Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Dr. M.Suresh Kumar B.E., M.E., Ph.D.,

Professor& Head,

Information Technology

Date of birth	:	22-10-1971	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	10 a, Shree Lakshmi Sri Ram Nagar, VKL Nagar, Thudiyalur, Coimbatore-34	Permanent address	:	" Beegees Cottage " Thanthanadu Village Kotagiri- The Niligiri Tamil Nadu - 643217
Mobile no	:	9894833101	e-mail (official)	:	hod.it@srit.org
Landline	:	---	e-mail (personal)	:	susanthsuresh@gmail.com
Date of joining	:	01/06/2018	Post of joining	:	01/06/2018
No of promotions since D.O.J	:	---	Present post	:	Professor & Head
Present pay scale	:	37400-67000	Gross pay	:	1,03,251
Employee ID	:	TE-347	Bank account No. (Salary credited)	:	500101011524338
P.F. No	:	TN/CBE/56764/10835	Group Insurance No	:	
PAN Number	:	ARRPS1811M	Aadhar Number	:	578428644381
AICTE ID	:	1-4143120784	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Computer Science and Engineering	1993	Mookambai College of Enggineering	Bharathidasan University	First
PG	Computer Science and Engineering	2004	Kumarguru college of Technology	Anna University	First
Ph.D	Information and Communication	2013	Government College of Technology, Coimbatore	Anna University	Commended
Others	---				

Registration for Ph.D. with area of interest: Grid and Cloud Computing

Year of Ph.D. Registration: 2007   **Year of Ph.D. Completed:** 2013

Thesis Title: Certain investigations on scheduling algorithms in computational grid with economic and deadline considerations

Supervisor Recognition Number:

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Professor & Head	01/06/2018	---	05	05	25
Sri Ramakrishna Engineering College	Professor	01.09.2013	31.05.2018	04	08	
	Associate Professor	01.06.2009	31.08.2013	4	2	
	Assistant Professor	01.12.2004	31.05.2009	4	6	
	Senior Lecturer	01.09.2004	30.11.2004		2	
	Lecturer	20.07.1998	31.08.2004	6	1	
Government Polytechnic, Ooty	Lecturer (Part-Time)	01.06.1994	30.06.1998	4	-	
			Total	29	----	25

Industrial Experience: NIL

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
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				Total			

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	VII	20ITP46	Business Intelligence	T	
2022-2023	IV	20CS004	Software Engineering	T	92%
2022-2023	VII	UITE221	Software Testing	T	100%

2021-2022	VIII	UITE229	Software Project Management	T	100%
2021-2022	V	UITC011	Software Engineering	T	90%
2020-2021	VIII	UITE229	Software Project Management	T	100%
2020-2021	V	UITC011	Software Engineering	T	88%
2019-2020	VIII	MG6088	Software Project Management	T	94%
2019-2020	V	UITC011	Software Engineering	T	86%
2018-2019	VI	CS6601	Distributed Systems	T	88%
2018-2019	VII	IT6004	Software Testing	T	92%

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2023-2024	VII	Task Scheduling using Enhanced Sunflower optimization in Cloud Environment	UG
2022-2023	VIII	Breast Cancer Prediction using Machine Learning	UG
2021-2022	VIII	Early Prediction of Cancer Disease using Machine Learning	UG
2020-2021	VIII	An Intelligent System for Infant Cry Detection and Information in Real Time using IoT	UG
2019-2020	VIII	Automation of Street Light based on Vehicle Movement	UG
2018-2019	VIII	Gate Automation using RFID Tags and Readers	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal		10
Conferences		14

Journal Publications (IEEE format)

1. Dr. M .Suresh Kumar, R.Thamil Ilakkiya, B.Vijayarathi, Sandhya Srinivasan "Mobile Communication Using Near Field Communication and Radio Frequency Identification", International Journal of Research in Advent Technology, Vol.5, No.3, March 2017.

2. Dr. M. Sureshkumar, R. Vignesh , S.Vinotha, S. Priyadarshini "Missile Directed by Maneuverable Actuators" International journal of Scientific Research in Science and Technology, Vol. 3, Issue. 1, March 2017.

3. G. Saravana, R.S. Navaneeth, Dr. M. Suresh Kumar "Making of Autonomous Quadcopter Using IoT Sensors and Android Application" International Journal for Science and Advance Research In Technology Vol. 3, Issue 4, April 2017.

4. Praveena. D, Suresh Kumar. M, "Predictive analysis using Decision tree in Big Data", International Journal of modern Engineering Research (IJMER) 2016, Vol.6, Issue 5 PP 1-4.

