



Dr.Soma

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Objective

To work with a reputed institution as an Associate Professor that will provide me a good platform to utilize my teaching, research and administrative skills and will help me to grow my career

Education

- Ph.D. in Information & Communication Engineering (Specialization area is Cloud Computing), Anna University, 2012-2019.
- M.E. in Computer Science and Engg. Sathyabama University, 2006-2008.
- B.E Computer Science and Engineering, Gulbarga University. 1993-1997.

Professional Experience

- Associate Professor at Sri Sai Ram Engineering College,Chennai from 01-08-2012 to till date
- Senior Lecturer at Sri Sai Ram Engineering College,Chennai from 01-08-

2008 to 31-07-2012

- Lecturer at Sri Sai Ram Engineering College, Chennai from 04-07-2005 to 31-07-2007
- Faculty at Babaria Institute of Technology, Vadodara, Gujarat from 01-08-2004 to 10/05/2005
- Faculty at Pramukh Swamy Information Technology, Vadodara, Gujarat from 20-07-2001 to 31/07/2004
- Lecturer at Sandur Polytechnic College, Yashwantpura, Sandur, Karnataka from 29/09/1997 to 10/01/1998
- Project Engineer-I at Hindustan Aeronautics Lab, Bengaluru from 05/04/1999 to 05/11/1999

Achievements

1. Team Lead for “Sai Sthree Vidhya Abhiyan” which received AICTE Lilavaty Award I Runner Award under the Subtheme “ Literacy” on April 12, 2021.
2. Received certificate of appreciation from NPTEL for translating the course “Introduction to Industrial IoT” Conducted by IIT Kharagpur in Aug-Sep 2020
3. Received funding of 200 USD and 400 USD from IEEE SPAA to conduct National Level Coding contest and state level STEP event during 2020
4. Received 300 USD from IEEE Computer Society, New York during 2018 to conduct the activities of IEEE computer society-SBC, Sri Sai Ram Engg College.

5. Mentor for the Project “ Wearable Device for Blinds-Guide to Pick Surrounding Objects“ which won Third Prize in National Level Buoyanci Product Innovation Challenge 15-10-2018
6. NPTEL Top 1% Scorer in “Cloud Computing”Course for April 2017 Examination
7. Guided UG Project titled “A Novel Approach for Early Flood Warning ”which was awarded Best Project in Project exhibition 2017
8. Established IEEE Computer Society SBC,,Sri Sai Ram Engineering College and Advisor for IEEE-CS SBC from Feb 2017
9. Filed Patent for "Novel System for Early Flood Warning", Application number 2017141025771
10. Won the best paper award for “An Integrated Scheduling and Resource Allocation Framework for Workflow Applications in IaaS clouds” at International Conference on Pattern Recognition and Multimedia Signal processing ,AnnamalaiUniversity,Chidambaram on 9-10,Jan,2015.
11. Editor for Proceedings of IEEE International Conference on Computing and Communications Technologies (ICCCT), 2015 and 2019 organized by Department of Information Technology,SriSai Ram Engg College

12. Mentor for the project “Regulating Bus Management System Using Cloud Platform” which has secured Top 10 position in the Innovate-UMO global Student innovation challenge , held at IIIT,Hyderabad conducted during Oct 17-19,2013.
13. Produced 100% results in for various subjects in Anna University Semester Examinations

Research Competency and Contributions:

International journals(19)

1. **Soma Prathibha**,Cherukuru Venkata Nishkala and S.Swedha “ Improving Decision Making in Sports using IoT”,Journal of the Gujarat Research Society,ISSN 0374-8588,Vol 21,Issue 17,Dec 2019 pp.1826-1833.(UGC)
2. **Soma Prathibha** and B.Latha “Response Surface Modelling for Performance Analysis of Scientific Workflow Application in Cloud” Cluster Computing, **EISSN:1573-7543**,Published online Sept 1,2020, Impact factor **3.458 (2019)(SCI,Scopus and UGC-CARE list)**
3. **Soma Prathibha**, R.Priyadarshini and L.Kavipriya “Plant Disease Detection using Deep Learning and Convolutional Neural Network “ Journal of critical Review ISSN- 2394-5125VOL 7, ISSUE 14, 2020
4. **Soma Prathibha**, J.Akshaya and Sahil Ram "Emergency Medical Dispenser Test Engineering and Management" ISSN: 0193 - 4120April-May issue 2020

