

## CURRICULUM VITAE

As on 05-04-2023



1. Name : Dr. V. KRISHNAN
2. Sex : Male
3. Designation : Assistant Professor of Mathematics
4. Date of Birth : 01.06.1987
5. Address for Communication:

**Residence**

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Department of Mathematics (SF)  
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6. Educational Qualification :

College	University	Exam Passed	Year	Class
Srimad Andavan Arts and Science College,t.v.kovil-trichy-5	Bharathidasan University	B.Sc	2007	Second
Jamal Mohamed college, Trichy-20	Bharathidasan University	M.sc	2009	First
Jamal Mohamed college,Trichy-20	Bharathidasan University	PGDCA	2009	First
Jamal Mohamed college,Trichy-20	Bharathidasan University	M.Phil	2010	First with distinction
Annamalai university(DDE)	Annamalai university	PGDAOR	2012	Second
Tamilnadu Open University(DDE)	Tamilnadu Open University	M.Sc(Psy)	2017	Second
Srimad Andavan Arts and Science College,t.v.kovil-trichy-5	Bharathidasan University	Ph.D	2019	Commended

7. Experience

Undergraduate : 12 Years 6 months

Postgraduate : 12 Years 6 months

8. Language Known : English, Tamil
9. Area of Specialization :  
Operations Research

10. Subjects Taught

Undergraduate :  
 1. Differential Equations and Vector Calculus  
 2. Probability and Statistics  
 3. Calculus  
 4. Numerical Methods and Statistics

Postgraduate : 1. Topology  
 2. Ordinary Differential Equations  
 3. Functional Analysis  
 4. Mathematical Foundations

MSc Project completed: 3

M.Phil : Research Methodology

M.Phil. Project completed (Part time) – 2

Ph.D.- Part time –Pursuing - 4

Name Register Number	Title of the Project	Completed Year
ARUNACHALAM S <b>20MPPMA004</b>	A STUDY ON FUZZY ALGEBRAIC PROPERTIES OF FUZZY GROUP	2022
M.JAYASANKAR <b>20MPPMA009</b>	A STUDY ON GROUP ON L-FUZZY GROUP AND L-FUZZY I- GROUP	2022

Research Advisor:

MPhil: **Ref.No:22328/MPhil/R. A/Mathematics/2019/08.01.2020**

PhD: **Ref.No:012876/Ph.D./K12/Mathematics/R. A/27.11.20**

11. Seminars / Conferences / Workshops Attended:

Title of the Paper	Name of the Seminar & Places	Date of Seminar
TEQIP-II sponsored two – day workshop on ‘STOCHASTICMODELING IN SYSTEM ENGINEERING’- SMISE2014	Department of Mathematics Coimbatore Institute of Technology, Coimbatore, Tamilnadu	14 <sup>th</sup> &15 <sup>th</sup> March2014
Four day Workshop on “LATEX and SPSS”	PG and Research Department of Mathematics, Jamal Mohamed College Trichy-20	26,29, 30-09-2014 and 1-10-2014

