



PONDICHERRY UNIVERSITY
(A Central University)
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
(UGC-HRDC)

Course Name: REFRESHER COURSE IN MATHEMATICS AND STATISTICS

Duration: 01.08.2019 - 14.08.2019

SCHEDULE

SCHEDULE				
DATE	FORENOON (10.00a.m.-11.30a.m. and 11.45a.m. - 1.00p.m)		AFTERNOON (2.00p.m.-3.30p.m. and 3.45p.m. - 5.00p.m)	
01-08-19 (Thursday)	Inauguration	Prof. V. Thangaraj Professor (Retd.) Ramanujan Institute of Advanced Study in Mathematics University of Madras Topic : Markov Chain and Applications	Prof. K N Raghavan Professor of Mathematics The Institute of Mathematical Sciences (IMSC), Chennai Topic : Methods of Linear Algebra in Combinatorics	
02-08-19 (Friday)	Prof. Udayabaskaran Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Chennai Topic: Linear Algebra		Prof. R. Sahadevan, Professor (Retd.) Ramanujan Institute of Advanced Study in Mathematics University of Madras, Chennai Topic: Applications of Lie Groups to Differential Equations	
03-08-19 (Saturday)	Prof. P. R. Vittal Professor (Retd.), Department of Mathematics Vivekananda College, Chennai Topic: Probability Theory and Stochastic Processes		Prof. G. Ayyappan Professor, Department of Mathematics, Pondicherry Engineering College Topic: Queueing Models	Dr. Navin Chandra Department of Statistics, Pondicherry University Topic: Applications of Reliability Estimation
04-08-19 (Sunday)	---			
05-08-19 (Monday)	Prof. T. Tamizh Chelvam Professor (Retd.) , Department of Mathematics Manonmaniam Sundarnar University, Tirunelveli Topic: Characterizations of Finite Groups	Prof. A. Loganathan Professor, Department of Statistics Manonmaniam Sundarnar University, Tirunelveli Topic: Statistical	Prof. T. Tamizh Chelvam Professor (Retd.) , Department of Mathematics Manonmaniam Sundarnar University, Tirunelveli	Prof. A. Loganathan Professor, Department of Statistics Manonmaniam Sundarnar University, Tirunelveli Topic: Statistical

		Hypothesis Testing	Topic: Characterizations of Finite Groups	Hypothesis Testing
06-08-19 (Tuesday)	Prof. G. Gopal Professor (Retd.), Department of Statistics, University of Madras, Chennai Topic: Reliability Models		Prof. A.M.S. Ramasamy Professor (Retd.), Department of Mathematics, Pondicherry University Topic: Some interesting Problems in Number Theory Certain Special Numbers	
07-08-19 (Wednesday)	Prof. SR Kannan Professor, Department of Mathematics, Pondicherry University Topic: Basic Concepts in Fuzzy Set	Prof. T. Duraivel Professor, Department of Mathematics, Pondicherry University Topic: LATEX	Prof. G. Arivarignan Professor (Retd.), Department of Applied Mathematics and Statistics Madurai Kamaraj University Madurai Topic: Advanced Graphics in R	
08-08-19 (Thursday)	Prof. Yageen Thomas Professor (Retd.), Department of Statistics, University of Kerala Trivandrum Topic: On Some New Methods of Constructing Bivariate Distributions		Prof. R. Vijayaraghavan Professor, Department of Statistics Bharathiar University, Coimbatore Topic: Control Charts and Process Capability	
09-08-19 (Friday)	Prof. P. Tirupathi Rao Professor, Department of Statistics Pondicherry University Topic: Statistical Modelling and Applications		Prof. M.R. Srinivasan Professor (Retd.), Department of Statistics, University of Madras, Chennai Topic: Matrices in Regression Analysis	
10-08-19 (Saturday)	Prof. S. Ravi Professor, Department of Statistics University of Mysore Topic: An Invitation to Probability Theory		Dr. K.S. Kuppusamy Department of Computer Science Pondicherry University Topic: Python Programming	
11-08-19 (Sunday)	--			
12-08-19 (Monday)	Participants Seminar		Participants Seminar	Objective type test
13-08-19 (Tuesday)	Dr. A. Joseph Kennedy Department of Mathematics, Pondicherry University Topic: Representations of Algebra	Dr. V.S. Vaidyanathan Department of Statistics, Pondicherry University Topic: Data Mining	Prof. Rajeswari Seshadri Professor, Department of Mathematics, Pondicherry University Topic: Elliptic Curve Cryptography – An Introduction	
14-08-19 (Wednesday)	Evaluation and Feedback		Valedictory	

