

## Faculty Profile



- 1.Name of the Faculty :** J.B. SHRIRAM
- 2.Department and Designation :** Computer Science/Teaching Fellow
- 3.Date of Joining :** 22-07-2013
- 4.Faculty ID:** 8100161
- 5. E-mail Address :** shriram.jb@gmail.com
- 6. Date of Birth :** 21-06-1977

### **7. Qualification :**

1. (Ph. D) - Distributed Systems / Cloud Computing (doing)
2. M.E. Computer Science and Engineering from Anna University of Technology, BIT Campus, Tiruchirappalli - 620 024.
3. B.Tech. Information Technology from Anna University, College of Engineering , Guindy, Chennai - 600 025.
4. B.E. Electrical and Electronics Engineering from Anna University, College of Engineering, Guindy, Chennai - 600 025.
5. Diploma Electrical And Electronics Engineering from Arulmigu Kalalagar Polytechnic, Melur, Madurai.

**8.Specialization :** Computer Networks, Distributed Systems and Cloud Computing

### **9. Professional Experience:**

- *Working as a 'Teaching Fellow' in the Department of Computer Science and Engineering at University College of Engineering, BIT campus, Anna University, Tiruchirappalli - 620 024 from July 2013 to Till date.*
- *Working as a 'Visiting Faculty' in the Department of Electrical and Electronics at BIT campus Anna University of Technology, Regional Centre, Tiruchirappalli - 620 024 from September 2011 to June 2013.*
- *System Administrator/Professional Assistant I in the Department of Computer Applications, Anna University of Technology (Main Campus), Tiruchirappalli – 620 024 from September 2007 to August 2011.*

- *System Administrator/Professional Assistant I in the Department of Computer Science and Engineering, (From 16.02.2006 to 31.08.2007) @ Anna University, Chennai – 25.*
- Sales Engineer/Process Vacuum Division (From 05.10.98 to 01.04.2001) @ Toshniwal systems and Instruments Private Limited, Chennai – 10
- Technical Apprentice / Controls and Instrumentation (From 22.09.97 to 21.09.98) @ BHEL, Trichy – 14.
- Supervisor/Quality control (From 31.01.97 to 31.03.97) @ BHEL, Trichy – 14.
- Supervisor/Quality Assurance (From 25.10.95 to 10.01.97) @ M/s Seahorse Industries, Trichy – 21.

10. Research Guidance: -

11. Awards and Honours : -

12. Sponsored Projects: -

13. Patents: -

14. Publications

(i) Internationally Refereed Journals : (along with Impact Factor)

1. Anbalagan P , Shriram JB and Ragha Ranjani S has presented a paper entitled as “Enhancing the Security of Smart Grid Resources in Cloud Environment” in the International Conference on Communication and Security (ICCS2016) on 17<sup>th</sup> & 19<sup>th</sup> March 2016 at Pondicherry Engineering College and published in the Australian Journal of Basic and Applied Sciences. Pages: 224-230, ISSN:1991-8178&EISSN:2309-8414.
2. Anbalagan P , Shriram JB and Mathumitha M has presented a paper entitled as “Operational Impact of Renewable Energy Using Cloud Computing” in the International Conference on Futuristic Engineering, Science and Technology (ICFEST 2016) on 6<sup>th</sup> May 2016 at Agni College of Technology and published in the Journal of Recent Research in Engineering and Technology. Print Pages: 11-19, ISSN:2348-3431 & Online ISSN:2348-3539.
3. Rajasri A and Shriram JB has presented a paper entitled as “Efficient Content Based Image Search and Retrieval (CBIR) Using Sift Based On Multi Sort Indexing” in the National Conference on Innovation in Computing and Communication Technology (NCICCT '14) on 2<sup>1st</sup> March 2014 at Kongunadu College of Engineering and Technology and published in the International Journal of Engineering Research & Technology (IJERT). Print Pages: 203-207, ISSN: 2278-0181.

