STAFF PROFILE

1) Name : Dr. K. Julia Rose Mary

2) Designation : Associate Professor & Head, Department of Mathematics

3) Department P.G. & Research Department of Mathematics: M. Sc., M. Phil., Ph. D.

4) Qualification :Teaching: 26 Research: 21

5) Experience

6) Area of Specialization (s) : OPERATIONS RESEARCH

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8) Academic Qualifications: M.Sc., B.Ed., M. Phil., Ph. D.

9) Additional Qualifications:

Diploma/ Vocational/	Area of	Institution/ University/	Year
Certification	Specialization	Agency Name	
Post Graduate Diploma	Computer	Alagappa University,	1992
in Computer	Applications	Karaikudi	
Applications			
Post Graduate Diploma	Operations Research	Pondicherry University	2004
in Operations Research		Pondicherry	

10) Research Guidance

Programme	No. of Scholars		
	Completed	Pursuing	
Ph. D.	-	5	
M. Phil.	21	1	

11) Research Publications

International

Author Name, Co-author Name, Title of the Paper, Journal Name (Year) Volume, Page No.

- [1] K. Julia Rose Mary, M I. Afthab Begum, and S. Palaniammal, "Unreliable M*/M/1-N Policy with single vacation and start up time", Int. J. Comp. Math. Sci. App., (2008). Vol.2, No.3, July-September, pp (213-221).
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- queue with N policy and setup time", Res. High. JADU., (2010) pp (2021-2032).
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- [9]. K.Julia Rose Mary and T.Gokilavani "Analysis of M*/M/1/MWV with fuzzy parameters"
 International Journal of Computer Applications- March April (2014), Issue 4, Volume 2
 ISSN: 2250 1797.
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- [11] K.Julia Rose Mary and Angle Jenita .P "Second optional service Queuing model with Fuzzy parameters" – International Journal of Applied Engineering and Technology- 2014 Vol 4, Issue (1), pp 46-53.
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- [13] K.Julia Rose Mary, P.Monica and S.Mythili, "Performance Measure of FM/FM/1 queuing system with N-policy", International journal of physics and Mathematical Sciences, 2014 Vol (4) Issue 3, pp 10-15.
- [14]. K.Julia Rose Mary and G.Majula Christina, "Analysis of fuzzy working vacations queuing models using DSW", 2015, Algorithm International journal of Advanced and Innovative Research Vol 4 Issue (1), pp 116-119.
- [15] K.Julia Rose Mary and G.Majula Christina, "DSW Algorithm for FM(X)/FM/1 single working vacation queuing model", International journal of Advanced and Innovative Research, 2015, vol 3, Issue 8.
- [16] K. Julia Rose Mary and G.Majula Christina, "Analysis of total average cost for MX(m,N)/M/1/BD/MV with fuzzy parameters using robust Ranking Techniques", International Journal of Computer Applications 2015, vol (121) Issue (24), pp (1-4).
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- [30]. K. Julia Rose Mary and Kavitha. G, "Fractal representation of chronic myeloid leukemia" Global Journal of Pure and Applied Mathematics, 2017, Volume 13, Number 6.
- [31]. Priyadarshini Infanta and K.Julia Rose Mary and, "A study of structural changes of Airway in Human Asthma using Fractal Dimension", Global Journal of Pure and Applied Mathematics (2017) Volume 13, Number 6, pp 44-48.
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- [48] VyshnaUnni and K. Julia Rose Mary, "Queuing systems with multiple servers under differentiated working vacations", Vol. 7, Issue 4, pp. 392-396, 2019.
- [49] Kavitha.G and K.Julia Rose Mary, "Transient solution of M/M/C model for unreliable Server with catastrophes under restricted admissibility", Journal of Information and computer science, 2019, Vol 9, Issue 11, pp (423-427).
- [50] C.Priyadarshini Infanta and K.Julia Rose Mary, "Transient Analysis of M/M/c queue with multiple working vacations and customers impatience", The International Journal of Analytical and Experimental modal analysis, 2019, Vol XI, Issue X, pp (2991-2998).
- [51] G. Kavitha and K. Julia Rose Mary, "Transient Solution for Unreliable C Servers Under Balking and Catastrophes", International Journal of Science and Research, Vol. 8, Issue 12, pp. 770-772, 2019.
- [52] C.Priyadarshini Infanta and K.Julia Rose May, "Transient analysis of M/M/C with balking and vacation", 2020, International Journal of Research and Analytical Review, Special Issue pp (31-35).
- [53]. Kavitha.G and K.Julia Rose May, "Transient solution of M/M/C Queuing model for Heterogenous servers with catastrophes and balking", 2020, International Journal of Research and Analytical Review, Special Issue, pp (36-40).