5. **Soma Prathibha**, PavithraLakshmi.S.P,N.MankalaSwetha,Vanmathi and T.P.Rani "VISION VIA VIBRATION-A wearable device for the visually impaired – Guides the blind to pick the objects" International Journal of Advance Research, Ideas and Innovations in Technology2454-132XVol 6,No 1,2020 , pp.136-138 Jan 2020
6. **Soma Prathibha**,Dr.B.Latha and Dr.G.Sumathi " A novel data aware task clustering mechanism for scientific workflow applications in cloud" International Journal of Internet Technology and secured transactions, ISSN:1748-569X (Print) | 1748-5703 (Electronic) ,Vol 9,No 3,2019 , pp.260–281,InderScience(**Scopus Indexed**)
7. **Soma Prathibha**, SreeramG,andVenkataTirumalaBabu "Smart Black-Box System", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD),ISSN (P): 2249-6890; ISSN (E): 2249-8001,Vol. 8, Special Issue 3, Dec 2018, 1023-1032 , © TJPRC Pvt. Ltd (**Scopus Indexed**)
8. **Soma Prathibha**,Dr.B.Latha and Dr.G.Sumathi "Particle swarm optimization based workflow scheduling for medical applications in cloud." Biomedical Research ISSN: 0970-938X (Print) | 0976-1683 (Electronic) ,ALLIED ACADEMIES(**Scopus Indexed and SCI indexed Impact Factor=0.226**)
9. **Soma Prathibha**,Dr.B.Latha and Dr.G.Sumathi " An Improved Multi-Objective Optimization For Workflow Scheduling In Cloud Platform" has been accepted for publication in Journal of Internet Technology,for May 2017 Issue ISSN: 1607-9264,E-ISSN: 2079-4029(**Anna University Annexure-I,SCI indexed Impact Factor= 0.579**)

10. **D.A.Prathibha**, Dr.B.Latha and Dr.G.Sumathi "An Enhanced Weighted-Multi-objective PSO for Workflow Application Scheduling in Cloud Platform " Asian Journal of Research in Social Science and Humanities, Vol. 6, No. 10, October 2016, pp. 2143-2152 (ISSN 2249-7315).
11. **D.A.Prathibha**, Dr.B.Latha and Dr.G.Sumathi "Improving Energy Efficiency using DVFS in Cloud Computing for Workflow Applications"- International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.75 (2015).(**scopus**)
12. **D.A.Prathibha**, Dr.B.Latha and Dr.G.Sumathi "An Integrated Scheduling and Resource Allocation Framework for Workflow Applications in IaaS clouds"- International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.75 (2015).(**Scopus**)
13. **D.A.Prathibha**, Dr.B.Latha and Dr.G.Sumathi (2015) "Monitoring Workflow Applications execution with different resource types in cloud environment "Australian Journal of Basic and Applied Sciences, ISSN:1991-8178 , 9(6) Special 2015, Pages: 1-4.(**Scopus**)
14. **D.A.Prathibha**, Dr.B.Latha and Dr.G.,Sumathi "Efficient Scheduling Of Workflow In Cloud Environment Using Billing Model Aware Task Clustering "-Journal of Theoretical and Applied Information Technology ISSN: 1992-8645 E-ISSN: 1817-3195 31st July 2014. Vol. 65 No.3(**Scopus**)
15. **Soma Prathibha**, S. Sowvarnica, Dr.B.Latha and Dr.G.Sumathi " A Comparative study of task and fault tolerance clustering techniques for scientific workflow applications in cloud platform" Springer Communications in Computer and Information Science Series, springerverlag (ISSN:1865-0929,Annexure-II,Ver 2016.2) (**Scopus**)

16. DurgaPriya.G and **Soma Prathibha** "Insuring Security for Outsourced Data Stored in Cloud Environment"- International Journal of Computer Applications Technology and Research, Volume 3 –Issue 2, 100 -104,,Feb. 2014. 10.7753/IJCATR0302.1003(2319–8656 (Online)
17. **D.A.Prathibha**, Dr.B.Latha and Dr.G,.Sumathi "Issues in Adapting Cluster,Grids and Cloud for HPC applications "-International Journal of conceptions on computing and Information Technology,Vol 2,Issue.1,Jan 2014,ISSN:2345-9808
18. Vijayalakshmi.R, **Soma Prathibha** "Efficient two level scheduling in cloud computing "-International Journal of Management, IT and Enginnering,Vol:3,Issue:5,October 2013.pp 433-444.ISSN:2249-0558.
19. RanjithRamesh, Yokeshezhilarasu, PrasannaRavichandran and **Soma Prathibha**, "Regulating Bus Management System Using Cloud Platform" - International Journal of e-Education, e-Business, e-Management and e-Learning, Vol. 2, No. 6, December 2012 pp 517-520. DOI: 10.7763/IJEEEE.2012.V2.175

