Dr. B. Sivakumar

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https://www.scopus.com/authid/detail.uri?authorld=7006817898

https://vidwan.inflibnet.ac.in/profile/171818



1. Personal Details

Date of Birth & Age : 26-04-1980, 42 Gender & Marital Status : Male, Married

Nationality : Indian Place of Birth : Madurai

2. Educational Qualifications

2.1. Academic

Degree/	Name of the	University/	Year of	Percentage/	Main
Examination	Exam	Institute	Passing	Grade	Subject
Under	BSc	Madurai Kamaraj	2000	84.83	Mathematics
Graduate		University			
Post Graduate	MSc	Madurai Kamaraj	2002	85.25	Mathematics
		University			

2.2. Research

Degree	Name of the	Title of the Thesis	Date of	Date of
	University		Submission	Award
PhD	Madurai	Analysis of Stochastic Inventory	5-1-2006	11-10-2006
	Kamaraj	System with Service Facilities		
	University			

3. Teaching

No	Year	Semester	Course	Course Title	Hours per
			Code		Week
1	2022-23	PG - I	MAT2201C	Abstract Algebra	5
2	2022-23	PG - III	MAT2138E	Mathematical Python	4
3	2022-23	PG - III	MAT2133C	Mathematical Statistics	5
4	2022-23	PG - II	MAT2143E	Calculus of Variations	4
5	2022–23	UG – II		Analytic Geometry and	6
				Vector Calculus	

- **4. Research Specialization / Field of Research**➤ Applied Probability and Stochastic Process
 - Stochastic Inventory Control
 - Queueing Systems

5. Research Publications

Type	International	National
Papers Published in UGC-CARE Listed Journals	48	0
Contributions to Book Chapters	1	
Editor of Conference/Seminar Proceedings	0	
Papers Published in Conference/Seminar Proceedings	14	
Papers Presented in Conferences/Seminars	2	2
Conference/Seminar/Workshop Attended	1	

6. Citation Metrics

Cumulative Impact Factor (Recent Annual JCR)	141.086
Total Citations (Scopus/Web of Science)	608/259
h-Index (Scopus/Web of Science)	16/10

7. Research Guidance/Supervision

Degree / Programme	Completed	Ongoing
PhD (Full-time)	7	2
PhD (Part-time)	2	0
MPhil Research Project (Full-time)	18	-
MSc Projects	35	4

8. Funded Research Projects

Completed

No	Title of the Project	Funding	Duration and	Total Grants	No of
		Agency	Month &Year	Received (Rs)	Papers out
			of Completion		of Project
	Modelling and Analysis				8
	of Stochastic Inventory				
	System with Postponed				
1	Demands	CSIR	2010- 2013	Rs. 3,60,000	
	Mathematical Analysis				6
	of Inventory Systems				
	with Feedback				
2	Demands	NBHM	2011-2014	Rs. 11,35,380	
	Modelling of				4
	Continuous Review				
	Inventory Systems with	SERB-			
3	Retrial Demands	DST	2012- 2015	Rs. 7,00,000	
	Stochastic Analysis of				8
	Server Vacation Models				
4	in Inventory System	UGC	2013-2017	Rs. 9,78,300	

9. Reviewer in Journals

Name of the Journal	Publisher	No of Papers Reviewed
Annals of Operations Research	Springer	4

10. Research Collaborations

Name of the Collaborator	Institute	Collaboration Details
Prof. Paul Manual	Kuwait University,	Research Publications
	Kuwait	
Prof. H.M. Al-Hamadi	Kuwait University,	Research Publications
	Kuwait	
Prof. V. S. S. Yadavalli	University of	Research Publications
	Pretoria, South	
	Africa	
Prof. A. Krishnamoorthy	Cochin University of	Research Publications
	Science and	
	Technology, Kerala	