LIST OF PARTICIPANTS

Sl. No	Name & Details
1.	Sudesh Pundir Assistant Professor of Statistics Pondicherry University
2.	R. Vishnu Vardhan Assistant Professor of Statistics Pondicherry University
3.	J. Udayageetha Assistant Professor of Mathematics Perunthalaivar Kamarajar Arts College, Pondicherry
4.	L. Barani Kumar Assistant Professor of Mathematics Thiru. A. Govindasamy Govt. Arts College, Tindivanam
5.	L. Henry Assistant Professor of Mathematics Periyar Govt. Arts College, Cuddalore
6.	N. Caroline Esther Santhi Assistant Professor of Mathematics Periyar Govt. Arts College, Cuddalore
7.	R. Vijayakumar Assistant Professor of Mathematics Periyar Govt. Arts College, Cuddalore
8.	N. Vijayasankar Assistant Professor of Statistics Periyar Govt. Arts College, Cuddalore
9.	R. Shunmugathai Assistant Professor of statistics Arignar Anna Govt. Arts College, Villupuram
10.	R. Ezhilarasi Assistant Professor of Mathematics Arignar Anna Govt. Arts College, Villupuram
11.	S. Dhanasekaran Assistant Professor of Mathematics Dr. M G R Govt Arts & Science College for Women, Villupuram
12.	Arulmani V S Assistant Professor of Mathematics Arignar Anna Govt. Arts College, Villupuram
13.	P R Jayashree Assistant Professor of Statistics Presidency College, Chennai
14.	R. Renuka Devi Assistant Professor of Statistics Presidency College, Chennai

15.	R K Radha Assistant Professor of Statistics Presidency College, Chennai
16.	D. Sarala Assistant Professor of Statistics Presidency College, Chennai
17.	Kumarapandiyan G Assistant Professor of Statistics Madras Christian College, Chennai
18.	D. Vinayagam Assistant Professor of Mathematics Presidency College (Autonomous), Chennai
19.	S. Selva Arul Pandian Assistant Professor of Statistics Loyola College, Chennai
20.	G. Kalaimurugan Assistant Professor of Mathematics Thiruvalluvar University , Vellore
21.	D. Dorathy Prema Kavitha Assistant Professor of Mathematics Voorhees College, Vellore
22.	S. Sasi Kumar Assistant Professor of Mathematics Voorhees College, Vellore
23.	G. Sivakumar Assistant Professor of Mathematics A. V. V. M. Sri pushpam College (Autonomous), Poondi, Thanjavur
24.	R. Aruldoss Assistant Professor of Mathematics Govt. Arts College(Autonomous), Kumbakonam
25.	V. Saavithri Assistant Professor of Mathematics Nehru Memorial College, Trichy
26.	R. Gethsi Sharmila Assistant Professor of Mathematics Bishop Hebel College, Trichy
27.	M. Sathiyamoorthy Assistant Professor of Mathematics Govt. Thirumagal Mills College, Gudiyatham
28.	R. Kamalanathan Assistant Professor of Statistics Salem Sowdeswari College, Salem
29.	J. Periaswamy Assistant Professor of Mathematics A V C College, Mannampandal, Mayiladuthurai
30.	S. P. Nandhini Assistant Professor of Mathematics The Standard Fireworks Rajaratnam College for Women, Sivakasi

