

Dr R SUMATHI

Professor, Dept of Computer science and Engineering, SIT

Contact: 9972131024

Email: rsumathi@sit.ac.in

 Orcid Id : [0000-0003-0578-3633](https://orcid.org/0000-0003-0578-3633)

 Scopus Id : [24529229000](https://scopus.com/authid/detail.url?authorId=24529229000)

 Google Scholar Id : [MurvK8sAAAAJ](https://scholar.google.com/citations?user=MurvK8sAAAAJ)

 Web of science Id : [IYS-8625-2023](https://www.webofscience.com/wos/authorid/authorid.aspx?authorid=IYS-8625-2023)

H-index: : [11](#)

i-10 Index: : [15](#)

Faculty ID:SIT0093

EDUCATION

	Degree	Year	Institute	Specialization
1	Ph.D.	2012	Dr MGR Educational and Research Institute, Chennai.	Computer Science and Engineering
2	M.E	1997	University of Visveswaraiyah College of Engineering (UVCE), Bangalore, Bangalore University.	Computer Science and Engineering
3	BE	1992	Siddaganga Institute of Technology (SIT), Tumkur-3. Bangalore University.	Computer Science and Engineering

PROFESSIONAL EXPERIENCE

	Date (from-to)	Designation	Organization
1	AUG-2022-till date	PROFESSOR	Siddaganga Institute of Technology (SIT),
2	AUG 2017-July 2022	PROFESSOR and Head of department	
3	SEP 2012 to JULY 2017	PROFESSOR	
4	Jan-2011 to Aug-2012	ASSOCIATE PROFESSOR	
5	Nov-1998 to Dec-2010	ASSISTANT PROFESSOR	
6	Oct-1992 to Oct-1998	LECTURER	

(Please fill in reverse order. Current designation should be at the top)

ADDITIONAL RESPONSIBILITIES AT DEPARTMENT LEVEL

- ❖ Instrumental in the design of curriculum for the program “Artificial Intelligence and Data Science”
- ❖ Board of Examiner (BOE) - Chairman (2014 – 2020)
- ❖ Board of Studies (BOS) - Chairman- (2017 – 2020)
- ❖ Department Academic Affairs Committee (DAAC) - Chairman – (2017-2020)
- ❖ Department Project Evaluation Committee (DPEC) – Chairman- (2020-till date)
- ❖ Currently Member of BOE, BOS, Department Advisory Board (DAB), DAAC, DPEC
- ❖ PG – Coordinator (MTech CNE)
- ❖ Program Vice Chair: First International conference on Emerging Computation and Information Technology (ICECIT-2013) during 22-23, Nov. 2013, in collaboration with Florida International University (FIU), Miami, USA.
- ❖ Program Chair: Second IEEE- International conference on Emerging Computation and Information Technology (ICECIT-2017) during Dec. 15th - 16th, 2017 in collaboration with Florida International University (FIU), Miami, USA.
- ❖ Participated as coordinator /member in various committees.
- ❖ Organized HACKTHON: “Hack Fest- 2018” on 29th and 30th Sep. 2018
- ❖ Organized Webinar series on “IT Industry Trends” from 1st July -16th July 2020
- ❖ Organized various workshops/FDPs at department level

ADDITIONAL RESPONSIBILITIES AT INSTITUTE LEVEL

- ❖ Institute Strategic Plan Committee- Member
- ❖ Governing Council- Member (JUNE 2019- JUNE 21)
- ❖ Consistently performed various roles and responsibilities at institute level extracurricular and co-curricular events
- ❖ Social Media Committee - member
- ❖ Squad for Anty Sexual Harassment committee- chairman
- ❖ Siddaganga Institute of Technology Alumni Association (SITAA) activities
- ❖ Worked as Remote Center Co-ordinator for IIT Bombay

OTHER ASSIGNMENTS

- Former BoE member, DSCE Bangalore- (VTU nominee)
- Former Doctoral Committee member – REVA university
- Reviewed many research papers for various international conferences.
- Session chair at various National and International conferences
- BoS member (VTU Nominee- Ongoing)