5. Praveena D, Suresh Kumar. M, "A comparative study on various techniques for Image retrieval", International Journal on Emerging technology in Computer Science and Electronics(IJETCSE)2016, Vol.21, Issue 2 PP- 316-320.

6. Rajalakshmi Vairamani, Sinduja Ravi, Sripriya Dhanraj, Sunesh Govindaraj, Dr. M.SureshKumar , "Private Cloud setup : A Survey", International Journal of Computer Science and Information Technology and Security(IJCSITS) 2016, Vol.6, No.2, PP39-46.

7. V.Krishnakumar, R.Vijaykumar, Suresh Kumar. M, "EHRP: Evolutionary Hybrid Routing Algorithm for Wireless Sensor Network" International Journal of Engineering Research & Technology 2014, Vol3, Issue5

8. Suresh Kumar. M, "EHRP: Evolutionary Hybrid Routing Algorithm for Wireless Sensor Network" in International Journal of Engineering Research & Technology 2015.

9. Suresh Kumar M, Purusothaman T, "Penalty Based Heuristic Method Using Continuous Double Auction In Computational Grid" in Journal Of Computer Science 2012, Vol:8 No-7PP1108-1113.

10. Suresh Kumar M, Purusothaman T, "Explicit allocation stratergy with DBC algorithm in Bag-Of-Task grid" in European Journal Of Scientific research 2012, Vol:70 No-4 PP 590-598.

Conference Publications (IEEE format)

1. Participated in Tutorial sessions in 16th International Conference on Advanced Computing and Communications, 2008 held on 14th – 17th DEC, 2008 Madras Institute Of Technology Campus, Anna University, Chennai.
2. Presented a paper titled "Scheduling Bag-Of-Tasks Applications on Grids" in the International Conference On Recent Trends in Computational Science, 2008 held on 11th- 13th JUN, 2008 at Toc H Institute Of Science And Technology, Kerala.

3. Suresh Kumar. M, Sugumaran.B, "Random Brokering for Divisible Workloads in Heterogenous Computational Grid" in International conference on Emerging trends in high performance architecture, algorithms & computing (HiPAAC 2007).

4. Presented a paper titled "Association Rule Mining using Software Based Hashing and Pipelining" in the National Conference On Advances in Computational Intelligence, 2009 held on 27th– 28thMAR, 2009 at Paavai Engineering College, Namakkal.

5. Presented a paper titled "Association Rule Mining using Software Based Hashing and Pipelining" in the National Conference On Advances in Computational Intelligence, 2009 held on 26thJUN, 2009 at Sri Ramakrishna Engineering College, Coimbatore.

6. Presented a paper titled "A Survey on Brokering Strategies in Computational Grid" in the National Conference On Computer Science and Applications, 2008 held on 12th MAR, 2008 at Mepco Schlenk Engineering college, Sivakasi.

7. Presented a paper titled "A Survey on Scheduling Bag-Of-Tasks Applications on Grids" in the National Conference On Computer Science and Applications, 2008 held on 12th MAR, 2008 at Mepco Schlenk Engineering college, Sivakasi.

8. Presented a paper titled "Application Partitioning and Distributed Submission in Grid Environment" in the National Conference On Current Trends in Soft Computing, 2007 held on 19th& 20th JAN,2007 at Sri Ramakrishna Engineering College, Coimbatore.

9. Presented a paper titled "A Hybrid Approach to Job Scheduling in a Data Parallel System" in the National Conference On Current Trends in Soft Computing, 2007 held on 19th& 20th JAN,2007 at Sri Ramakrishna Engineering College, Coimbatore.

10. Presented a paper titled "Distribution of Sequential Jobs in Random Brokering for Heterogenous Computational Grid" in the National Conference On Current Trends in Soft Computing, 2007 held on 19th& 20thJAN,2007 at Sri Ramakrishna Engineering College, Coimbatore.

11. Presented a paper titled "Resource-Sharing coalition Formation among Self-Interested Agents" in the National Conference On Current Trends in Soft Computing, 2007 held on 19th& 20th JAN,2007 at Sri Ramakrishna Engineering College, Coimbatore.

12. Presented a paper titled "An Efficient and Secure Conference Key Agreement Protocol" in the National Conference On Network Security, 2005 held on 11th& 12th FEB, 2005 at Rajagiri School of Computer Science, Kerala.