11. Countries Visited

Name of the Country	Period	Purpose
Kuwait	18-20, December,	To present invited talk in the "Third
	2012	Kuwait Conference on e-Services and e-
		Systems", Department of Information
		Science, Kuwait University, Kuwait

12. Honours / Awards / Recognitions

Name of the Honours / Awards /	Awarding	International / National
Recognition	Agency	/ State / Institute Level
Fast-Track Young Scientist Award	SERC – DST	National

13. Conferences / Seminars / Workshops Organized

- One of the organizing committee member in the **International Conference on Algebra, Analysis and their Applications**, held at the School of Mathematics, Madurai Kamaraj University, Madurai during January 09-12, 2020.
- Organizing Secretary of the one week **Advanced Training in Mathematics Group Theory and Ring Theory**, held at the School of Mathematics, Madurai Kamaraj University, Madurai during January 4 9, 2016.
- Organizing Secretary of the **One day Workshop on Data Analysis Using SPSS** held at the School of Mathematics, Madurai Kamaraj University, Madurai on August 30, 2013
- Organizing Secretary of the **Workshop on Financial Mathematics**, held at the School of Mathematics, Madurai Kamaraj University, Madurai, March 27, 2013.
- Organizing Secretary of the **National Conference on Applied Stochastic Methods**, held at the School of Mathematics, Madurai Kamaraj University, Madurai during March 23 24, 2012.

- One of the organizing committee member in the **National Conference on Applied Stochastic Methods**, held at the School of Mathematics, Madurai Kamaraj University, Madurai during February 26-27, 2010.
- Joint Secretary of the **International Conference on Stochastic Modelling**, held at the School of Mathematics, Alagappa University, Karaikudi, India during February 12-14, 2009.
- One of the organizing committee member in the **International Conference on Recent Trends in Applied Stochastic Methods**, held at the School of Mathematics, Madurai Kamaraj University, Madurai during December 16 18, 2008.
- One of the organizing committee member in the **Workshop on Advanced Computing Methods for Statisticians**, held at the School of Mathematics, Madurai Kamaraj University, Madurai-21 on 30.03.2007.

14. Professional Development Programs / Faculty Development Programs Attended

Nature of the Course/Summer School	Place	Duration	Sponsoring Agency
Induction Programme	UGC-Academic Staff College, Madurai Kamaraj University	23-04-2010 to 29-04-2010	UGC-Academic Staff College
Orientation Programme	UGC-Academic Staff College, Madurai Kamaraj University	05-11-2013 to 02-12-2013	UGC-Academic Staff College
Refresher Course in Mathematics	UGC-Human Resource Development Center, University of Madras	07-11-207 to 27-11-2017	UGC-Human Resource Development Center
Refresher Course in Mathematics	UGC-Human Resource Development Center, Madurai Kamaraj University	16-11-2018 to 06-12-2018	UGC-Human Resource Development Center
Refresher Course in Mathematics	Department of Mathematics, Ramanujan College, University of Delhi	31-08-2021 to 14-09-2021	Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

15. Membership in Academic Bodies

Member, UG Board of Studies in Statistics, Fatima College, from 2017 - 2019 External Member, UG Board of Studies in Statistics, Periyar University, Salem, 2019-2021 Member, UG Board of Studies in Mathematics with Computer Applications, M. T. N. College, Madurai from 2021-2023

Member, UG Board of Studies in Mathematics, S. N. College, Madurai from 2022 till date Member, UG Board of Studies in Mathematics, Vivekanatha College, Madurai from 2022 till date

16. Membership in Recognised Professional Bodies

Name of the Professional Body	International / National	Type of Membership
International Indian Statistical	International	Life Member

Association			
Operational Research Society of	National	Senior Life member	
India			
Indian Society for Probability	National	Life Member	
and Statistics			

17. Languages Known

Languages	Read	Write	Speak
Tamil	Yes	Yes	Yes
English	Yes	Yes	Yes

18. Competence in Computer Applications :

Micro Soft Office, LaTeX, Julia, Python, Mathematica, Matlab, R.

