RESUME

Name   **:**   **Dr.S.Sankari**

Designation   **:**   Professor
Department of Information Technology
Sri Sai Ram Engineering College, West Tambaram, Chennai-44.

Contact Details :   9884141080, sankari2705@gmail.com

EDUCATIONAL QUALIFICATION

Ph.D. - Anna University, Chennai – April 2017

M.Tech (Computer Science & Engineering) – May 2007, SRM University, Chennai.

M.B.A (Systems) – May 2005, Madurai Kamaraj University, Madurai

B.E. (Computer Science & Engineering) - April 1995
Periyar Maniammai College Of Tech. for women, Vallam Thanjavur. (Affiliated to Bharathidasan University, Tiruchirapalli)

THESIS TITLE

IMPROVED ENERGY CONSERVATION OF DATA CENTER RESOURCES IN CLOUD ENVIRONMENT

WORK EXPERIENCE (SUMMARY)

- ➔ **13th University Rank Holder in Bachelor of Engineering, Bharathidasan University.**
- ➔ **Total Experience 23+ years**
  - **Engineering College Teaching Experience – 18+ years,**
  - **Industry experience – 1+ year,**
  - **Teaching experience other than Engg. College – 3 years,**
- ➔ **Total number of Publications - 24**
  - **International Journal - 10**
  - **International Conference - 18**
  - **National Conference - 9**
- ➔ **Expert Training students in the following latest technologies: - Sales Force Trailhead, Cloud Computing, Big Data, IoT, SDN, Data Science, Python, R Programming**

- ➔ **NBA, ISO and Autonomous coordinator**
- ➔ **Patent applied on September, 2019, Titled "A Smart Walking Gadget for Visually Impaired People"**
- ➔ **Received DST-IEDC fund for the project "Navigation Gadget for Blind Using IoT" and Received fund from Tamil Nadu State Council for the project titled '7th Sense-A Virtual Keyboard for disabled'**
- ➔ **Topper 5% in the NPTEL Online certification for the subject "Cloud Computing" with Elite + Silver and Topper 1% in the NPTEL Online certification for the subject "Internet of Things" with Elite + Gold certificate.**
- ➔ **Received appreciation for the project titled "Smart Cane for Visually Impaired Based on IoT", presented in "IEEE Project Expo 2019", organized by SCSVMV IEEE Student Branch.**
- ➔ **Received appreciation for the successful coordination of New India student Championship 2018 The Largest Learnathon of India (24 hrs challenge)**
- ➔ **Session chair and Reviewer for conferences**
- ➔ **Guided 30+ UG and 10 + PG projects**
- ➔ **Organizing Workshop for Students, FDP for faculty, National and International conferences**
- ➔ **Resource person and three funding project proposals submitted**

TEACHING EXPERIENCE AT ENGINEERING COLLEGES

S.No.	Name of the Institution	Period	Designation
1.	Sri Sai Ram Engineering College, Chennai	June 2007 – Till date	Associate Prof. in Information Technology
2.	Valliammai Engineering College, Chennai	June 2002 – May 2007	Lecturer in Computer Science & Engineering Department
3.	Bharath Institute Of Science and Technology, Chennai	June 1999 – August 2000	Lecturer in Computer Science & Engineering Department

TEACHING EXPERIENCE OTHER THAN ENGINEERING COLLEGES

S.No.	Name of the Institution	Period	Designation
1.	APTECH Computer Education, Tuticorin	May 1996 – May 1999	Faculty cum Academics Head

SOFTWARE INDUSTRY EXPERIENCE

S.No.	Name of the Organization	Period	Designation

1.	Covansys(I) Private Ltd., Chennai (Presently Covansys CSC),	August 2000 – October 2001	Application Developer

RESEARCH AREA

Cloud Computing, Network Virtualization, Big Data, IoT, Data Science

INTER NATIONAL JOURNAL

1. **Sankari Subbiah**, G.Shanmuga Priya and R.Ezhilarasi, "**An Aid for novice through Data Analytics**", Test Engineering and Management, Vol.83.PP: 13835-13841,2020.

