



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Discussion Points

Title : Building a Healthier Tomorrow: Medical & Biotech Advancements

Date : 2024-08-26 - 2024-08-30

Time : 10:00 - 17:30

Venue : TT 312

- Day1 FN - Advances in Pathology - Dr Sandhya Sundaram, SMRC & RI
- Day1 AN - Recent Advances in Practice of Surgical Oncology - Dr S Gouthaman, Apollo Specialties
- Day2 FN - Targeting Kinases in Cancer - Dr Suresh K Rayala, IIT Madras
- Day2 AN - Recent Advances in Breast Imaging - Dr Bhawna Dev, SRMC & RI
- Day3 FN - Preventive Oncology - Dr R Vijayalakshmi, Cancer Institute
- Day3 AN - G-Protein Coupled Receptor (GPCR) mediated signal transduction pathways - Dr A Gopalakrishna, IIT Madras
- Day4 FN - Current Topics in Bioinformatics - Dr Michael Gromiha, IIT Madras
- Day4 AN - Preparing for emerging technologies addressing ethical challenges in mental health issues - Dr Valsa Augutine
- Day5 FN - Recent Trends in Cancer Genomics, Precision Medicine, and Ancient Genomics - Dr G Kumaresan, Madurai Kamaraj University
- Day5 AN - AI(Autoimmunity) & Clinical Laboratory - Dr Srinivasan, Kavery Hospitals
- Objectives Achieved: Did the event accomplish its primary and secondary goals
- Target Audience Engagement: How well did the event connect with the intended audience
- Key Performance Indicators (KPIs): What metrics were used to measure success (e.g., attendance, social media reach, lead generation)
- Feedback and Reviews: What did participants, speakers, and stakeholders think of the event
- Return on Investment (ROI): Did the event generate a positive return on investment

	<p>Resource Person 1 - Details Name : Dr S Gouthaman Designation : HoD Senior Consultant, Surgical Oncology University/ Company : Apollo Hospitals, Chennai Address : India, 600056.</p>
	<p>Resource Person 2 - Details Name : G Kumaresan Designation : Professor Head, Dept of genetic University/ Company : Madurai Kamaraj University, Madurai Address : India, 625021.</p>
	<p>Resource Person 3 - Details Name : Dr M Michael Gromiha FNA Designation : Professor, Department of Biotechnology University/ Company : IIT Madras, Chennai Address : India, 600036.</p>
	<p>Resource Person 4 - Details Name : Dr BhawnaDev Designation : Professor, Radiology Imaging Sciences University/ Company : SRMC RI, Chennai Address : India, 600116.</p>
	<p>Resource Person 5 - Details Name : Dr N Vijayalakshmi Designation : Professor and Head, Cancer Biology and Molecular Diagnostics University/ Company : Cancer Institute W I A, Chennai Address : India, 600032.</p>
	<p>Resource Person 6 - Details Name : Prof Suresh K Rayala Designation : Professor, Biotechnology University/ Company : IIT Madras, Chennai Address : India, 600032.</p>
	<p>Resource Person 7 - Details Name : Dr CN SRINIVAS Designation : Group Director , Laboratory Medicine University/ Company : Kauvery Hospitals, Chennai Address : India, 600018.</p>
	<p>Resource Person 8 - Details Name : ANNE VATSALA AUGUSTINE Designation : Project Development officer Psychologist, Clinical Psychology University/ Company : Schieffelin Institute of Health Research and Leprosy Centre Karigiri , Vellore Address : India, 632106.</p>

**Resource Person 9 - Details****Name :** Kesavan Venkitasamy**Designation :** Professor, Biotechnology**University/ Company :** IIT Madras, Chennai**Address :** Chennai, 600036.**Resource Person 10 - Details****Name :** Prof Sandhya Sundaram**Designation :** Professor, Pathology**University/ Company :** SRMC and RI, Chennai**Address :** India, 600116.**Resource Person 11 - Details****Name :** Everette Jacob Remington N**Designation :** Professor Grade 1, School of Bio Sciences and Technology**University/ Company :** VIT, Vellore**Address :** India, 632014.**Resource Person 12 - Details****Name :** Anand A**Designation :** Professor Higher Academic Grade, School of Bio Sciences and Technology**University/ Company :** VIT, Vellore**Address :** India, 632014.

Resource Person's Profile :

1. Profile of Dr S Gouthaman

Prof Gouthaman completed his UG and PG Education in SRMC, RI, and MCh in Surgical Oncology from the Cancer Institute, Chennai. He also completed a Fellowship in Robotic Surgery in Europe. He is a Teacher, Researcher, and top-notch Clinician in the field of Surgical Oncology.