one-day National level seminar on Graph theory Algorithms and Modeling (gam-2010)	PG and Research Department of Mathematics, Jamal Mohamed College Trichy-20	19 <sup>th</sup> March2010
The seminar on crating competitiveness to excel in higher education a TQM approach	Internal Quality Assurance cell, Jamal Mohamed college (Autonomous) Trichy-20, on.	8 <sup>th</sup> December2010
Teaching, learning and research in higher education –Excellence and Beyond Excellence	Seminar , Internal Quality Assurance Cell, JMC, Trichy-20	07-03-2012
UGC sponsored one day National seminar on Applications of Mathematics.	PG & Research Department of Mathematics, Jamal Mohamed college, Trichy-20	22-02-2012
UGC Autonomous Grant National seminar on examination reforms	Jamal Mohamed college (autonomous) Trichy	24-02-2012
UGC sponsored one day National seminar on Discrete Mathematics And Its Applications	PG & Research Department of Mathematics, Jamal Mohamed college, Trichy-20	09-03-2013
Advanced Computing	National Conference Organized PG And Research Dept. Of Computer Science, JMC Trichy -20	07-03-2013
Introduction To People Empowering People	one-day faculty development Program Conducted by ICT Academy of TamilNadu	13-12-2014
Computing and Communication Technologies	State level seminar organized by P.G Department of technology ,JMC ,Trichy-20	25-02-2015
Advanced Computing	National Conference Organized PG And Research Dept. Of Computer Science, JMC Trichy-20	05-03-2015
One day Faculty Enrichment Program Use of NLP Techniques in Teaching	Department of Information Technology is Association with ICT Academy of Tamilnadu Jamal Mohamed College,Trichy.-20	05-03-2016
Computing and Communication Technologies	National Conference on computing and communication technologies (NCCCT-2016) Organized PG And Research Dept. Of Computer Science, JMC Trichy-	17-09-2016
“How a teacher should be in the present scenario?”	National level one day work shop organized by IQAC,Jamal Mohamed College,Trichy.-20	03-12-2016
Six days Workshop on Research Methodology and SPSS (UGC Autonomous Grant)	PG & Research Department of Mathematics, Jamal Mohamed college, Trichy-20	20 to 25-10-2016
“Presentation Skills”	Two day faculty development programme – organized by PG department of information technology with ICT Academy.	23-02-2017 & 24-02- 2017

Advanced Computing	National Conference Organized PG And Research Dept. Of Computer Science, JMC Trichy-20	15-03-2017
Teaching Knowledge Test (TKT)	One day workshop Organized by Kongu College of Arts and Science, Karur.	18-08-2018
Professional Development For Academic Leadership In Curriculum Design	UGC CPE Sponsored Two Day Workshop On Professional Development For Academic Leadership In Curriculum Design Organized By Curriculum Development Cell, Jmc Trichy-20	18-01-2019 & 19-01-2019
Staff Enrichment Programme on Ownership Culture,	One day work shop organized by IQAC, Jamal Mohamed College, Trichy.-20	14-06-2019
Orientation Programme on MOOC's and e-learning	Department of Library, Jamal Mohamed college, Trichy-20	29-01-2020
Orientation Programme On Preparing Course Outcomes in the Curriculum Design	Curriculum Development Cell Jamal Mohamed college, Trichy-20	03-01-2020
Three-day International Workshop On E-Content Development for MOOCs among the Faculty Members	Digital Education Cell, Alagappa University, Karaikudi (Sponsored under RUSA 2.0 Scheme)	10,12 & 13-09-2019
National symposium On Digital Technologies for Research Impact and Information Quality	Department of Library and Information Science , Bharathidasan University, Trichy-24	22 and 23-08-2019
Five day International workshop on Mathematics Meets The World :Recent Trends and Developments	School of Advanced Sciences Department of Mathematics Vellore Institute of Technology, Vellore	Janury30-February 03,2020
International Workshop on "Python Programming"	PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-20	18-02-2020
One week online Short term Course on Library and Information Science	Jointly Organized by Manonmaniam Sundaranar university and Madras Library Association	17 to 24-07-2020

12. Papers Presented / publication:

<b>Title of the Paper</b>	<b>Name of the Seminar &amp; Places</b>	<b>Date of Seminar</b>
The Cumulative Damage System In Stochastic Processes	International Conference on Mathematical Methods and Computation (ICOMAC 2015) , PG & Research Dept. of Mathematics, JMC, Trichy-20	22 & 23-01-2015
Reliability Availability and Maintainability Analysis of The Systems	International Conference on Mathematical Methods and Computation (ICOMAC 2017) organized by the P.G.& Research Department of Mathematics, JMC, Trichy-20	11-12-2017

