

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Dr. R. Eswari, obtained B.E. in the field of Computer Science and Engineering from Bharathidasan University, Tiruchirappalli and M.E. in the field of Computer and Communication from Anna University, Chennai. She pursued her Ph.D. degree from National Institute of Technology, Tiruchirappalli. She is currently working as Assistant Professor in the Department of Computer Applications, National Institute of Technology, Tiruchirappalli. Her research interest includes Computational Intelligence, Multi-objective Optimization, Cloud computing, Distributed scheduling, and Cyber security.

1. **Name:** Dr.R.Eswari
2. **Designation:** Assistant Professor
3. **Office Address:** #122, Lyceum Building
Department of Computer Applications
National Institute of Technology
Tiruchirappalli - 620015
4. **Telephone:** 0431-2503744
5. **Email (Primary):** eswari@nitt.edu
6. **Field(s) of Specialization:** Computational Intelligence, Multi-objective Optimization, Cloud Computing, Distributed Scheduling, Cyber security

7. Employment Profile

Job Title	Employer	From	To
Assistant Professor – Grade I (PB3 – 8000)	National Institute of Technology, Tiruchirappalli	12.03.2018	Till date
Assistant Professor – Grade II (PB3 – 6000)	National Institute of Technology, Tiruchirappalli	22.07.2008	11.03.2018
Lecturer	P. R. Engineering College	17.01.2006	21.07.2008

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8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Division/ Grade	Subjects
Ph.D.	National Institute of Technology, Tiruchirappalli	-	Scheduling algorithms for distributed systems
M.E.	Anna University, Chennai	First class with distinction (College first rank)	Computer and Communication
B.E.	Bharathidasan University, Tiruchirappalli	First class with distinction	Computer Science and Engineering
H.S.C	State Board	First Class	Maths, Physics, Chemistry, Biology
S.S.L.C	State Board	First Class	Maths, Science, Language

9. Academic/Administrative Responsibilities within the University

Activity	Position	Department/ Institution	From	To
PG Admission Committee	Member	Institute	2019	Till date
Tender Committee	Member	Institute	Jan 2022	Till date
Identification of posts to be filled by PWDs	Member	Institute		
Committee for monitoring the activities under NITT – SETS MoU	Member	Institute	Oct. 2018	
Convocation committee	Member	Institute	2009, 2010, 2014, 2016	
Anti-Ragging Committee	Member	Institute	2018	
Stock Verification	Officer	Institute	2013	2015
Department library	Faculty-Incharge	Department	Jan. 2010	May 2022
SOFTREC (Alumni Association)	Staff Advisor	Department	2015	Till date
Soft Computing Club (SCC)	Staff Advisor	Department	2018	Till date
M.Tech. (Data Analytics)	Course Coordinator	Department	Jan. 2019	June 2019
M.Tech (Data Analytics) course strengthening committee	Member	Department	2019	
M.Sc. (CS) Admission	Coordinator	Department	2016	2018
Performance Analysis Committee	Chairperson	Department	2009, 2011, 2013-2018, July.2019, Jan.2020, July 2020, July 2021,	

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			Jan.2022	
Departmental Project Evaluation Committee (DPEC) member for M.Tech.(Data Analytics)	Member	Department	2018 – 2021	
Orientation programme for M.Sc.(CS)	Organizer	Department	2018	
MCA and M.Sc.(CS) Admission Committee	Member	Department	2009	2019
Ph.D. Admission Committee	Member	Department	2018	2019
Department webpage updates committee	Faculty In-charge	Department	2019	
M.Tech. MCA and M.Sc. Students	Staff Advisor	Department	July 2019	
Department File Tracking System	Member	Department	2017	
Department MIS team	Member	Department	2017	
MCA and M.Sc. – Board of Studies	Member	Department		
MCA and M.Sc.(OR&CA) Girls	Staff Advisor	Department	2013	
NBA accreditation committee	Member	Department	2017	
Syllabus revision for 2 years MCA course	Co-coordinator	Department	2020	
Annual General Meet	Staff Advisor	Department	2015	Till date

10. Academic/Administrative Responsibilities outside the University

Position	Institution
Doctoral Committee, External Member	Anna University, Chennai
Doctoral Committee, External Member	Anna University, Trichy
Ph.D. Assessment Committee, External Member	Anna University, Trichy
Selection committee for DST project, External Member	Anna University, Trichy
Purchase committee, External Member	Anna University, Trichy

