



Dr. N. ANBAZHAGAN

Professor and Head

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Madurai Kamaraj University, Madurai.	2002	Mathematics	Awarded
M.Phil.	Madurai Kamaraj University, Madurai.	1996	Mathematics	I
M.Sc.	CPA College, Bodinayakanur.	1995	Mathematics	I
PGDCA	ICC and CE of Madurai Kamaraj University, Madurai.	1996	Mathematics	II

Teaching Experience: 22 years

Position	Institution	Duration	
		From	To
Professor	Alagappa University, Karaikudi.	09.03.2013	Till date
Associate Professor	Alagappa University, Karaikudi.	09.03.2010	08.03.2013
Reader	Alagappa University, Karaikudi.	09.03.2007	08.03.2010
Lecturer	Thiagarajar College of Engineering, Madurai	26.09.2001	08.03.2007

PDF/ Visiting Professor : Abroad

Position	Institution	Duration	
		From	To
Collaborator	University of Kiel, Kiel, Germany	08.06.2006	18.06.2006

Research Experience: 22 years

Position	Institution	Duration	
		From	To
Professor	Alagappa University, Karaikudi.	09.03.2013	Till date
Associate Professor	Alagappa University, Karaikudi.	09.03.2010	08.03.2013
Reader	Alagappa University, Karaikudi.	09.03.2007	08.03.2010
Lecturer	Thiagarajar College of Engineering, Madurai	26.09.2001	08.03.2007

Academic and Additional Responsibilities

S.No.	Position	University Bodies	Period	
			From	To
1.	Head	Department of Mathematics	June 05, 2015	Till date
2.	Chairperson	School of Mathematics	June 22, 2015	Till date
3.	Special Officer (projects)	Alagappa University	March 18, 2022	Till date
4.	Member	Senate, Alagappa University	June 05, 2015	Till date
5.	Member	Standing Committee on Academic Affairs	June 05, 2015	Till date
6.	Coordinator	University Business Collaboration Centre	August 07, 2019	Nov. 04, 2022
7.	Coordinator	UGC-SAP(DRS-I)	2016	2021
8.	Coordinator	DST-FIST(Level-I)	2021	2026
9.	Theme Coordinator	RUSA 2.0	2018	Till date

Areas of Research

- Stochastic Inventory Modelling
- Graph theory
- Data mining

Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	PDF	01	--
	Ph.D.	12	04
	M.Phil.	50	01
Project	PG	93	10

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
110	09	02	--	Edited Book – 02 Book Chapters - 04

Cumulative Impact Factor(as per JCR) : 55.882

h-index : 19

i10 index : 34

Total Citations : 1122

Ph.D. Thesis Guided

- No. of Ph.D. Thesis evaluated : 12
- No. of Ph.D. Public Viva Voce Examination conducted : 12

S.No	Name of the Scholar	Title of the Thesis	Year of Completion
1	Sivakumar Pathuri	Feature-Based Sentimental Analysis Using Machine Learning Techniques.	2024
2	Suganya, R.	A Continuous Review Stochastic Inventory	2023

		Sytem With Markovian Arrival Process	
3	Vinitha, V	Analysis of M/M/1 type Queueing-Inventory Systems	2023
4	Ravi, M.	An Efficient Approach to Cloud Computing	2021
5	Gandhimathi D	An Efficient Frequent Webpage Patterns Mining Frame work	2019
6	Kathiresan J	A Study on Stochastic Retrial Inventory System	2015
7	Jeganathan K	A Study on Continuous Review Retrial Inventory System	2013
8	Prabhu P	Knowledge Based Collaborative Filtering Models for Recommended Systems	2016
9	Ramalingam D	Governanace, Risk Management and Complainece Equilibrium Model for Optimizing Enterprise Information Security.	2016
10	Kumaresan V	Modelling and Analysis of Stochastic Inventory System	2012
11	Gomathi, D.	A Study of Stochastic Models in Inventory and Queueing System	2012
12	Vigneshwaran, B.	A Continuous Review Stochastic Inventory System	2015