2. Profile of G Kumaresan

Dr. Kumaresan's research involves integrative genomic investigation of the exhaustive genomic resources and develops workable hypothesis, which he further tests in human cellular models. Dr. Kumaresan has completed about 15 Cancer Genomics projects and extensively explored cancer genomics data to understand the molecular cell biology of cancer cells and to gain insights on targeted therapeutics for the eventual translation. His group is also exploring transcriptional impact of drugs to understand

3. Profile of Dr M Michael Gromiha FNA

M Michael Gromiha is working as a Professor at the Department of Biotechnology, Indian Institute of Technology Madras, India. His research interests include protein structure and function, mutational effects and development of bioinformatics databases and tools.

4. Profile of Dr BhawnaDev

Women's Imaging, Ultrasound and CT Guided Interventions

5. Profile of Dr N Vijayalakshmi

Molecular Diagnostics

6. Profile of Prof Suresh K Rayala

Dr Suresh is a Professor, Biotechnology, at IIT M. Presently he is also the organizing Chairman, GATE and JAM examinations. He is an active researcher in the field of Molecular Oncology and has published 100 high impact papers on kinase biology, drug resistance. He has received more than 20 grants from funding agencies, both national and international. He is a recipient of DBT Dr Ramachandran research award ICMR Dr Premnath Wahi award, Tamilnadu Scientist award, among others.

7. Profile of Dr CN SRINIVAS

Professor. Dr. Chakravarthy Narasimhachar SRINIVAS,
MD (Pathology), DNB (Pathology), MNAMS, FCAP.,
Graduate -Certificate in Clinical lab Management and Leadership (AACC)

8. Profile of ANNE VATSALA AUGUSTINE

Career started at the Christian Medical College as a Psychologist at the Mental Health Center, and later moved on to Schieffelin Institute of Health-Research Leprosy Center in Karigiri, a hospital with a reputation for compassion and a dedicated focus on the disease Leprosy. As a psychologist and counselor, as well as a member of the center teaching faculty, she sees firsthand how the fear and stigma surrounding leprosy can ruin lives and how medical, physical and Psychosocial support

9. Profile of Kesavan Venkitasamy

Professor V Kesavan. He holds a Ph.D. from the Indian Institute of Science and an M.Sc. from Madurai Kamaraj University. Professor Kesavan's research interests encompass rational drug design, synthesis and evaluation, targeted protein degradation, medicinal chemistry, and drug design. As the head of the Chemical Biology lab at the Department of Biotechnology, Indian Institute of Technology Madras, he is at the forefront of cutting-edge research in drug discovery and targeted protein degradation.

10. Profile of Prof Sandhya Sundaram

Dr Sandhya is a Professor and HOCS at Sri Ramachandra Medical College and Sri Ramachandra medical Centre. He holds a MD in pathology and PhD in Molecular Oncology (IIT Madras). Besides her Pathology profession, she is an active researcher in the area of Hormone related cancers and is guiding PhD Scholars. She has received extra-mural grants from SERB, BRNS-DAE, ICMR.

11. Profile of Everette Jacob Remington N

Dr. Nelson's dedication to scientific advancement is underscored by his success in securing funding from government agencies. This recognition of his research projects highlights the importance and potential impact of his work. Furthermore, his commitment to sharing knowledge and findings is evident in his publication of peer-reviewed papers, which contribute to the broader scientific community.

12. Profile of Anand A

Dr. Anand Anbarasu, a highly accomplished researcher and educator, holds an impressive academic pedigree.

Professor with Higher Academic Grade: This designation signifies Dr. Anbarasu's extensive experience and distinguished contributions within his field.

Fellow of the Royal Society of Biology (FRSB): This prestigious fellowship, awarded from 2020 to 2022, recognizes Dr. Anbarasu's significant achievements and standing within the biological sciences community in the United Kingdom.

The Faculty Development Program (FDP) aims to explore the cutting-edge advancements in the medical and biotechnology fields that are reshaping healthcare delivery and outcomes. Through a comprehensive curriculum, participants will delve into the latest research, innovations, and technological breakthroughs. The FDP will cover a wide range of topics, including precision medicine, genomics, drug discovery, medical device development, and bioinformatics. By fostering knowledge exchange and collaboration among academia and industry experts, the program seeks to equip participants with the necessary skills and insights to contribute to a healthier future.

Online Learning Platforms: Utilize platforms like Moodle, Canvas, or Google Classroom for course materials, assignments, and discussions.

**Coordinator's: Prof. ARNOLD EMERSON I 10533 - Professor Grade 2 - SBST
Prof. DEVI RAJESWARI V 10601 - Associate Professor Sr. - SBST**