National journal (3)

1. **Soma Prathibha** "Novel Window Adjustment Scheme for XCP"- Indian Journal of Computing Technology IROFISVol 2 Issue 2 ,ISSN:0973-5127 Nov 2007 Pages:34-39

2. **Soma Prathibha**, "Performance Enhancement for DSR Protocol using Adaptive Distributed cache updation In MANET"- SSEC Tech journal 2008 Vol 7 2008 Pages 53-56.
3. **Soma Prathibha**, CherukuruVenkataNishkala&Sivapriya.P"Flash Flood Alert Management System"- SSEC Tech Journal 2019 Vol 7 2008 Pages 53-56.

Conference: International conference (20)

1. **D.A.Prathibha**,R.Ranjana and Dr.B.Latha"Moving the IT services of Educational Institution to Cloud Enviornment:Issues and Implications" in International Conference organized by Sri Sai Ram Institute of Management Studies in association with Asian Management Science Association during 22-9-2011 & 23-9-2011.
2. RanjithRamesh,YokeshEzhilarasu,PrasannaRavichandran and **Soma Prathibha** "Regulating Bus Management System Using Cloud Platform" in International Conference in E-Education,E-Business,E-Management and E-Learning organized by IACSIT on 19-1-2013and 20.1.2013 at Dubai .
3. RamyaRavishankar,SanthoshiSubrahmanyam and **SomaPrathibha**"An Authentication Mechanism Based on Behavioral Biometry" at the

International Conference on Advanced Computer Science and Information Technology(ICACSIT) held at Chennai on 10th March,2013

4. S.TwinklePreethy,P.H.Deepa,K.Sowmya and **Soma Prathibha** "An Interactive Evolution Merging Families with Incompetent Children Against Intellectuals" In proceedings of the International Conference on Computing,Communication and Advanced Network-ICCCAN 2013.
5. **D.A.Prathibha**,Dr.B.Latha and Dr.G.,Sumathi "Issues in Adapting Cluster,Grids and Cloud for HPC applications "at the International conference on Mathematics And Information Technology ICMIT organized by WAIRCO held on 15-16,March 2013 at Chennai,India
6. R.Vijayalakshmi and **SomaPrathibha** "A novel approach for task scheduling in cloud" Fourth IEEE International Conference on Computing,Communications and Networking Technologies, organized by Vivekanandha College of Engineering for Women,Tiruchengode ,July 4-6,2013.published in IEEE explorer
7. **D.A.Prathibha**,DrB.Latha and Dr.G.Sumathi "Monitoring Workflow Applications execution with different resource types in cloud environment " at International Symposium on Big Data and Cloud Computing

Challenges(ISBCC) organized by school of Computing Sciences and Engineering,VIT Chennai on 27th and 28th March 2014.

8. DurgaPriya.G and **SomaPrathibha**“Assuring correctness for outsourced data repository in cloud environment”,Proc, International conference on Advanced Communication control and Computing Technologies(IACCCT),May 8-10,2014,Organized by Syed AmmalEngineering College ,Ramanathapuram, Tamilnadu, India.Published in IEEE explorer(ISBN No. 978-1-4799-3914-5/14/\$31.00 ©2014 IEEE)
9. **D.A.Prathibha** ,DrB.Latha and Dr.G.Sumathi . “An Integrated Scheduling and Resource Allocation Framework for Workflow Applications in IaaS clouds” in International Conference on Pattern Recognition and Multimedia Signal processing ,AnnamalaiUniversity,Chidambaram on 9-10,Jan,2015.
10. Nivethamani.M and **SomaPrathibha**“Energy trading spectrum using Power Re-distribution in wireless sensor networks” in IEEE2015 International Conference on Computing and Communications Technologies (ICCCT), 26-27 Feb 2015,organized by Department of Information Technology,SriSai Ram Engineering College,Chennai.Published in IEEE explore Digital library DOI 10.1109/ICCCT2.2015.7292730(**Scopus**)