MEMBER OF PROFESSIONAL SOCIETIES

- Member of CSI
- Life member of ISTE
- Member of IEI

COURSES TAUGHT

Undergraduate Courses

- Computer Programming and Problem-Solving using C
- Computer organization
- Logic design
- Assembly language and programming-8086
- Microprocessor-8085
- Application programming
- Programming Languages
- Digital System design
- Computer Architecture
- Data Structures
- System programming
- Operating systems
- Advanced Computer Architecture
- System software
- Computer Networks
- Data Communication
- Distributed operating Systems
- Cloud Computing
- **Machie Learning Techniques**

Postgraduate Courses

- Generative AI and Prompt Engineering
- Cloud Computing
- Advances in Computer Networks
- Distributed operating Systems
- Communication Protocol Engineering
- Advanced operating systems
- Machie Learning Techniques
- Deep Learning
- Operating systems
- Advances Computer Architecture

RESEARCH GUIDANCE

Name of Research Scholar	Research Title	Year of completion/Status
Mr. Kumaresh Sheelavanth	Development of Energy-Efficient and Intelligent Protocols for Cognitive Radio Sensor Networks	2022

Anitha C L	Design and development of energy efficient data aggregation and data dissemination protocols in WSN using AI based techniques.	2023
Savithamma R M	Modeling Automobile Traffic and Evolving Transit Signal Priority Strategies for Tumakuru City Using Machine Learning Techniques	2023
Ashwini B P	Modeling Public Transit Data for Managing Traffic in Tumakuru City using Machine Learning Techniques	2023
Basavaraj K Madagouda	Artificial intelligence approach to localization in wireless sensor Networks	2024
Sandhya R Savanur	Development of Optimized Sentiment Analysis Techniques for Predictive Modelling	writing the thesis
Hemavathi N	Modeling and Development of Artificial Intelligence -Driven Solutions for Smart Traffic Management and Sustainable Transportation in Heterogeneous Urban Traffic Environments.	Completed the course work and about to take up her Comprehensive viva
Sadiya	Explainable Deep Reinforcement Learning Models for Real-Time Personalized Treatment Optimization in Chronic Disease Management	Preparing for course work

RESEARCH AREAS

- Artificial Intelligence and Machine Learning
- Cloud Computing

ACTIVITIES TOWARDS ACREDITATION and OUTCOME BASED EDUCATION

- Completed NPTEL online certification course on “**Accreditation and Outcome Based Education**” (8 weeks course) securing ELITE grade (93%)
- Authored a Paper titled as “**Curriculum Compliance Improvement Model for Addressing Program Outcomes in Engineering Education**” and accepted for publication in *Journal of Engineering Education Transformations*

- Authored following articles in monograph titled as “Understanding Outcome Based Education and Accreditation”, Published by State Project Implementation Unit, Uttar Pradesh, A World Bank Assisted Project Under Ministry of Education, Govt. of India
 - *Pedagogy in Outcome based education: A case study.*
 - *Programme Curriculum Design and Development Process*
 - *Teaching Learning Process: A general Model*
- Instrumental in preparing NBA – SAR of Computer Science and Engineering program during 2019 at Siddaganga Institute of Technology, Tumkur
- Mentored department of EEE at Siddaganga Institute of Technology, Tumkur in preparing NBA – SAR and program successfully got accredited for three years.
- Attended AICTE approved Four-week Faculty Development Programme on “**Use of ICT in Education for Online a Blended Learning**” conducted by IIT Bombay. (2nd May 2016 – 10th July 2016)
- One day training program on “**ISO 9001:2008 Internal Auditors Training Program**” sponsored by TEQIP-II at SIT, Tumkur held on 31st July 2014.
- Internal quality auditor for ISO 9001:2015 Quality Management System.

