6Department of Chemistry, Institute of Engineering and Technology, Srinivas University

**Best Paper Award**: Role of gadolinium doped in Nickel Nanoferrites on Structural, Optical, Electrical, and Magnetic Properties **N. Lenin**, M. Prabhu , M. Sivabharathy , S.A. Sethu Raman , A. Senthil Kumar Department of Physics, Sethu Institute of Technology, Kariapatti – 626 115, Tamil Nadu, India 2Department ofMechanical Engineering, Sethu Institute of Technology, Kariapatti – 626 115, Tamil Nadu,