



FACULTY FULL NAME: VINOOTH RAMAN

POSITION: ASSISTANT PROFESSOR

Personal Data

Nationality | INDIAN

Date of Birth | ١٣/٠٢/١٩٨١

Department | Statistics Unit, Quality Measurement and Evaluation Department

Official UoD Email | vrrangan@iau.edu.sa

Office Phone No. | ٣٢٥٢٩

Language Proficiency

Language	Read	Write	Speak
Arabic			
English	✓	✓	✓
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
September ٢٠١٢	Doctor of Philosophy in Statistics	Annamalai University	Chidambaram, Tamilnadu, INDIA
February ٢٠١٧	Master of Philosophy in Statistics	Annamalai University	Chidambaram, Tamilnadu, INDIA
April ٢٠١٥	Master of Science in Statistics with computer application	Bharathiar University	Coimbatore, Tamilnadu, INDIA
April ٢٠٠٣	Bachelor of Science in Statistics	Bharathiar University	Coimbatore, Tamilnadu, INDIA

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	A Study of Stochastic Models related to Manpower Planning
M. Phil	A Stochastic Model of Correlation between Time to Seroconversion and the Time to the Manifestation of AIDS
Master	Defect Assessment, Traceability, Improvement and Control in Garment Industry
Fellowship	

Professional Record: (Beginning with the most recent)



Job Rank	Place and Address of Work			Date
1	Assistant Professor	Imam Abdulrahman Bin Faisal University, Kingdom of Saudi Arabia	January 7th 2015	Till date
2	Statistician	Shri Sathya Sai Medical College and Research Institute, Tamilnadu, INDIA	December 1 st 2012	December 2 th 2014

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Thirumurugan Ammasi and R. Vinoth	Cessation Point of HIV Transmission through Stochastic Approach	International Journal of Computational and Theoretical Statistics, Vol. 5 (2), 85-88. 2018
2	Ahmed Al Kuwaiti, R. Vinoth , Arun Vijay Subbarayalu, Sivasankar Prabakaran, Palanivel R.M, Goparaju Anumolu	Computing the Infection Period of HIV and TB Patient through Non-deterministic model	International Journal of Computational and Theoretical Statistics, Vol. 5 (1), 15-18. 2018
3	Ahmed Al Kuwaiti, R. Vinoth , Arun Vijay Subbarayalu, Palanivel R.M, Sivasankar Prabakaran	Predicting The Exit Time of Employees In an Organization Using Statistical Model	International Journal of Scientific & Technology Research, Vol. 5 (12), 213-217. 2016
4	A. Thirumurugan and R. Vinoth	Time to Survival of HIV Environment of the Infected Patients	Journal of Reliability and Statistical Studies, Vol. 9 (2), 91-98. 2016
5	A. Thirumurugan and R. Vinoth	Tracing the High Risk Population of HIV through Cumulative Model	International Journal of Mathematical Archive, Vol. 7(11), 54-59. 2016
6	A. Thirumurugan and R. Vinoth	Multiple aids susceptible population in infected partners	International Journal of Applied Research, Vol. 2(10), 383-386. 2016
7	J. Kalaivani, R. Vinoth and S.R. Elangovan	Sequence of threshold in manpower planning through stochastic models	International Journal of Applied Research, Vol. 1 (2), 25-27. 2015
8	K. Kannadasan, P. Pandiyan and R. Vinoth	Calculating the Expected Time to Control the	Arabian Journal of Business and Management Review,