Funded Research Projects

Completed Projects:

S.No	Agency	Period		ProjectTitle	Budget (Rs.In lakhs)
		From	To		
1.	UGC, New Delhi	2014	2016	Analysis of Stochastic Inventory System with Server Vacation	33.00
2.	NBHM, Mumbai.	2012	2015	Modelling and Analysis of Stochastic Retrial Inventory System	9.73
3.	DST, New Delhi.	2005	2008	A Replacement and Substitutable Inventory Systems	3.77

Distinctive Achievements / Awards

1. **Indo-Asian Bertrand Russel Distinguished Researcher Award (2022)** received from the International Multidisciplinary Research Foundation on the eve of International Conference at Vietnam, held on 15.12.2022.
2. **Kalvi Sudar Award (2022)** received from Sivaganga District Kavanaga kalai mandram in the "World Teachers Day function" held on 05.10.2022, Sathguru Gnanantha Arangam, Karaikudi.
3. **Best Paper Presentation Award (2019)** in the International Conference on Mathematical Engineering Applications for Sustainable Development", held during August 16-18, 2019, University of Malaya, Meeting room 18-1, Wisma R&D, Kualalampur, Malaysia.
4. **Excellence Award (2018)** from Association of Inventory Academicians and Practitioners and Conferred in the First International Conference on Emerging Trends in Inventory, Supply Chain & Reliability Modeling, held during 21-23 December, 2018 at Department of Operational Research, University of Delhi.
5. **Tamilnadu Scientist Award (TANSA 2017)** from Tamilnadu State Council for Science and Technology, Chennai, INDIA.
6. **Research Award (2014)** from University Grants Commission (UGC), New Delhi, INDIA.
7. **Shri P. K. Das Memorial Best Faculty Award - Senior (2013)** from Nehru Group of Institutions, Coimbatore, INDIA.
8. **Career Award for Young Teachers (2005)** from All India Council for Technical Education (AICTE), New Delhi, INDIA.
9. **Young Scientist Fellowship (2005)** from Tamilnadu State Councilfor Science and Technology, Chennai, INDIA.
10. **Young Scientist Award (2004)** from Department of Science and Technology (DST), New Delhi, INDIA.
11. **Project Fellow (1999)**, UGC funded Major Research Project entitled "Study of Coordinated Multi Commodity Inventory System" UGC-CSIR, New Delhi, INDIA: from 11th October 1999 to 25th September 2001.
12. **University Stipendiary Research Fellow (1997)** Madurai Kamaraj University, Madurai, Tamilnadu, INDIA : 27th March 1997 to 08th October 1999.

Events organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized: **23**

Position	Programme	Duration	Institution
International			
Convener	International Webinar on Neoteric Applications in Mathematics	November 08-09, 2022	Thiagarajar College, Madurai and Alagappa University, karaikudi
Convener	International Webinar on Applied Mathematics	April 19 - 20, 2022	Thiagarajar College, Madurai and Alagappa University, karaikudi.
Convener	International Conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics (ICMCIE-2020)(online mode)	December 20-22, 2020	Department of Mathematics, American College, Madurai and FATER Academy of India.
Convener	International Webinar on Recent Advances in Graph Theory	May 29-30, 2020	School of Mathematics, Alagappa University, Karaikudi.
Chairman	International Conference on Mathematical Modelling and Computational Methods in Science and Engineering (ICMMCMSE-2020)	January 22-24, 2020	School of Mathematics, Alagappa University, Karaikudi.
Convener	International Conference on Mathematical Modelling and Computational Intelligence (ICMMCI-2019)	September 03-04, 2019.	School of Mathematics, Alagappa University, Karaikudi.
Convener	International Conference on Discrete and Computational Mathematics (ICDCM2018)	December 20-21, 2018	School of Mathematics, Alagappa University, Karaikudi.
Chairman	International Conference on Mathematical Modelling and Computational Methods in Science and Engineering (ICMMCMSE-2017)	February 20-22, 2017	School of Mathematics, Alagappa University, Karaikudi.
Convener	International Workshop on Data Analysis Using SPSS(IWDAUS-2016)	December 15-19, 2016	School of Mathematics, Alagappa University, Karaikudi.