11. **D.A.Prathibha**, Dr.B.Latha and Dr.G.Sumathi "Improving Energy Efficiency using DVFS in Cloud Computing for Workflow Applications"- International Conference on Computing and Information technology (ICCIT'15) 13-14, August 2015 organized by Sri Sai Ram Institute of Technology, Chennai.
12. **Soma Prathibha**, Dr.B.Latha and Dr.G.Sumathi " Improving Energy Efficiency Of Computing Servers And Communication Fabric In Cloud Data Centres" at International Conference on Research in Computational Intelligence and Communication Networks, September 23-25, 2016, Kolkata. Proceedings will be published in IEEE Xplore **(Scopus)**
13. **Soma Prathibha**, S. Sowvarnica, Dr.B.Latha and Dr.G.Sumathi "A Comparative study of task and fault tolerance clustering techniques for scientific workflow applications in cloud platform" has been accepted for International Conference on Data Science Analytics and Applications (DaSAA 2016) conducted by Department of computer science and Engineering, Anna University, Chennai. **(Scopus)**
14. Sarika S, Jayashree S, Solai A L, **Soma Prathibha** "A Novel Approach For Early Flood Warning Using Android And IOT" IEEE International Conference on Computing and Communications Technologies (ICCT), 23-

24 Feb 2017,organized by Department of Information Technology,SriSai Ram Engineering College,Chennai. Proceedings Published in IEEE explore Digitallibrary<https://ieeexplore.ieee.org/abstract/document/7972302>,DOI: 10.1109/ICCCT2.2017.7972302(**Scopus**)

15. **Soma Prathibha**, S. SowvarnicaSurvey of Failures and Fault Tolerance in Cloud IEEE International Conference on Computing and Communications Technologies (ICCCT), 23-24 Feb 2017,organized by Department of Information Technology,SriSai Ram Engineering College,Chennai.ProceedingsPublished in IEEE explore Digital library <https://ieeexplore.ieee.org/document/7972271>DOI: 10.1109/ICCCT2.2017.7972271(**Scopus Indexed**)

16. S.Pavithra,S.Ramya and **Soma Prathibha** "A Survey on Cloud Security Issues and Blockchain" IEEE Third International Conference on Computing and Communications Technologies (ICCCT), 21-22 Feb 2019,organized by Department of Information Technology,SriSaiRam Engineering College,Chennai, pp. 136-140. IEEE, 2019.DOI: [10.1109/ICCCT2.2019.8824891](https://doi.org/10.1109/ICCCT2.2019.8824891)(**Scopus Indexed**)(**Scopus**)

17. **Soma Prathibha**. "Investigating the Performance of Machine Learning Algorithms for Improving Fault Tolerance for Large Scale Workflow

Applications in Cloud Computing." In 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), pp. 187-190. IEEE, 2019. **(Received Partial Funding from IEEE Madras Section Scopus Indexed)(Scopus)**

18. **Soma Prathibha**, T.R.Sona and J.Krishna Priya "Document and Certificate verification using block chain technology", Proceedings of the 6th international conference on Electrical Energy Systems, Page No.102 organized by Department of Electrical and Electronics Engg, SSNEngg College on Feb 20-21, 2020
19. **Soma Prathibha** and R.Kathik "Game Management in Tennis" in International Conference in Engineering and Applied Technology, Virtual Conference organized by CPET, Chennai on 15-16, August 2020
20. Muhseen, Zynab, Varsha Sundar, Manimegalai Balakrishnan, Vaishali Ravi, **Soma Prathibha**, Divya Ganesh, and Mithileysh Sathiyarayanan. "Portable Smart Solar Panel for Consumer Electronics." In 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE), pp. 494-499. IEEE, 2020. (Available in IEEEExplore [10.1109/ICSTCEE49637.2020.9277123](https://doi.org/10.1109/ICSTCEE49637.2020.9277123)) **(Scopus)**

21. **Soma Prathibha**, Nirmal Raja K.L., Shyamkumar N and Krithiga.M “Covid-19 Safe Guard: A Smart Mobile Application To Address Corona Pandemic” in 3rd international Conference in Smart Systems: Innovations in Computing presented virtually on 22-23, Jan 2021 organized by Manipal University, Jaipur
22. Sowmya V.R., Karthika A and **Soma Prathibha** presented Technical Paper on “Smart Mobile Application for Water supply Management in urban cities” in 2021 International Conference on Computer Communications and Informatics held from 27-29 Jan 2021 organized by Sri Shakthi Institute of Engineering and Technology

National conference (15)

1. **Soma Prathibha** , “Recent techniques in Biometrics” in National Conference on Information and Communication Technology organized by CCIET, Wadhwan city on 27-03-2005.
2. **Soma Prathibha** and R. Ranjana , “Study of Challenges faced in extending internet QoS to mobile IP” in National conference on Recent trends in Information Technology (NCRTIT) organized by Department of Information Technology, Kamaraj College of Engg, Virudhnagar on 05-04-2006.