13. Details of Academic Work

(i) Curriculum Development

- Computational Intelligence
- Database Technologies
- Artificial Intelligence

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- Soft Computing
- Distributed Computing

(ii) Courses taught at Postgraduate and Undergraduate levels

Undergraduate:

- Data Structures and Algorithms
- Basics of Programming
- Advanced Programming languages, C++

Postgraduate:

- Database Management Systems
- Design and Analysis of Algorithms
- Computer Organization and Architecture
- Cloud Computing
- Management Information Systems
- Soft Computing
- Computational Intelligence
- Resource Management Techniques
- Artificial Intelligence
- Operating Systems
- Data Structures and Algorithms

Laboratory:

- Database Management Systems Lab
- Data Structures Lab
- Programming in C Lab
- Basics of Programming Lab
- Operating Systems Lab
- Artificial Intelligence Lab

(iii) Projects guided at Postgraduate level: 12 per year

(iv) Other contribution(s)

- Initiated the purchase process for an amount Rs.9,08,000/- under plan fund which was utilized to purchase high end computers for PG lab.
- Initiated the purchase process for an amount Rs.1,79,970/- capital expenditure which was utilized to purchase high end computers for Computational Intelligence lab.
- Initiated the purchase process for an amount of R.1,03,040/- under plan fund and was utilized to purchase chairs for the department faculty members.
- Initiated the purchase process for an amount of Rs.13,70,000/- under FIST project and was utilized to purchase server for FIST data storage.
- Initiated the purchase process for an amount Rs.3,28,464/- under plan fund which was utilized to purchase a workstation for Computational Intelligence lab.

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- Reviewer for the International Journal - Applied Soft Computing, Elsevier
- Reviewer for the International Journal – International Journal of Business Intelligence and Data Mining, Inderscience
- PG project review committee member
- Acted as jury for various students’ activities: Version, ACM, Acumen, Optima, Smart India Hackathon (2019)

15. Number of PhDs guided/ongoing

Name of the PhD Scholar	Title of PhD Thesis	Role (Supervisor/ Co-Supervisor)	Year of Award
S. Suseela	Performance Enhancement of Wireless Multimedia Sensor Networks using Energy Efficient Routing Algorithms	Supervisor	2021
B. Nithiya	Computational Intelligence Techniques for VM Consolidation in Cloud Datacenters	Supervisor	2021
B. Asvija	Novel Attacks and Security Risk Analysis Framework for Virtualized Infrastructures in Cloud Computing	Supervisor	2020
S. Ramadevi	Software Defined Networks	Supervisor	Ongoing
Prakash Babu Yandrapati	Secure Social Networks	Supervisor	Ongoing
S. P. Ramya	Social Media Spam Filtering	Supervisor	Ongoing
R. Madhusoodhanan	Cryptography	Supervisor	Ongoing
Medikonda Asha Kiran	Security and Privacy in Cloud assisted IoT	Supervisor	Ongoing
S. Uma	IoT Security	Supervisor	Ongoing
Monika A	Cyber Physical Systems	Supervisor	Ongoing
Adouthu Vamshi Naik	Cyber Security	Supervisor	Ongoing

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
1 st June 2022	Recent Trends and Technologies in Computing	National Conference	Technical Advisory	Arasu Engineering	Thanjavur

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			Committee Member	College, Kumbakonam	
19-20 April 2021	Language Technology for Equality, Diversity, Inclusion (LT-EDI-2021)	First Workshop International	Programme Committee Member	European Chapter of the Association for Computational Linguistics (EACL 2021)	Online
29 -30 Dec. 2020	Computational Intelligence, Security & IoT (ICCISIoT)	International Conference	Reviewer	NIT, Agartala	Tripura
Nov. 27-29, 2020	Artificial Intelligence and Sustainable Engineering	International Conference	Technical Programme Committee Member	National Institute of Technology, Goa	Goa
13-14 Dec. 2019	Computational Intelligence, Security & IoT (ICCISIoT)	International Conference	Reviewer	NIT, Agartala	Tripura
18-21 Oct. 2019	Electronics, Communications and Networks	International Conference	Reviewer		Japan
14 – 15 Dec.2018	Computational Intelligence & IoT	International Conference	Reviewer	NIT, Agartala	Tripura
19-20, Oct. 2012	Advances in Recent Technologies in Communication & Computing	International Conference	Presenter	ACEEE	Bangalore
15-16, Oct. 2010	Advances in Recent Technologies in Communication & Computing	International Conference	Presenter	ACEEE	Kottayam, Kerala
8-10, Dec. 2008	Supply Chain Management and Information Systems	International Conference	Presenter	NITT	Trichy
24-25, Feb. 2006	Signals, Systems and Security	National Conference	Presenter	Bannari Amman Institute of Technology	Erode
19-21 Dec.2016	Computing Analytics and Security Trends	IEEE International Conference	Reviewer	College of Engineering	Pune
8-10 Sep. 2016	Research in Engineering, Computers and Technology	International Conference	Editorial Member, Reviewer, Session Chair	NITT	Trichy

