NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF DESIGNATION DEPARTMENT :Dr.S.Dhivya :Assistant Professor :Mathematics



1.	CONTACT	
	Address	: 97/2, Mariamman Kovil St., Mannachanallur,
		Trichy-621 005.
	Contact Phone (Mobile)	: 8531816125
	Contact e-mail(s)	:sdhivyamath@gmail.com

2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
B.Sc.	Holy Cross College, Trichy.	2008
M.Sc.	Bishop Heber College, Trichy	2010
M.Phil.	Bishop Heber College, Trichy	2011
Ph.D.	Bharathidasan University, Trichy	2018

3. TEACHING EXPERIENCE

S. No.	Institution	Dunation	No. of Years		
	Institution	Duration	UG	PG	
1	Srinivasan Engineering College,	27.07.2011-	6years	6 40000	
	Perambalur.	21.05.2018	10months	o years	
2	CAPE Crown of Institutions, Trishy	11.06.2018-	2years	9	
	CARE Group of Institutions, Tricny.	25.07.2020	1month	Zyears	
3	Nehru Memorial College,	10.02.2021-	10 months		
	Puthanampatti.	till date			

RESEARCH EXPERIENCE (in years) : 10

AREA OF RESEARCH

4.

5.

Stochastic Process

6**. PUBLICATION(S) (In Numbers)

Journ	al(s)	Proceeding(s)			
International	National	International	National		
12	1	4	1		

Cumulative Impact Factor (as per JCR)	11.1
h-index	Scopus-2
	Web of Science- 1
Total Citations	10(ResearchGate)

7**. PRESENTATION(S) (In Numbers)

Events	International	National
Conference(s)	4	1

8**. PARTICIPATION (In Numbers)

Events	International	National
Conference(s)	3	1
Seminar(s)	1	-

9**. **PROFESSIONAL DEVELOPMENT (In Numbers)**

Faculty Development Programme(s): 3

10. DISTINCTIVE ACHIEVEMENT(S) / RECOGINITION(S) / AWARD(S)

- Received Gold Medal for District I Rank in X std. among Govt. School level.
- District III Rank in XII std. among Govt. School level and School I Rank in XII std.
- College I Rank in M.Sc., Mathematics.
- College I Rank in M.Phil., Mathematics

11. ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

- Acted as **HOD in-charge** for Department of Mathematics in Srinivasan Engineering College (2016-2018).
- Acted as Assistant HOD for Department of Science & Humanities in Srinivasan Engineering College (2015-2018).
- Library In-Charge for Department of Mathematics in Srinivasan Engineering College (2013-2015) & (2017-2018).
- **Exam cell Member** in CARE Group of Institutions (2018-2019).
- Placement Cell Member in CARE Group of Institutions (2018-2019).
- **Department in-charge** for Mathematics in CARE Group of Institutions (2018-2019).

12. DETAILS OF MEMBERSHIP

Referee (Peer Reviewed Journal)1

13. DETAILS OF PUBLICATIONS

(a) JOURNAL(S)

S. No	Name of the author/s	Title of the paper with e-link	Nation al/ Intern ational	Name of journal	Volume Page No & Year	ISSN
1	Dhivya, S., Srinivasan, A., & Mariappan, P.	Stochastic models on time to recruitment in a two grade manpower system using different policies of recruitment <u>https://www.resear</u> <u>chgate.net/publicati</u> <u>on/268366461</u>	Interna tional	Recent Research in Science and Technolo gy	Vol 3 Issue4, pp.162- 168, 2011	
2	Dhivya, S., & Srinivasan, A.	Stochastic model for time to recruitment under two sources of depletion of manpower associated with different renewal process <u>http://erlibrary.org/ab</u> <u>stract.php?journalna</u> <u>me=3&archiveid=87&</u> <u>action=fulltext</u>	Interna tional	Internati onal Journal of Revolutio n in Science and Humanit y	Vol 2 Issue 1, pp.45-51, 2013	
3	Dhivya, S., & Srinivasan, A.	Stochastic model for time to recruitment under two sources of depletion of manpower using univariate Policy of recruitment. <u>http://www.ascent- journals.com/IJMRAE</u> /Vol5No4/3-S.Dhivya- 526.pdf	Interna tional	Internati onal J. of Multidisp l. Research & Advcs. in Engg,	Vol 5 Issue 4, pp.17- 26, 2013	