Organizing Secretary	International Workshop on Matrix Analytic Methods in Stochastic Models (IWMAM-2013)	January 07-09, 2013	School of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	International Conference on Stochastic Modeling(ICSM09)	February 12-14, 2009	Department of Mathematics, Alagappa University, Karaikudi.
National			
Convener	National Webinar on Recent Trends in Pure and Applied Mathematics	October 12, 2021	Thiagarajar College, Madurai and Alagappa University, karaikudi
Organizing Secretary	National Conference on Challenges in Mathematical Modelling(NC ² M ² -2020)	February 20-21, 2020	Department of Mathematics, Alagappa University, Karaikudi.
Convener	National Workshop on Dynamical System with MATLAB and Its Computations	January 09-11, 2020	School of Mathematics, Alagappa University, Karaikudi.
Convener	National Conference on “Recent Advances in Mathematical Modelling(NCRAMM19)	September 23, 2019	Department of Mathematics, Alagappa University, Karaikudi.
Convener	National Conference on Mathematical and Computational Sciences (NCMCS18)	October 23-24, 2018.	Department of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	Workshop on MATLAB	March 26-27, 2018	Department of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	National Conference on Modern Trends in Pure and Applied Mathematics (NCMTPAM18)	March 02, 2018	Department of Mathematics, Alagappa University, Karaikudi.
Convener	National Conference on Pure and Applied Mathematics(NCPAM16)	March 30-31, 2016	Department of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	National Conference on Recent Advances in Computer and Mathematical Sciences(RACMS-2014)	October 17-18, 2014	Department of Mathematics and Computer Science, Dr. Umayal Ramanathan College for Women, Karaikudi
Organizing Secretary	National Conference on Challenges in Mathematical Modelling(CMM-2011)	December 22, 2011	Department of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	National Conference on Recent Trends in Mathematics and Its	December 22, 2010	Department of Mathematics, Alagappa

	Applications(RTMA-2010)		University, Karaikudi.
Organizing Secretary	National Seminar on Analysis and Number Theory (NSANT-2010)	January 21-22, 2010	Department of Mathematics, Alagappa University, Karaikudi.
Organizing Secretary	Symposium on Recent Advances in Mathematical Modeling in Engineering	September 14-15, 2007	Department of Mathematics, Thiagarajar College of Engineering, Madurai

Events Participated

Number of Conferences/Seminars/Workshops: **32**

Conferences:

International level:

1. Presented a paper at the "International Conference on Mathematical Engineering Applications for Sustainable Development", held during August 16-18, 2019, University of Malaya, Meeting room 18-1, Wisma R&D, Kuala Lumpur, Malaysia.
2. Presented a paper at the "International Conference on Engineering, Architecture, Physics & Mathematical Sciences, December 15-16, 2022, Saigon University, Ho Chi Minh, Vietnam.
3. Presented a paper at the "International Conference on Stochastic Modelling and Simulation(ICSMS 2011), December 15-17, 2011, Vel Tech Dr. RR and Dr. SR Technical University, Avadi, Chennai.
4. Presented a paper at the "International Conference on Industrial and Applied Mathematics 2007 (ICIAM 2007)", July 16 - 20, 2007, University of Zurich, Zurich, Switzerland.
5. Presented a paper at the "International Conference on Modeling and Simulation 2006 (MS 2006)", April 03-05, 2006, Department of Mechanical Engineering, University of Malaya, Kuala Lumpur, Malaysia.
6. Presented a paper at the "International Symposium on Advances in Statistical Methods and Applications", Dec 21-22, 2000, Department of Statistics, University of Madras, Chennai.
7. Presented a paper at the "International Conference on Stochastic processes and Their Applications" held at Cochin University of Science and Technology, Kochi, Kerala during 17-20 Dec 1999.

National level:

1. Presented a paper at the National level Seminar on "Operations Research and Its Applications", January 10, 2011, Department of Mathematics, Arulmigu Palaniandavar Arts College for Women, Palani.

