

DEPARTMENT OF MATHEMATICS

1	Name	Dr. K. ELANGO VAN		
2	Designation	ASSOCIATE PROFESSOR		
3	Qualification	M.Sc., M.Phil., MBA., Ph.D.,		
4	Age & DOB	46, 29-05-1977		
5	Date of first appointment	22.11.2004		
6	Date of joining in Govt. service	13.10.2008		
7	Research Experience (years)	5 Years		
8	Area of Research	Stochastic Processes (Manpower Planning)		
9	Research Guidance (No)		M. Phil	Ph. D.
		Guided	01	--
		Guiding	--	--
		Others	--	--
10	Research Papers (No)	09		
11	Books published (No)	-		
12	Major/Minor Projects	-		
13	Conference Participation	07		
14	Conference Organized	01		
15	Awards/Honours Received	--		
16	Extension Activities	NSS Programme Officer – November 2021 onwards		
17	Administrative Position in college	Committee member in Digital Library (2014 - 2017) and RUSA – June 2014 onwards		
18	Membership in academic / Professional bodies	Member in Board of Studies in RSG College, Thanjavur – 5.		
19	Others (relevant to academic activity)	Examiner in various Autonomous Colleges in and around Thanjavur.		
20	For Correspondence	Mobile Number	9894619106	
		Mail id	mkelango@ymail.com	

Acted as Resource Person / Special Lecture / Guest Lecture:

1. Delivered a Special lecture on **Application of Stochastic Processes in Manpower Planning** held on 24.08.2022 organized by Department of Mathematics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503.
2. Acted as Resource Person and Chief Guest for **One day Workshop on LATEX for Research Writing** held on 22.02.2023 organized by Maruthupandiyar College, Thanjavur – 613 403.
3. Delivered a Special lecture on "**Contemporary Issues in Intellectual Property Rights**" a IPR Programme organized by Department of Mathematics and IIC held on 19.09.2023 Bon Secours College for Women, Thanjavur – 613 006.

Participated in Orientation /Refresher Courses:

1. Participated in the Oriented Course (Intensive Training Programme) conducted for the newly recruited Govt. Arts and Science college teacher held from **13. 10. 2008 to 08. 11. 2008** organized by Tamil Nadu State Council for Higher Education and University Grants Commission - Academic Staff College, **University of Madras**.
2. Participated in UGC sponsored Refresher Course in **Mathematics**, Academic Staff College, held from **10.11.2010 to 30.11.2010**, Bharathiasan University, Tiruhirappalli - 23.
3. Participated in UGC sponsored Refresher Course in **Mathematics**, Academic Staff College, held from **03.07 2013 to 23.07.2013**, Bharathiasan University, Tiruhirappalli – 23
4. Participated in UGC-Sponsored Refresher Course in **Mathematics** from **23.10.2017 to 11.11.2017** Organized by UGC-Human Resource Development Centre, Sri Venkateswara University, Tirupati – 517 502 (A.P).
5. Participated in UGC-Sponsored Online Refresher in **Mathematics & Statistics** from **08.09.2021 to 21.09.2021** Organized by UGC-Human Resource Development Centre, Bharathiar University, Coimbatore – 46.
6. Participated in Online Refresher Course "**Managing Online Classes and Co-creating MOOCS 22.0**" from **07.01.2023 to 21.01.2023** organized by Teaching Learning Centre, Ramanujan College, University of Delhi.