3. **Soma Prathibha** and R.Ranjana,“Novel Window Adjustment for XCP Congestion Control” in National conference on Research Opportunities And Challenges In “IT” organized by Dept of Master of Computer Applications,SriSairamEngg college on 04-04-2007.
4. **Soma Prathibha** ,“Performace Enhancement for DSR protocol using dynamic caching for MANET”in National Conference organized by MeenakshiSundararajanEnggCollege,Chennai on 05-03-2008.
5. **Soma Prathibha**,“Impact of Dynamic Caching on the performance of DSR protocol in MANET” in National Conference On Informatics organized by NarayanaEnggCollege,Nellore on 27-12-2008.
6. **Soma Prathibha** ,R,Ranjana&P.Yogeeskumar,“Impact of Security issues in Adapting Cloud Computing” in 2nd National conference on Information and software Engineering(NISE) organized by AarupadaiVeedu Institute of Technology,Vinayaka Missions University,Chennai and Sponsored by IEEE Computer Society Madras Chapter on Feb 26-27,2010.
7. M.SruthiLakshmi,G.Gayathri,Subhashini,**SomaPrathibha**
“YathriMithra,Traffic monitoring and Accidents alerting with security systems for vehicles”in National conference on Emerging trends in computer applications and management(NCETCAM'11) organized by

Faculty of computer applications and Faculty of Management studies
at AarupadiVeeduInsitiute of Technology,Vinayaga Missions
University on 30th and 31st March 2011.

8. D.Jayanthi,T.V.ShanmugaPriya,S.Srimathi and **Soma Prathibha**,"Efficient Parallel Processing in Cloud" Proc.National Level conference on Computing Technology organized by Department of CSE and IT, Rover Engineering college in March'2012.
9. Rukesh.J, Sabarinathan.R, VenkatBalaji and **Somaprathibha**"Sharebook:AVision for Socially Motivated Resource Sharing"Proc.National Conference on Emerging Trends In Computer Science and Bio Informatics ETCSBI'12 organized by School of Computing sciences VELSUniversity,March 2012.
10. R.Vijayalakshmi,SubhashiniSuresh,M.KrishnaPRIya and **Soma Prathibha**"PSO based scheduling of Resources in cloud Environment "Proc.National Conference on challenges and issues in computing and technology,organized by VELTECH University,14-15 March,2014.
11. **SomaPrathibha**,ADhivya,K.Mahadevi and M.Goppurendevi"Truthful Skewness Mechanisms For Dynamic Virtual Machine Provisioning And Allocation" Proc.National Conference on Cutting Edge Technologies in Computing & Bioinformatics (NCCETICB'16) on 24-03-2016 organized

by the Department of Computer Science and Engineering,SriRam Engineering College,Chennai.

12. **Soma Prathibha**andSumithaA.T “Recent Techniques for Improving Energy Efficiency in cloud :A Survey" Proc.National Conference on Recent Trends in Computing and Technology NCRTCT’16 on 29th April, 2016 organized by department of information Technology,SriSai Ram Engineering college,Chennai
13. **Soma Prathibha**, PriyankaSekar,SaiShruthi and Suthandira “Innovative Smart Transportation based on integration of IOT and Cloud " Proc.National Conference on Recent Trends in Computing and Technology NCRTCT’16 on 29th April, 2016 organized by department of information Technology,SriSai Ram Engineering college,Chennai
14. **Soma Prathibha**,SivapriyaP,Kreethika “Robotics and Automation in construction industry" Proc.National Conference on Recent Trends in Computing and Technology NCRTCT’16 on 29th April, 2016 organized by department of information Technology,SriSai Ram Engineering college,Chennai
15. CherukuruVenkataNishkala,**SomaPrathibha**and Siva Priya.P “An Intelligent Flash Flood management system using crowd sourcing”,Proc.National conference on Smart Innovations in

Communication and Computing, 5th March 2019, Organized by
Department of Computer science and Engg, Sri Sai
Ram Engg College, Chennai

Invited Talks:

1. Delivered a guest lecture on "Applications of AI for Data Science" for AICTE Sponsored Six days Virtual Short Term Training Programme (STTP) on "APPLICATIONS OF ARTIFICIAL INTELLIGENCE TOWARDS INDUSTRY 4.0" ,organized by Department of Electronics and Instrumentation Engineering, Sri Sai Ram Engineering College.
2. Delivered talk on "IoT and Analytics" to the students of Sathyabama Institute of Science and Technology on 21.10.2020
3. Delivered talk "DATA ANALYTICS AND BASICS OF R LANGUAGE " in International Webinar organized by IEEE Student Branch Chapter ,Panimalar Engineering College on April 11, 2020
4. Delivered webinar talk on " DATA ANALYTICS AND BASICS OF R LANGUAGE "organized by IEEE Computer Society-Student Branch Chapter, Sri Sai Ram Engineering College on 8 April 2020.
5. Resource Person for Hands on Training on "R Programming", Organized by Sri Venkateswara College of Technology, Chennai on 18.02.2020
6. Resource Person for Training programme on "Python Programming" organized by NITTTR, Taramani ,Chennai on 12.03.2020