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18-19 Mar.2016	Frontiers in Applied Sciences and Computer Technology	National Conference	Reviewer Session Chair	NITT	Trichy
6-7 Mar. 2015	Frontiers in Applied Sciences and Computer Technology	National Conference	Reviewer Session Chair	NITT	Trichy
20-21 Mar.2015	Big Data and Cloud Computing	National Conference	Reviewer	NITT	Trichy
28-29 Apr. 2015	Conclave on Academic Reforms	Workshop	Participant	NITT	Trichy
9-10 May, 2013	Perspectives on Curriculum	Workshop	Participant	NITT	Trichy
3-6 May 2012	Distributed Systems – Research Challenges	Workshop	Participant	PSG College of Technology	Coimbatore
12 th Dec. 2008	Web Services- Architectures and Applications	Workshop	Participant	NITT	Trichy
7-9 Nov. 2008	Digital Image and Video Processing	Workshop	Participant	NITT	Trichy
26-27 Sep. 2008	Computational Models, Tools and Techniques in Bioinformatics	Workshop	Participant	NITT	Trichy
8-10 Aug. 2008	Algorithms	Workshop	Participant	NITT	Trichy
27 Apr. - 30 May, 2015	Introduction to Design of Algorithms	ISTE Short Term Training Programme	Participant	Indian Institute of Technology, Kharagpur	NITT
29 th Jan. 2015	TCS-iON Learning Exchange	Train-the-Trainer Programme	Participant	NITT	Trichy
24-25 Aug. 2012	Engineering Optimization and Approaches	Short Term Course	Participant	NITT	Trichy
28 th July 2012	Application of Biologically Inspired Algorithms for Power System and Power Electronics Engineering	Short Term Course	Participant	NITT	Trichy
21 June - 3 July 2010	Recent Researches on Fuzzy Logic and Neural Networks	Staff Development Programme	Participant	NITT	Trichy
7-11 June,	Java and Microsoft Technologies	Faculty Development	Participant	Cognizant Technology	Chennai

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2010		Programme		Solutions	
25 May - 6 June 2009	Data Warehousing and Data Mining	Staff Development Programme	Participant	NITT	Trichy
29 May - 02 July, 2006	Instructional Design & Delivery	Short Term Course	Participant	National Institute of Technical Teachers Training and Research, Chennai	Tanjore

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
Language Identification in Code-Mixed Dravidian Language	Shared task, International	19-23 April 2021	Organizer	Collocated with VarDial 2021 at EACL 2021
Effective Online Teaching Learning Strategies - III	Workshop, National	3rd to 8th August 2020	Coordinator	Online
Effective Online Teaching Learning Strategies - II	Workshop, National	22nd to 27th June 2020	Coordinator	Online
Effective Online Teaching Learning Strategies - I	Workshop, National	26 th to 31 st May 2020	Coordinator	Online
Python, Machine Learning and Computational Intelligence Techniques	Workshop, Local	16-17 Nov. 2019	Organizer	National Institute of Technology, Tiruchirappalli
Cyber Security	Short Term Course, National	1 – 5 July, 2019	Coordinator	National Institute of Technology, Tiruchirappalli
Machine Learning	Workshop, Local	13 April 2019	Organizer	National Institute of Technology,

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				Tiruchirappalli
Product Development	Guest Lecture from Industry, Local	6-7 April 2019	Organizer	National Institute of Technology, Tiruchirappalli
Computational Intelligence and its Applications	Guest Lecture from Industry, Local	19 th March 2019	Organizer	National Institute of Technology, Tiruchirappalli
IoT and Security	Short Term Course, National	3 – 7 Dec., 2018	Coordinator	National Institute of Technology, Tiruchirappalli
Machine Learning Crash Course in association with Google Developer Relations Team	Short Term Course, Local	8 th Sep. to 7 th Oct. 2018	Coordinator	National Institute of Technology, Tiruchirappalli
NoSQL Databases	National Workshop	6 th April, 2018	Coordinator	National Institute of Technology, Tiruchirappalli
React JS	Guest Lecture from Industry, Local	31 st March and 1 st April, 2018	Organizer	National Institute of Technology, Tiruchirappalli
Database Design and Tuning	Guest Lecture from Industry, Local	20 th Mar. 2015	Organizer	National Institute of Technology, Tiruchirappalli
NIMCET Awareness Event	National	2017 & 2019	Coordinator	National Institute of Technology, Tiruchirappalli
SPIELMAC - Intra-Department Sports Event	Local	2015 – till date	Staff Advisor	National Institute of Technology, Tiruchirappalli