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- [68] Lidiya P and Dr. K. Julia Rose Mary, "Analysing the Performance of Queuing Model with the Busy Period Breakdown", Baghdad Science Journal, Vol. 22, Issue 2, 2024.

12) Other Publications

- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "Unreliable Bulk Queue with Single Vacation and an Early Setup time", Proceedings: ICOREM. Anna University. Trichy, May 27th -29th. (2009), 1186-1195.
- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "Closed form Analytical Solution of the General Bulk service Queuing Model M/M(A,B)/1 under Working Vacation". Proceedings of Mathematical and Computational Models: Recent Trends. International Conference on Mathematical and Computational models, PSG College of Technology, December, 21st -23rd. (2009), 92-100.
- ➤ K. Julia Rose Mary, M.I. Afthab Begum, M. Jemila Parveen. "M/M/1 Queue with Working Vacation", Proceedings of Mathematical and Computational Models: Recent Trends. International Conference on Mathematical and Computational models, PSG College of Technology, December, 21st -23rd. (2009), 92-100.
- ➤ K. Julia Rose Mary and M.I. Afthab Begum "An optimum control of batch arrival queuing system with S.O.S and setup time under Bernoulli vacation schedule" National Conference in Recent frontier in applied dynamical system at Karunya University on Jan 21 & 22 2011.
- ➤ K. Julia Rose Mary and M.I. Afthab Begum "The (m,N) policy of single server Batch arrival Queuing system with S.O.S under (m,N) policy and single Benoulli vacation",

- International Conference on Mathematical and computational model on 2011, Dec 19-21 at PSG Tech
- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "The (m,N) policy of single server batch Arrival Queuing system with multiple vacations and break downs under restricted admissibility", International conference on Mathematics and its applications A new wave (ICMANW 2011) held on 21st and 22nd Dec 2011 at Avinashilingam University.
- ➤ K.Julia Rose Mary and D.Victor Arokia Doss, "Modeling of CREB pathway induced Gene Induction, from stimulation to repression", 19th International conference on Matematical Biology, Barcelona-Spain May 26th and 27th, 2017, pp (2972-2976).
- ▶ D.Victor Arokia Doss, Soundarya.K and K.Julia Rose Mary, "Evaluation of serine and branched chain amino acid levels in depression and the beneficial effects of exercise in rats", 19th International conference on Matematical Biology, Barcelona-Spain May26th and 27th, 2017, pp (2967-2971).
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- ➤ Deepika T and Dr. K. Julia Rose Mary, "NM/NM/c Queuing Model with Encouraged arrival and Heterogeneous service", Neutrosophic Sets & Systems, Vol 60, PP. 268-286, 2023.
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- ➤ Deepika T and Dr. K. Julia Rose Mary, "Single Valued Neutrosophic M/M/c Queuing model with Encouraged Arrival and Heterogeneous service under Catastrophe", Indian Journal of Natural Sciences, Vol 14, Issue 79, PP. 60237-60244, 2023.
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- ➤ Deepika T and Dr. K. Julia Rose Mary, "NsM/NsM/C Queuing Model with Heterogeneous Arrival and Servers under Catastrophe, Balking and Vacation}, Book on Research in Multidisciplinary Subjects, The Hill Publication, Vol 4, PP. 61-66, 2023.

- ➤ Deepika T and Dr. K. Julia Rose Mary, "NhM(m,c)/NhM/c queuing model with Heterogeneous Arrival, Single Vacation and Breakdown}, European Chemical Bulletin, Vol 10, Issue 2, PP. 10600-10612, 2023.
- Lidiya P and Dr. K. Julia Rose Mary, "Performance study on heterogeneous arrival of batch service for multiple working vacations queuing system with breakdowns in the busy period", First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI-)2023, IEEE.
- Prakati P and Dr. K. Julia Rose Mary, "Evaluation of Batch Service MWV Heterogeneous Queuing System under Balking and Encouraged Arrival", First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI-)2023, IEEE.
- Lidiya P and Dr. K. Julia Rose Mary, "A Study on Heterogeneous Arrival of Batch Service for Multiple Working Vacation Queuing Model with balking", Multidisciplinary Approach in Research Area (Volume-7), Vol 7, pp 1-4. 2024.