Books / Book Chapters (IEEE format)

1. S.Anila, M.Suresh Kumar, published a book chapter titled "Face Detection Using BPN Network, FIS, Neuro Fuzzy and ANFIS Models" in the book "Advances in Computer Science – Vol I", Published by AkiNik Publications, New Delhi, 2018. ISBN: 978-93-88112-94-9.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Staff Development programme on " Research Directions on Grid Computing	AICTE	Rs 2 Lakhs	5 Days
Analyzing agricultural fields using Autonomous Quad copter	TNSCST(Student Project)	Rs 10,000	One Year
Automation of street light based on vehicle movement	TNSCST	Rs. 7500	One Year

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
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Workshops / Seminars attended

Faculty Development Program attended (from recent)

1. Emotional Intelligence" a two day Faculty Development Program conducted by ICT Academy on 29/09/16 and 30/09/16

2. DST sponsored National Workshop on "Data Science Research" organized by VIT Chennai from 30/11/16 to 02/12/16

3. Attended a two day CIT-IBM Research Promotion Programme on "Information Management" held during 8th& 9th AUG 2008 at Coimbatore Institute of Technology, Coimbatore.

4. Attended a Workshop on "Research Methodology for Engineering Teachers" held on 3rd SEP 2009 at Sri Ramakrishna Engineering College, Coimbatore.

5. Attended a Workshop on "Grid Computing- Technology and Applications" held on 11th& 12th MAR 2006 at Vellore Institute of Technology, Vellore.

6. Attended a Workshop on "Opportunities of Government Funded R&D Projects for Engineering Education Institutions" held on 4th& 6th OCT 2007 at Indian Institute of Science, Bangalore.

7. Participated in the "ISTE Conference on Engineering Education" held on 26th& 27th JUN 2008 at The Residency Hotel, Coimbatore.

8. Attended a National level Workshop on "Application Development Frameworks" held on 26th& 27th NOV 2010 at Sri Ramakrishna Engineering College, Coimbatore.

9. Attended a one day seminar on "Software Quality and Testing" held on 22nd DEC 2004 at Andhra Hall, Coimbatore.

10. Attended a Workshop on "Training Evaluators/Resource Persons on Outcome Based Accreditation" held on 14th to 16th MAR 2014 at Bannari Amman Institute of Technology, Sathyamangalam.

11. Attended a Workshop on "Ethical Hacking and Information Security" from 15th MAR 2011 to 16th MAR 2011 at Kyrion Digital Securities.

12. Workshop on "ED-Vantage faculty Summit" at Microsoft,Hyderabad.

13. Workshop on "Big Data Analytics" at MIT, Chennai.

14. Attended a AICTE-ISTE Summer School on "Software Process Management and Capability Maturity Model" from 28th MAY to 9th JUN 2001 at PSG College of Technology, Coimbatore.

15. Attended a AICTE-ISTE sponsored Short-Term Training Programme on "IT Enabled Supply Chain Management" from 29th OCT to 10th NOV 2001 at Thangal Kunju Musaliar College of Engineering, Kerela.

16. Participated in "Train the Trainer Program on Software Testing" from 7th to 9th NOV 2006 at Infosys Technologies Ltd, Mysore.

17. Faculty Development Program on "Cloud Infrastructure and Services" from 7th JAN 2013 to 11th JAN 2013 at EMC2 Education Services.

18. Attended a Faculty Development Program on "Total Quality Management" from 25th to 30th OCT 2004 at Sri Ramakrishna Engineering College, Coimbatore.

Events Organized (from recent)

Conference

1. Organized the First National Level Virtual Conference on, "Recent Advancements In Computer, Communication And Information Technology (RACCIT-20)", at Department of Information Technology, Sri Ramakrishna Institute of Technology on 26th August 2020.

2. Organizing Chair for the National Conference on "Current trends in Soft Computing" held on 19-20 January 2007 at SREC

FDP

1. Organized the Five Days Faculty Development Programme on, "Advanced Issues in Image Processing", at Department of Information Technology, Sri Ramakrishna Institute of Technology from 09th January 2023 to 13th January 2023.

2. Organized one week FDTP on "Programming and Data Structures - I" 2nd to 8th Dec 2015.

Workshops

1. Organized the Coding Contest, "Codathon" at at Department of Information Technology, Sri Ramakrishna Institute of Technology on 19th October 2023.

2. Organized the One Day National Level Workshop on, "Data Analytics Tools", at Department of Information Technology, Sri Ramakrishna Institute of Technology on 2nd March 2023.

3. Coordinator for One day workshop on " Digital Image Processing" held on 8 February 2007 in collaboration with South Dakota School of Mines and Technology , USA

4. Organizing member for One day work –shop on "Effective Research and Teaching methodologies for College Teachers" in Aug 2005

5. Organizing Secretary for one day workshop on "Research Methodology for Engineering Teachers" on 03-Sep- 2005

Awards and Recognitions Secured

Self-appraisal

Major Strengths: Able to work under different situations

Good communication skill

Team leader as well as team player

Major Weakness: Out spoken at times

Signature