		Recruitment When System Fails	Vol. 5(5), 2015
9	R. M. Palanivel, R. Vinoth and G. Parameswari	Seroconversion of HIV infected with correlated inter contact times and antigenic diversity threshold with scbz property	International Journal of Multidisciplinary Research and Development, Vol. 2 (3), 548-553. 2015
10	Sunilkumar Jada, Karthika Jayakumar and R. Vinoth	The Panoramic Parasitic Infestation In Patients-P3	Developmental Microbiology and Molecular Biology, Vol 6 (1),1-8. 2015
11	Raja Danasekaran, R. Vinoth	A study on relation between BMI and hypertension among adolescents in Kancheepuram district, Tamil Nadu	International Journal of Applied Research, Vol. 1 (2), 08-12. 2015
12	J. Kalaivani, R. Vinoth and S.R. Elangovan	Survival time to trace the threshold grade level in an organization	International Journal of Multidisciplinary Research and Development, Vol. 1 (5), 22-25. 2014
13	P. Pandiyan, R. Vinoth and K. Kannadasan	Tracing the CD4 count of HIV survival patient with platelet count, prothrombin time and activated partial thromboplastin time through shock model approach	International Journal of Applied Research, Vol. 1 (2), 87-90. 2014
14	Sunil Kumar Jada, Karthika Jayakumar, Priyadarshi Soumyaranjan Sahu, R. Vinoth	Faecolith Examination for Spectrum of Parasitic Association in Appendicitis	Journal of Clinical and Diagnostic Research, Vol. 8 (5), 16-18. 2014
15	Sunil kumar Jada, Senthil kumaran, Karthika Jayakumar, Deeptha vaudavan, R. Vinoth	Study on serological evidence of typhus fever in rural Chennai	The Antiseptic, Vol.111, 389-393. 2014
16	A. Loganathan, R. Vinoth , R.M. Palanivel, K. Kannadasan and P. Pandiyan	Inference on HIV affected People Through Shock Model Approach	International Journal of Pharmaceutical Sciences and Business Management, Vol. 2 (4), 15-22. 2014
17	P.Pandiyan, V.S.Bhuvana, K.Kannadasan and R. Vinoth	Tracing the Threshold Level of the HIV Infected Patients Through Stochastic Model	International Journal of Modern Research and Reviews, Vol.2 (2), 107-111. 2014



18	K. Kannadasan, P. Pandiyan, R. Vinoth and R. Saminathan	Time to Recruitment in an Organization through Three Parameter Generalized Exponential Model	Journal of Reliability and Statistical Studies, Vol.6, 21-28. 2013
19	P. Pandiyan, A. Loganathan, R. Vinoth and K. Kannadasan	Calculating the survival time of HIV patient through three parameter Exponentiated Weibull distribution	Antarctica Journal of Mathematics, Vol.10 (5), 479-487. 2013
20	Pradeep Sukla, D. Raja, D. Jegadeesh Ramasamy and R. Vinoth	Preventing Threshold in Human Immune Virus of Infected Persons through Statistical Model	International Journal of Pharmaceutical Science and Health Care, Vol.1 (2), 43-46. 2013
21	P. Pandiyan, K. Kannadasan and R. Vinoth	Prospective Control in an Organization through Two Grade Systems	4D International Journal of Management and Science, Vol.3 (1), 1-9. 2013
22	P. Pandiyan, K. Kannadasan and R. Vinoth	Predicting the Grade System on Max (Y_1, Y_2) in an Organization through Particular Distribution	International Journal of Research in Management, Vol.4, No.2, 104-112. 2012
23	P. Pandiyan, G. Subash Chandra Bose, R. Vinoth and K. Kannadasan	An Effective Manpower Power Planning approach in an Organization through Two grade system	International Journal of Research in Management, Vol.3, No.2, 110-115. 2012
24	P. Pandiyan, V.S. Bhuvana and R. Vinoth	Model for Calculated Transmission of HIV Threshold using Particular Distribution	International Journal of Advanced Scientific Research and Technology, Vol.3, No.2, 161-167. 2012
25	A. Loganathan, P. Pandiyan, R. Vinoth and K. Kannadasan	A Stochastic Model for Identifying the Threshold Shock Which Follows Three Parameter Generalized Pareto Distribution	International Journal of Mathematical Archive, Vol. 3, No.5, 2130-2134. 2012
26	K. Kannadasan, P. Pandiyan and R. Vinoth	Through Shock Model Impacting the Maximum Sum of Two System in an Organization	Journal of Social Welfare and Management, Vol.4, No.2, 97-101. 2012
27	G. Subash Chandra Bose, P. Pandiyan, G. Sudarvizhi and R. Vinoth	Calculating the Prolonged Length of Service Time through Shock Model in an Organization	Journal of Social Welfare and Management, Vol.4, No.2, 61-64. 2012



