



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Autonomous Under VTU)

DEPARTMENT OF CHEMISTRY

ACCELERATING INNOVATIONS IN MATERIAL SCIENCES -SURFACE CHARACTERIZATION

17th to 22nd May, 2021

Five Day Faculty Development Programme

The department of Chemistry organized the online five-day (17th to 22nd May, 2021) Faculty Development programme “ACCELERATING INNOVATIONS IN MATERIAL SCIENCES -SURFACE CHARACTERIZATION”. The inaugural function was started with welcoming guest by HOD Dr. Ramakrishnappa. T. Followed by virtual lighting of lamp by chief guest Prof. Sampath Srinivasan from IPC Department, IISc, Bengaluru and Dean of Student welfare Dr. Govindaraju from BMSIT&M. Prof. Sampath Srinivasan was the keynote speaker for the first day, who gave fundamental talk based on electrochemistry and its battery applications. The speaker for the next session was Dr. Ashar A Z who talked about Atomic Force Microscopy. In the afternoon session, the speaker was Prof. Karmjithsinh Bihola, who talked about design thinking. The 2nd day speaker was Mr. R. Girijan and Mr. Ranju Nair who talked about chromatographic techniques and Raman spectroscopic techniques with its applications. On 3rd day, the speakers were Mr. R. Girijan and Dr. Kartik Pondicherry who spoke about UV-VIS spectroscopy and Rheometry and its applications. On 4th day, the speaker was Dr. Ravikumar Iyyamperumal, who handled both the sessions and presented a detailed talk on XRD and its applications. On the final day, Mr. R Girijan FTIR spectroscopy and its applications. Finally, the FDP was ended in the afternoon with a valedictory function with a great thanks to all organizers and participants. This FDP highlighted the principles of widely used, advanced surface and structural characterization techniques for quality assurance, contamination control, and process improvement. Focus is also made on opportunities avail under NEP-2020 for promoting research in the field of material science.