PROJECT AND RESEARCH GUIDANCE AT PG LEVEL

- *Guided more than 30 projects and assisted students to publish their research work.*

FDPS/WORKSHOPS/SEMINARS/ WEBINARS ATTENDED

- AICTE sponsored online short-term course on “**Recent Advances in Network Security and Blockchain Technology**” during 7th – 12th Dec 2020.
- Faculty development program on “**Mathematics and Statistics for Machine Learning**” Sponsored by Ministry of Electronics and Information Technology (Meity), GoI, Organized by E&ICT Academy, NIT Warangal and Pondicherry University during 22nd November-2nd December 2021.
- TEQIP sponsored Workshop on “**Management Capacity Enhancement Programme**” organized by Indian Institute of Management Trichi, Chennai during 25th to 30th July 2016.
- TEQIP Sponsored Training Programme “**Formulation of Research and development initiatives for engineering Faculty**” organized by SIT, during 26th and 27th June 2014.
- “**Industry Conclave: Employability Enhancement of Post Graduate Student**” organized by R V College of Engineering held on 5th Feb 2016.
- One-day national level webinar on “**College To Corporate – Enabling through Right skills**” organized by The Department of HRM, Faculty of Humanities and Science, Adayalampattu Phase II Campus on 30th November 2020.
- one-day national level webinar “**Machine Learning Beyond the Hype**” organized by Department of CSE, Dr M.G R Educational Research Institute, Chennai on 11th Nov 2020.
- Three days online faculty development program on “**Machine Learning Using Python**” organized by NITK-STEP National Institute of Technology, Karnataka, Surathkal, during 9th July -11th July 2020
- Series of in-house workshops attended:
 - ✓ Deep Learning and its Applications

- ✓ IT Industry Trends- **Webinar**
- ✓ IOT, Deep learning & Cloud Computing
- ✓ Block Chain Technology
- ✓ Programming using Python and R-tool.
- ✓ Embedded Systems and Research Methodologies
- ✓ Industry oriented Software Project Management
- ✓ Use of ICT in Education for online and Blended Learning
- ✓ Data Analytics & Machine Learning
- ✓ GEN AI and Prompt engineering

PUBLICATIONS

Journals

Sl. No.	Author(s)	Title	Name of Journal	Volume/ Year
1	Sumathi R. Savithamma R.M. Ashwini B.P.	A Systematic Framework for Designing and Implementing Outcome-Based Curriculum in Engineering Education: A Comprehensive Approach	Journal of Engineering Education Transformations	37/ 2024
2	Savanur S.R. Sumathi R. Srinivasamurthy S.K.	AlgoDM: algorithm to perform aspect-based sentiment analysis using IDistance matrix	International Journal of Electrical and Computer Engineering	14 / 2024
3	Ashwini B.P. Sumathi R. Sudhira H.S.	Public Transit Bus Travel Time Variability Analysis Using Limited Datasets: A Case Study	Current Applied Science And Technology	24 / 2024
4	Sumathi R. Ashokkumar S.	Stacked Optimized Ensemble Machine Learning Model for Predicting Stock Trends through Candlestick Chart Analysis with Feature Engineering Approach	SSRG International Journal of Electronics and Communication Engineering	11/ 2024
5	Madagouda B.K. Sumathi R.	Enhancing network lifetime in wireless sensor networks through coverage-aware optimized sensor activation	Indonesian Journal of Electrical Engineering and Computer Science	35/2024
6	Sumathi R. Ashokkumar S.	A Novel Model for Predicting Stock Index Trends through Hybrid	SSRG International Journal of Electronics	11/2024

		Observed Mode Decomposition-Based Optimized Dynamic Sequential Extreme Learning Machine	and Communication Engineering,	
7	Ashwini B.P. Sumathi R. Sudhira H.S.	Analyzing Travel Time Reliability of a Bus Route in a Limited Data Set Scenario: A Case Study	International Journal of Intelligent Systems and Applications in Engineering	30-39/ 2023
8	Prakash A.B. Sumathi R. Sudhira H.S.	Hybrid travel time estimation model for public transit buses using limited datasets	IAES International Journal of Artificial Intelligence	12/2023
9	Sumathi R. Savithramma R.M. Ashwini B.P.	Curriculum Compliance Improvement Model for Addressing Program Outcomes in Engineering Education	Journal of Engineering Education Transformations	37/2023
10	Savithramma, RM and Sumathi, R and Sudhira, HS	Reinforcement learning based traffic signal controller with state reduction	Journal of engineering research	11/2023
11	C L A. Sumathi R.	Anomaly detection in WSN IoT (Internet of Things) environment through a consensus-based anomaly detection approach	Multimedia Tools and Applications	2023
12	R M S. Sumathi R.	Intelligent traffic signal controller for heterogeneous traffic using reinforcement learning	Green Energy and Intelligent Transportation	2/2023
13	Pavitha N. Ashwini B.P. Savithramma R.M. Sumathi R.	A Comparative Study of Re-Sampling Techniques on Machine Learning Model Performance	<u>Grenze International Journal of Engineering & Technology (GIJET)</u>	8/2022
14	R M, Savithramma, Sumathi, R Sudhira,H S	Variability Analysis of Isolated Intersections Through Case Study	arXiv preprint	2022
15	B P.Ashwini , Ranganathaiah Sumathi , H S, Sudhira	A Dynamic Model for Bus Arrival Time Estimation based on Spatial Patterns using Machine Learning	arXiv:2210.00733	2022