13) Presentations in Conference

International

- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "Unreliable Bulk Queue with Single vacation and An Early Setup time". Proceedings: ICOREM. Anna University. Trichy. May, 27th -29th.(2009).
- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "Closed form Analytical Solution of the General Bulk service Queuing Model M/M(A,B)/1 under Working Vacation". Proceedings of Mathematical and Computational Models: Recent Trends. International Conference on Mathematical and Computational models, PSG College of Technology, December, 21st-23rd (2009).
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- ➤ K. Julia Rose Mary and M.I. Afthab Begum "The (m,N) policy of single server Batch arrival Queuing system with S.O.S under (m,N) policy and single Benoulli vacation, International Conference on Mathematical and computational model on 2011, Dec 19-21

at PSG Tech".

- ➤ K. Julia Rose Mary and M.I. Afthab Begum. "The (m,N) policy of single server batch arrival Queuing system with multiple vacations and break downs under restricted Admissibility" International conference on Mathematics and its applications A new wave (ICMANW 2011) held on 21st & 22nd Dec 2011 at Avinashilingam University.
- ➤ K.Julia Rose Mary and D.Victor Arokia Doss, "Modeling of CREB pathway induced Gene Induction from stimulation to repression", 19th International conference on Matematical Biology, Barcelona-Spain May 26th and 27th 2017.
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- Rajalakshmi.R and Julia Rose Mary.K, "Operating characteristics of M/M(a,b)/1/MWV/BD Queuing systems", International conference on Mathematics & Computer science 2017, IMRF Publications, 2016.
- ➤ Maria Remona. R and Julia Rose Mary. K, "Fuzzy Analysis of Mx/M/1/MWV with Breakdown queuing Model", International conference on Mathematics & Computer science 2018, IMRF Publications, 2016.
- ➤ Pavithra, J. and Julia Rose Mary, K., "Analysis of FM/M/1 Queuing system with reverse Balking", International conference on Mathematics & Computer science 2016, IMRF Publications, 2016.
- ➤ Kavitha.G and K. Julia Rose Mary, "A relationship between insulin and insulin receptors on adipose tissue with m/m/c model", International Conference on Analysis and Applied Mathematics, SHANLAX Publications, 2018.
- ➤ Kavitha.G and K. Julia Rose Mary, "Fractal representation chronic myeloid leukemia", 3rd international conference on applied mathematical models, PSG Tech, 2018.
- ➤ C. Priyadharshini and K. Julia Rose Mary, "A Study of Structural changes of Airway in Human Asthma using Fractal Dimension", 3rd international conference on applied mathematical models, PSG Tech, 2018.
- ➤ Kavitha.G and K. Julia Rose Mary, "Transient solution of m/m/c queuing model for heterogeneous server with catastrophes and balking", Internatinal Conference on emerging areas of Mathematics for science and Technology, Rathinam college, Coimbatore, 2019.

- ➤ C. Priyadharshini and K. Julia Rose Mary, "Transient Analysis of M/M/c with Vacation and Balking", International Conference on emerging areas of Mathematics for science and Technology, Rathinam College, Coimbatore, 2019.
- ➤ Deepa and Julia Rose Mary. K, "Tandem Fluid Model Driven by an MX/M/1 Queue Subject to Balking and Vacations", 86th Annual Conference Of The Indian Mathematical Society, VIT, Vellore, 2020.
- ➤ Vyshna Unni and K. Julia Rose Mary, "M/M/1 Multiple Vacations Queuing Systems with Differentiated Vacations under Mixed Strategy of Customers", UGC SAP Sponsored International Conference on Advances in Applicable Mathematics (ICAAM-2020), Organized by Bharathiar University, Coimbatore, 2020.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "Single Valued Neutrosophic M/M/c Queuing Model", National Conference on Discrete Mathematics and its Applications (NCDMA 2022), Velammal College of Engineering and Technology, Madurai. Dated: July 16, 2022.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "Single Valued Neutrosophic M/M/c Queuing Model with Encouraged arrival and Heterogeneous service under Catastrophe", International Conference on Contemporary Approaches in Science & Humanities: Future Prospects [ICCASH'23], Nirmala College for Women, Coimbatore. Dated: 2nd & 3rd February, 2023.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "Queuing Model with Heterogeneous service under Catastrophe and Balking", International Virtual Conference on Perspectives from Basic Sciences and Humanities 2023 (IVCPBSH 2023), Narasaraopet Engineering College, Andhra Pradesh. Dated: 26th & 27th May, 2023.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "Queuing Model with Heterogeneous Arrival under Catastrophe, Balking and Working Vacation", 2nd Global Conference on Emerging Trends in Research & Development (ETRD) 2023, IJIRG, Jaipur National University, K.P.S Science Academy, A Fourth Dimension Group, Madhya Pradesh. Dated: June 17-18, 2023.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "queuing model with Heterogeneous Arrival, Single Vacation and Breakdown", International Seminar on AI in Mathematical Modeling (ISAIMM-2023), Department of Mathematics, Bharathiar University, Coimbatore. Dated: 25th August 2023.