2. **Sankari Subbiah** and Sathya Mala, "**A Survey of Home Automation Using Internet of Things**", , Global Journal of Engineering Science and Researches, Vol. 6, Issue 3,pp:410-417, 2019, ISSN:2348-8034. (**UGC Journal**)

3. **Sankari Subbiah** and Varalakshmi Perumal, "Power Aware Traffic Management in the Virtual Local Area Network Based Cloud Environment", International Journal of Pure and Applied Mathematics, Vol. 119, no.11,pp:223-231,2018. (**UGC Journal**)

4. Priyanka C.P **and Sankari Subbiah**,"Optimized Multi Objective Resource Assignment and Server Consolidation in Cloud Environment (OMORASCCE)", International Journal of Computer Science Engineering, Vol.7,no.3,pp:91-103,2018.

5. Sankari Subbiah, Varalakshmi Perumal and Kalaiarasi Selvaraj, **"Optimal Big Data Storage Allocation Using Federated Cloud Data Centric Networks"**, International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE), ISSN:0976-1353, Vol.22, Issue 2, 2016.

6. **Sankari Subbiah** and Varalakshmi Perumal, **"Research Confront in Software Defined Networking Environment: A Survey"**, Communications in Computer and Information Science, Springer, Vol. no. 628, pp:600-608,DOI: 10.1007/978-981-10-3433-6_72,2016. **(Scopus Index, UGC Journal**) **(SCImago)**

7. **Sankari Subbiah**, Perumal Varalakshmi, Prarthana R, Renuka Devi C," **Energy Efficient Big Data Infrastructure Management in Geo-Federated Cloud Data Centers**", Procedia Computer Science, Vol.58, pp:151-157,DOI: 10.1016/j.procs.2015.08.043,2015. **(Scopus Index, UGC Journal**)

8. **Sankari Subbiah**, Kannadasan Ashwini, Perumal Varalakshmi, "**Video Streaming for QoS Approach using Azure Cloud Storage**", International Journal of Applied Engineering Research, Vol.10, Issue.75, pp: 289-294,ISSN: 0973-4562,2015.**(Scopus Index, UGC Journal**)

9. P.Varalakshmi and **S.Sankari**,"**Power-conservative server consolidation based resource management in cloud**",International Journal of Network Management,2014,24,415-

432,DOI:10.1002/nem.1873.Online ISSN:1099-1190,Impact Factor:0.517 (**Web of Science, Annexure-I & Updated list in Anna Univeristy**) **(SCI)**

10. Divyabairavi Soundararajan, **Sankari Subbiah**,(2013)"**INTELLIGENT REDIRECTION OF VIRTUAL MACHINE AND EFFICIENT LOAD BALANCING IN PRIVATE CLOUD** " - IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501 Vol.3, No6, December 2013

11. R. Aishwarya and **Sankari S** (2013), "**Browser Friendly Media Integration of Adaptive Real-Time HTTP Media Streaming**",International Journal of Advanced and innovative Research (2278-7844) / +61/Volume 2 issue 12. (**Annexure II**)

INTER NATIONAL CONFERENCE ATTENDED & PRESNTED

1. **Sankari Subbiah**, Kanthimathi Nathan, Aakash and Senthil Nayagam S,"**Smart Room for Kids**" , presented in the 2020 2nd International Conference on Power, Energy, Control and Transmission Systems (ICPECTS'20), Organized by Department of EEE, Sri Sai Ram Engineering College on 10th and 11th December, 2020. **(Scopus Index)**

2. **Sankari Subbiah**, G.Shanmuga Priya and R.Ezhilarasi, "**An Aid for novice through Data Analytics**", presented in the International Conference on Computing, Communication and Control (ICCCC20) , organized by Sri Sai Ram Engineering College in association with IFERP on 28th & 29th Feburary, 2020.

3. Attended **First International Conference on Software Defined Networking (ICSDN 2019)**, on 9th & 10th August, 2019 at College of Engineering, Guindy, Anna University, Chennai.

4. **Sankari Subbiah**, Ramya, Parvathy Krishna and Senthil Nayagam, "**Smart Cane for Visually Impaired Based on IoT**", presented in the Third IEEE International conference on Computing and Communication Technologies, organized by Department of Information Technology, Sri Sai Ram Engineering Collge on 21 and 22nd Feb, 2019.**(Scopus Index)**

5. **Sankari Subbiah**, V.Ranjana and P.Sri Ranjani, "**Natural Language Processing and its Application**", presented in the Third IEEE International conference on Computing and Communication Technologies, organized by Department of Information Technology, Sri Sai Ram Engineering Collge on 21 and 22nd Feb, 2019.