7. Resource person for two days FDP from 8.11.2019 to 9.11.2019 conducted for Government school teachers of Kanchipuram on “Python programming” organized by Department of Information Technology and Skill Development Club, Sri Sai Ram Engg College .
8. Trainer for training session on “Basics of cloud computing” for employees of Chennai Branch, The Royal Bank of Scotland on 20.09.2019
9. Resource person in ICCCT’19 IEEE conference paper presentation.
10. Session Chair in NCRTCT 18 National Conference On Recent Trends In Computing Technology organized by Department of Information Technology, Sri Sairam Engineering College, Chennai on 7/3/2018.

PROPOSALS SUBMITTED

1. Co -Principial Investigator for the proposal “Cost Effective Agriculture Solution for Crop Yield Prediction and Monitoring using Reinforcement Deep Learning Algorithms” submitted under the SERB POWER Grant scheme on 11.01.2021
2. Co-ordinator for the SERB National workshop proposal “SAIHC — SERVICES OF ARTIFICIAL INTELLIGENCE IN HEALTHCARE “ submitted on 21.12.2020
3. Team Leader for the Leelavathy Award under “Women in Literacy “category submitted on 31.12.2020
4. Co-cordinator for the proposal “Multi-Device Service (Mobile Phone, Laptop and Desktop) Skill Development Programme” submitted under the FOR GRANT UNDER THE SCHEME DISSEMINATION OF INNOVATIVE TECHNOLOGY (DIT) -2020-21
5. Co -Principial Investigator for the proposal “An Innovative method for enhancing the soil fertility and plant nutrient management using CRA Neural Networks” submitted under Indo-Sri lankan Joint Research Project Scheme, Nov-2019, DST

6. Co- Principal Investigator for the Bi-lateral workshop proposal
“Frontiers in Application of Machine Learning and Internet of Things
in IOT ” submitted under Indo-Sri lankan Bi-lateral Workshop
Scheme,Nov,2019,DST
7. Submitted Proposal titled “Empowering the rural women of
SomangalamVillage of West Tambaram with ICT Skills” under the
scheme DISSEMINATION OF INNOVATIVE TECHNOLOGY (DIT),
TAMILNADU STATE COUNCIL FOR SCIENCE AND
TECHNOLOGY,Chennai
8. Co- Prinicipal Investigator for the proposal ““A SMART VISION - An
Electronic Navigation Gadget for Visually Impaired People”
submitted under Core Research Grant Scheme,SERB on 14.06.2019

Membership in Professional Bodies

1. IEEE Computer Society Member 94183754
2. Cryptology Research Society of India Life Member-L/0967
3. ISTE Life memberLM131629(From Dec 4,2020)
4. Member in International Association of Computer Science and
Information Technology (IACSIT), Singapore, No. 80344599
5. Institute For Engineering Research and Publication (IFERP)Membership
PMIN39705426

Programme organized:

- ❖ Organized two days online IEEE Day 2020 celebration on behalf of
IEEE Computer society-SBC for Higher Secondary school students on
10.10.2020 and 11.10.2020
- ❖ Event coordinator for five days “Python Programming” organized
from 5/10/2020 to 9/10/2020

- ❖ Event Coordinator for five days “Java Essentials” Training Programme organized from 21/09/2020 to 25/09/2020
- ❖ Organized two days online National Level Coding contest “CodeFete” on behalf of IEEE Computer society-SBC sponsored by IEEE SPAA on 10.10.2020 and 11.10.2020
- ❖ Organized a state level IEEE event STEP-2020-Discovering Your Professional Future on 4-01-2020 in association with IEEE YP MAS section and sponsored by IEEE SPAA
- ❖ Organized IEEE Day 2019 on behalf of IEEE Computer society-SBC for Sairam Higher Secondary school students on 01.10.2019
- ❖ Organized Education outreach programme on 18.07.2019 by IEEE Computer society-SBC students at R.C.M Higher secondary school, Dharkast, West Tambaram, Chennai.
- ❖ Organized Two days Workshop on R Programming in association with IEEE Computer Society of India, on 25.2.2018 and 26.02.2018
- ❖ Organized Educational Outreach programmes to Govt Schools to teach computer skills in 2017, 2018, 2019 for IEEE-CS student members
- ❖ Co-ordinator for 3rd International Conference on Computing and Communication Technologies (ICCCT'19) held on 21 st & 22 nd Feb 2019 in the Department of Information Technology, Sri Sairam Engineering College, Chennai
- ❖ Co-ordinator for IEEE2015 International Conference on Computing and Communications Technologies (ICCCT), 26-27 Feb 2015, organized by Department of Information Technology, Sri Sai Ram Engg College.