Presented a Paper in State / National / International Seminar and Conference

- [1] Presented a paper entitled as “**Variance of Time to Recruitment for a Single Grade Manpower System with Correlated Inter-Decision Times and Wastages as Order Statistics**” in Management Science and Practice, IIT Chennai, September 9-10, 2016.
- [2] Presented a paper entitled as “**Variance of Time to Recruitment for a Single Grade Manpower System using Order Statistics for Inter-Decision Times and Wastages**” in the International Conference on Mathematical Modeling and Computational Methods in Science and Engineering (ICMMCME-2017), organized by Alagappa University, Karaikudi, February 22, 2017.
- [3] Presented a paper entitled as **Analysis on Hiring Time in Workforce Structure with Voluntary and Involuntary Clump of Egresses and Constant Threshold** in the Heber International Conference on Applied Mathematics, Management, Computer Science and Statistics (HICAMMCS – 2022) held on 18th March 2022, organized by PG and Research Department of Mathematics, Bishop Heber College (Autonomous), Trichy-620 017.
- [4] Presented a paper entitled as **Hiring Time in a Workforce Structure with Clump of Egresses and Two Thresholds** in the International Conference on Scientific and Technological Advancement for Reliable and Sustainable – future (STARS-2022) held from 16.11.2022 to 18.11.2022, organized by Deanery of Academics and all the Science Departments at Bishop Heber College (Autonomous), Trichy-620 017.
- [5] Presented a paper entitled as **Analysis on Hiring Time in Workforce Structure with Clump of Voluntary and Involuntary Egresses and Two Thresholds** in the International Conference on Dynamic Business Environments held at St. Joseph’s Institute of Management (JIM) on January 09, 2023.
- [6] Presented a paper entitled as **Performance Measures on Time to Hiring in a Single Grade Workforce Structure with Two Sources of Classified Egresses in Clusters and Two Thresholds** in the Crescent International Conference on Applied Mathematics, Actuarial Science, Management, Computer Science (CICAMAMC – 2023) held on 11th January 2023, organized by Department of Mathematics and Actuarial Science, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai – 600 048.
- [7] Presented a paper entitled as **Time to Hiring for a Single Grade Workforce Structure with One Source of Classified Egresses and Independent Thresholds** in the International Conference on Mathematical Modeling (ICMM – 2023) held on 27th and 28th January 2023, organized by Department of Mathematics, Bharathiar University, Coimbatore – 46.

List of publication in international journals

1. Expected time to recruitment in single grade manpower system under correlated wastages, International Journal of Innovative Science, Engineering & Technology, **2(7)**, 79-85, July 2015, ISSN : 2348 – 7968.
2. A Stochastic Model for Expected Time to Recruitment in a Single Grade Manpower System with Discrete Loss of Manpower and Inter-decision Times as Order Statistics, International Journal of Science Technology and Management, **5(6)**, 290-297, June 2016, ISSN (Online): 2394-1537, (Print): 2394-1529.
3. Variance of Time to Recruitment for a Single Grade Manpower System with Inter-Decision Times Based On Order Statistics Using Univariate MAX Policy of Recruitment, Aryabhata Journal of Mathematics & Informatics, **8(2)**, 165-168, July-December 2016, ISSN (Online): 2394-9307, (Print): 0975-7139. **(SCOPUS Indexed)**
4. Stochastic Model for Expected Time To Recruitment in a Single Grade Manpower System Under Correlated Wastages and Correlated Inter-Decision Times, Aryabhata Journal of Mathematics & Informatics, **8(2)**, 227-230, July-December 2016, ISSN (Online): 2394-9307, (Print): 0975-7139. **(SCOPUS Indexed)**
5. Variance of Time to Recruitment for a Single Grade Manpower System with Correlated Inter-Decision Times and Wastages as Order Statistics, in Annals of Management Science, **5(2)**, 49-57, November 2017, ISSN (Online): 2161-5004, (Print): 2161-5012, <https://digitalscholarship.tnstate.edu/ams/vol5/iss2/3>
6. Variance of Time to Recruitment for a Single Grade Manpower System using Order Statistics for Inter-Decision Times and Wastages, in International Journal of Applied Engineering Research, **13(14)**, 11559-11564, 2018, ISSN: 0973-4562 **(UGC-Approved)**
7. Time to Recruitment in a Single Grade Manpower System with Inter-Decision Times Forming Order Statistics, Journal of Computer and Mathematical Sciences, **9(10)**, 1477-1489, October 2018, ISSN (Online):2319-8133, (Print) :0976-5727, DOI : <http://dx.doi.org/10.29055/jcms>. **(UGC Approved).**

8. A Stochastic Model on Time to Recruitment in a Single Grade Manpower System with Cluster of Exits, International Journal of Aquatic Science, ISSN: 2008-8019 Vol 12, Issue 02, pp: 2748-2752, June 2021.
9. Analysis on Hiring Time in Workforce Structure with Voluntary and Involuntary Clump of Egresses and Constant Threshold, Advances and Applications in Mathematical Sciences, Volume 21, Issue 8, June 2022, Pages 4625-4633 © 2022 Mili Publications, India.

Workshop

1. Attended UGC sponsored One Day State Level Workshop on LATEX organized by PG and Research Department of Mathematics, Rajah Serfoji Govt. College (Autonomous), Thanjavur-613005, on 04.03.2014.
2. Attended in UGC sponsored Two Day State Level Workshop on Graph theory and Stochastic Processes organized by PG and Research Department of Mathematics, Rajah Serfoji Govt. College (Autonomous), Thanjavur-613005, on 26.08.2013 and 27.08.2013.