


# Faculty Profile

| General                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
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| Name                                                                                             | Dr. Sanjay.H.M                                                                                                                                                                                                                                                                                                                                                                    |                            |                     |           |  |  |
| Designation, Department & Affiliated Institution                                                 | Associate Professor,<br>Department of Information Science & Engineering,<br>P.E.S College of Engineering,<br>Mandya – 571 401                                                                                                                                                                                                                                                     |                            |                     |           |                                                                                     |  |
| Research Area                                                                                    | Cloud Computing, Data Security and Networks                                                                                                                                                                                                                                                                                                                                       |                            |                     |           |                                                                                     |  |
| Contact Number                                                                                   | +91 9916729720                                                                                                                                                                                                                                                                                                                                                                    |                            |                     |           |                                                                                     |  |
| Email ID                                                                                         | <a href="mailto:sanjaymohankumar@pesce.ac.in">sanjaymohankumar@pesce.ac.in</a>                                                                                                                                                                                                                                                                                                    |                            |                     |           |                                                                                     |  |
| Academic Profile                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
| Educational Qualifications                                                                       |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
| Degree                                                                                           | College                                                                                                                                                                                                                                                                                                                                                                           | University                 | Year of Passing     | % ge      | Class                                                                               |  |
| Ph. D                                                                                            | SSAHE, Tumkur                                                                                                                                                                                                                                                                                                                                                                     | Siddhartha University      | 2019                | -         | -                                                                                   |  |
| M. Tech                                                                                          | UoB, England                                                                                                                                                                                                                                                                                                                                                                      | University of Bedfordshire | 2011                | 81        | A                                                                                   |  |
| B.E.                                                                                             | PESCE, Mandya                                                                                                                                                                                                                                                                                                                                                                     | VTU                        | 2008                | 61        | 1 <sup>st</sup> class                                                               |  |
| Professional Experience                                                                          |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
| Organization & dept.                                                                             | Designation                                                                                                                                                                                                                                                                                                                                                                       | Period                     | Total of Experience |           |                                                                                     |  |
| PESCE, Mandya                                                                                    | Assistant Professor (CSE)                                                                                                                                                                                                                                                                                                                                                         | 05/02/2012 – Oct 2019      | 7 years 8 months    |           |                                                                                     |  |
|                                                                                                  | Associate Professor                                                                                                                                                                                                                                                                                                                                                               | October 2019- till date    | 1 year              |           |                                                                                     |  |
| Report of Work                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
| Teaching<br>(Details of courses taught)                                                          | <u>Undergraduate:</u> Unix and Shell Programming, Data Communications, Object Oriented Programming with C++, Object Oriented Modeling and Design, Software Engineering, Data Structures, Multimedia Computing, C# and .NET Technologies, Software Testing,<br><u>Post Graduate (M. Tech):</u><br>Cloud Computing, AWS Architecture, Grid Computing and Computer Networks Advances |                            |                     |           |                                                                                     |  |
| Research Guidance<br>(Ph.D /M.Sc Engg Student awarded & pursuing )                               | Awarded                                                                                                                                                                                                                                                                                                                                                                           |                            | Pursuing            |           |                                                                                     |  |
|                                                                                                  | Ph.D                                                                                                                                                                                                                                                                                                                                                                              | M.Sc Engg                  | Ph.D                | M.Sc Engg |                                                                                     |  |
|                                                                                                  | --                                                                                                                                                                                                                                                                                                                                                                                |                            | --                  |           |                                                                                     |  |
| Sponsored Research<br>(List of Projects taken up/completed and funds receiver & funding sources) | Completion of testing report assignment for GESCOM and received the individual grant of 3.4 lakhs from SK high voltage solutions, Bangalore, Karnataka, India                                                                                                                                                                                                                     |                            |                     |           |                                                                                     |  |
| Publications                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                   |                            |                     |           |                                                                                     |  |
| Papers in Refereed Journals<br>(No.)                                                             | National                                                                                                                                                                                                                                                                                                                                                                          |                            | International       |           |                                                                                     |  |
|                                                                                                  | 02                                                                                                                                                                                                                                                                                                                                                                                |                            | 08                  |           |                                                                                     |  |
| Papers at Conferences (No.)                                                                      | National                                                                                                                                                                                                                                                                                                                                                                          |                            | International       |           |                                                                                     |  |
|                                                                                                  | 06                                                                                                                                                                                                                                                                                                                                                                                |                            | 08                  |           |                                                                                     |  |

## LIST OF PUBLICATIONS

| Title of the paper                                                                                                  | Conference                     | Proceedings                                                                                                              | Page number | Citation | Journal details                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Flocking based trust management for cloud security                                                                  | International                  | THE IRES INTERNATIONAL CONFERENCE, Google scholar Volume 5 IRAJ DOI Number - IJACSCC- IRAJ- DOI-7568                     | 11-15       | 6        | International Journal of Advances In Computer Science and Cloud Computing, ISSN: 2321-4058 Volume-5, Issue- 1, 17 -May.-2017               |
| A Consensus Algorithmic Approach to identify multiple target nodes in Cloud Environment using Navigational Feedback | National                       | Conference Organized by: BGS Institute of Technology, Karnataka, INDIA<br><br>Issue -110 Volume 39                       | 61-66       | 2        | International journal of scientific progress and research (ijspr) issn: 2349-4689                                                          |
| Point of time analysis for target identification time using flock and feedback approach in cloud environment        | International                  | 39th International Conference on Innovative Research in Engineering, Science & Technology<br><br>17-Special Issue, 2017  | 1774-1784   | 1        | Scopus SJR Special issue- 17<br><br>ISSN 1943-023X                                                                                         |
| <u>Feedback-Based Swarm Optimization for Optimized Decision Making in Unsecured Mobile Cloud Coordinated</u>        | International<br><br>Year 2019 | Emerging Research in Electronics, Computer Science and Technology: Proceedings of International Conference, ICERECT 2018 | 129         |          | Springer<br><br>volume 545, DOI<br><a href="https://doi.org/10.1007/978-981-13-5802-9_12">https://doi.org/10.1007/978-981-13-5802-9_12</a> |

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|--------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|---------------------|--|-------------------------------------------------------------------------------------------------------------------|
| Hybrid indexing scheme for Preserving medical data in Mobile cloud environment | National<br><br>Year 2019  | The Second National Conference on Advances in Information Technology and Computing | ISSN:<br>2349-5162; |  | Paper ID:<br>JETIRBR06010<br><br>UGC Journal:<br>Journal of Emerging Technologies and Innovative Research (JETIR) |
| Survey on block chain technology in collaboration with cloud platform          | 2019 JETIR<br>November 201 |                                                                                    | ISSN-<br>2349-5162  |  | Volume 6,<br><br>www.jetir.org                                                                                    |
| Setting Up CICD Pipeline For Web Development Project in Cloud                  | Year MAY<br>2019           |                                                                                    | ISSN:<br>2454-9150  |  | (IJREAM)<br><br>Vol-05, Issue-02<br>DOI :<br>10.35291/2454-9150.2019.0091                                         |