

## CV

**Name:** Dr. P. Syam Kumar  
**Designation:** Assistant Professor, IDRBT  
Hyderabad



**Research Interests:** Cloud Computing,  
Virtualization  
Cryptography and Network Security  
Parallel and Distributed Computing  
Object oriented Programming (OOP)  
Internet Technologies  
Internet of Things (IoT)

### **Education Details:**

Ph.D in Computer Science and Engineering (CSE) from Pondicherry University, Puducherry, 2013  
M Tech in Computer Science and Technology (CST) from Andhra University, Vishakhapatnam, 2006  
B.Tech in Computer Science and Engineering (CSE) from VAGE, Warangal, JNTU, 2003

### **Professional Experience:**

- Working as Assistant Professor in IDRBT from May. 2014
- Aug. 2013 – Apr. 2014: Assistant Professor, FST, IFHE, Hyderabad
- Aug. 2006- Oct. 2009: Assistant Professor, SSIT, JNTUH, Hyderabad

### **Research Publications:**

#### **Journals:**

1. Syam Kumar Pasupuleti, Subramanian Ramalingam, Rajkumar Buyya, "An Efficient and Secure Privacy-Preserving Approach for Outsourced Data of Resource Constrained Mobile Devices in Cloud Computing", Journal of Network and Computer Applications, Elsevier, vol. no.64, 2016, pp.11-22.
2. Syam Kumar Pasupuleti, "Effective and Secure Data Storage in Multi-Cloud Storage Architectures", Accepted for publication in International Journal of Information and Communication technology, InderScience Publications, 2015.
3. P. Syam Kumar, Marie Stanislas Ashok, Thamizh Selvam. D , Subramanian. R,"A Publicly Verifiable Dynamic Secret Sharing Protocol for Secure and Dependable Data Storage in Cloud Computing ", International Journal of Cloud Applications and Computing(IJCAC)", IGI Global Publications,Vol.2(3), July-September 2012, pp.1-25, ISSN: 2156-1826.
4. P. Syam Kumar, R. Subramanian, "RSA-based Dynamic Public Audit Service for Integrity Verification of Data Storage in Cloud Computing using Sobol Sequence" Security, Privacy and Trust in International Journal of Cloud Computing(IJCC) in InderScience Publications, Vol. 1 No.2/3, 2012, pp.167-200, ISSN (Online): 2043-9997.
5. P. Syam Kumar, R. Subramanian, "An efficient and Secure protocol for Ensuring Data Storage Security in Cloud Computing" International Journal of computer Science Issues(IJCSI), Volume 8, Issue 6, NoV-2011.

6. P. Syam Kumar, R. Subramanian, "Homomorphic Distributed Verification Protocol for Ensuring Data Storage in Cloud Computing". Information Journal, Vol. 14, No.10, pp.3465-3476, Oct-2011. ISSN : 1343-4500 ISSN: 1694-0814.

**Conferences:**

1. Anirudha Pratap Singh and Syam Kumar Pasupuleti "Optimized Public Auditing and Data Dynamics for Data Storage Security in Cloud Computing", accepted for 6th International Conference on Advances in Computing and Communications (ICACC-2016),2016.
2. Aditya Ranjan Malviya, Syam Kumar Pasupuleti, "On security of data storage in cloud computing via exact regenerating code". Proc. Of IEEE International Conference on Computing, Communication & Automation (ICCCA), 2015 International Conference, 15-16 May 2015, Noida, pp. 577-583
3. Sandeep Kumar, Syam Kumar Pasupuleti, "Secure and efficient design and implementation of out-of-band storage virtualization". Proc. of IEEE international conference on Advanced Computing Conference, 12-13 June 2015, Bangalore, pp.1021-1025, 2015.
4. Sorab Bhagat, Syam kumar Pasupuleti, "Simulated Raindrop Algorithm to Mitigate DDoS Attacks in Cloud Computing". Proceedings of the Sixth International Conference on Computer and Communication Technology 2015 ([ICCT '15](#)), ACM, pp. 412-418
5. Sasidher Chemisetty, Syam Kumar Pasupuleti, "LT -Hitchhiker's XOR framework for Cloud Storage Systems", IEEE INDICON-15, New Delhi, pp.1-6,2015
6. P. Syam Kumar, R. Subramanian and D. Thamizh Selvam, " An Efficient Distributed Verification Protocol for Data Storage Security in Cloud Computing, , *Proceedings of The IEEE 2nd International conference on Advanced Computing, Networking and Security- (ADCONS '13)* 15 – 17December 2013, NITK, Surathkal, India. 2013