Details of Publications

1. UGC-CARE Listed Journals

1. A Comparative Study on Replenishment Policies for Perishable Inventory System with Service Facility and Multiple Server Vacation, Radhamani V., Sivakumar B., Arivarignan G., *OPSEARCH*, **2022**, 59, 229-265.

Impact Factor: 0; Citations: 1

https://doi.org/10.1007/s12597-021-00540-6

2. Optimal service rates of a queueing inventory system with finite waiting hall, arbitrary service times and positive lead times, Keerthana M., Sangeetha N., Sivakumar B.*, *Annals of Operations Research*, **2022**.

Impact Factor: 4.820; Citations: 0

https://doi.org/10.1007/s10479-022-04901-2

3. Palladium-Based Metal Organic Frameworks as Heterogeneous Catalysts for C-C Couplings, Lawrence A.S., Martin N., Sivakumar B., Cirujano F.G., Dhakshinamoorthy A., *ChemCatChem*, **2022**.

Impact Factor: 5.497; Citations: 1

https://doi.org/10.1002/cctc.202200403

4. Detecting Lewis acid sites in metal-organic frameworks by density functional theory, Lawrence A.S., Sivakumar B., Dhakshinamoorthy A., *Molecular Catalysis*, **2022**, 517.

Impact Factor: 5.089; Citations: 5

https://doi.org/10.1016/j.mcat.2021.112042

5. An inventory system with postponed and renewal demands, Keerthana M., Sivakumar B.*, Manuel P., *International Journal of Systems Science: Operations and Logistics*, **2022**, 9, 180-198.

Impact Factor: 9.040; Citations: 1

https://doi.org/10.1080/23302674.2020.1864505

6. An inventory system with replacement and refurbishment of failed items, Saranya N., Shophia Lawrence A., Sivakumar B., *Communications in Statistics - Theory and Methods*, **2021**.

Impact Factor: 0.863; Citations: 1

https://doi.org/10.1080/03610926.2021.2023184

7. Optimal control of production time of perishable inventory system with postponed demands, Sangeetha N., Sivakumar B., Anitha P., *International Journal of Mathematics in Operational Research*, **2021**, 19, 129-144.

Impact Factor: 0; Citations:

https://doi.org/10.1504/IJMOR.2021.116343

- 8. A postponed inventory system with modified M vacation policy, Padmavathi I., Sivakumar B., *International Journal of Operational Research*, **2021**, 41, 71-113. Impact Factor: 0; Citations:
- 9. Optimal control of postponed demands in a continuous review inventory system with two types of customers, Sangeetha N., Karthick T., Sivakumar B., *International Journal of Information and Management Sciences*, **2020**, 31, 1-14.

Impact Factor: 0; Citations:

https://doi.org/10.6186/IJIMS.20200331(1).0001

10. Optimal service rates of a perishable inventory system with service facility, Sangeetha N., Sivakumar B., *International Journal of Mathematics in Operational Research*, **2020**, 16, 515-550.

Impact Factor: 0; Citations: 6https://doi.org/10.1504/IJMOR.2020.108438

11. A stochastic queueing - Inventory system with renewal demands and positive lead time, Keerthana M., Saranya N., Sivakumar B., *European Journal of Industrial Engineering*, **2020**, 14, 443-484.

Impact Factor: 1.217; Citations: 6

https://doi.org/10.1504/EJIE.2020.108600

12. Comparison of three vacation policies in discrete time inventory system with postponed demands, Padmavathi I., Sivakumar B., *International Journal of Systems Science: Operations and Logistics*, **2020**, 7, 326-346.

Impact Factor: 9.040; Citations: 3

https://doi.org/10.1080/23302674.2019.1587027

13. An inventory system with service facility and feedback customers, Amirthakodi M., Sivakumar B., *International Journal of Industrial and Systems Engineering*, **2019**, 33, 374-411.

