## Profile

| | |
|---|---|
| **Name of the Faculty** | Dr K Srinivas |
| **Designation** | Professor |
| **Department** | Information Technology |
| **Area of Interest** | Artificial Intelligence, Machine Learning, Data Mining, Data Science and Information Retrieval. |
| **Subjects Taught** | Artificial Intelligence, Web Technologies, C Programming |
| **JNTUH Registration Id** | 40150406-151446 |
| **College Staff Code** | SC0114 |
| **Official Mail** | srinivaskatkam@gcet.edu.in |

## Educational Qualifications:

| S. No. | Degree | Specialization | University/College | Year |
|---|---|---|---|---|
| 1 | SSC | SSC | SSC | 1994 |
| 2 | Intermediate | MPC | Intermediate Board | 1996 |
| 3 | B.Tech. | CSE | S.R.T.M. University | 2000 |
| 4 | M.Tech. | CSE | Jawaharlal Nehru Technological University, Ananthapur | 2005 |
| 5 | Ph.D | CSE | Jawaharlal Nehru Technological University, Hyderabad | 2015 |

## Paper Publications:

| S. No. | Publication details |
|---|---|
| 1 | Published patent titled "ATG - System: Automatic Ticket Generation System" on 13th September, 2019 Patent Number: 201821008724A |
| 2 | Published patent titled "Secure Data Exchange in Data Center Using AI Programming" on 13th March, 2020 Patent Number: 202041010194 |

| | |
|---|---|
| 3 | Published patent titled "Method for Heart-Diseases Classification Based On ECG Image Analysis Through Deep Learning Model" on 5th June, 2020 Patent Number: 202041020749 |
| 4 | Published patent titled "A Frame work for Intelligent Assessment of Sentiments on Tweets of Indian Railways" on 30th April, 2021 Patent Number: 202141018076A |
| 5 | **K. Srinivas**, L. Kiran Kumar Reddy and A. Govardhan "A Theoretical Approach to Link Mining for Personalization", *International Journal of Computer Science Issues.* ISSN: 1694-0784 Volume 7, Issue 3, May, 2010, pp. 41-44 |
| 6 | Jammi Ashok, Y. Raju, S. Munishankaraiah and **K. Srinivas** "Steganography: An Overview", International *Journal of Engineering Science and Technology.* ISSN: 0975-5462 Volume 2, Issue 10, 2010, pp. 5985-5992. |
| 7 | **K. Srinivas**, P.V.S. Srinivas and A. Govardhan "A Survey on the Performance Evaluation of Various Meta Search Engines", *International Journal of Computer Science* Issues. ISSN: 1694-0814 Volume 8, Issue 2, May, 2011, pp. 359-364 |
| 8 | **K. Srinivas**, P.V.S. Srinivas and A. Govardhan "Web Service Architecture for a Meta Search Engine", *International Journal of Advanced Computer Science and Applications.* ISSN: 2156-5570 Volume 2, Issue 10, October, 2011, pp. 31-36. |
| 9 | **K. Srinivas**, P.V.S. Srinivas, A. Govardhan and V. Valli Kumri "Periodic Web Personalization for Meta Search Engine", *International Journal of Computer Science & Technology.* ISSN No: 0976-8491 Volume 2, Issue 4, October–December 2011, pp. 195-200. |
| 10 | **K. Srinivas,** V. Valli Kumari and A. Govardhan "Multi Similarity Measure based Result Merging Strategies in Meta Search Engine", *ACEEE International Journal on Information Technology.* ISSN No: 2158-0138 Volume 3, Issue 2, June, 2013 pp. 90-97. |
| 11 | **K. Srinivas,** V. Valli Kumari and A. Govardhan "Web Search Results Personalization Taxonomy and Curent State of Art" International Journal of Computer Science Research, Volume 2, Issue 4, December, 2014. |
| 12 | Y. Raju, **K. Srinivas** and V. Shivanarayan Reddy "A Survey on Web Based Page Ranking Algorithms for Information Retrieval", International Journal of Computer Application and Engineering Technology. ISSN: 2277-7962, Volume 4, Issue 1, January, 2015, pp. 296-303. |