- ➤ Deepika T and Dr. K. Julia Rose Mary, "Queuing Model with Heterogeneous arrival and service under Catastrophe and Balking", International Conference on Recent Advances in Science, Technology, Engineering, Management and Social Science (RASTEMS 2023), Karpaga Vinayaga College of Engineering and Technology, Chengalpattu, Dated: 6th 8th October, 2023.
- Lidiya P and Dr. K. Julia Rose Mary, "Performance Study of the M/M(a,b)/1/MWV Queuing System with Heterogeneous Arrival", 2nd Global Conference on Emerging Trends In Research & Development Etrd-2023, International Journal of Innovative Research & Growth (IJIRG) In Association Department of Physics, School of Life & Basic Sciences, Jaipur National University, Jaipur, Rajasthan, India. & K. P. S. Science Academy, M. P. India & A Fourth Dimension Group, M. P. India. June 17-18, 2023.
- ➤ Prakati P and Dr. K. Julia Rose Mary, "Analysis of M/M(a,b)/1/MWV Queuing System Encouraged Arrival with Br", 2nd Global Conference on Emerging Trends In Research & Development Etrd-2023, International Journal of Innovative Research & Growth (IJIRG) In Association Department of Physics, School of Life & Basic Sciences, Jaipur National University, Jaipur, Rajasthan, India. & K. P. S. Science Academy, M. P. India & A Fourth Dimension Group, M. P. India. June 17-18, 2023.
- ➤ Lidiya P and Dr. K. Julia Rose Mary, "Performance Study on Heterogeneous Arrival of the M/M(a,b)/1/MWV Queuing System with Types of Breakdowns", International Seminar on AI in Mathematical Modelling (ISAIMM-2023), Department of Mathematics Bharathiar University, Coimbatore-641046, Tamil Nadu, India. 25th August 2023.
- ➤ Prakati P and Dr. K. Julia Rose Mary, "Evaluation of M/M(a,b)/1 MWV Queuing System under Types of Breakdowns with Encouraged Arrival in Regular Busy Period", International Seminar on AI in Mathematical Modelling (ISAIMM-2023), Department of Mathematics Bharathiar University, Coimbatore-641046, Tamil Nadu, India. 25th August 2023.
- ➤ Lidiya P and Dr. K. Julia Rose Mary, "Performance study on heterogeneous arrival of batch service for multiple working vacation queuing system with breakdown in the busy period", Proceeding of the International Conference on Recent Advance in Science, Technology, Engineering, Management and Social Science (RASTEMS-2023), 06-08 October 2023.

- ➤ Prakati P and Dr. K. Julia Rose Mary, "M/M(a,b)/1 Multiple Working Vacations
 Queuing Systems with Encouraged Arrival", Proceeding of the International
 Conference on Recent Advance in Science, Technology, Engineering, Management and
 Social Science (RASTEMS-2023), 06-08 October 2023.
- ➤ Lidiya P and Dr. K. Julia Rose Mary, "Performance study on heterogeneous arrival of batch service for multiple working vacations queuing system with breakdowns in the busy period", First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023), K.S.R. College of Engineering, Tiruchengode, Tamil Nadu, India. 19 20, October 2023.
- ➤ Prakati P and Dr. K. Julia Rose Mary, "Evaluation of Batch Service MWV Heterogeneous Queuing System under Balking and Encouraged Arrival", First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023), K.S.R. College of Engineering, Tiruchengode, Tamil Nadu, India. 19 20, October 2023.
- ➤ Prakati P and Dr. K. Julia Rose Mary, "Performance Analysis of MWV Queuing System under Types of Breakdowns with Encouraged Arrival in Regular Busy Period", International Conference on Computational and Mathematical Modelling 2024, The Centre for Mathematical Modelling, Faculty of Science, University of Colombo, Sri Lanka, 25th-26th January, 2024.
- ➤ Deepika T and Dr. K. Julia Rose Mary, "Queuing Model with Heterogeneous Arrival under Catastrophe, Balking and Vacation", International Conference on Computational and Mathematical Modelling 2024, The Centre for Mathematical Modelling, Faculty of Science, University of Colombo, Sri Lanka, 25th-26th January, 2024.