RAM Modelling and LHD System Analysis Using a Markov Model	Journal of The Indian Academy of Mathematics	January 2015 Volume -37 Issue -1 ISSN: 0970-5120 Page No .143-157
B-Model And FM-Model in Stochastic Processes	Aryabhata Journal of Mathematics and Informatics <b>SJIF(2014): 4.1</b>	July-Dec.,2015 Volume -7 Issue -2 ISSN: 0975-7139 Page No .243-250
A Mathematical Model In Neuronal Brain Activity	Bulletin Of Pure And Applied Sciences,(Math & Stat)	Jan.-Dec.,2015 Volume -34E Issue -(1-2) ISSN: 0970-6577 Page No .15-21
A Study of Bulldozers in Reliability Analysis	International Journal of Innovative Research in Science, Engineering and Technology	September 2016 Volume -5 Issue -9 ISSN: 2347-6710 Page No .18830-18837
A Study on System Reliability in Weibull Distribution	Journal of International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	March 2017 Volume -5 Issue -3 ISSN: 2321-2004 Page No .38-41
A Study on Reliability Analysis of Haul Trucks	International Advanced Research Journal in Science, Engineering and Technology	March 2017 Volume -4 Issue -3 ISSN: 2394-1588 Page No .76-85
Reliability Availability and Maintainability Analysis of the Systems	Journal of Mathematics and Informatics	December 2017 Volume -11 ISSN: 2349-0632 Page No .131-141
Mathematical Computation of Neuronal Transmission of Information	International Journal of Psychosocial Rehabilitation	March 2020 Volume -24 Issue -06 ISSN: 1475-7192 Page No .17828-17836 (Scopus)

Reliability Availability & Maintainability (RAM) Matrix and its Implication on System Consistency	Journal of Critical Reviews	July 2020 Volume -7 Issue –15 ISSN: 2394-5125 Page No .5866-5878 (Scopus)
A Study on Availability on Centrifugal Pump	International Conference on Mathematical Methods and Computation (ICOMAC 2019) organized by the P.G.& Research Department of Mathematics, JMC, Trichy-20	20 & 21-02-2019
Artificial Intelligence based Electronics Engineering Software Application System	Proceedings of the 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023)	IEEE Xplore Part Number: CFP23P17-ART; ISBN: 978-1-6654-7467-2 24 and 25 Jan 2023

### 13. Department Activities:

S.No	Date(s)	Name of the activity/topic of lecture	Name of the place and address
1.	19.02.2020	Executive Committee Member	International Conference on Mathematical Methods and Computation (ICOMAC 2020) organized by the P.G.& Research Department Mathematics, JMC, Trichy-20
2.	20 & 21-02-2019	Executive Committee Member	International Conference on Mathematical Methods and Computation (ICOMAC 2019) organized by the P.G.& Research Department Mathematics, JMC, Trichy-20
3.	11.12.2017	Executive Committee Member	International Conference on Mathematical Methods and Computation (ICOMAC 2017) organized by the P.G.& Research Department Mathematics, JMC, Trichy-20

### 14. Online Course:

S.No	Duration	Name of the activity/topic of lecture	Name of the place and address
1.	Jul – Sep 19 (8 weeks)	Operations Research	NPTEL Online Certification

## 15. Membership:

### Life Membership

- Indian Mathematical Society (IMS)
- Ramanujam Mathematical Society (RMS)
- The Madras Library Association (MALA)
- Operational Research Society of India(ORSI)

### Board of studies

- Member – Department of Mathematics, Jamal Mohamed College, Trichy.
- Member – Department of Mathematics, Srimad Andavan arts and Science College, Trichy-620005.

## 16. Refresher Course:

1. Refresher course for college Teachers in Kerala State –I during 09-12 August 2018 at Kerala School of Mathematics. Kerala-673 571.
2. Four-Week Online Induction Training / orientation Programme for “FACULTY IN UNIVERSITIES/COLLEGES/INSTITUTIONS OF HIGHER EDUCATION” from 17 September - 16 October 2021 and obtained Grade A+, Ramanujan College University of Delhi.
3. Two - WEEK REFRESHER COURSE IN “MATHEMATICAL SCIENCES” from 26 September- 10 October, 2022 and obtained Grade B+.
4. Two - WEEK REFRESHER COURSE IN “MATHEMATICAL SCIENCES” from 28 January- 11 February, 2023 and obtained Grade A.

## 17. Typewriting:

Junior Grade - Typewriting English –Second class –February-2007.