| 13 | Thota Naresh Kumar, **K. Srinivas** and Y. Raju "Decentralized Access Control Secure Cloud Storage using Key Policy Attribute Based Encryption", International Journal of Computer Science Information and Engineering Technologies. ISSN 2277-4408, Volume 2, Issue 5, May, 2015. |
|----|---|
| 14 | Mridula Ranjan Pandit, Y. Raju and **K. Srinivas** "Detection of Misbehavior Activities in Trust Providence in Delay Tolerant Networks", International Journal of Computer Science Information and Engineering Technology, ISSN 2277-4408, Volume 2, Issue 5, May, 2015. |
| 15 | Guntuka Pravalika, **K. Srinivas,** Y. Raju, "A Feasibility of Comparative Data Availability and Integrity Verification in Multi-Cloud Server", International Journal of Computer Science and Engineering Technology ISSN 2277-4408, Volume 2, Series 1, May, 2015. |
| 16 | Ravurukula Sravanthi, **K. Srinivas**, Y. Shiva, "Hybrid Containment of Detection of Proximity Malware in Delay Tolerant Network", International Journal of Computer Science and Engineering Technology ISSN 2277-4408, Volume 2, Series 1, May, 2015. |
| 17 | Suresh Reddy Solipuran, Y. Raju and **K. Srinivas**, "Improvisation of Keyword Search for Effective Retrieval of Information", International Journal of Advanced Research in Engineering and Science, ISSN 2347-9337, Volume 3, Issue 6, June, 2015, pp. 1961-1965. |
| 18 | Medi Kiran Kumar, K. Naresh Babu, **K. Srinivas,** "Client-Side Privacy Protection Framework for Personalized Web Search", International Journal of Professional Engineering Studies, Volume 5, Issue 1, June, 2015, pp. 77-81. |
| 19 | K. Mahesh, Y. Siva, **K. Srinivas,** "An Effectual Approach Towards Responding Nearest Neighbor Queries", International Journal of Advanced Research in Engineering and Science, ISSN 2347-9337, Volume 2, Issue 6, June, 2015, pp. 1956-1960. |
| 20 | **K. Srinivas,** "Understanding of Big Data Analytics in real world and current perspective", International Journal of Computer Application and Engineering Technology, ISSN 2277-7962, Volume 5, Issue 3, July, 2016, pp. 367-377. |
| 21 | P. Anuradha, **K. Srinivas,** "Big data benchmark from internet of things paradigm for building dataparalel programming models", International Journal of Technical and Scientific Research, ISSN 2319-9245, Volume 6, Issue 11, September, 2016. |

| 22 | V. Hari Vardhan Reddy, Y. Raju, **K. Srinivas,** "Designing business models in internet of things", International Journal of Technical and Scientific Research, ISSN 2319-9245, Volume 6, Issue 11, September, 2016, pp. 345-350. |
|----|----|
| 23 | P. Sai Kiran, **K. Srinivas,** "Towards scalable systems for big data analytics: architecture of big data Ecosystem", International Journal of Technical and Scientific Research, ISSN 2319-9245, Volume 6, Issue 11, September, 2016, pp. 11-16. |
| 24 | V. Harivardhan Reddy, **K. Srinvas,** Y. Raju**,** "Semi-blind reversible watermarking technique for relational data", International Journal and Magazine of Engineering Technology, Management and Research, ISSN 2348-4845, Volume 3, Issue 9, September, 2016, pp. 1019-1024. |
| 25 | P. Anuradha, **K. Srinivas,** "Optimal keyword cover search", International Journal and Magazine of Engineering Technology, Management and Research, ISSN 2348-4845, Volume 3, Issue 9, September, 2016, pp. 1012-1018. |
| 26 | P. Sai Kiran, **K. Srinivas,** "XML keyword search for proposed diversification model", International Journal and Magazine of Engineering Technology, Management and Research, ISSN 2348-4845, Volume 3, Issue 9, September, 2016, pp. 1025-1032. |
| 27 | G Sandeep**, K Srinivas**, "Map reduce job classification for increasing data locality and improving job performance", International Journal of Professional Engineering Studies, ISSN 2349-3585 Volume-08, Issue-03, February, 2017, pp. 85-89. |
| 28 | R. Deepthi, **Dr. Srinivas Katkam**, "Public Key Cryptography Based on Steganography", International Journal for Research and Development in Technology, ISSN 2349-3585 Volume-7, Issue-4, April, 2017, pp. 878-883. |
| 29 | R. Deepthi, D. Sai Eswari, Afreen Rafiq and **K. Srinivas** "SSAAR: Enhanced Spatial Reusability for Optimal Path Selection in Wireless Sensor Networks", Indian Journal of Science and Technology, ISSN(Print) 0974-6846 ISSN(Online) 0974-5645 Volume 10, September 2017, pp. 1-6. |
| 30 | **K.Srinivas**, M.A. Jabbar, K.S. Neeraja "Sensors in IoE: A Review", International Journal of Engineering and Technology (Scopus), July, 2018, pp. 158-160. |
| 31 | **K. Srinivas**, V Shivanarayana Reddy, Bakkolla Navya "Advanced Efficient Energy Method Query Processing" International Journal of Recent Technology and Engineering (Scopus Indexed Journal), ISSN: 2277-3878, Volume-8 Issue-2, July 2019, pp.344-348. |

