



Faculty Development Program



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

Title : Drug Discovery, clinical, therapeutic and AI ML based diagnostics aspects in cancer and Neurological disorders

Date : 2025-10-06 - 2025-10-10

Time : 10:00 - 17:30

Venue : TT725 OR LIBRARY

Event Outcome

- Faculty participants developed a deeper understanding of entrepreneurship and innovation. The participating faculty members enhanced their understanding of entrepreneurship and innovation. Through participation, faculty members gained greater insight into entrepreneurship and innovation
- The FDP attendees are empowered to create a supportive ecosystem for student start-ups.
- Students benefit from mentorship and guidance, leading to successful start-ups
- Effective ideation and better usage of technologies for the Make IN INDIA and MADE IN INDIA.
- Fostering innovation and efficient technology application in alignment with the Make in India and Made in India programs."



Rajeshkumar S

Resource Person 1 - Details

Name : DrRajesh Kumar PhD

Designation : Professor chief scientist, Nano biomedicine and Product Development lab

University/ Company : Saveetha Medical College and hospital, Chennai

Address : India, 602105.



Resource Person 2 - Details

Name : Dr Rajasekhar Reddy Manyam

Designation : Associate Professor PGP Chair, CSE

University/ Company : Amrita Vishwa Vidhya Peetham, Amravati

Address : INDIA, 522503.



Resource Person 3 - Details

Name : Dr K Raghava Rao

Designation : Professor Director innovation patent Facilitation and Business Incubator, CSE

University/ Company : KLEF, Guntur

Address : INDIA, 522302.



Resource Person 4 - Details

Name : VIJAY KUMAR KUTALA

Designation : PROFESSOR, CLINICAL PHARMACOLOGY

University/ Company : NIMS, HYDERABAD

Address : INDIA, 500082.



Resource Person 5 - Details

Name : DR Mubarak Hasansha

Designation : Research Team Lead, INVIVO pHARMACOLOGY

University/ Company : AURIGENE COMPANY, bangalore

Address : INDIA, 520013.



Resource Person 6 - Details

Name : Prasad Theeda

Designation : Assistant Professor Grade 1, School of Advanced Sciences

University/ Company : VIT, Vellore

Address : India, 632014.



Resource Person 7 - Details

Name : Dr T Paneerselvam

Designation : Professor, School of Pharmaceutical Sciences

University/ Company : VELS Institute of Science Technology and Advanced Studies , Chennai

Address : INDIA, 600117.



Resource Person 8 - Details

Name : Dr KB Ramesh Kumar

Designation : Principal Scientist HEAD of the DIVISION, Jawaharlal Nehru Tropical Botanical Garden and Research Institute

University/ Company : Jawaharlal Nehru Tropical Botanical Garden and Research Institute, Thiruvananthapuram

Address : INDIA, 695562.



Resource Person 9 - Details

Name : Dr Deepali Jat

Designation : Assistant Professor Grade II, BIOLOGICAL SCIENCES

University/ Company : Dr HARISINGH GOUR VISHWAVIDYALAYA,
Guntur

Address : India, 470003.



Resource Person 10 - Details

Name : Dr Sundara Murthy

Designation : Development Procurement Consultant, Reliance Consumer
Products Ltd

University/ Company : Reliance Consumer Products Ltd, CHENNAI

Address : INDIA, 522302.

Resource Person's Profile :

1. Profile of DrRajesh Kumar PhD

Dr.Rajeshkumar, Professor in Department of Pharmacology, completed his PhD in the field of Nanobiomedicine and post graduate in biotechnology. He received Young Scientist award from DST-SERB, New Delhi. He published more than 300 research and review articles in

2. Profile of Dr Rajasekhar Reddy Manyam

Dr Reddy pursued his Ph. D. in Computer Science and Engineering from SASTRA Deemed To Be University in 2020. He completed his M. Tech. in Computer Applications from ISM (IIT Dhanbad) in 2009. And he also received an M.S. in Mathematics from IIT Kanpur. Dr. M. Rajasekhar Reddy has over 14 years of teaching experience at various universities and has been with Amrita since December 2022. He has 33 publications, and he is a reviewer for many peer-reviewed journals. He has guided many students

3. Profile of Dr K Raghava Rao

K. Raghava Rao, Professor in CSE, working in the dept. of ECM. He has 22 years 7 months of experience in teaching for UG and PG engineering students and 2 years of Software Development experience in Singapore. He received B.E.(CSE) Bangalore University, M. Tech.(CSE) from RVP University, Udaipur, MBA (Fin. Info. Systems) from Dr. BR Ambedkar University and Ph.D.(CSE) from Shri Venkateshwara University, in the years 1995,1998, 2005 and 2010 respectively. He published several papers

4. Profile of VIJAY KUMAR KUTALA

His work is antifungal and mitochondrial targetd drugs

5. Profile of DR Mubarak Hasansha

Associate director, Aurigene pharmaceutical services Ltd

6. Profile of Prasad Theeda

Research output A PRECONDITIONING APPROACH TO OPTIMIZING SENSING MATRIX FOR IMPROVED COMPRESSED SENSING CT RECONSTRUCTION

7. Profile of Dr T Paneerselvam

He served as Director of RD at SWAMY VIVEKANANDHA COLLEGE OF PHARMACY

8. Profile of Dr KB Ramesh Kumar

Rameshkumar took his Ph.D in Chemistry in the topic Phytochemical investigation of some Indian medicinal plants from the University of Kerala, Thiruvananthapuram in 2008. The area of his specialization is isolation and structure elucidation of secondary metabolites from plants, hyphenated analytical techniques, especially GCMS and LCMS, chemistry of aromatic plants, chemotaxonomy, and chemical ecology. Currently he is working as a Principal Scientist in KSCSTEJNTBGRI.

9. Profile of Dr Deepali Jat

Expertise in oxidative stress and ROS studies

10. Profile of Dr Sundara Murthy

Expert in Reliance Consumer product ltd

The FDP event will provide an overview of various emerging technologies and their applications in the healthcare sector. This will help in gaining novel ideas and setting up startups. Further patent technologies will aid effective patenting. This FDP will bring Industry, Research, technologists, and Software experts to come on a Common platform, which will lead to effective ideation and better usage of technologies for the Make IN INDIA and MADE IN INDIA.

Mainly AI and ML-based tools, image processing tools as well as software

Coordinator's: Prof. JANKI RAMAIAH M 22483 - Professor Grade 2 - SBST
Prof. SIVAKUMAR A 10757 - Professor Grade 2 - SBST