6. **Sankari Subbiah** & Sathya Mala, "**A Survey on home automation using Internet of Things**", presented in the International Conference on Recent Trends in computational Engineering and Technologies (ICTRCET 2018), organized by RajaRajeswari college of Engineering , Bengaluru on 17th & 18th May, 2018.

7. **Sankari Subbiah**, Sathya Mala and Sushmi Tushra," **Navigation Gadget For Visually Impaired Based on IoT**", presented in the 2017 Second IEEE International Conference on Computing and

Communication Technologies (ICCCT'17) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai. **(Scopus Index)**

8. **Sankari Subbiah** and M.Priyanka, "**Comparative Analysis on Virtual Machine Assignment Algorithms**", presented in the 2017 Second IEEE International Conference on Computing and Communication Technologies (ICCCT'17) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai. **(Scopus Index)**

9. **Sankari Subbiah**, Senthil Nayagam and Sathya Mala," **Job Starvation Avoidance with Alleviation of Data Skewness in Big Data Infrastructure**", presented in the 2017 Second IEEE International Conference on Computing and Communication Technologies (ICCCT'17) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai. **(Scopus Index)**

10. **Sankari Subbiah** and Varalakshmi Perumal, **"Research Confront in Software Defined Networking Environment: A Survey"**, presented in the International Conference on Smart Trends for Information Technology and Computer Communications (SMARTCOM 2016) organized by CSI Udaipur & Jaipur chapter on 6th and 7th August, 2016. **(Scopus Index)**

11. The paper titled, **"Optimal Big Data Storage Allocation Using Federated Cloud Data Centric Networks"** presented in the International Conference on Advances in Emerging Technology (ICAET 2016) organized by Jaya Engineering College, Chennai.

12. **Sankari Subbiah** and Varalakshmi Perumal "**Energy-Aware Network Resource Allocation in SDN**" presented in the IEEE International Conference on Wireless Communications Signal Processing and Networking (WISPNET 2016) organized by the Department of Electronics and Communication Engineering, SSN college of Engineering, Chennai. **(Scopus Index)**

13. **Sankari Subbiah** and Varalakshmi Perumal, "**Network Resource Provisioning in Cloud Data Center Across Manifold SDN Controllers**" presented in the 2nd IEEE International on Engineering and Technology (ICETECH 2016) organized by the Department of CSE and IT, Rathinam Technical Campus,Coimbatore. **(Scopus Index)**

14. **Sankari Subbiah** and Varalakshmi Perumal, "**Network Traffic Analysis of Cloud Data Centre**" presented in the 2015 IEEE International Conference on Computing and Communication Technologies (ICCCT'15) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai. **(Scopus Index)**

15. The paper titled "**Mobile Streaming for QoS Approach in Media Cloud**" presented in the 2015 IEEE International Conference on Computing and Communication Technologies (ICCCT'15) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai. **(Scopus Index)**

16. **Sankari Subbiah** and Varalakshmi Perumal , (2013), "**Power Aware Resource Optimization in cloud**", - IEEE sponsored International Conference, Department of Information Technology, MIT campus, Anna University, Chennai, 25th & 27th July, 2013 **(Scopus Index)**

17. Divya Prabha and **Sankari S** (2013), "**Cloud Computing: Efficient data storage and security services**", International Conference (ICACT-2013) in association with IEEE MP subsection,IEEE computer society Bomaby chapter,CSI Indore chapter, JKK Nattraja college of Engineering and Technology, Namakkal, 8th – 9th March,2013

18. Bharatha lakhshmi .R and **Sankari S** (2013), "**Efficient Usage of ubiSOAP protocol for ubiquitous networks**", International Conference (ICACT-2013) In association with IEEE MP subsection,IEEE computer society Bomaby chapter,CSI Indore chapter, JKK Nattraja college of Engineering and Technology, Namakkal, 8th – 9th March,2013