(ii) National Journals: -

(iii) International Conferences

1. **Shriram JB, Anbalagan P, and Chitra Devi S** has presented a paper entitled as “**A Comprehensive Assessment of Smart City based on Big Data and Smart Grid**” in the **International Conference on Emerging Trends in Electrical, Electronics and Communication Systems (ICEEECS'16)** on 24<sup>th</sup> to 26<sup>th</sup> September 2016 at University College of Engineering, BIT Campus, Tiruchirappalli - 620 024. Proceedings volume II, page No. 140 -145 and ISBN No. : 978-81-92112-89-3.
2. **Shriram JB and Kanimalar M** has presented a paper entitled as “**Virtual Slice Provisioning For Cost Optimization in Cloud Environment** ” in the **TEQIP-II Sponsored International Conference on Distributed Intelligent Computing** on 9<sup>th</sup> March 2016 at Pondicherry Engineering College, Page Nos. 1144 -1149.
3. **Shriram JB and Chitra T** has presented a paper entitled as “**Verification of an Program in Distributed System** ” in the **2<sup>nd</sup> International Conference on Engineering Technology and Science** on 5<sup>th</sup> and 6<sup>th</sup> March 2015 at Muthayammal College of Engineering, Rasipuram, Namakkal.
4. **Shriram JB and Pravin P** has presented a paper entitled as “**Network Defence and Counter measures in Cloud System** ” in the **International Conference on Dynamic Engineering and Science, Arrows Research And Development (ICDES'14)** on 19<sup>th</sup> and 20<sup>th</sup> April 2014 at Chennai Trade Centre, Nandambakkam, Chennai.
5. **Manikandan R and Shriram JB** has presented a paper entitled as “**Network Defence and Counter measures in Cloud System** ” in the **International Conference on Power Circuits and Communication** on 4<sup>th</sup> April 2014 at Mahath Amma Institute of Engineering and Technology, Pudukkottai. Proceedings volume II, page No. 96 -100 and ISBN No. : 978-81-928660-0-0
6. **Shriram JB** has presented a paper entitled as “**Efficient Content Based Image Search and Retrieval** ” in the **International Conference on Recent Innovations in Engineering** on 13<sup>th</sup> and 14<sup>th</sup> March 2014 at Sri Subramanya College of Engineering and Technology, Palani.

(iv) National Conferences

1. **Anbalagan P, Shriram JB , A.Seranma Devi and S.Subashini** has presented a paper entitled as “**Energy Efficiency in Smart Grid Using Cloud Computing : A Survey**” in the **National Conference on Recent Innovations in Information Technology (NCRIT'16)** on 17<sup>th</sup> & 18<sup>th</sup> August 2016 at University College of Engineering, BIT Campus, Tiruchirappalli - 620 024. Proceedings page No. 95-100 and ISBN No. : 978-93-80622-22-4.

2. **Shriram JB, Anbalagan P, and Chitra Devi S** has presented a paper entitled as “**Virtual Segment Allocation for Cost Optimization in Cloud Environment**” in the **National Conference on Communication and Computing Technology (NCCCT'16)** on 11<sup>th</sup> & 12<sup>th</sup> August 2016 at University College of Engineering, BIT Campus, Tiruchirappalli - 620 024. Proceedings page No. 105-111 and ISBN No. : 978-93-80622-19-4.
3. Participated in National conference on Electrical Systems and Renewable Energy (NESR'13) held at University College of Engineering, BIT Campus, Tiruchirappalli - 620 024 on 3<sup>rd</sup> May 2013.
4. Presented a paper entitled “**Fact Finding with Various Inconsistent Information Source on the Web**” in National conference on Emerging Trends in Advanced Computing held at Jayaram College of Engineering & Technology Trichy on 3<sup>rd</sup> May 2010.
5. **Shriram JB and Chitra T** has presented a paper entitled as “**Cache Based Model Checking for Distributed System**” in the **TEQIP II Sponsored two days Interdisciplinary - National Conference on Computational Intelligence and Fuzzy System (NCCIFS' 15)** on 22<sup>nd</sup> & 23<sup>rd</sup> January 2015 at University College of Engineering, BIT Campus, Tiruchirappalli - 620 024.
6. **Pravin P and Shriram JB** has presented a paper entitled as “**Network Defence and Counter measures in Cloud System**” in the **Fourth National Conference on Recent Advances in Power Electronics and Industrial Drives** on 6<sup>th</sup> & 7<sup>th</sup> March 2014 at Info Institute of Engineering, Coimbatore - 641 107.

**(V) Books Published with ISBN number/ISSN number -**

**14. CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE ATTENDED**

1. Attended two days Industrial Workshop on "**Business Analytics Using R**" organized by Department of Information Technology, on 02<sup>nd</sup> & 03<sup>rd</sup> September 2016 at University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024.
2. Attended two days Workshop on "**Probability and Random Processes**" on 5<sup>th</sup> & 6<sup>th</sup> March 2016 at University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024.
3. Attended one day National Workshop on "**Challenges in Big Data and Cloud Computing**" organized by Department of Computer Applications on 19<sup>th</sup> September 2014 at Sri Krishna College of Engineering and Technology, Coimbatore - 641 008.

4. Attended one day Workshop on "**Networking Technologies**" organized by Department of Computer Science and Engineering, on 16<sup>th</sup> February 2013 at University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024.
5. Attended two days "**Hands-on workshop on python programming**" organized by Centre for Academic Courses, Anna University, Chennai and sponsored by centre for faculty Development, Anna University, Chennai on 28<sup>th</sup> & 29<sup>th</sup> August 2017 at University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024.
6. Attended one day "**Workshop on Innovation and Communication Skills**" organized by Shri Dewang Mehta Foundation Trust, supported by NASSCOM and Anna University, Chennai on 15<sup>th</sup> September 2017 at University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024.

**15. CONFERENCES/WORKSHOPS/SEMINAR ORGANISED                      2**

**16. Other contribution (if any )                      -**

**Signature**

**HOD**

**Dean**