2. Presented a paper at the "National Conference on Web and Computer Applications", March 07, 2008, Department of Computer Applications, RVS College of Engineering and Technology, Dindigul, Tamilnadu.
3. Presented a paper at the "Instructional Workshop on Matrix Analytic Methods and Conference on Queues, Inventory, Reliability, Maintenance and Replacement", 19-22, Feb.2004, Department of Mathematics, Cochin University of Science and Technology, Kochi, Kerala.
4. Presented a paper at the UGC Sponsored National Seminar on "Recent Advances in Pure and Applied Mathematics", August 23, 2003, Department of Mathematics, Kandarswami Kandar's College, Velur -638 182.
5. Presented a paper at the "National Conference on Mathematical and Computational Models, Dec 27-28, 2001, Department of Mathematics and Computer Applications, PSG College of Technology, Coimbatore.
6. Presented a paper at the "Seminar on Applications of Mathematics and Statistics", March 15-16, 2001, Department of Applied Mathematics and Statistics, School of Mathematics, Madurai Kamaraj University, Madurai - 21.
7. Presented a paper in the "National Conference on Statistical Modeling", November 25-27, 1999, Department of Statistics, Shivaji University, Kolhapur.
8. Presented a paper at UGC Sponsored "National Conference on Statistics", March 18-20, 1999, St. Thomas College at Pala, Kerala.
9. Participated in the XVIII Ramanujan Symposium on "Recent Trends in Dynamical Systems and Mathematical Modelling", held during September 25-27, 2013, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai.
10. Participated in the "Seminar on Recent Trends in Graph Theory", held on March 5, 2004, Department of Applied Mathematics and Statistics, School of Mathematics, Madurai Kamaraj University, Madurai - 21.
11. Participated in the "Twenty second Annual Conference of the Association of Economists of Tamilnadu", Dec 15-16, 2001, Department of Economics, Arul Anandar College (Autonomous), Karumathur.
12. Participated in "One day Symposium on Mathematical Methods and Applications", 22 Dec, 1998, IIT - Madras, Chennai - 600 036.

Workshops:

1. Participated in the workshop on "Data Science and Analytics", held during September 27-28, 2016, Department of Computer Science, Alagappa University, Karaikudi.
2. Participated in the workshop on "R with Application to Quantitative Finance", held during August 26-28, 2016, Department of Mathematics, Birla Institute of Technology Pilani, K.K. Birla Campus, Goa.
3. Participated in the One day "User Awareness Programme on Accessing of Electronic Resources under UGC-INFONET Digital Library Consortium", held on July 25, 2014, Central Library, Alagappa University, Karaikudi.
4. Participated in the One day Workshop on "Financial Mathematics", held on March 27, 2013, School of Mathematics, Madurai Kamaraj University, Madurai - 21.

5. Participated in the One day Workshop on “Data Analysis Using SPSS”, held on August 30, 2013, School of Mathematics, Madurai Kamaraj University, Madurai - 21.
6. Participated in the Two days National Workshop on “Recent Trends in Enterprise Information Systems”, during April 27-28, 2006, Department of Computer Science and Engineering, Thiagarajar College of Engineering, Madurai.
7. Participated in the “National Instructional Workshop on Recent Trends and New Directions of Research in Cybernetics and Systems Theory”, held from 28th January to 1st February, 2004, Institute of Advanced Study in Science and Technology, Khanapara, Guwahati - 781 022, Assam, India, sponsored by Department of Science and Technology (DST), New Delhi.
8. Participated in the “Workshop on Applications of Mathematics in Engineering and Technology” held on 6th September, 2002, PSNA Engineering College, Dindigul.
9. Participated in the “Institutional and Instructional Workshop on Actuarial Mathematics”, during March 18-23, 2002, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai, sponsored by UGC-Special Assistance Programme.