28	P. Pandiyan, M. Thirunaukkarasu, R. Vinoth , R.M. Palanivel and K. Kannadasan	Predicting the Threshold in an Organization on Max (Y_1, Y_2, Y_3, Y_4) Through Grade System	International Journal of Mathematical Archive, Vol. 3, No.4, 1342-1346. 2012
29	P. Pandiyan, G. Subash Chandra Bose, G. Sudarvizhi and R. Vinoth	Measuring Expected Time to Recruitment in an Organization through Burr Type X Distribution	International Journal of Mathematics Research, Vol.4, No.2, 95-100. 2012
30	C. Subramanian, R. Rajivgandhi and R. Vinoth	Estimation of the Generalized Logistic Distribution based on the Expected time in Shock Model	Global Journal of Mathematical Sciences: Theory and Practical, Vol.4, No.12, 57-62. 2012
31	C. Subramanian, R. Rajivgandhi and R. Vinoth	Calculating the time for a silent event through the threshold level of HIV seroconversion period	International Journal of Mathematical Archive, Vol.2, No.12, 1-5. 2011
32	P. Pandiyan, R.M. Palanivel, K. Kannadasan and R. Vinoth	Simple computational methods for the analysis of (s, S) type inventory models	International Journal of Current Research, Vol. 33 (3), 60-67. 2011
33	R. Saravanan, R. Ganapathi Raman, G. Thiruppathi and R. Vinoth	Status of Lactating Women in Salem District, Tamilnadu: A Study	International Journal of Pharm Tech Research, Vol.3, No.1, 393-396. 2011
34	P. Pandiyan, R. Agasthiya, R.M. Palanivel, K. Kannadasan and R. Vinoth	Expected Time to Attain the Threshold Level Using Multisource of HIV Transmission - Shock Model Approach	International Journal of Pharm Tech Research, Vol.3, No, 2: 1088-1096. 2010
35	P. Pandiyan, K. Kannadasan, R. Vinoth and R. Saminathan	Stochastic Model for Mean and Variance to Recruit Manpower in Organization	Advances in Applied Mathematical Analysis, Vol.5, No.1: 77- 82. 2010
36	R. Rajivgandhi, A. Ganesan, R. Vinoth and K. Kannadasan	Left and Right censoring for expected time to Seroconversion - A Shock model approach	Journal of Recent Research in Science and Technology, Statistics, Vol.2 (3): 80-85. 2010
37	S. Parthasarathy, R. Vinoth and M. Chitra	Expected Time to Recruitment in Single Graded Manpower System When Threshold has Gamma Distribution	Asian Journal of Science and Technology, Vol.1: 23-27. 2010
38	S. Parthasarathy, M.K. Ravichandran and R. Vinoth	An Application of Stochastic Models - Grading System in	International Business Research, Vol.3 (2): 79-86. 2010



		Manpower Planning	
39	S. Parthasarathy and R. Vinoth	Determination of Expected Time to Recruitment in Manpower Planning	Journal of Recent Research in Science and Technology, Mathematics and Engineering, Vol.1 (3): 147-150. 2009

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Vinoth Raman	Expected Time to Recruitment in a Two Grade Marketing Organization	International Conference on Indigenous Management Practice (ICIMP), ١٦-١٨, July 2009
2	Vinoth Raman	Determination of Expected Time to Recruitment in Manpower Planning	International Conference on Operations Research applications in Engineering and Management (ICOREM), ٢٧-٢٩, May ٢٠٠٩
3	Vinoth Raman	Defect Assessment, Traceability, Improvement and Control in Garment Industry	National Seminar on Statistics and its Application, ١٩-٢٠, January ٢٠٠٧

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Vinoth Raman (The Tuberculosis Association of India under Platinum Jubilee Scheme)	Stochastic model to detect the HIV and TB patients through socio- behavioral studies	٢٠١٤

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution



Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	M.B.B.S	2 nd , 3 rd and 4 th year	Weekly 0 hours

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Biostatistics and its application in medical field

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	M.D (Community Medicine and Pathology)	1 st and 2 nd year	Weekly 3 hours
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	Biostatistics and its application in medical field
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
	Ph.D. (Co-guide)	Stochastic Process	Annamalai University	2016 till date

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time



Volunteer Work

#	From	To	Type of Volunteer	Organization

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Handling Statistical Packages
2	

Last Update

26/11/2018