	Teaching Learning Practice		Vellore Institute of Technology (Deemed to be University under section 3 of UGC Act, 1956)

Title : A framework for machine learning in the fields of statistical Analysis **Date :** 12-Feb-2024 - 16-Feb-2024 **Time :** 10:00 - 17:30 **Venue :** TT 513	<u>**Discussion Points**</u> - Machine Learning in statistics using R - Hands on training on Statistical techniques using e-views - Risk Analysis in Banking Industry - Application of Multivariate Tools in Decision Making using R - Machine learning techniques using customized tool in clinical trials

	Resource Person 1 - Details **Name :** Sujatha V **Designation :** Assistant Professor Grade 1, School of Advanced Sciences **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 2 - Details **Name :** RAMAKRISHNAN **Designation :** ASSOCIATE PROFESSOR, MATHS **University/ Company :** RKM Vivekananda College , CHENNAI **Address :** india, 600021.
	Resource Person 3 - Details **Name :** DURAISAMY A **Designation :** DEAN, ECONOMETRICS **University/ Company :** SRM UNIVERSITY, CHENNAI **Address :** INDIA, 6000020.
	Resource Person 4 - Details **Name :** Uma K **Designation :** Assistant Professor Sr. Grade 2, School of Computer Science Engineering and Information Systems **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 5 - Details **Name :** RAMESH SUBRAMANIYAN **Designation :** PROFESSOR, ACCOUNTS **University/ Company :** Currently visiting professor in KREA UNIVERSITY, SRICITY AP **Address :** INDIA, 600025.
	Resource Person 6 - Details **Name :** Ponnuraja **Designation :** Scientist F AND HEAD, ICMR **University/ Company :** ICMR F, CHENNAI **Address :** INDIA, 600025.
	Resource Person 7 - Details **Name :** VISWANATHAN **Designation :** HEAD OF DEPT, STATISTICS **University/ Company :** PRESIDENCY COLLEY, CHENNAI **Address :** INDIA, 60005.

Resource Person's Profile :

1. Profile of Sujatha V

Dr. Sujatha.V
Teaching Experience: 23 years
Research Area: Survival Analysis
School of Advanced Sciences

2. Profile of RAMAKRISHNAN

I completed my research(Ph.D) in Mathematics-Statistics from the University of Madras Under the Guidance of Prof. R. Ravanan, Joint Director of Collegiate Education, Chennai. I have been handling classes for Mathematics students from 1994. From 2008, I have been working as an Associate Professor of Mathematics in RKM Vivekananda College, Chennai. My specializations are Mathematical Statistics and Survival Analysis

3. Profile of DURAISAMY A

DURAISAMY taught Economics and Econometrics since 1990 at Madras Christian college, chennai. Dean of Humanities, MCC. Has been adjudged as the Best Teacher of Economics in Tamilnadu for 2020 by Malcolm Elizabeth Adiseshiah Trust , Chennai.

4. Profile of Uma K

DR. K UMA working as a Professor in the School of Computer Science Engineering and Information Systems. he have 17 years of experience in research and teaching. he have completed phd from CEG from Anna University, chennai

5. Profile of RAMESH SUBRAMANIYAN

Dr. Ramesh Subramanian is former Assistant General Manager of Reserve Bank of India. currently working as visiting professor of Krea University Andhra pradesh.

6. Profile of Ponnuraja

DR PONNU RAJA 25 years Research Experience in Control Clinical Trials and Medical statistic. 27 years Data processing, analyzing and programming experiences

7. Profile of VISWANATHAN

DR VISHWANATHAN having 45 YEARS EXPERIENCE in teaching and research. Publications National International
Severed as Assistant Research Officer in WHO and ICMR Studies

Machine Learning and Statistics:
Information has become an important commodity indeed possibly the most important of the future while we have well developed technologies to store data. The analysis to extract information is time consuming and requires skilled human intervention.ML algorithms augment statistical analysis by providing mechanisms that automate the information discovery process.

R-language
e-views
customized tool

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