Other Training Programs

Summer Schools:

1. Participated in the Winter School on “Modeling, Computing and Simulation in Engineering”, during January 4-5, 2007, Department of Mathematics, IIT Madras, Chennai.
2. Participated in the “Second SERC School on Special functions and Functions of Matrix Argument”, held from 29 th May, 2000 to 30th June 2000, Centre for Mathematical Sciences (CMS), Trivandrum-695 581, Kerala, Sponsored by Department of Science and Technology (DST).

Refresher Courses:

1. Participated in IAS sponsored “Refresher course in Probability, Stochastic Processes and Applications” held at Cochin University of Science and Technology, Kochi, during September 26 - October 07, 2005.
2. Participated in UGC sponsored “Refresher course in Statistics” held at Annamalai University, Annamalai Nagar during 03 - 23 November, 2003.

Overseas Exposure/Visits

S. No.	Country Visited	Period		Purpose of Visit
		From	To	
1.	Vietnam	15.12.2022	16.12.2022	Delivered an invited talk in the Conference.
2.	Malaysia (University of Malaya)	16.08.2019	19.08.2019	Delivered an invited talk in the Conference.

3.	Singapore (National University of Singapore)	27.10.2018	28.10.2018	Delivered an invited talk in the Conference.
4.	Malaysia (Universiti Tunku Abdul Rahman)	25.10.2018	26.10.2018	Delivered an invited talk in the Conference.
5.	Thailand (Asian Institute of Technology)	02.10.2017	06.10.2017	Delivered an invited talk in the Conference.
6.	Switzerland (University of Zurich)	16.07.2007	20.07.2007	Presented a research article in the Conference
7.	Germany (University of Kiel)	08.06.2006	18.06.2006	For doing collaborative research
8.	Malaysia (University of Malaya)	01.04.2006	07.04.2006	Presented a research article in the Conference

Membership

Professional Bodies

1. Life Member: Indian Society for Probability and Statistics, India. (LM/2013/48/1040)
2. Life Member: Forum for Advanced Training Education and Research, FATER Academy of India, India.
3. Life Member: The Indian Science Congress Association, Kolkata, India. (L 14554)
4. Life Member: Indian Society of Technical Education, New Delhi, India. (LM 41851)
5. International Association of Engineers (IAENG), Hong Kong (Member No: 108515).

Academic Bodies in Other Institutes/Universities

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
2022-25	Board of Studies in M.Sc. and M.Phil. Mathematics of Department of Mathematics, Alagappa University.	Chairman
2022-25	Board of Studies in M.Sc Mathematics of Department of Mathematics, DDE of Alagappa University.	Chairman
2022-25	Board of Studies in B.Sc Mathematics of Department of Mathematics, DDE of Alagappa University.	Member
2022-25	Board of Studies in M.Phil. Mathematics of	Chairperson

	Department of Mathematics, Affiliated Colleges of Alagappa University.	
2022-25	Board of Studies in M.Sc Mathematics of Department of Mathematics, Affiliated Colleges of Alagappa University.	Member
2022-25	Board of Studies in B.Sc Mathematics of Department of Mathematics, Affiliated Colleges of Alagappa University.	Member
2022-25	Board of Studies in B.Sc. and M.Sc. Mathematics of Department of Mathematics, J.J. College of Arts and Science College, Pudukottai.	Member
2022-25	Board of Studies in M.Sc. Mathematics of Department of Mathematics, Sourashtra College, Madurai.	Member
2022-25	Board of Studies in B.Sc. and M.Sc. Mathematics of Department of Mathematics, Kongunadu Arts and Science College, Coimbatore.	Member
2021-24	Board of Studies in B.Sc. and M.Sc. Mathematics of Department of Mathematics, G.T.N. Arts College, Dindigul.	MK University Nominee
2021-23	Board of Studies in B.Sc. and M.Sc. Mathematics of Department of Mathematics, H.H. The Rajah's College, Pudukottai.	Member