31.	R. Jahir Hussain Assistant Professor of Mathematics Dr. Zakir Husain College, Ilayangudi
32.	P. Sudha Assistant Professor of Mathematics Govt. Arts & Science College, Veppanthattai
33.	S. Kalaiarasi Assistant Professor of Mathematics Arignar Anna Govt. Arts College, Cheyyar
34.	C. Santhanaraju Assistant Professor of Mathematics Arignar Anna Govt. Arts College, Cheyyar
35.	J. Sathiyaraj Assistant Professor of Mathematics Govt. Arts College, (Autonomous) Thanthoni Malai
36.	K. Kalpana Assistant Professor of Mathematics Govt. Arts College(Autonomous), Karur
37.	P. Kanchana Assistant Professor of Mathematics NKR Govt. Arts College for Women, Namakkal
38.	K.Amuthavalli Assistant Professor of Mathematics Govt. Arts & Science College, Veppanthattai
39.	T. Kavaskar Assistant Professor of Mathematics Central University of Tamil Nadu, Thiruvarur
40.	M. Kannan Assistant Professor of Mathematics Govt. Arts College, Ariyalur
41.	I. Mohammed Ali Jaffer Assistant Professor of Mathematics Govt. Arts College, Udumalpet
42.	Ashok Shankar Kulkarni Assistant Professor of Mathematics Deshbhakt Anandrao Balwantrao Naik Arts & Science College, Chikhali

LIST OF RESOURCE PERSONS

Sl.No	Name of the Resource Person & Topic
1.	Prof. V. Thangaraj, Chennai Markov Chain and Applications
2.	Prof. K N Raghavan, Chennai Methods of Linear Algebra in Combinatorics
3.	Prof. Udayabaskaran Chennai Topic: Linear Algebra

4.	Prof. R. Sahadevan, Professor, Chennai Topic: Applications of Lie Groups to Differential Equations
5.	Prof. P. R. Vittal, Chennai Topic: Probability Theory and Stochastic Processes
6.	Prof. G. Ayyappan, PEC Topic: Queueing Models
7.	Dr. Navin Chandra, PU Topic: Applications of Reliability Estimation
8.	Prof. T. Tamizh Chelvam, Tirunelveli Topic: Characterizations of Finite Groups
9.	Prof. A. Loganathan, Tirunelveli Topic: Statistical Hypothesis Testing
10.	Prof. T. Tamizh Chelvam, Tirunelveli Topic: Characterizations of Finite Groups
11.	Prof. A. Loganathan, Tirunelveli Topic: Statistical Hypothesis Testing
12.	Prof. G. Gopal, Chennai Topic: Reliability Models
13.	Prof. A.M.S. Ramasamy, Chennai Topic: Some interesting Problems in Number Theory Certain Special Numbers
14.	Prof. SR Kannan, PU Topic: Basic Concepts in Fuzzy Set
15.	Prof. T. Duraivel, PU Topic: LATEX
16.	Prof. G. Arivarignan Madurai Topic: Advanced Graphics in R
17.	Prof. Yageen Thomas Trivandrum Topic: On Some New Methods of Constructing Bivariate Distributions
18.	Prof. R. Vijayaraghavan, Coimbatore Topic: Control Charts and Process Capability
19.	Prof. P. Tirupathi Rao, PU Topic: Statistical Modelling and Applications
20.	Prof. M.R. Srinivasan, Chennai Topic: Matrices in Regression Analysis
21.	Prof. S. Ravi, Mysore Topic: An Invitation to Probability Theory
22.	Dr. K.S. Kuppusamy, PU Topic: Python Programming
23.	Dr. A. Joseph Kennedy, PU Topic: Representations of Algebra
24.	Dr. V.S. Vaidyanathan, PU Topic: Data Mining
25.	Prof. Rajeswari Seshadri, PU Topic: Elliptic Curve Cryptography – An Introduction