18. Invited Talks delivered

Topic	Date	Inviting Organization
Complexity Theory	12 th Nov. 2021	K. Ramakrishnan College of Technology, Trichy
Emerging Trends in Data Analytics	29 th Oct. 2021	Arasu Engineering College, Kumbakonam
Introduction to E-content	24 th Feb. 2021	NIT Tiruchirappalli

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Design		
Online Teaching Learning Tools	23 rd May 2020	Kings College of Engineering, Pudukkottai
ICT Tools in Teaching Learning Process	21 st August 2020	Gnanamani College of Technology, Namakkal
Assessment Tools	5 th August 2020, 24 th June 2020, 29 th May 2020	NIT, Tiruchirappalli
Techniques to Solve Optimization Problems	10 th and 11 th Nov. 2014	National Institute of Technology, Tiruchirappalli
Hands-on training on SQL fundamentals	17 th Nov. – 19 th Dec. 2014	BHEL, Trichy

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	Computer Society of India	01128135, 2011
Life Member	IACSIT	
Annual Member	IEEE	96026324
Annual Member	IEEE Computational Intelligence Society	
Annual Member	ACM	8389361
Life Member	Soft Computing Research Society	2022-01-03-2518

20. Academic Foreign Visits

Country	Duration of Visit	Programme
Malaysia	3 rd to 7 th July 2018	Research paper presentation in the International Conference FC 2018

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	doi	Impact Factor of the Journal (Optional)
Uma S, R. Eswari	A multimodel fire detection and alarm system for	Concurrency and Computation: Practice and		pp.1-26	2022		1.831

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	automobiles using internet of things and machine learning	Experience, Wiley					
A. Monika, R. Eswari	Prevention of Hidden Information Security Attacks by Neutralizing Stego-Malwares	Computers & Electrical Engineering, Elsevier	Vol.101 (2022)		2022		4.152
Medikonda Asha Kiran, Syam Kumar Pasupuleti, R Eswari	Efficient Pairing-Free Identity-Based Signcryption Scheme for Cloud-based IoT	International Journal of Cloud Applications and Computing, IGI Global					
S.P.Ramya, R. Eswari	A Shallow based Deep Learning Model for Fake News Detection in Social Networks	International Journal of Information and Computer Security, Inderscience					
S. Suseela, R. Eswari, S. Nickolas	Voronoi – Ant Colony based Routing (VoR-Ant-R) Algorithm for WMSNs	International Journal of Swarm Intelligence Research	Vol.13, No.2	pp.1-19	2022		
S.P.Ramya, R. Eswari	Attention based Deep Learning Models for Detection of Fake News in Social Networks	International Journal of Cognitive Informatics and Natural Intelligence, IGI Global	Vol.15, No.4		2021		
Uma S, R. Eswari	Accident Prevention and Safety Assistance using IoT and Machine Learning	Journal of Reliable Intelligent Environments, Springer			2021		
Nithiya Baskaran, R. Eswari	Efficient VM Selection Strategies in Cloud Data Centers using Fuzzy Soft Set	Journal of Organizational and End User Computing, IGI Global	Vol.13, No.5	pp.153-179	2021		
B. Asvija, R. Eswari, M. B. Bijoy	Security Threat Modelling with Bayesian Networks	Journal of Organizational and End User	Vol.13, No.4	pp.44-69	2021		