Ph.D. Thesis Evaluated

Thesis Evaluated : **56**

Viva-voce Examiner : **67**

List of Research Articles / Recent Publications

Total Number of Publications: **International – 110; National - 02**

S. No	Authors/Title of the paper/Journal	Impact Factor
1	P. Shanthi, S. Amutha, N. Anbazhagan, G. Uma, Gyanendra Prasad Joshi and Woong Cho, Characterization of Fractional Mixed Domination Number of Paths	1.4

	and Cycles, Journal of Mathematics, vol. 2024, Article ID 6619654, 11 pages, January 2024, DOI: https://doi.org/10.1155/2024/6619654 . (ISSN 2314-4629(P), 2314-4785 (Online), SCIE and Scopus indexed.)	
2	S. Selvakumar, K. Jeganathan, Aster Seifu Senae, N. Anbazhagan, S. Amutha, Gyanendra Prasad Joshi and Woong Cho, Performance of Dual Service Station in Stochastic Inventory System with Optional Feedback Service, Ain Shams Engineering Journal, 15(3), 102583, 32 pages, March 2024, DOI: https://doi.org/10.1016/j.asej.2023.102583 . (ISSN 2090-4479, SCIE and Scopus indexed.)	6.0
3	S. Saravanakumar, A. Eswari, O.D. Makinde, N. Anbazhagan, Gyanendra Prasad Joshi, Woong Cho, Analysis of temperature-dependent thermal conductivity and fin efficiency: Direct Akbari- Ganji method, Case Studies in Thermal Engineering, 51(2023):103627, 14 pages, October 2023, DOI: https://doi.org/10.1016/j.csite.2023.103627 . (ISSN 2214-157X, SCIE, Scopus and Web of Science indexed.)	6.8
4	M. Nithya, Gyanendra Prasad Joshi, C. Sugapriya, S. Selvakumar, N. Anbazhagan, Eunmok Yang and Ill Chul Doo, Analysis of Stochastic State-Dependent Arrivals in a Queueing-Inventory System with Multiple Server Vacation and Retrial Facility, Mathematics, 10(17): 3041, 29 pages, August 2022, https://doi.org/10.3390/math10173041 . (ISSN: 2227-7390, SCIE, Scopus and Web of Science indexed.)	2.592
5	T. Hari Krishnan, K. Jeganathan, S. Selvakumar, N. Anbazhagan, Woong Cho, Gyanendra Prasad Joshi and Kwang Chul Son, Analysis of Stochastic M/M/c/N Inventory System with Queue-Dependent Server Activation, Multi-Threshold Stages and Optional Retrial Facility, Mathematics, 10(15):2682, 37 pages, July 2022, https://doi.org/10.3390/math10152682 . (ISSN: 2227-7390, SCIE, Scopus and Web of Science indexed.)	2.592
6	V. Vinitha, N. Anbazhagan, S. Amutha, K. Jeganathan, Bhanu Shrestha, Hyoung-Kyu Song, Gyanendra Prasad Joshi and Hyeonjoon Moon, Analysis of a Stochastic Inventory Model on Random Environment with Two Classes of Suppliers and Impulse Customers, Mathematics, 10(13):2235, 22 pages, June 2022, https://doi.org/10.3390/math10132235 . (ISSN: 2227-7390, SCIE, Scopus and Web of Science indexed.)	2.258
7	N. Anbazhagan, Srijana Acharya, V. Vinitha, S. Amutha, K. Jeganathan, Changho Seo, and Hyun-II Kim, The MAP/PH/N/1, Queueing-Inventory System With Demands From a Random Environment, IEEE Access, 10, pp:47371-47383, May 2022, https://doi.org/10.1109/ACCESS.2022.3170065 . (ISSN: 2169-3536, SCIE, Scopus and Web of Science indexed.)	3.367
8	C. Sugapriya, M. Nithya, K. Jeganathan, N. Anbazhagan, Gyanendra Prasad Joshi, Eunmok Yang and Suseok Seo, Analysis of Stock-Dependent Arrival Process in a Retrial Stochastic Inventory Sys-tem with Server Vacation, Processes, 10(1):176, 25 pages, January 2022, https://doi.org/10.3390/pr10010176 .(ISSN: 2227-9717, SCIE, Scopus and Web of Science indexed.)	2.847
9	Siva Kumar Pathuri, N. Anbazhagan, Gyanendra Prasad Joshi, and Jinsang You, Feature-Based Sentimental Analysis on Public Attention Towards COVID-19 Using CUDA-SADBM Classication Model, Sensors, 22(1):80, 17 pages,	3.576