19. Attended **Inter National Conference** and presented paper titled on "**Optimization of Cloud Storage Using File-Level Deduplication approach**" from 28th Jan. 2012 & 29th Jan. 2012, conducted by **Department of Computer Science and Engineering at Thiruvalluvar College of Engineering and Technology**

20. Attended **Inter National Conference** and presented paper titled on "**MedInfo Cloud-A cloud Based Solution To ensure Secure Access to Health Related Information**" from 9th Dec. 2011 to 10th Dec. 2011, conducted by **School of Computing Science and Engineering at VIT University. (Scopus Index)**

NATIONAL CONFERENCE ATTENDED & PRESNTED

1. Sankari Subbiah etc., presented a paper titled "**Rejuvenation of Smart Education in Country Side Areas**", organized by AICTE Sponsored Online National Conference for Women on Innovations in Science, Engineering and Technology (NCWISET-2020), Stanley College of Engineering and Technology for Women, 20th & 21st November,2020.

2. M.Sriharini, C.Vidhya, LatheefSaafia Fathima & Sankari Subbiah, "Movement Sensed Automatic Borewell Closing System", National Conference on Smart Innovations in Communications and Computing (NCSICC'18) - 27th March, 2018.

3. Divya Prabha and Sankari S (2013)," **An Efficient Data Storage and Security services in cloud**", 5th National conference on Emerging issues in computer application for modernization in IT, K.S.R.College of Engineering, Tiruchengode, 16th Feb 2013.

4. Attended **National Conference** and presented paper titled on "**Web Content Management using Cloud Computing : An Access of Multiple Server Based Resources**" from 12th Oct. 2011 to 14th Oct. 2011,conducted by **Department of ECE at Sri Sai Ram Institute of Science & Technology, Chennai**

5. Attended **National Conference** and presented paper titled on "**E-cops-Computerization of police services**" on 11th March. 2011,conducted by **Information Technology at Vellammal Engineering College, Chennai**

6. Attended **National Conference** and presented paper titled on "**E-cops- Computerization of police services**" on 26th Feb. 2011,conducted by **Department of Computer Science and Engineering, Information Technology and Master of computer Application at Dhanalakshmi Srinivasan College of Engineering and Technology,Chennai**

7. Attended **National Conference 'SOFTCOM, 2007'** and Presented paper titled on "**Deployment of Distributed Components in a Web Based System**", from 09th March, 2007 to 10th March, 2007 conducted by **Dept. Of Computer Science and Engineering at Valliammai Engineering College, Chennai.**

FDP AND SDP ATTENDED

1. Attended **Faculty Development Program and received Gold Performer certificate** on "**Courseware creation using Moodle for Outcome Based Education-Second Run**" organized by Department of ECE under the aegis of Human Resource Development Centre (HRDC), Integral University, Lucknow from 15th Nov 2019 to 15th Jan 2020.

2. Attended **Faculty Development Program** on **"Python for Data Science"** , organized by NPTEL-AICTE from Aug to Sept, 2019.

3. Attended **Faculty Development Program** on **"Data Science for Engineers"** , organized by NPTEL-AICTE from Aug to Sep, 2019.

4. Attended **Faculty Development Program** on **"Platform Developer 1"**, conducted by ICT Academy from 12th Sep to 14th Sep, 2019 at Sri Sai Ram Institute of Technology, Chennai

5. Attended **Faculty Development Program** on **"Big Data Computing"** , organized by NPTEL-AICTE from Feb to April, 2019.

6. Attended **Faculty Development Program** on **"Cloud Computing"** , organized by NPTEL-AICTE from Feb to April, 2019.

7. Attended **Faculty Development Program** on **"Cloud Security and Block Chain Technology"** organized by Department of Information Technology, Sri Sai Ram Engineering College,Chennai, from 22nd April, 2019 to 26th April 2019.

8. Attended **Faculty Development Program** on **"NextGen TechStack"**, organized by Department of Computer Science and Engineering, Sri Sai Ram Engineering College,Chennai, from 08th April, 2019 to 12th April 2019

9. Attended **Faculty Development Program** on **"Internet of Things"** , organized by NPTEL-AICTE from July To October , 2018.