Impact Factor: 0; Citations: 7

https://doi.org/10.1504/IJISE.2019.103450

14. MAP/PH(1),PH(2)/2 finite retrial inventory system with service facility, multiple vacations for servers, Suganya C., Sivakumar B., *International Journal of Mathematics in Operational Research*, **2019**, 15, 265-295.

Impact Factor: 0; Citations: 8

https://doi.org/10.1504/IJMOR.2019.102075

15. A continuous review (s, S) inventory system with postponed demands at service facility, Sebastian Arockia Jenifer J., Sivakumar B., *European Journal of Industrial Engineering*, **2019**, 13, 1-28.

Impact Factor: 1.217; Citations: 4

https://doi.org/10.1504/EJIE.2019.097936

16. A finite-source inventory system with service facility, multiple vacations of two heterogeneous servers, Suganya C., Shophia Lawrence A., Sivakumar B., *International Journal of Information and Management Sciences*, **2018**, 29, 257-277.

Impact Factor: 0; Citations: 1

https://doi.org/10.6186/IJIMS.201809-29(3).0002

17. An inventory system with two heterogeneous servers and orbital search for feedback customers, Suganya C., Amirthakodi M., Sivakumar B., *International Journal of Mathematical Modelling and Numerical Optimisation*, **2018**, 8, 351-377.

Impact Factor: 0; Citations: 3

https://doi.org/10.1504/IJMMNO.2018.094548

18. Numerical investigation on MAP/PH(1), PH(2)/2 inventory system with multiple server vacations, Suganya C., Sivakumar B., Arivarignan G., *International Journal of Operational Research*, **2017**, 29, 1-33.

Impact Factor: 0; Citations: 9

https://doi.org/10.1504/IJOR.2017.083173

19. A finite-source inventory system with postponed demands and modified M vacation policy, Padmavathi I., Lawrence A.S., Sivakumar B., *OPSEARCH*, **2016**, 53, 41-62. Impact Factor: 0; Citations: 13

https://doi.org/10.1007/s12597-015-0224-7

20. A comparative study on replenishment policies of inventory system with postponed demands, Radhamani V., Sivakumar B., Lawrence A.S., *International Journal of Systems Science: Operations and Logistics*, **2016**, 3, 13-33.

Impact Factor: 9.040; Citations: 3

https://doi.org/10.1080/23302674.2015.1034298

21. Optimal Control Policy of an Inventory System with Postponed Demand, Chitra Devi P., Sivakumar B., Krishnamoorthy A., *RAIRO - Operations Research*, **2016**, 50, 145-155.

Impact Factor: 0; Citations: 5

https://doi.org/10.1051/ro/2015021

22. A perishable inventory system with service facility and feedback customers, Amirthakodi M., Radhamani V., Sivakumar B., *Annals of Operations Research*, **2015**, 233, 25-55.

Impact Factor: 4.820; Citations: 18

https://doi.org/10.1007/s10479-015-1821-9

23. Optimal control of service parameter for a perishable inventory system maintained at service facility with impatient customers, Al Hamadi H.M., Sangeetha N., Sivakumar B., *Annals of Operations Research*, **2015**, 233, 3-23.

Impact Factor: 4.820; Citations: 24

https://doi.org/10.1007/s10479-015-1821-9

24. A retrial inventory system with single and modified multiple vacation for server, Padmavathi I., Sivakumar B., Arivarignan G., *Annals of Operations Research*, **2015**, 233, 335-364.

Impact Factor: 4.820; Citations: 23

https://doi.org/10.1007/s10479-015-1821-9

25. Optimal control of production time of perishable inventory system with finite source of customers, Sangeetha N., Sivakumar B., Arivarignan G., *OPSEARCH*, **2015**, 52, 412-430.

Impact Factor: 0; Citations: 6

https://doi.org/10.1007/s12597-014-0193-2

26. An inventory system with service facility and finite orbit size for feedback customers, Amirthakodi M., Sivakumar B., *OPSEARCH*, **2015**, 52, 225-255.