	December 2021, https://doi.org/10.3390/s22010080 .(ISSN: 1424-8220, SCIE, Scopus and Web of Science indexed.)	
10	P. Thanalakshmi, R. Anitha, N. Anbazhagan, Woong Cho, Gyanendra Prasad Joshi and Eunmok Yang, A Hash-Based Quantum-Resistant Chameleon Signature Scheme, <i>Sensors</i> , 21(24):8417, 15 pages, December 2021, https://doi.org/10.3390/s21248417 . (ISSN: 1424-8220, SCIE, Scopus and Web of Science indexed.)	3.576
11	V. Vinitha, N. Anbazhagan, S. Amutha, K. Jeganathan, Gyanendra Prasad Joshi, Woong Cho and Suseok Seo, Steady State Analysis of Impulse customers and Cancellation policy in Queueing-Inventory System, <i>Processes</i> , 9(12):2146, 16 pages, November 2021, https://doi.org/10.3390/pr9122146 .(ISSN: 2227-9717, SCIE, Scopus and Web of Science indexed.)	2.847
12	P. Mala, M. Palanivel, S. Priyan, N. Anbazhagan, Srijana Acharya, Gyanendra Prasad Joshi and Joohan Ryoo, Sustainable Decision-Making Approach for Dual-Channel Manufacturing Systems under Space Constraints, <i>Sustainability</i> , 13(20), 11456, 22 pages, October 2021, https://doi.org/10.3390/su132011456 . (ISSN: 2071-1050, SCIE, Scopus and Web of Science indexed.)	3.251
13	R. Suganya, Lewis Nkenyereye, N. Anbazhagan, S. Amutha, M. Kameswari, Srijana Acharya and Gyanendra Prasad Joshi, Perishable Inventory System with N-Policy, MAP Arrivals and Impatient Customers, <i>Mathematics</i> , 9(13), 1514, 14 pages, June 2021, https://doi.org/10.3390/math9131514 (Corresponding Author, ISSN: 2227-7390, SCIE, Scopus and Web of Science indexed.)	2.258
14	Siva kumar Pathuri, N. Anbazhagan N. Sriman Narayana and W.Sridhar, A Novel Classification Model for Feature-Based Sentimental Analysis on Public Attention Towards COVID-19. <i>Journal of Cardiovascular Disease Research</i> , 12(3), 176-187, 2021, doi: 10.31838/jcdr.2021.12.03.25 (ISSN:0975-3583, 0976-2833, Scopus indexed)	--
15	K. Jeganathan, S. Selvakumar, N. Anbazhagan, S. Amutha, Porpattama Hammachukiattikul, Stochastic modeling on M/M/1/N inventory system with queue-dependent service rate and retrial facility. <i>AIMS Mathematics</i> , 6(7), 7386 - 7420, April 2021. doi: 10.3934/math.2021433 (SCIE, Scopus and Web of Science indexed.)	1.427
16	K. Suriya Prabha, S. Amutha, N. Anbazhagan, and Ismail Naci Cangul, Bounds on Coindependent Liars Domination in Graphs, <i>Journal of Mathematics</i> , Volume 2021, Article ID 5544559, 6 pages, 2021. (ISSN: 2314-4629 (Print), ISSN: 2314-4785 (Online), https://doi.org/10.1155/2021/5544559 , SCIE and Scopus indexed.)	0.971
17	Neeraj Manhas and N. Anbazhagan, A mathematical model of intricate calcium dynamics and modulation of calcium signalling by mitochondria in pancreatic acinar cells. <i>Chaos, Solitons and Fractals</i> , 145, April 2021, 110741 (ISSN 0960-0779, https://doi.org/10.1016/j.chaos.2021.110741 , SCI, Scopus and Web of Science indexed.)	3.764

Invited Lectures

National Conferences : 99

International Conferences : 31