- ❖ Co-ordinator for IEEE2017 International Conference on Computing and Communications Technologies (ICCCT), 23-24 Feb 2017,organized by Department of Information Technology,Sri Sai Ram Engg College.
- ❖ Coordinator for ISTE Chapter sponsored National Conference on Recent Trends in Computing and Technology(NCRTCT'16), organized by Department of Information Technology,Sri Sai Ram Engg College in association with ICTACT

REVIEW MEMBER/QUESTION PAPER SETTING:

1. Editorial Member of International Journal of Intelligent Information Systems,ISSN Print: 2328-7675,ISSN Online: 2328-7683,SciencePG,Science Publication Group
2. Appointed as the Question paper setter for “IT-6701 ,Information Management” for Sri Valliammai Engineering College(An Autonomous Institution) for the October-November 2019 Examinations
3. Reviewed papers for Computer Communication(Elseiver Publisher),Informatica ,FGCS and Soft Computing
4. Acted as a review committee member for papers in IEEE International Conference on Computer and Communication Technologies - ICCCT'19 organized by Department of Information Technology, Sri Sairam Engineering College
5. Acted as a review committee member for papers in International Conference on Recent Trends in Computational Engineering and Technologies-ICTRCET'18 organized by Department of Computer

Science and Engineering of RajaRajeswariCollege of Engineering, Bangalore.

6. Acted as a review committee member for papers in IEEE International Conference on Computer and Communication Technologies – ICCCT'19, ICCCT'17, ICCCT'15 organized by Department of Information Technology, Sri Sairam Engineering College.

CITATION AND INDEX OF MY RESEARCH ARTICLES:

1. Research articles are Indexed in Elsevier, Scopus, Sci Index, Ulrich, DOAJ, EBSCO, and Google Scholar.
2. Research Articles Cited in Cite Seer, I-SCHOLAR, Free patent online and Google Scholar.
3. Google Scholar citation (Citation articles: 101, h-index-7 and i-10 index-3)

WORKSHOP / SEMINARS/FDP/STTP ATTENDED

1. Attended five days ATAL FDP on “Internet of Things” conducted by Department of Instrumentation Control Engineering, Sri Manakula Vinayagar Engineering College from Feb 1st to Feb 5th, 2021
2. Attended five days ATAL FDP on “IOT” conducted by Department of Computer Science and Engg, Sri Sai Ram Engg college from Nov 30-Dec 4 2020
3. Attended five days ATAL FDP on “ Robust and Scalable web development using Python “ conducted by Sri Vidhyaniketan Engg college, Tirupathi from 21.09.2020 to 25.09.2020
4. Attended five days ATAL FDP on “ Block chain” conducted by JNTUA, Anantapur from 20.04.2020 to 24.04.2020

5. Attended STTP on “AI in Healthcare” conducted by SSN College from 14.12.2020 to 20.12.2020
6. Attended five days ATAK FDP on “IOT” conducted by Department of Computer Science and Engg, Sri Sai Ram Engg college from Nov 30-Dec 4 2020
7. Attended Two days International Conference on “Software Defined Networking” organized by Anna University, Chennai during 09.08.2019&10.08.2019
8. Attended Five days FDP on “Cloud Security and Blockchain Technologies” from 22.04.2019 to 26.04.2019, organized by Department of Information Technology, Sri Sai Ram Engineering in association with ISTE student Chapter.
9. Attended Five days FDP on NexGen Tech Stack from 08.04.2019 to 12.04.2019 organized by Department of Computer Science Engg, Sri Sai Ram Engineering College in association with CSI Student Chapter
10. Attended Two Days Saptahaant Shikshak Prashikshan "Introduction to Machine Learning" conducted by IIT Kharagpur held on 16th and 17th December 2017, at RCC, Anna University
11. Attended Three days National workshop on Cryptology from 28.08.2017 to 30.08.2017, organized by Department of Computer Science and Engg, NIT Trichy, in association with Cryptology Society of India
12. Attended Five days FDP programme on Data Science and Big Data Analytics from 11.9.2017 to 15.9.2017 conducted by Department of Information Technology in association with ICT ACADEMY