10. Attended **Faculty Development Program** on **"Goal Setting"**, conducted by ICT Academy on 20 & 21 December, 2018 at Sri Sai Ram Engineering College.

11. Attended **Faculty Development Program** on **"Salesforce Essentials for Business Specialists"**, conducted by ICT Academy, from 29th November, 2018 to 01st December, 2018.

12. Attended **Faculty Development Program** on **"Internet of Things"**, organized by NPTEL-AICTE, from August 2018 to October 2018.

13. Attended **Faculty Development Program** on **"Data Science and Big Data Analytics",** organized by Sri Sai Ram Engineering College in association with ICT Academy on 11.09.17 to 15.09.17.

14. Attended **Faculty Development Program** on **"Python Programming"**, on 14th June, '17 to 16th June,'17 conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai**

15. Attended Train the Trainer Program on "**Azure – Cloud Computing Platform**", from 28th Dec,'16 To 6th Jan '17 at **TCS Karapakkam**.

16. Attended **Faculty Development Program** on '**Cloud Computing'**, organized by the **Department of Information Technology and Tata Consultancy Services,5th May,2014 at Sri Sai Ram Engineering College, Chennai.**

17. Attended **Faculty Development Program** on '**Distributed Systems'**, from 28th Nov., 2011 to 4th Dec.. 2011 conducted by **Department of Computer Science and Engineering at Sri Sai Ram Engineering College, Chennai.**

18. Attended **Staff Development Program** on '**Web Services '**, 02nd   Nov.2011 & 03rd   Nov. 2011 conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai**

19. Attended **Staff Development Program** on '**Recent Trends in Computing '**, from 23rd   April 2010 to 28 April 2010 conducted by **Department of Computer Science and Engineering at Sri Sai Ram Engineering College, Chennai**

20. Attended **Staff Development Program** on '**Mobile Networks'**, from 19th January 2009 to 31st January 2009 conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai**

21. Attended **Faculty Development Program** on '**Balance of Emotional Intelligence in Working environment for teaching faculty'**, from 6th December,2007 to 12th December 2007 conducted by **Dept. of MBA, at Sri Sai Ram Engineering College, Chennai.**

22. Attended **Faculty Development Program** on '**Graphics and Multimedia'**, from 11th June, 2007 to 23rd June, 2007 conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai.**

ATAL-FDP ATTENDED

1. FDP on **"Data Sciences "** organized by Global Academy of Technology from 19th Jan to 23rd Jan,2021.

2. FDP on **"Robotics "** organized by Rajeev Gandhi Memorial College of Engineering and Technology from 5th Jan to 9th Jan, 2021.

3. FDP on "Augmented Reality/Virtual Reality" organized by GNDEC, Ludhiana, from 23-27 November,2020

4. FDP on **" Internet of Things"** organized by Amity School of Engineering and Technology, Amity University, Noida from 12th October to 16th October, 2020.

5. FDP on **"Data Science "** organized by IIIT , Vadodra from 25th May to 29th May 2020.

WORKSHOPS AND SEMINARS ATTENDED

1. Attended ISO 9001:2015 Quality Management System and Audit Training Program on June 2018, conducted by Creative Management Consultants,

2. Attended "**Salesforce – ICT Academy Academic Summit 2018"** on 8th Ma**y,** 2018 at ITC Grand Chola, Chennai,India.

3. Attended two days week end Program on "**Introduction to Machine learning**" , IIT Kharagpur at Remote centre Anna University, Chennai, on 16th & 17th December,2017.

4. Attended "**Salesforce Academic Directors Meet 2017"**, organized by Salesforce in association with ICT Academy on 25th July,2017 at The Hotel Radisson Blue , St.Thomas Mount, Chennai.

5. Attended one day workshop on "**How to Write Research Papers for Refereed Journals**" Organized by Department of Electronics and Communication Engineering, Sri Sai Ram Institute of Technology, Chennai

6. Attended Tutorial Sessions on "**Advanced Computing and Communication Technologies**" in the 2015 IEEE International Conference on Computing and Communication Technologies (ICCCT'15) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai.