Impact Factor: 0; Citations: 12

https://doi.org/10.1007/s12597-014-0193-2

27. An inventory system with two types of customers and retrial demands, Karthick T., Sivakumar B., Arivarignan G., *International Journal of Systems Science: Operations and Logistics*, **2015**, 2, 90-112.

Impact Factor: 9.040; Citations: 17

https://doi.org/10.1080/23302674.2014.1001004

28. A Stochastic Inventory System with Postponed Demands and Infinite Pool in Discrete-Time Setup, Radhamani V., Devi P.C., Sivakumar B., *Journal of the Operations Research Society of China*, **2014**, 2, 455-480.

Impact Factor: 0; Citations: 2

https://doi.org/10.1007/s40305-014-0063-x

29. Optimal control of service parameter for a perishable inventory system with service facility, postponed demands and finite waiting hall, Jenifer J.S.A., Sangeetha N., Sivakumar B., *International Journal of Information and Management Sciences*, **2014**, 25, 349-370.

Impact Factor: 0; Citations: 7

30. A comparative study of the inventory system with service facility and postponed demands, Jenifer J.S.A., Sivakumar B., *Journal of Systems Science and Systems Engineering*, **2014**, 23, 176-195.

Impact Factor: 1.265; Citations: 7

https://doi.org/10.1007/s11518-014-5242-0

31. A perishable inventory system with service facility and finite source, Shophia Lawrence A., Sivakumar B., Arivarignan G., *Applied Mathematical Modelling*, **2013**, 37, 4771-4786.

Impact Factor: 5.336; Citations: 26

https://doi.org/10.1016/j.apm.2012.09.018

32. A discrete time deteriorating inventory system with geometric lead time, Shophia Lawrence A., Sivakumar B., Arivarignan G., *International Journal of Operational Research*, **2013**, 18, 484-498.

Impact Factor: 0; Citations: 2

https://doi.org/10.1504/IJOR.2013.057513

33. A finite source multi-server inventory system with service facility, Yadavalli V.S.S., Sivakumar B., Arivarignan G., Adetunji O., *Computers and Industrial Engineering*, **2012**, 63, 739-753.

Impact Factor: 7.180; Citations: 18

https://doi.org/10.1016/j.cie.2012.04.014

34. A discrete time inventory system with postponed demands, Sivakumar B., Jayaraman R., Arivarignan G., *Journal of Computational and Applied Mathematics*, **2012**, 236, 3073-3083.

Impact Factor: 2.872; Citations: 11

https://doi.org/10.1016/j.cam.2012.01.023

35. A perishable inventory system with postponed demands and multiple server vacations, Jayaraman R., Sivakumar B., Arivarignan G., *Modelling and Simulation in Engineering*, **2012**, 2012.

Impact Factor: 0; Citations: 24

https://doi.org/10.1155/2012/620960

36. A multi-server perishable inventory system with negative customer, Yadavalli V.S.S., Sivakumar B., Arivarignan G., Adetunji O., *Computers and Industrial Engineering*, **2011**, 61, 254-273.

Impact Factor: 7.180; Citations: 31

https://doi.org/10.1016/j.cie.2010.07.032

37. An inventory system with retrial demands and multiple server vacation, Sivakumar B., *Quality Technology and Quantitative Management*, **2011**, 8, 125-146.

Impact Factor: 2.614; Citations: 34

https://doi.org/10.1080/16843703.2011.11673252

38. A perishable inventory system with retrial demands and a finite population, Sivakumar B., *Journal of Computational and Applied Mathematics*, **2009**, 224, 29-38. Impact Factor: 2.872; Citations: 51

https://doi.org/10.1016/j.cam.2008.03.041

39. A stochastic inventory system with postponed demands, Sivakumar B., Arivarignan G., *Performance Evaluation*, **2009**, 66, 47-58.