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	and Sensitivity Analysis for IaaS Virtualization Stack	Computing, IGI Global					
Nithiya Baskaran, Eswari R	An Efficient Threshold-Fuzzy based Algorithm for VM Consolidation in Cloud Datacenter	International Journal of Grid and High Performance Computing, IGI Global	Vol.13, No.1	pp.18-46	2021		
B. Asvija, R. Eswari, M. B. Bijoy	Template attacks on ECC implementations using Performance Counters in CPU	Microelectronics Journal, Elsevier	Vol.106	pp.1-9	2020		1.992
B. Asvija, R. Eswari, M. B. Bijoy	Bayesian Attack Graphs for Platform Virtualized Infrastructures in Clouds	Journal of Information Security and Applications, Elsevier			2020		4.960
S. Suseela, R. Eswari, S. Nickolas, M. Saravanan	QoS optimization through PBMR algorithm in Multipath Wireless Multimedia Sensor Network	Peer-to-Peer Networking and Applications, Springer			2020		3.307
Nithiya Baskaran, Eswari R	CPU-Memory Aware VM Placement Algorithm for Cloud Datacenters	Scalable Computing: Practice and Experience	Vol.21, No.2	pp.159-172	2020		
S. Janardhan, R. Bharath venkatesh, R. Eswari, A. Arunagiri	Optimal Dimensioning of Fractal-like Tree Channels for Fluid Flow Applications	International Journal of Mechanical and Production Engineering Research and Development	Vol. 9, No. 1	378-394	2019		
B. Asvija, R. Eswari, M. B. Bijoy	Security in Hardware Assisted Virtualization for Cloud Computing - State of the Art Issues and Challenges	Computer Networks, Elsevier	Vol.151	68-92	2019		5.493
R. Eswari,	Modified Multi-	International	Vol.8,	379-393	2016		3.295

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S. Nickolas	Objective Firefly Algorithm for Task Scheduling Problem on Heterogeneous Systems	Journal of Bio-Inspired Computation, Inderscience	No.6				
R. Eswari, S. Nickolas	Effective Task Scheduling for Heterogeneous Distributed Systems using Firefly Algorithm	International Journal of Computational Science and Engineering, Inderscience	Vol.11, No.2	132-142	2015		
R. Eswari, S. Nickolas, Michael Arock	A Path Priority-based Task Scheduling Algorithm for Heterogeneous Distributed Systems	International Journal of Communication Networks and Distributed Systems, Inderscience	Vol.12, No.2	183-201	2014		
R. Eswari, S. Nickolas	A Level-wise Priority based Task Scheduling for Heterogeneous Systems	International Journal of Information and Education Technology	Vol.1, No.5	371-376	2011		
R. Eswari, T.S.Murunya, S. Grace Mary	Distributed Process Management Protocol	Journal of Emerging Technologies	Vol.3, No.2	7-14	2008		

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year	doi
A. Monika, R. Eswari, Swastik Singh	Detection of Location of Audio-Stegware in LSB Audio Steganography	5 th International Conference on Computational Intelligence & Data Engineering (Lecture Notes on Data Engineering and Communicati		Computational Intelligence & Data Engineering	Andhra Pradesh	2022	

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		on Technologies)					
A. Vamshi, Gudeme Jaya Rao, Syam Kumar Pasupuleti, R. Eswari	EPF-CLPA: An Efficient Pairing-Free Certificateless Public Auditing for Cloud-based CPS	5 th International Conference on Intelligent Computing and Control Systems (ICICCS 2021)	48-54	Intelligent Computing and Control Systems	Madurai	2021	
A. Monika, R. Eswari	Ensemble-based Stegnomalware Detection System for Hidden Ransomware Attack	5th International Conference on Inventive Systems and Control (ICISC 2021)	599-619	Inventive Systems and Control	Coimbatore	2021	
S.P.Ramya, R. Eswari	Performance of Optimization Algorithms in Attention based Deep Learning Model for Fake News Detection System	International Conference On Computational Intelligence (ICCI 2020)	113-126	Computational Intelligence		2021	
Medikonda Asha Kiran, Syam Kumar Pasupuleti, R Eswari	A Lightweight Two-factor Mutual Authentication Scheme for Cloud-based IoT	4th International Conference on Recent Advances and Innovations in Engineering (IEEE)		Recent Advances and Innovations in Engineering	Kedah, Malaysia	2019	
Sanjeev Kumar, B. Janet, R. Eswari	Multi Platform Honeypot for Generation of Cyber Threat Intelligence	9th International Advance Computing Conference (IEEE)	25-29	Advance Computing	Tiruchirappalli, Tamilnadu, India	2019	
Jaydeep Devda, R. Eswari	Pathological Myopia Image Analysis using Deep Learning	2nd International Conference on Recent Trends in	239-244	Recent Trends in Advanced Computing	Chennai, India	2019	

