



Faculty Development Program



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

Discussion Points








Title : Classification of Various Medical Images for Disease Prediction Using Machine Learning and Deep Learning Techniques

Date : 2024-10-14 - 2024-10-18

Time : 10:00 - 17:30

Venue : TT 727

- tuberculosis, leprosy cholera and diarrhoeal diseases
- viral diseases including AIDS, malaria, kala-azar, vector control
- nutrition, food & drug toxicology,
- reproduction, immuno-haematology,
- oncology, medical statistics, etc.
- The expected outcome in a research proposal typically anticipated findings.
- The expected outcome in a research proposal contributions to the field, potential impact on society,
- how it will advance existing knowledge
- how it will address gaps in the literature.
- It's essentially what you hope to achieve through your research endeavor.

	<p>Resource Person 1 - Details Name : Sujatha V Designation : Assistant Professor Grade 2, School of Advanced Sciences University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 2 - Details Name : Uma K Designation : Associate Professor Grade 1, School of Computer Science Engineering and Information Systems University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 3 - Details Name : DR C PONNURAJA Designation : DIRECTOR AND SENIOR SIENTIST, ICMR University/ Company : ICMR, CHENNAI Address : india, 600077.</p>
	<p>Resource Person 4 - Details Name : DR SHIVAKUMAR Designation : SCIENTIST, ICMR University/ Company : ICMR, CHENNAI Address : INDIA, 600031.</p>
	<p>Resource Person 5 - Details Name : DR P Venkatesan Designation : Ex DIRECTOR OF ICMR and Professor of Sriramachandra medical college, ICMR and Sri Ramachandra Institute for Higher Education and Research University/ Company : ICMR and Sri Ramachandra Institute for Higher Education and Research, CHENNAI Address : INDIA, 600116.</p>
	<p>Resource Person 6 - Details Name : DR Srinivasan Ramalingam Designation : SCIENTIST, ICMR University/ Company : ICMR, CHENNAI Address : india, 600031.</p>
	<p>Resource Person 7 - Details Name : VASANTHA M Designation : TECHNICAL OFFICER, ICMR University/ Company : ICMR, CHENNAI Address : INDIA, 600031.</p>

Resource Person's Profile :

1. Profile of Sujatha V

Sujatha V at Department of Mathematics, VIT University. The profile contains 14 publications across 9 journals. Area of Research:: R Tools, Statistics on mathematics.

2. Profile of Uma K

Dr K Uma is working as Associate Professor, Department of Software system engineering , VIT University, Vellore.

she received her Ph.D from College of Engineering Guindy, Anna University, Chennai.

Her teaching and research experience stretches for more than 17 years in prestigious higher educational institutions.

3. Profile of DR C PONNURAJA

Dr. C. Ponnuraja, Director, Scientist E, Head, Department of Statistics, National Institute for Research in Tuberculosis Indian Council of Medical Research. 23 years Research Experience in Control Clinical Trials and Medical statistics, 25 years Data processing, analyzing and programming experiences Head, Department of Statistics National Institute for Research in Tuberculosis

Indian Council of Medical Research

4. Profile of DR SHIVAKUMAR

July 2024- till date: Scientist E and Head of the Dept of Bacteriology, ICMR-National Institute for Research in Tuberculosis, Chennai. 1. WHO: Member Advisory Group on TB Diagnostics and Laboratory Strengthening (2021-2023)

Australian Award Fellowship: 2017

Koshi Memorial Medal for Best Outgoing Student in MSc (Medical Microbiology) Year 2001-2002

5. Profile of DR P Venkatesan

Advisor Research Child Trust Medical Research Foundation Chennai. Visiting Professor Sri Ramachandra University, Chennai. Scientist F Head Department of Statistics, National Institute for Research in Tuberculosis, ICMR, Chennai. Professor Research Department of Community Medicine, Sri Ramachandra University

6. Profile of DR Srinivasan Ramalingam

He have 18 years of work experience in NGS analysis, developing pipelines for WGS assembly and variant calling, developing relational database, Webservers and bioinformatics tools. I have a Doctorate in macromolecular interactions and their sequence and structural analysis. I am dedicated towards research . and highly motivated in learning new skills

7. Profile of VASANTHA M

Dr M VASANTHA working as a technical officer in ICMR National Institute for Research in Tuberculosis and she have more than 25 years experience. She have Received young scientist award. Received the Achievers Award.

Received Scientist Award Professor Srivastava award for the 2019.

ICMR's 26 national institutes address themselves to research on specific health topics like tuberculosis, leprosy, cholera and diarrhoeal diseases, viral diseases including AIDS, malaria, kala-azar, vector control, nutrition, food & drug toxicology, reproduction, immuno-haematology, oncology, medical statistics, etc.

Wisecube
Orpheus Hetionet
Biolink Model
KnowEnG
BioBERT
PubTator
OpenBEL.

Coordinator's: Prof. SUJATHA V 13403 - Assistant Professor Grade 2 - SAS
Prof. UMA K 14808 - Associate Professor Grade 1 - SCORE