Impact Factor: 2.205; Citations: 21

https://doi.org/10.1016/j.peva.2008.08.001

40. Inventory system with renewal demands at service facilities, Yadavalli V.S.S., Sivakumar B., Arivarignan G., *International Journal of Production Economics*, **2008**, 114, 252-264.

Impact Factor: 11.251; Citations: 16

https://doi.org/10.1016/j.ijpe.2007.12.013

41. Two-commodity inventory system with retrial demand, Sivakumar B., *European Journal of Operational Research*, **2008**, 187, 70-83.

Impact Factor: 6.363; Citations: 24

https://doi.org/10.1016/j.ejor.2007.02.036

42. A perishable inventory system with service facilities and retrial customers, Manuel P., Sivakumar B., Arivarignan G., *Computers and Industrial Engineering*, **2008**, 54, 484-501.

Impact Factor: 7.180; Citations: 51

https://doi.org/10.1016/j.cie.2007.08.010

43. An inventory system with postponed demands, Sivakumar B., Arivarignan G., *Stochastic Analysis and Applications*, **2008**, 26, 84-97.

Impact Factor: 1.344; Citations: 13

https://doi.org/10.1080/07362990701670274

44. Two-commodity inventory system with individual and joint ordering policies and renewal demands, Sivakumar B., Anbazhagan N., Arivarignan G., *Stochastic Analysis and Applications*, **2007**, 25, 1217-1241.

Impact Factor: 1.344; Citations: 6

https://doi.org/10.1080/07362990701670274

45. Perishable inventory system with postponed demands and negative customers, Manuel P., Sivakumar B., Arivarignan G., *Journal of Applied Mathematics and Decision Sciences*, **2007**, 2007.

Impact Factor: 0; Citations: 26

https://doi.org/10.1155/2007/94850

46. A perishable inventory system with service facilities, MAP arrivals and PH - Service times, Manuel P., Sivakumar B., Arivarignan G., *Journal of Systems Science and Systems Engineering*, **2007**, 16, 62-73.

Impact Factor: 1.265; Citations: 41

https://doi.org/10.1007/s11518-006-5025-3

47. Two commodity continuous review perishable inventory system, Sivakumar B., Anbazhagan N., Arivarignan G., *International Journal of Information and Management Sciences*, **2006**, 17, 47-64.

Impact Factor: 0; Citations: 6

48. A perishable inventory system at service facilities with negative customers, Sivakumar B., Arivarignan G., *International Journal of Information and Management Sciences*, **2006**, 17, 1-18.