16	Padmapriya M. Pasupathy S. Sumathi R. Punitha V.	A deep learning model framework for diabetic retinopathy detection	International Journal of Networking and Virtual Organisations,	27 / 2022
17	Ashwini B.P. Sumathi R. Sudhira H.S.	A Dynamic Model for Bus Arrival Time Estimation based on Spatial Patterns using Machine Learning	International Journal of Engineering Trends and Technology	70 / 2022
18	Savithramma R.M. Sumathi R. Sudhira H.S.	SMART Emergency Vehicle Management at Signalized Intersection using Machine Learning	Indian Journal Of Science And Technology	15 / 2022
19	Savithramma R.M. Sumathi R. Sudhira H.S.	Variability Analysis of Isolated Intersections Through Case Study	International Journal of Engineering Trends and Technology,	70 / 2022
20	Kumaresh Sheelavant ., Sumathi R .,	Correlative Dynamic Mapping based Optimization (CDMO) for Optimal Allocation in Cognitive Radio Sensor Network	Revista Geintec-Gestao Inovacao E Tecnologias	11 / 2021
21	Kumaresh Sheelavant ., Sumathi R ., Charan K V .,	Optimal routing and scheduling for cognitive radio sensor networks using ensemble multi probabilistic optimization and truncated energy flow classification model	International Journal of Engineering Trends and Technology,	69 / 2021
22	Kumaresh Sheelavant R. Sumathi	Dynamic Compilation of Pattern based clustering and Volumetric Probabilistic Mining for Network Routing in Cognitive Radio Sensor Networks	Indian Journal Of Science And Technology	14 / 2021
23	Basavaraj Madagouda, R. Sumathi	Artificial Neural Network Approach using Mobile Agent for Localization in Wireless Sensor Networks	Advances in Science, Technology and Engineering Systems Journa	6 / 2021
24	Basavaraj Madagouda R. Sumath	Enhanced Artificial Bee Colony method for node deployment and routing in Wireless Sensor Networks	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	7 / 2021

25	Sumathi R. Arjunan S.	Towards better segmentation of object of interest using histogram equalisation and morphological reconstruction	International Journal of Signal and Imaging Systems Engineering	7 / 2014
26	C. L.Anitha Sumathi, R.	Comparative Analysis of Data Aggregation Algorithms Under Various Architectural Models in Wireless Sensor Networks.	BVICAM's International Journal of Information Technology	6 / 2014
27	Anand Guggari R. Sumathi H. D. Kallinatha	Energy Efficient and Cost Effective Localization using VAN (Virtual Anchor Node) in Wireless Sensor Networks	International Journal of Engineering Innovation & Research	2 /2013
28	Sumathi R. Srinivas M.G.	A survey of QoS based routing protocols for wireless sensor networks	Journal of Information Processing Systems	8 / 2012
29	Sumathi R. Srinivasan R.	QoS aware routing protocol to improve reliability for prioritised heterogeneous traffic in wireless sensor network	International Journal of Parallel, Emergent and Distributed Systems	27 / 2012
30	Sumathi R. Srinivasan R.	Performance analysis of the EBARR protocol for wireless sensor networks	International Journal of Information Technology	2 /2012