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		Advanced Computing (Elsevier Procedia Computer Science)					
Uma S, R. Eswari, R. Bhuvanya, Gopisetty Sai Kumar	IoT based Voice/Text Controlled Home Appliances	2nd International Conference on Recent Trends in Advanced Computing (Elsevier Procedia Computer Science)	232-238	Recent Trends in Advanced Computing	Chennai, India	2019	
Eswari Rajagopal, Nithiya Baskaran	Fuzzy Soft Set based VM Selection in Cloud Data Center	International Conference on Intelligent Computing and Control Systems (IEEE)		Intelligent Computing and Control Systems	Tamilnadu, India,	2019	
Sanjeev Kumar, B. Janet, R. Eswari, Amit Kumar	Honeypot for Embedded and IoT Devices	National Conference on Research Trends in Computer Applications	52-56	Research Trends in Computer Applications	NIT Trichy, Tamilnadu, India,	2019	
Mukul Anand, R. Eswari	Classification of Abusive Comments in Social Media using Deep Learning	3rd International Conference on Computing Methodologies and Communication (IEEE)	974-977	Computing Methodologies and Communication	Tamilnadu, India	2019	
Sanjeev Kumar, B. Janet, R. Eswari	Automated Cyber Threat Intelligence Generation from Honeypot Data	International Conference on Inventive Communication and Computational Technologies (Springer –	591-598	Inventive Communication and Computational Technologies	Tamilnadu, India	2019	

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S. Suseela, R. Eswari, S. Nickolas, M. Saravanan	Poisson Based Energy Hole Prediction of Wireless Multimedia Sensors Networks	LNSS) International Conference on Computational Intelligence & IoT (Elsevier- SSRN)	564- 569	Computational Intelligence & IoT	NIT Agartala, Tripura, India	2018	
Nithiya Baskaran, Eswari R	Adaptive Threshold- Based Algorithm for Multi- Objective VM Placement in Cloud Data Centers	The 7th International Conference on Frontier Computing – Theory, Technologies and Applications (Springer – LNEE)	118- 129	Frontier Computing – Theory, Technologies and Applications	Kuala Lumpur, Malaysia	2018	
R. Eswari, G. Srikalaivani, S. Ram Santhosh	Smart Systems for Serving Humankind	International conference on Frontiers in Engineering, Applied Sciences and Technology	49-52	Frontiers in Engineering, Applied Sciences and Technology	NIT, Trichy, India	2018	
B. Asvija, R. Eswari, M. B. Bijoy	Virtualization Detection Strategies and Their Outcomes in Public Clouds	IEEE Asia Pacific Conference on Postgraduate Research in Microelectron ics & Electronics (IEEE)	45-48	Microelectro nics & Electronics	Kuala Lumpur, Malaysia	2017	
S. Suseela, R. Eswari, S. Nickolas	Impact of Wireless Technologies in Routing Protocols on Wireless Sensor Networks	4 th International Conference on Advanced Computing and Communication Systems	63-67	Advanced Computing and Communication Systems	Coimbat ore, India	2017	
R.Eswari, S.Nickolas	Solving Multi- Objective Task	4 th International	57-60	Advances in Recent	Bangalor e, India	2012	

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	Scheduling for Heterogeneous Distributed Systems using Firefly Algorithm	Conference on Advances in Recent Technologies in Communication & Computing		Technologies in Communication & Computing			
R. Eswari, S. Nickolas	Firefly Algorithm for Static Task Scheduling Problem	3 rd International Conference on Soft Computing, Intelligent System and Information Technology	32-37	Soft Computing, Intelligent System and Information Technology	Bali, Indonesia	2012	
R. Eswari, S. Nickolas	Expected Completion Time based Scheduling Algorithm for Heterogeneous Processors	International Conference on Information Communication and Management	72-77	Information Communication and Management	Singapore	2011	
R. Eswari, S. Nickolas	Path-based Heuristic Task Scheduling Algorithm for Heterogeneous Distributed Computing Systems	2 nd International Conference on Advances in Recent Technologies in Communication & Computing (IEEE)	30-34	Advances in Recent Technologies in Communication & Computing	Kottayam, Kerala, India	2010	
R. Eswari, S. Grace Mary, T. S. Murunya	Applications of Workflow and Information Systems in Supply Chain Management	6 th International Conference on Supply Chain Management and Information Systems	238-246	Supply Chain Management and Information Systems	NIT, Trichy, India	2008	
R. Eswari	A User Level Implementation of Distributed	2 nd National Conference on Signals,	584-589	Signals, Systems and Security	Erode, India	2006	

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	Process Management Protocol	Systems and Security					
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