National

- ➤ K.Julia Rose Mary and M.I. Afthab Begum "The (m,N) policy of single server batch Arrival queuing System with multiple vacations and break downs on Scientific computing and applied mathematics" at V.L.B. Janakiammal Engineering College, Coimbatore on 29.06.2011 & 30.06.2011.
- ➤ K. Julia Rose Mary and M.I. Afthab Begum "An optimum control of batch arrival Queuing system with S.O.S and setup time under Bernoulli vacation schedule" National Conference in Recent frontier in applied dynamical system at Karunya

- University on Jan 21 & 22 2011.
- ➤ Pavithra, J. and Julia Rose Mary. K. "Fuzzy cost analysis of M/M(a,b)/1 with Multiple working vacations queuing model", Nirmala Annual Research Congress, Nirmala College for Women, 2016.
- ➤ C. Priyadharshini and K. Julia Rose Mary, "A Comparative Study of Fractal Dimension of Restrictive Lung Diseases", Nirmala Annual Research Congress, Nirmala College for Women, 2017.
- ➤ Kavitha.G and K. Julia Rose Mary, "Fractal Dimension of Nucleus in Chronic Myeloid Leukemia Cell", Nirmala Annual Research Congress, Nirmala College for Women, 2017.
- ➤ Kavitha.G and K. Julia Rose Mary, "Transient solution of m/m/c queuing model for homogeneous server with finite capacity", Nirmala Annual Research Congress, Nirmala College for Women, 2018.
- ➤ Maria Remona. R and Julia Rose Mary. K, "Measures of Performance of the Allopathic Medications in curing the Thyroid Harmone Disorders using M/M/4 transient Queuing Model", Nirmala Annual Research Congress, Nirmala College for Women, 2018.
- ➤ C. Priyadharshini and K. Julia Rose Mary, "Transient solution of M/M/C heterogeneous server with infinite model", Nirmala Annual Research Congress, Nirmala College for Women, 2018.
- ➤ K. Julia Rose Mary and J.Christy Jenifer, "Transient solution of M/M/3 queue with heterogeneous server subject to Catastrophes", Nirmala Annual Research Congress, Nirmala College for Women, 2018.
- ➤ Vyshna Unni and K. Julia Rose Mary, "M/M/C Multiple Vacations Queuing Systems with Differentiated Vacations", Nirmala Annual Research Congress, Nirmala College for Women, 2018.
- Felicia U and Julia Rose Mary K, "Analysis of M/M/1 Fluid Model Queue with Working Vacation", National Annual Research Congress, Nirmala College for Women, 2019.

14) Participation in Conference

- > ICOREM. Anna University. Trichy. May, 27th -29th. (2009),
- Recent Trends International Conference on Mathematical and Computational models, PSG College of Technology, December, 21st -23rd. (2009).
- ➤ National Conference In Recent frontier in Applied dynamical system at Karunya

- University on Jan 21 & 22 2011.
- ➤ International Conference on Mathematical and computational model on 2011, Dec 19-21 at PSG Tech".
- ➤ Mathematics and its applications A new wave (ICMANW -2011) held on 21st 22nd Dec 2011 at Avinashilingam University.
- ➤ 19th International conference on Mathematical Biology, Barcelona-Spain May 26th and 27th, 2017.

15) Participation in Seminar

- ➤ Optimization techniques its applications at Srisakthi Institute of Engineering at 7.12.2007.
- Scientific computing and applied mathematics. L.B. Janakiammal Engineering College, Coimbatore on 29.06.2011 & 30.06.2011.

16) Participation in Workshop

- ➤ Workshop on "Revised Guide lines for the Accreditation Process of NAAC "on 22.02.2020.
- Workshop on "Revised Guide lines for the Accreditation Process of NAAC "on 07.03.2020.
- ➤ Workshop on "Innovative Eco systems, Incubation centres and start-ups for higher education Institutions on 19.03.2020.

17) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- ➤ 45th Orientation Course conducted by Bharathiar University from 30.010.2001 to 26.11.2001.
- Refresher course in Environmental studies conducted by Bharathiar University from 15.10.2004 to 04.11.2004.
- Refresher course in Mathematics conducted by Bharathiar University 16.01.2007 to 21.02.2007.
- Refresher course in Algebra conducted by Academic staff college Madras University 05.11.2009 to 26.11.2009.

18) Participation in Faculty Development Programme

➤ Finishing school – carrier advancement programme Coimbatore Institute of Management on 14.05.2008 to 16.05.2008.

➤ Faculty Development Programme in LINUX at Dept of Mathematics Nirmala college for women on 31.01.2018.

19) Conference/ Seminar/ Workshop Organized

- ➤ Workshop on Operations Research and its applications on 2.12.10 & 3.12.10.
- > Trends and Challenges in Mathematical Modelling on 05.01.2018.
- ➤ A New Cognitive approach to real life problems via Mathematics on 05.12.2019.
- ➤ Partial Differential Equations Theory and Application on 25.05.2020 and 26.05.2020.

20) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop

- R.V.S College of arts and science on Markovian batch arrival queuing system with Bilevel control policy under server vacation and break down on 07.02.2012.
- > Sri Narayana guru College of Arts and science on an optimum control of a batch arrival queuing system with S.O.S under Bernoulli vacation schedule on 07.08.2011.
- ➤ SNMV College of arts and Science delivered a lecture on Application of Mathematics on 11.2.2013.
- ➤ As a subject expert for selecting lecturers at Sri Narayana Guru College on 30.5.2013.
- ➤ R.V.S. College of Arts and Science Analysis of Working vacation policy at R.V.S on 6.9.14.
- ➤ Chairperson 19th International conference on Matematical Biology, Barcelona-Spain on 26.05.2017.
- ➤ M.Phil Viva-voce Examiner Avinashilingam University, Coimbatore ON 18.09.2017.
- ➤ Delivered Guest Lecture on Queuing theory at PSGR Krishnammal College, Coimbatore on 11.01.2018.
- ➤ Project Viva-Voce examiner at R.V.S. College of Arts and Science on 02.04.2018.
- ➤ Delivered Guest Lecture on Applications of Queuing theory at KG College of Arts and Science, Coimbatore on 27.02.2019.
- ➤ Member of the Permanent Affiliation Inspection Commission, Government Arts and Science College, Kangeyam, on 27.08.2019.
- ➤ Delivered guest lecture on Queuing models at self-financing campus Avinashilingam University, Coimbatore on 20.02.2020.
- ➤ Delivered a lecture in the webinar on the topic of Queuing strategy an overview at Nehru Arts and Science College on 13.05.2020.

- ➤ Convenor of the Continuous Affiliation Inspection Commission P.S.G College of Arts and Science on 18.08.2020.
- ➤ Delivered Expert conversation on Optimization techniques at Kumaraguru college of Arts and Science on 11.09.2020.
- Mentored the faculties of the Erode Christian college for criteria III on 25.02.2020.
- ➤ Mentored the faculties of the A.G College of Arts and Science Tirupur for criteria III on 28.02.2020.
- ➤ Mentored the faculties of the Keepyee college of Arts and Science, Kothari for criteria III on 29.02.2020.
- Mentored the faculties of the Angappa college Coimbatore for criteria III on 03.03.2020.
- ➤ Mentored the faculties of the Bishop Ambrose college Coimbatore for criteria III on 4.03.2020.
- St. Joseph's College for Women, Tirupur for Preparation of SSR for second cycle of NAAC Accreditation on 28.02.2024

21) Member in Board of Study

Board member in Rathinam College of Arts and Science

- For 2019 -2020 Board of studies conducted on 22.11.2019.
- ➤ For 2020-2021 Board of studies conducted on 30.12.2020.
- For 2021-2022 Board of studies conducted on 08.05.2021.
- For 2022-2023 Board of studies conducted on 13.05.2022.

Board member in St. Xavier's College

- ➤ Board of studies conducted on 19.08.2023.
- ➤ Board of studies conducted on 23.02.2024.

22) Editorial/Review Board Member

- ➤ Editorial Member in International Journal of Humanities and Science.
- ➤ Chairperson in 19th International conference on Mathematical Biology, Barcelona-Spain May 26th and 27th, 2017.

23) Membership in Professional Bodies

Name of Professional Body	Nature of Membership	Duration
Mathematics Teacher	Life Member	
Association		