7. Attended VIT-IBM Summit on **'Big Data Analytics'**, organised by the **School of Computer Science and Engineering, 25th April, 2014 ,VIT University, Chennai**

8. Attended National Seminar on **' Recent Research Trends in Cloud Computing',** organised by the Faculty of Engineering and Technology, 20th and 21st January, 2014, SRM University, Chennai

9. Attended workshop on **'Cloud setup and Software solutions'**, organized by the Department of Computer Science and Engineering.

10. Attended ISTE sponsored workshop on **'Network Design Practical Approach',** organised by the **Department of Information Technology at Sri Sai Ram Engineering College, Chennai.**

11. Attended AICTE sponsored Level seminar on **'Cloud computing and Mining',** organised by the **Department of Information Technology at Sri Sai Ram Engineering College, Chennai.**

12. Attended Author Workshop on **'How to write for and get published in Scientific Journals and Publish manuscripts '**, organised by the Springer and Edanz along with the Department of Information Science and Technology, Anna University, Chennai

13. Attended Tutorial Session at ICISC'13 on **'Cloud Computing and Semantic Web'**

14. Attended **National Workshop** on **'Parallel and Cloud Computing'** on 25th Feb. 2012, conducted by **School of Computer Science and Engineering** at **VIT University**

15. Attended **National Workshop** on **'Smart Ph.D. planning'** on 10th & 11th Feb. 2012, conducted by **Department of Computer Science and Engineering at RMD Engineering College, Chennai.**

16. Attended **Workshop** on **'Art of Journal and Thesis Writing'** on 19th Jan. 2012, conducted by **Department of R&D at Sri Sai Ram Engineering College, Chennai.**

17. Attended **National Level Seminar** on **'Recent Trends in SOA'** from 5th Jan., 2012 to 6th Jan. 2012, conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai.**

18. Attended **National Workshop** on '**Internal Auditor ISO 9001 : 2008 Quality Management Systems and Audit training'** from 11th Oct..,2011 to 12th Oct. 2011, conducted by **Sri Sai Ram Engineering College, Chennai.**

19. Attended **Inter National Workshop** on '**Data Mining and Web Intelligence'** from 20th Jan.,2011 to 21st Jan. 2011, conducted by **Department of Information Technology at Madras Institute of Technology, Chennai.**

20. Attended **National Level Seminar** on **'Research Methodologies in Next generation Wireless Network using OPNET'** from 19th August,2010 to 21st August 2010, conducted by **Department of Information Technology at Sri Sai Ram Engineering College, Chennai.**

21. Attended **National Level Technical Symposium** on **'E-learning in education'** conducted by **National Institute of Technical Teachers Training and Research, Chennai.**

22. Attended **Workshop** on **'IBM Technologies', 18th** September, 2005, conducted by **Department of Computer Science and Engineering, SRM Institute of Science & Technology Chennai.**

EVENT ORGANISED

1. **Publication chair, Reviewer and Session chair** for Third IEEE Internation Conference on Computing and Communication Technologies (ICCCT19) organized by Department of Information Technology, Sri Sai Ram Engineering College on 21st and 22nd Feb., 2019.

2. Organized "**Salesforce Platform App Builder**" in association with Salesforce and ICT Academy , two weeks Program, Sri Sai Ram Engineering College, Chennai.

3. Organized "**Trailhead Learnathon for salesforce youth summit**" in association with Salesforce and ICT Academy, on 14th Aug., 2018, Sri Sai Ram Engineering College, Chennai.

4. Coordinator for "**Trailhead Student Championship 2018-The largest learnathon of India**" in association with Salesforce and ICT Academy on 2nd and 3rd Feb.,'18, Organized by Sri Sai Ram Engineering College, Chennai.

5. Coordinator for **Students Workshop on Trailhead Salesforce Business Administration Specialists** on 8th Jan,2018 to 12th Jan 2018, organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai

6. Organizing and Session chair for the 2017 Second IEEE International Conference on Computing and Communication Technologies (ICCCT'17) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai.

7. Coordinator for the Faculty Development Program,"**Grid, Cloud Computing and Data Mining**", on 20th June,2016 To 24th June 2016, Organized by Department of Information Technology , Sri Sai Ram Engineering College, Chennai

8. Coordinator for the Faculty Development Program "**ORACLE-Java Fundamentals and Programming**" in association with ICT Academy on 25th April To 29th April.,'16, Organized by Department of Information Technology , Sri Sai Ram Engineering College, Chennai

9. Organizing and Session chair for the 2015 IEEE International Conference on Computing and Communication Technologies (ICCCT'15) organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai.