| 32 | **K. Srinivas**, V Shivanarayana Reddy, B Ramya "Recommendation of online Products Using Microblogging Information in Social Media" International Journal of Innovative Technology and Exploring Engineering (Scopus Indexed Journal), ISSN: 2278-3075, Volume-8 Issue-10, August, 2019, pp.473-477. |
|---|---|
| 33 | Dr. P Lalitha Surya Kumari, **Dr. K. Srinivas**, O Sreevani "Smart Home Security Environment System Environment with Human Face Recognition by using Remove Technology" Journal of Natural Remedies (Scopus Indexed Journal), ISSN: 2320-3358, Volume-21 Issue-06, August, 2020, pp.405-412. |
| 34 | **K Srinivas** "Prediction of E-Learning Efficiency by Deep Learning in E-Khool Online Portal Networks" International Journal of Multimedia Research, Resbee Publishers, ISSN: 2582-547X, Volume 03, Number 4, September, 2020, pp. 12-23. |
| 35 | **K Srinivas** "Cluster Based Dense using Hybrid Genetic and Grasshopper Optimization algorithm in WSN" International Journal of Networking and Communication Systems, Resbee Publishers, ISSN: 2582-3817, Volume 04, Number 03, July, 2021, pp. 25-34. |
| 36 | **Dr. K. Srinivas,** T. Swathi, Dr. A. Hari Prasad Reddy "Occluded Facial Expression Recognition using ALEXMET" Palarch's Journal of Archaeology of Egypt/Egyptology (Scopus Indexed Journal), ISSN: 1567-214X, Volume-8 Issue-10, August, 2021, pp. 1570-1595. |
| 37 | Dr. A. Hari Prasad Reddy, P Nanda Sai, and **Dr. K. Srinivas** "A Deep Learning Approach for Semantic Segmentation in Brain Tumor Images" European Journal of Molecular and Clinical Medicine (Scopus Indexed Journal), ISSN: 2515-8260 Volume-18, Issue-04, 2021, pp. 1471-1484. |
| 38 | A. Srinivas, K. Sasidhar, **Katkam Srinivas** and A. Venkat Ramana "A Study on Text Categorization", *International Conference on Systemics, Cybernetics and Informatics,* during January 2011 pp 545-547. |
| 39 | **K. Srinivas**, P.V.S. Srinivas, A.Govardhan and V. Valli Kumari "Search Engine Selection Approaches in Meta Search Engine" *National Conference on Computational Intelligence and Applications* February 2012 pp 209-212. |
| 40 | Tulja Bavani Singh, Sreedhar Reddy and **K. Srinivas** "An Empirical Evaluation of Software Project Risk Management" *International Conference on Advancements in Engineering and Technology* February 2012. |

| 41 | **K. Srinivas**, A. Govardhan, V.Valli Kumari and P.V.S. Srinivas "Concept Similarity and Cosine Similarity Result Merging Approaches in Metasearch Engine" *Springer International Conference on Recent Trends in Information Telecommunication and Computing* August 2012 pp 54-63 and the conference proceedings is published by **Springer LNEE** and is available in Springer Digital Library. |
|---|---|
| 42 | **K. Srinivas**, V. Valli Kumari and A. Govardhan "Result Merging Using Modified Bayesian Method for Meta Search Engine", *IEEE World Congress on Information and Communication Technology,* November 2012, pp.892-896. And published in the conference proceedings and available in **IEEE – Xplore Digital Library.** |
| 43 | M. A. Jabber, **K. Srinivas,** S. Sai Satyanarayana Reddy, "A Novel Intelligent Ensemble Classifier for Network Intrusion Detection System", 8th International Conference on Soft Computing and Pattern Recognition, December, 2016 and the conference proceedings is published by **Springer LNEE** and is available in Springer Digital Library. |

**Books/Book Chapters Published:**

| S. No. | Publication details |
|---|---|
| 1 | Get Ready for Placements, Uma Publications, Print ISBN 978-81-920425-3-4 in 2012 |
| 2 | Thinking Web Technologies, Uma Publications, Print ISBN 978-81-937011-6-4 in 2018 |

**Experience:**

| Teaching | 22 |
|---|---|
| Industry | - |
| Research | 5 |
| Total Experience | 22 |