



# Sri Venkateshwara College of Engineering

Vidya Nagar, Bengaluru – 562 157

Department of Information Science and Engineering

## FACULTY PROFILE

**NAME** : M.S.SATYANARAYANA

**QUALIFICATION** : B.Tech, M.Tech

**DESIGNATION** : Assistant Professor

**EXPERIENCE** : 7.5 Years

### **AREA OF SPECIALIZATION:**

- Data Science
- Big Data
- Image Processing
- Cryptography
- Multicore Architecture and Programming



### **RESEARCH ACTIVITIES:**

- Actively involved developing First **Indigenous Cryptography system** under the activities of VAAK-CART.
- Actively working on the project “ **Unique ID Generation**” under the domain **BIG DATA**.

### **PAPERS PUBLISHED:**

- Satyanarayana M.S “ **Reducing the Waiting Time at Toll Gates Using National E-Tolling System** “ International Research Journal of Advanced Engineering and Science ISSN: 2455-9024
- Satyanarayana M.S, Deepa K Pattan “**Augmenting Storage Performance of Systems with Improved Reliability**” International Journal of Information Technology and Computer Engineering e-ISSN:2394-8299.
- Aruna T M, M.S Satyanarayana, Madhurani M.S “**Homomorphic Encryption based Query Processing**”, International Journal of Engineering Research ISSN:2347-5013 volume No 4, Issue Special 5.
- Satyanarayana M.S, Deepa K Pattan “**Implementation of RFB Protocol and Thread Behaviour- Based Memory Management Framework to Improve the performance of Android Smart Phone**” International journal of research in science & Engineering e-ISSN:2394-8299 p\_ISSN:2394-8280 vol 1 Issue 3, pp 259-263.
- Published a paper in **International Journal for advanced Computer Science & Mathematics** titled “ **A Method of Ship Detection From Space borne Optical**

**Image** by **M. S. Satyanarayana<sup>1</sup> and G. Aparna<sup>2</sup>** ISSN 2230-9624. Vol 3, Issue 4, 2012, pp 535-540.

- Presented a paper on **USHER-Improving the quality of Dynamic Websites** in International Conference at M.G.R.University, Chennai.

#### **WORKSHOPS/FDP'S ATTENDED/ORGANIZED:**

- Attended a workshop on "**Excellent Research**" by Dr. Ashok Rao, Former Professor, IISC Bangalore.
- Organizing Member of "**Fourth national conference on Recent Advances in Science, Engineering and Technology**", Dept. of CS&E and IS&E, SVCE, Bangalore.
- Organized Soft Skills Program for CSI Forum Students.
- Organizing Member of Five days FDP on "**Hands on Session on Cloud Computing, Big Data, Information & Network Security and Storage area Network**", Dept. of CS&E, SVCE, Bangalore.
- Organizing Member of "**Third national conference on Recent Advances in Science, Engineering and Technology**", Dept. of CS&E, SVCE, Bangalore.
- Participated in the workshop on "**Faculty Pedagogical Development Programme**" organized by International Academy for Competency Enhancement, Bangalore.
- Presented a paper on "**Homomorphic encryption based Query Processing**" in 2<sup>nd</sup> International Conference on Convergent Innovative Technologies organized by Cambridge Institute of Technology, Bangalore
- Participated in Three Day workshop on "**Multicore Architecture , Multithreading & Programming**" organized by Department of CS&E, Acharya Institute of Technology, Bangalore.

#### **OTHER ACHIEVEMENTS:**

- Received Certificate of Appreciation from **IJITC** as the Valued Reviewer and has contributed to the quality and success of the journal.
- Resource Person of "**One Day Interactive Workshop on Latex and Parallel Programming**" organized by Dept. of CS&E, SVCE Bangalore.
- Received Certificate of Appreciation from **IJRISE** as the Valued Reviewer and has contributed to the quality and success of the journal in NCRASET-15.

#### **SUBJECTS HANDLED:**

- Computer Graphics and Visualization.
- DBMS.
- Multicore Architecture and Programming.
- C# Programming with .Net.
- Java.
- Web Programming.
- Design and Analysis of Algorithms.

- Compiler Design.
- Web Technologies.
- C with Data Structures.
- C++ with Data Structures.
- Optimization Techniques.
- Software Engineering.
- Management Information Systems for **MBA**.
- Artificial Intelligence and Neural Networks for **M.Tech (DECS)**.