10. Coordinator for the National Conference on Computing and Technology (NCCT'14) held on 7th March, 2014 organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai

11. Session Chair for the International Conference on Information , Systems and Computing (ICISC'13) on 4th and 5th January, 2013 organized by Department of Information Technology, Sri Sai Ram Engineering College, Chennai

12. Organizing Committee for CSIR Sponsored National Level Seminar on Recent Trends in Service Oriented Architecture on 5th and 6th January, 2012 at the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

13. Department Organizing coordinator for Seminar, Workshop since 2015.

14. Coordinator for the five days Faculty Development Program on "Oracle-Java Fundamentals and Java Programming" in association with ICTACT from 25th April, 2016 To 29th April 2016.

15. Coordinator for the five days Faculty Development Program on "Grid, Cloud Computing and Data Mining" from 20th June, 2016 to 24th June, 2016.

DOCTORAL COMMITTEE MEMBER

DC member for a Ph.D. candidate in the Faculty of Information and Communication Engineering, Anna University, Chennai.

KEY NOTE SPEKER

1. Delivered a National Level Webinar on **"Cloud Technologies"**, at Nehru Institute of Engineering and Technology on 19th October, 2020.

2. Delivered a Guest Lecturer on the topic titled **"Webinar on Cloud Analytics"**, at Nehru College of Management, Coimbatore held on 27th May, 2020.

3. Delivered a Guest Lecturer on the topic titled **"Hands on Training in R Programming"** at Shri Venkateswara College of Technology held on 18th February, 2020.

4. Delivered a Guest Lecturer on the topic titled **"Salesforce Technologies"** at Kumaraguru College of Technology , Coimbatore on 21st Sep, 2019.

REVIEWER

1. Reviewer for the **2020 International Conference on Big Data and Cloud Computing (BDCC2020)** will be held on June 20-21, Bejing, China.

2. Reviewer for the title"**Data Structures using Python**" for **Oxford University press** and received appreciation certificate for the same.

3. Reviewer in the Journal named "Transactions on Knowledge Discovery from Data" and reviewed manuscript titled "Nabbing absconding botmasters in multi cloud environment using robustive network traffic analyzer based on super intend ensemble-learning mechanism" and submitted reviewer comments on 28th April, 2020.

4. Reviewer & Session chair for the IEEE International conference on Computing and Communication Technologies (ICCCT15, ICCCT17 & ICCCT19) organized by Department of Information Technology, Sri Sai Ram Engineering, College, Chennai

5. Reviewer for the International conference on **Recent trends in Computational Engineering and Technologies (ICTRCET-2018)**, organized by Department of Computer Science and Engineering, **RajaRajeswari College of Engineering, Bangalore**.

BOARD AND COMMITTEE MEMBERS

1. Assigned a **Technical Program Committee member** in the 2021 International conference on Modeling, Simulation and Optimization: Technologies and Engineering Applications, 11-12 April, 2021, Beijing, China.

2. Acted as a Editorial Board Member in the Insight-Information Journal, Pisco Med Publishing, Sinagapore.

3. Assigned a member in the **International Scientific Committees**, in the 2020 International conference on Big Data and Cloud Computing (BDCC202), dated June 21-22, 2020, Beijing, China.

4. **Program Committee Chair(S)** in "**Women in Computing and Data Analytics 2019 (WCDA-2019)"**, in the fourth International Conference on Contemporary computing and Informatics, 12-14th December,2019, Amity Global Institute, Singapore.

5. Acted as a **Publication chair**, in the Third IEEE International conference on Computing and Communication Technologies, organized by Department of Information Technology, Sri Sai Ram Engineering College on 21 and 22nd Feb, 2019.

6. Technical Program chair members in the Second International Symposium on Computer Vision and the Internet (VISIONNET'15) co-located with 2015 **International conference on Advances in Computing, Communications and Informatics, Kerala**.