4	Dhivya, S., & Srinivasan, A.	Estimation of variance of the time to recruitment under two sources of Depletion. <u>http://citeseerx.ist.psu</u> <u>.edu/viewdoc/downloa</u> <u>d?doi=10.1.1.445.6261</u> <u>&rep=rep1&type=pdf</u>	Interna tional	Internati onal Journal of Advanced Computer Research,	Vol 3 Issue 4, pp.74- 78, 2013	
5	Dhivya, S., & Srinivasan, A.	Variance of the time to recruitment for a two grade manpower system with two sources of depletion <u>https://www.a</u> <u>sianacademicresearch</u> <u>.org/2014 abstract/feb</u> <u>ruary2014/22.pdf</u>	Interna tional	Asian Academic Research Journal of Social Science & Humaniti es	Vol 1, pp.258- 266. 2014	
6	Dhivya, S., & Srinivasan, A.	Time to recruitment for a two grade manpower system under two sources of depletion of manpower using univariate max policy of recruitment based on shock model approach. <u>http://aarf.asi</u> <u>a/applied2.php?p=Vol</u> <u>ume1,Issue7,Decemb</u> <u>er2014</u>	Interna tional	Internati onal Research Journal of Natural and Applied Science	Vol 1 Issue 7, pp.147- 157 2014	2349- 4077
7	Dhivya, S., & Srinivasan, A.	Time to recruitment in a two grade manpower system with two types of policy decisions and two sources of depletion using univariate max policy of recruitment. <u>https://www.worldwid</u> <u>ejournals.com/indian- journal-of-applied- research- (IJAR)/article</u> <u>s.php?val=NTc3Mw=</u> <u>=&b1=437&k=110</u>	Interna tional	Indian Journal of Applied Research	Vol 5 Issue2, pp.403- 409. 2015	

8	Dhivya, S., & Srinivasan, A.	Estimation of variance of time to recruitment for a two grade manpower system with two sources of depletion and two types of policy decisions when the breakdown threshold has three components. <u>https://ijpam.eu/conte</u> <u>nts/2015-100-</u> <u>2/index.html</u>	Interna tional	Internati onal Journal of Pure and Applied Mathema tics	Vol 100 Issue 2, pp.211-224 2015	1311- 8080
9	Dhivya, S., & Srinivasan, A.	Time to Recruitment in a Two Grade Manpower System under Two Sources of Depletion Associated with Different Renewal Processes. <u>http://www.re</u> <u>searchmathsci.org/ap</u> <u>amart/apam-v9n2- 6.pdf</u>	Nationa 1	Annals of Pure and Applied Mathema tics	Vol 9 Issue 2, pp.183- 189 2015	
10	Dhivya, S., & Srinivasan, A	Time to recruitment in a two grade manpower system with two sources of depletion and correlated inter-policy decision times. <u>http://www.ijs</u> <u>tm.com/images/short</u> <u>pdf/1427094600_1042</u> <u>.pdf</u>	Interna tional	Internati onal Journal of Science, Technolo gy & Managem ent	Vol 4 Issue1 pp. 1070- 1077 2015	2394- 1537
11	Dhivya, S., & Srinivasan, A	Time to recruitment for a two grade manpower system with two sources of depletion and correlated inter-policy decisions times using univariate MAX policy of recruitment <u>http://www.ijesrt.com/</u> <u>July-2015.html</u>	Interna tional	Internati onal Journal of Engineeri ng Sciences & Research Technolo gy	Vol 4 Issue7, pp.917-921 2015	2277- 9655
12	Dhivya, S., & Srinivasan, A	Estimation of performance measures related to time to recruitment in a two grade manpower system with two sources of depletion, correlated	Interna tional	Internati onal Journal of Applied Engineeri ng Research	Vol 10 Issue14, pp.34586- 34590 <i>2015</i>	0973- 4562.

