



KUMARAGURU COLLEGE OF TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
 AICTE-ISTE SPONSORED REFRESHER PROGRAMME
 (ONLINE MODE) (SLOT 1) 23rd to 29th April 2021

PROGRAMME SCHEDULE

	SESSION 1 9.00 AM-10.30 AM		SESSION 2 11.00AM-12.30 PM		SESSION 3 1.30 PM-3.00 PM		SESSION 4 3.15 PM-4.30 PM
DAY 1 23.04.2021 Friday	Analytical techniques for Characterization of Polymeric Biomaterials	TEA BREAK	Immunoblotting techniques	LUNCH BREAK	Microscopic Techniques	TEA BREAK	Nanoparticle Characterization techniques
	Dr. Mukesh Doble Professor Emeritus, Department of Biotechnology, IIT-Madras, Chennai		Dr. Ankur Gautam Lab Service Manager, Merck High-end Skill Development Center, Chandigarh		Dr. N. Ponpandian Professor and Head, Department of Nanoscience and Technology, Bharathiar University, Coimbatore		Dr. M. Raj Kumar Assistant Professor (SG), Department of Chemistry, PSG College of Arts & Science, Coimbatore
DAY 2 24.04.2021 Saturday	Real time PCR & High Resolution melt curve analysis in Molecular Diagnostics- A Case Study	TEA BREAK	Flow cytometry	LUNCH BREAK	Chromatographic Techniques	TEA BREAK	FEEDBACK
	Mr. N. Sagar Scientific Officer, 1mg Technologies Private Limited-1mg labs, Bangalore		Mr. Mohammed Adil S Regulatory Quality Consultant, IVDR specialist, Immunodiagnostic Systems, UK		Mr. Thirumurugan Nagulsamy ASSOCIATE MANAGER – BIOSIMILARS, Biocon Limited, Bangalore		



**KUMARAGURU COLLEGE OF TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY**

**AICTE-ISTE SPONSORED REFRESHER PROGRAMME
(ONLINE MODE) (SLOT 1) 23rd to 29th April 2021**

PROGRAMME SCHEDULE

	SESSION 1 9.00 AM-10.30 AM		SESSION 2 11.00AM-12.30 PM		SESSION 3 1.30 PM-3.00 PM		SESSION 4 3.15 PM-4.30 PM
DAY 3 26.04.2021 Monday	NMR Spectroscopy	TEA BREAK	Proteomic Techniques	LUNCH BREAK	FTIR Spectrum Interpretation	TEA BREAK	PRACTICAL ACTIVITY SESSION ON FTIR SPECTRUM INTERPRETATION
	Dr. S. Ponnuswamy Associate Professor and Head, PG and Research Department of Chemistry, Government Arts College, Coimbatore		Dr. R. Viswanathan Principal Scientist (Plant Pathology) and Acting Head, Division of Crop Protection, Sugarcane Breeding Institute (ICAR), Coimbatore		Dr. K. R. Aranganayagam AP I & Head i/c - Chemistry, Department of Science and Humanities, Kumaraguru College of Technology, Coimbatore		
DAY 4 27.04.2021 Tuesday	FTIR Instrumentation, Differences between KBr & ATR	TEA BREAK	Stress Management	LUNCH BREAK	Thermoanalytical techniques	TEA BREAK	PRACTICAL ACTIVITY SESSION ON TGA ANALYSIS
	Mr. Palani Customer Support Manager, Toshvin Private Limited, Chennai		Mrs. Vallikala Office of student affairs, Kumaraguru College of Technology, Coimbatore		Dr. Arul H Assistant Professor And Head, Physics Division Kumaraguru College of Technology, Coimbatore		



KUMARAGURU COLLEGE OF TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
 AICTE-ISTE SPONSORED REFRESHER PROGRAMME
 (ONLINE MODE) (SLOT 1) 23rd to 29th April 2021

PROGRAMME SCHEDULE

	SESSION 1 9.00 AM-10.30 AM		SESSION 2 11.00AM-12.30 PM		SESSION 3 1.30 PM-3.00 PM		SESSION 4 3.15 PM-4.30 PM
DAY 5 28.04.2021 Wednesday	Applications of Zeta Potential and Particle size analyser in polymer characterization,	TEA BREAK	Application of transcriptomics - Illumina seq and qRTPCR,	LUNCH BREAK	Bioanalytical Technique in Upstream Processing	TEA BREAK	FEEDBACK
	Dr. Kalpana Duraisamy Head, Product Development WAFE Auxillary Chemicals, Coimbatore		Dr. M. Sathyabhama Assistant Professor, PSG College of Arts & Science, Coimbatore		Mr. Satheesh Kumar Scientist Research & Development Upstream Fermentation, Anthem Bioscience, Bangalore		
DAY 6 29.04.2021 Thursday	Nanomaterial Characterization Techniques	TEA BREAK	Characterization using XRD& AFM techniques	LUNCH BREAK	VALEDICTORY SESSION AND FEEDBACK	TEA BREAK	TEST
	Dr. Ashok Kumar HOD, Department of Biotechnology, Periyar Maniammai Institute of sciences and Technology, Tanjore		Dr. C. Narendhar Assistant Professor, Department of Nanoscience and Technology, Sri Ramakrishna Engineering College, Coimbatore				