13. Attended one day workshop on Java IOT Developer Course Launch Event organized by Oracle University on 11-01-2017 at ITC Grand,Chennai,India
14. Attended two days workshop on "Computational Intelligence Techniques" on 20th and 21st October 2017 at MIT, Chennai organized by Department of Electronics Engineering
15. Attended one day VMware seminar on SDS(Software-defined storage) organized by VMware Software India Pvt. Ltd. on 25-05-2016 at ITC Grand,Chennai,India .
16. Attended 3 days workshop of "Data center virtualization fundamentals Organized by ICTACT from 9-11,May 2016 at Anand Institute of Higher Technology ,Chennai
17. Attended one day Workshop on Author workshop jointly organized by Springer and Anna University on 2-11-2015 at Anna University,Chennai.
18. Attended one day workshop on "IEEE Author Workshop-How to publish technical paper with IEEE" on 20-08-2015 Sponsored by IEEE Xplore at IIT-Madras
19. Attended one day workshop on "How to write research papers for referred journals" on 24- 01-2015,,organized by Department of Electronics and Communication Engineering Sri Sai Ram Institute of Technology,Chennai
20. Attended workshop on "Cloud Computing" organized by Department of Information Technology,St.Josephs college of engineering on 04.09.2014

21. Attended FDP program on “Cloud Computing “ organized by Department of IT,SriSai Ram Engineering College in Association with TCS on 5.5.2014
22. Attended one day summit on Bigdata at VIT,Chennai on 25.04.2014.
23. Attended 2 days National Level Seminar on Recent Trends in cloud computing from 20.1.2014 and 21.1.2014 at SRMUniversity,Chennai.
24. Attended 2 days workshop on cloud setup,software and solutions from October 24th & 25th ,2013 organized and conducted by Anna University ,in association with SamSung,VMWare and Fujitsu
25. Attended AICTE sponsored National level seminar on cloud computing and mining on 26.9.2013 and 27.9.2013 organized by MCA dept,SriSai Ram Engg College.
26. Attended two days national level workshop on Open source cloud computing platforms at B.S.AbdurRahmanUniversity,Chennai from 18.9.2013 -19.9.2013
27. Attended project training on creating ecommerce cloud shop using Amazon AWS and Ubuntu organized by Synapticdots,Chennai on June 15-16,2013
28. Attended National Workshop on “Journal and Thesis Writing” organized by Anna University in association with Springer on 29.01.2013.
29. Attended “International Workshop on Data Mining and Web Intelligence” From 20-01-2011 to 21-01-2011 conducted by Dept Of Information Technology,MIT,Anna University ,Chennai

30. Attended AICTE sponsored Staff Development Programme on "Instructional Design and Delivery "conducted by Department of Computer science and Enng,SSEC,Chennai .
31. Attended National Seminar on "Research Methodologies in Next generation Wireless Network using OPNET "at SSEC ,Chennai from 19.08.2010 to 21.08.2010.
32. Attended AICTE Staff Development Programme on "Recent Development In Computing",conducted by department of computer science and Engineering,atSSEC,Chennai .
33. Attended AICTE Sponsored staff development Programme on "Mobile Networks" at SSEC,Chennai from 19th to 30th January 2009
34. Attended Anna University sponsored Faculty Development Program on "Mobile Computing" Conducted by MIT,Chennai 19 -05-2008 to 25-05-2008 .
35. Attended 2 days work shop on "Middle ware Technologies" conducted by MCA department,SriSai Ram EnggCollege,Chennai on 5th and 6th April 2006.
36. Attended Anna University sponsored Faculty Development Program on "Web Technology " Conducted by Department of Computer Science,SriSai Ram Engg College in association qithTCS from 15 -05-2006 to 25-05-2006 .
37. Attended FDPProgramme on "Computer Architecture" at SSEC,Chennaion 3rd and 4th Nov 2005.
38. Attended Two Days National Conference on "Distributed Computing and Knowledge Management NCDK '05" on 16 -17 sept 2005 at Sri Sai ram Engg College.

Responsibilities at Sri Sai Ram Engineering College

- 1.Member of IQACAQAR Committee.
- 2.Department Website co-ordinator.
- 3.Department Seminar Coordinator :Arranging guest lectures, workshops and seminars for students and faculties on latest technologies by bringing in subject technology experts from Industry and Academia
- 4.ISO Co-ordinator(2014-2016)
- 5.IEEE Computer Society student branch chapter Advisor
- 6.Time Table Co-ordinator (2012-2014)
- 7.Industrial Visit Coordinator: Arranged more than 15 industrial visits the major IT companies and PSU
- 8.Class Co-ordinator for 2018-2022 and 2007 -2011 batches

Declaration:

I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(Soma Prathibha)