		inter-decisions and three components for threshold, <u>https://www.ripublica</u> <u>tion.com/Volume/ijaer</u> <u>v10n14.htm</u>				
13	Dhivya, S., Elangovan K., Ravichandran G. & Srividhya K.	A Stochastic model on time to recruitment in a single grade Manpower system with cluster of exits <u>http://www.journal-</u> <u>aquaticscience.com/ar</u> <u>ticle 134264.html</u>	Interna tional	Internati onal Journal of Aquatic Science	Vol 12 Issue2, pp.2747- 2752 <i>2021</i>	2008- 8019

S. No.	Name of the author/s	Title of the paper	Natio nal/ Inter natio nal	Name of Conference	Year
1	Dhivya, S., Srinivasan, A., & Vasudevan, V.	Stochastic Models for the Time to Recruitment in a Two Graded Manpower System using same Geometric Process for Inter decision Time	Inter natio nal	International Conference on Mathematical and Computational Models, PSG College of Technology, Coimbatore, Tamil Nadu, India	2 011
2	Dhivya, S., Srinivasan, A., & Manikandan , M	Stochastic Model for in time to Recruitment in a Two Graded Organization using a bivariate Policy of Recruitment	Inter natio nal	the Heber International Conference on Applications of Mathematics and Statistics, Bishop Heber College, Tiruchirappalli, Tamil Nadu, India	2 012
3	Dhivya, S., Srinivasan, A., Manikandan , M	Stochastic Models for Mean Time Recruitment in a Two Graded Organization with Inter decision Time as a Geometric Process and a Bivariate policy of Recruitment	Natio nal	National Conference on Mathematical Techniques and its Applications, SRM University, Chennai, Tamil Nadu, India.	2 012

(b) **PROCEEDING(S)**

4	Dhivya, S. & Srinivasan, A.	Estimation of variance of time to recruitment for a two grade manpower system with two sources of depletion and two types of policy decisions	Intern ationa l	International Conference on Mathematics And its Applications, Anna University, Villupuram, Tamil Nadu, India.	2 014
5	Dhivya, S. & Srinivasan, A.	Time to recruitment in a two grade manpower system with two sources of depletion and correlated inter-policy decision times	Intern ationa l	International Conference on recent trends in Engineering Science and Management, Jawaharlal Nehru University, Convention centre, New Delhi, India.	2 015

14. DETAILS OF PRESENTATION(S)

(Conference(s) / Seminar(s))

q		Name of the National/			
D. No	Name of the Paper	Conference /	Internati	Place	
NO.		Seminar	onal		
1	Stochastic Models for the Time to Recruitment in a Two Graded Manpower System using same Geometric Process for Inter decision Time	International Conference on Mathematical and Computational Models 2 011	Internation al	PSG College of Technology, Coimbatore, Tamil Nadu, India	
2	Stochastic Model for in time to Recruitment in a Two Graded Organization using a bivariate Policy of Recruitment	Heber International Conference on Applications of Mathematics and Statistics 2 012	Internation al	Bishop Heber College, Tiruchirappalli, Tamil Nadu, India	
3	Stochastic Models for Mean Time Recruitment in a Two Graded Organization with Inter decision Time as a Geometric Process and a Bivariate policy of Recruitment	National Conference on Mathematical Techniques and its Applications 2 012	National	<i>SRM University,</i> Chennai, Tamil Nadu, India.	
4	Estimation of variance of time to recruitment for a	International Conference on	Internation al	Anna University, Villupuram, Tamil	

two grade manpower	Mathematics	Nadu, India
system with two sources of	And its	
depletion and two types of	Applications	
policy decisions	2014	

15. DETAILS OF PARTICIPATION

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

I	S. No.	Name of the event(s)	Conducted by	Place	Duration/ Date
	1	International webinar on thr role of applied mathematics in present global crises	Vidyasagar University	Midnapore	5-7 th Augusst 2020

16. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Conducted by	Place	Duration/ Date			
Faculty Development Programme							
1	Faculty Development Programme –Bridge Course on Mathematics A two - day Faculty Development Programme on Linear Algebra and Partial	- Anna University chennai K. Ramakrishnan College of Engineening	Chennai Trichy	20.06.2014 - 21.06.2014 29.06.2018- 30.06.2018			
3	Differential Equations & Graph Theory and its Applications A two day online Faculty Development Programme on Project Proposals for funding	Patrician college		16. 05.2020- 17. 05.2020			
	agencies						