Conference Proceedings

Sl. No.	Author(s)	Title	Name of Conference	Pages/ Year
1	C. A. Sohana, Suha Saeed S. U. Thanushree, R. Sumathi; B. P. Ashwini Savithramma R.M.	Analysing trends and forecasting rainfall in subregions of Karnataka using machine learning models	<i>AIP Conf Proc.</i>	2025
2	Ashwini B.P. Sumathi R. Savithramma R.M.	Machine Learning Approaches for Rainfall Trend Analysis and Forecasting in Subregions of Karnataka	2nd IEEE International Conference on Data Science and Network Security, ICDSNS	2024
3	Sumathi R. Savithramma R.M.	Maximizing CPU Performance: Advancing Efficiency and Fairness through Adaptive Round	2nd IEEE International Conference on Data Science and	2024

		Robin Scheduling with Triple Queues (ARRTQ)	Information System, ICDSIS 2024	
3	Ashwini B.P. Savithramma R.M. Sumathi R. Sudhira H.S.	Information and Communication Technology in Transit Signal Priority Systems: A Review	Lecture Notes in Networks and Systems	789-800 / 2023
5	Aswini B.P. Savithramma R.M. Sumathi R.	Bus Dwell Time Forecasting using Machine Learning Models	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023	1156-1161/ 2023
6	Anitha C.L. Sumathi R.	A Federated Texture Learning and Scheduling (FTLS) for Energy Efficient Data Aggregation Model in WSN System	IEEE International Conference on Data Science and Information System, ICDSIS 2022	2022
7	Prarthana V. Hegde S.N. Sushmitha T.P. Savithramma R.M. Sumathi R.	A Comparative Study of Artificial Intelligence based Vehicle Classification Algorithms used to Provide Smart Mobility	Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022	2341-2348/ 2022
8	Sandhya R Savanur; R Sumathi	ABSADM - Aspect-Based Sentiment Analysis using Distance Matrix	2022 International Conference on Futuristic Technologies (INCOFT)	2022
9	Chinmayee P. Patil A.H. Bhavika V.K. Ashwini B.P. Sumathi R.	A Comprehensive Survey on Parametric and Non-Parametric Machine Learning Approaches for Bus Arrival Time Prediction	4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022	816-822 / 2022
10	Madagouda B.K. Sumathi R.	Range Based Localization using Least Square Method in WSN	International Conference on Emerging Trends in Engineering and Technology, ICETET	2022
11	Savithramma R.M. Ashwini B.P. Sumathi R.	Smart Mobility Implementation in Smart Cities: A Comprehensive Review on State-of-art Technologies	Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022	10-17 / 2022

12	B. P. Ashwini R. Sumathi	Variability Analysis of Public Transit Bus Travel Time Using GPS Logs: A Case Study	Proceedings of the Third International Conference on Information Management and Machine Intelligence	567– 577 2022
13	Mallikarjuna Swamy N. Sumanth H.S. Keerthi Manjunatha C. Sumathi R.	Indian Sign Language Detection Using YOLOv3	Lecture Notes in Electrical Engineering	853 / 2022
14	Ashwini B.P. Sumathi R. Sudhira H.S.	Bus Travel Time Prediction: A Comparative Study of Linear and Non-Linear Machine Learning Models	Journal of Physics: Conference Series	2161 / 2022
15	Savithramma R.M. Sumathi R. Sudhira H.S.	A Comparative Analysis of Machine Learning Algorithms in Design Process of Adaptive Traffic Signal Control System	Journal of Physics: Conference Series	2161 / 2022
16	Savithramma R.M. Sumathi R.	Comparative Analysis of Waiting Delay Estimation Models for Signalized Intersections: A Case Study Tumakuru City	Proceedings of the Third International Conference on Information Management and Machine Intelligence	579– 589 / 2022
17	Chandraprabha K.S. Shwetha A.N. Kavitha M. Sumathi R.	Real time-employee emotion detection system (RtEED) using machine learning	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	2021
18	Ashwini P.B. Sumathi R.	Data sources for urban traffic prediction: A review on classification, comparison and technologies	Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020	628- 635 / 2020
19	Savithramma R.M. Sumathi R.	Road Traffic Signal Control and Management System : A Survey	2020 3rd International Conference on Intelligent Sustainable Systems (ICISS)	2020