Impact Factor: 0; Citations: 20

2. Papers Published in Conference Proceedings

- 1. M. Keerthana and B. Sivakumar, "An inventory System with Service Facility, Poisson Arrival, Arbitrary Service Times, Positive Lead Times and Finite Waiting Space", Proceedings of the International Conference on Science and Technology (ICST 2018). Eds. Sasi G., Dhannia T., Mridula S., Varghese J., and Sariga R. ISBN: 978-81-936217-2-1.
- 2. Navas, K.B.R., Banu, J.K., Katyal, R., Sivakumar, B., Prakash, S., Reddy, J.K., A Novel Short Term Wind Speed Forecasting based on Hybrid Neural Network: A Case Study on Smart City in India, 7th Iran Wind Energy Conference, IWEC 2021.
- 3. V. Radhamani, B. Sivakumar and G. Arivarignan, Perishable Inventory System with Service Facility, Multiple Server Vacations and Negative Demands, Proceedings of the International Conference on ``Optimization, Computing and Business Analytics (ICOCBA 2012), Eds. Professor S. P. Mukherjee, Dr. Ananya Kanjilal and Dr. Sabnam Sengupta, December 20-22, 2012, Allied Publishers pvt. Ltd., New Delhi, 84 89.
- 4. I. Padmavathi, B. Sivakumar and G. Arivarignan, Analysis of an Inventory System with Postponed Demands and Modified Server Vacations, Proceedings of the International Conference on "Optimization, Computing and Business Analytics (ICOCBA 2012), Eds. Professor S. P. Mukherjee, Dr. Ananya Kanjilal and Dr. Sabnam Sengupta, December 20-22, 2012, Allied Publishers pvt. Ltd., New Delhi, 78 83.
- 5. J. Sebastian Arokia Jenifer and B. Sivakumar, A Perishable Inventory System with Service Facility, Postponed Demand and Finite Waiting Hall, Proceedings of the International Conference on "Optimization, Computing and Business Analytics (ICOCBA 2012), Eds. Professor S. P. Mukherjee, Dr. Ananya Kanjilal and Dr. Sabnam Sengupta, December 20-22, 2012, Allied Publishers pvt. Ltd., New Delhi, 72 77.
- 6. C. Suganya, B. Sivakumar and G. Arivarignan, An (s,S) Inventory system with Two Hetrogeneous Server and Multiple Server Vacations, Proceedings of the International Conference on ``Optimization, Computing and Business Analytics (ICOCBA 2012), Eds. Professor S. P. Mukherjee, Dr. Ananya Kanjilal and Dr. Sabnam Sengupta, December 20-22, 2012, Allied Publishers pvt. Ltd., New Delhi, 66 71.
- 7. A. Shophia Lawrence, M. Amirthakodi and B. Sivakumar, Finite Source Inventory System with Service Facility and Feedback Customers, Proceedings of the International Conference on ``Optimization, Computing and Business Analytics (ICOCBA 2012), Eds. Professor S. P. Mukherjee, Dr. Ananya Kanjilal and Dr. Sabnam Sengupta, December 20-22, 2012, Allied Publishers pvt. Ltd., New Delhi, 60 65.
- 8. V. S. S. Yadavalli, B. Sivakumar and G. Arivarignan, An inventory sytems with multi-server service facility with negative demands, Proceedings of the conference on "Computers And Industrial Engineering", July 6-8, 2009, (CIE 39), 797 802, France.

- 9. G. Arivarignan, V. S. S. Yadavalli and B. Sivakumar, A Perishable Inventory System with Multi-server Service Facility and Retrial Customers, Management Science and Practice, Ed. N. Ravichandran, Allied Publishers pvt. Ltd., New Delhi, 3 27, 2008.
- 10. V. S. S. Yadavalli, CdeW van Schoor, B. Sivakumar and G. Arivarignan, Two Commodity Continuous Review Inventory System with Bulk Demand for One Commodity, Proceedings of the 37th International Conference on Computers and Industrial Engineering, Eds. M. H. Elwany and A. B. Eltawil, 816 824.
- 11. B. Sivakumar, G. Arivarignan and A. Sundaram, A Stochastic Inventory System at Service Facilities with Negative Customers, Proceedings of National Conference on Mathematical and Computational Models, Eds. R. Arumuganathan and R. Nadarajan, Allied Publishers pvt. Ltd., New Delhi, 159 170, 2005.
- 12. G. Arivarignan and B. Sivakumar, A Continuous Review Inventory System with MAP Arrivals and Two Types of Customers, Proceedings of the State level Seminar on Industrial Mathematics, Vaniambadi, 1 8, 2005.
- 13. B. Sivakumar and G. Arivarignan, A Continuous Review Inventory System with Service Facilities and Negative Customers, Eds. V. Swaminathan and R. Sridharan, Proceedings of the National Symposium on Interdisciplinary Applications of Mathematical Modelling, V.V.V. College, Virudhunagar, 200 214, 2005.
- 14. G. Arivarignan and B. Sivakumar, Inventory Systems with Renewal Demands at Service Facilities, in the Stochastic Point Processes, Eds. S. K. Srinivasan and A. Vijayakumar, Narosa Publishing House, New Delhi, 108 123, 2003.