GUIDED AND AWARDED STUDENT PROJECTS

1. **DST-IEDC Sponsored Students Project Guide** for the project "**Navigation Gadget for Blind Using IoT**" for the academic year 2016-2017., **sponsored amount Rs.1,00,000.**

2. Guided **'7th Sense-A Virtual Keyboard for disabled'** student's project and awarded **Student's Project Scheme – 2009 by Tamilnadu State Council for Science and Technology, Chennai. Sponsored Amount Rs5,000**

3. Guided **'7th Sense - A Multipurpose Robot for Military'** student's project and selected for the award of **Innovative Student's Project Award - 2009** by **Indian National Academy of Engineering, New Delhi.**

ACHIEVEMENTS

7. Received "**Engineering Excellence Award for Women**" from Society for Engineering Education Enrichment (SEEE) Awards 2020.

8. Received certification from NPTEL for the active participation in the **SPOCATHON** event as part of the content augmentation effort on 17th May,2020.

9. Received appreciation certificate for the successful coordination of "**SKILLLATHON**" in association with GUVI-UiPath ,2020

10. Received appreciation certificate for the successful coordination and Completion of "**NEW INDIA LEARNATHON 2020"** organized by ICT Academy during, May-June 2020.

11. NBA , ISO and Autonomous coordinator in the Department of Information Technology, Sri Sai Ram Engineering College.

12. Salesforce overall coordinator in organizing workshop and training students belongs to the department of IT,CSE, ECE and EI.

13. Top Performing Mentor for NPTEL-AICTE Data Science and Python for data science course.

14. **Earned 34 points, 29,087 points and 2 trails completed, Mountaineer rank in the Salesforce Trailhead platform** and my salesforce URL profile is https://trailhead.salesforce.com/me/ssenthil1.

15. Technical committee Member for Institute for Engineering Research and Publication (IFERP), Tamil Nadu Chapter.

16. Awarded Elite+ Silver **NPTEL Online certification** for the subject "**R Software**" during the exam November 2019.

17. Awarded **Topper 5% in the NPTEL Online certification** for the subject "**Cloud Computing**" with Elite + Silver certificate during the exam April 2019

18. Received appreciation certificate the project titled "**Smart Cane for Visually Impaired Based on IoT**", presented in "**IEEE Project Expo 2019**", organized by SCSVMV IEEE Student Branch on 15th March, 2019.The project won First prize during expo.

19. Awarded **Topper 1% in the NPTEL Online certification** for the subject "**Internet of Things**" with Elite + Gold certificate during the exam 28th October, 2018

20. Received certificate of appreciation for the successful coordination of New India student Championship 2018 The Largest Learnathon of India (24 hrs challenge) on 2nd & 3rd Feb., 2018

NPTEL-AICTE CERTIFCATIONS

The following Online courses, organized by NPTEL attended and got certification after exam

1. Internet of Things
2. Programming , Data structures and Algorithms using Python
3. Cloud Computing
4. Big Data Computing
5. Data Science for Engineers
6. Python for Data science
7. Introduction to R
8. Patent Drafting for Beginners
9. Effective Engineering Teaching in Practice

COURSERA CERTIFCATIONS

1. AI for everyone
2. Data Science for Real life
3. Cloud 101
4. Deep Learning
5. Image Compression

6. Introduction to Big Data
7. Logistic regression
8. Machine Learning for all
9. R Programming
10. Statistical Data Visualization with seaborn
11. SVM in Python
12. SVM Classification in Python
13. SVM Sciit-Learn

SALESFORCE TRAILHEAD URL

URL : https://trailblazer.me/id/ssenthil1

Secured 47 Badges, Mountaineer rank, 47,712 points, completed 3 superbadges (App Customization Specialist, Security Specialist and Business Administration Specialist) and Trailhead Educator badge

PROFESSIONAL BODY MEMBERSHIP

1. Member of **Institute for Engineering Research and Publication**, Tamilnadu chapter.Member ID: PMIN48539260.

2. Life Member, **Indian Society for Technical Education**, New Delhi. **Member Number: LM63702**

3. Member, **International Association of Computer Science and Information Technology(IACSIT) Member Number: 80344270**

4. Member, **International Association of Engineers(IAENG)**, Member Number:**120300**