20	Savithramma R.M. Sumathi R.	Road Traffic Signal Control and Management System : A Survey	2020 3rd International Conference on Intelligent Sustainable Systems (ICISS),	104- 110 / 2020
21	Roopak T.M. Sumathi R.	Electronic Voting based on Virtual ID of Aadhar using Blockchain Technology	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020	71-75 / 2020
22	Madagouda B.K. Sumathi R.	Analysis of Localization Using ANN Models in Wireless Sensor Networks	2019 IEEE Pune Section International Conference, PuneCon 2019,	2019
23	V. Kavya, R. Sumathi & A. N. Shwetha	A Survey on Data Auditing Approaches to Preserve Privacy and Data Integrity in Cloud Computing	International Conference on Sustainable Communication Networks and Application	108– 118 2019
24	Chennabassamma Sumathi R.	Analysis and verification of key performance parameters of cellular network on CEMoD portal	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology,	2095- 2100 2018
25	Gowda B.K. Sumathi R	Hierarchy attribute-based encryption with timing enabled privacy preserving keyword search mechanism for e- health clouds.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology,	425- 429 2018
26	Savanur S.R. Sumathi R.	Feature Based Sentiment Analysis of Compound Sentences	2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017	2018
27	Sheelavant K. Sumathi R.	Interference and Delay Aware Routing Algorithm for Cognitive Radio Sensor Networks	2017 2nd International Conference On Emerging Computation and Information Technologies, ICECIT 2017	2018

28	Manasa H. Sumathi R.	Seasonal Renting Scheme	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018	995-999 / 2018
29	Kc A. Sumathi R.	Analyzing Twitter Sentiments with Big Data	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018	989-994 / 2018
30	Jamagav S. Sumathi R.	Efficient and secured search on encrypted cloud data for mobile device	2016 International Conference on Computation System and Information Technology for Sustainable Solutions, CSITSS 2016	375-381 2016
31	Sheelavant K. Sumathi R.	Energy efficient reliable routing through dynamic spectrum management in cognitive radio sensor networks	Proceedings of 2014 International Conference on Contemporary Computing and Informatics, IC3I 2014,	817-822 / 2014
32	Roopa C.M. Sumathi R.	DMODL - Distributed Multi-hop On-Demand Localization using virtual anchor nodes in Wireless Sensor Networks	Proceedings - 2012 3rd International Conference on Emerging Applications of Information Technology, EAIT 2012,	413-417 / 2012
33	Madagouda B. Sumathi R. Shanthakumara A.	Localization of sensor nodes using flooding in wireless sensor networks	Communications in Computer and Information Science, CCIS	269 / 2012 (637-646)
34	Preethi J.D. Sumathi R.	An energy efficient on-demand routing by avoiding voids in wireless sensor network	Advances in Intelligent and Soft Computing AISC	132-2012 (255-263)
35	Sumathi R. Srinivasan R.	RSS-based location estimation in mobility assisted wireless sensor networks	6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology	2 / 2022 (848-852)

			and Applications, IDAACS'2011	
36	R. Sumathi, R. Srinivasan	Adaptable threshold energy scheme for load balancing to improve network longevity in wireless sensor networks	International Journal of Computing	9 / 2010
37	Sumathi R. Srinivasan R.	QoS aware routing for end-to-end reliability of delay sensitive events in wireless sensor networks	Proceedings of the 4th International ICST Conference on Communication System Software and Middleware, COMSWARE '09,	2009
38	Sumathi R. Srinivasa M.G. Srinivasan R.	An approach to load balancing and network longevity using dynamic adaptive routing in wireless sensor networks	6th Annual IEEE International Conference on Pervasive Computing and Communications, PerCom 2008,	366- 371 / 2008
39	Sumathi R. Srinivasa M.G. Srinivasan R.	Adaptive Routing Algorithm for Load Balancing in Wireless Sensor Networks		2007

Book Chapters

Sl. No.	Author(s)	Title	Name of Conference	Pages/ Year
1	A. N. Shwetha, R. Sumathi C. P. Prabodh	A Survey on Mobile Application Development Models	Studies in Systems, Decision and Control (SSDC)	452 / 2023
2	Navya S. Sumathi R.	Performance Comparison of Data Security Strategies in Fog Computing	Lecture Notes on Data Engineering and Communications Technologies,	116 / 2022