

Personal Information

Name	Dr. Srinivasa Reddy Konda
Years of Experience	Teaching: 16 Years Research: 10 Years Industry: NIL
Email Id	cse.hod@bvrithyderabad.edu.in srinivasareddy.k@bvrithyderabad.edu.in
Areas of Specialization	Image Processing, Machine Learning, Data Science, Deep Learning, Algorithms



Date of Joining: 26 August, 2020

Educational Qualifications

Doctoral Degree	Ph.D.	Faculty of Computer Science & Engineering from Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.
PG Degree	M.Tech.(CSE)	SRM Institute of Science and Technology, Chennai, Tamilnadu.
UG Degree	B.Tech.(CSE)	JNTU Hyderabad.

Patents:

1. Srinivasa Reddy. K, et al “An Enhanced Process of Split Payment Transaction and Management (SPTM) System”, Australian Government IP Australia, Application number: 2020103398, Dated: 13 January, 2021
2. Srinivasa Reddy. K, et al “An electronic-Filling of Deposit and Withdrawal Forms (e-FDWF) device for Visually Impaired and Illiterate People in Banks”, Patent Office Journal No. 46/2020, Application number: 202041048269, Dated: 13 November, 2020
3. Srinivasa Reddy. K, et al “Real Time Parking Space Prediction System”, Patent Office Journal No. 44/2020, Application number: 202041045574A, Dated: 30 October, 2020
4. Srinivasa Reddy. K, et al “Real Time Crop Monitoring Using Internet of Things (IoT) Based Precision Agriculture”, Patent Office Journal No. 06/2020, Application number: 202041004551, Dated: 7 February, 2020
5. Srinivasa Reddy. K, et al “Apparatus to detect physical properties and physical characteristics of a cloth”, Patent Office Journal No. 38/2018, Application number: 201841033886A, Dated: 21 September 2018

Books Publishes / Book Chapters / Monographs:

1. Srinivasa Reddy. K, et al “Android App for Visual Representation of Data Structures”, Paperback: 56 pages, Publisher: Lap Lambert Academic Publishing (February 02, 2018), ISBN: 978-6138238133
2. Srinivasa Reddy. K, et al “Dual Steganography - For Hiding Text in Video by Linked List Method”, Paperback: 76 pages, Publisher: Lap Lambert Academic Publishing (September 11, 2019) ISBN: 978-6200311849.
3. Srinivasa Reddy. K, et al “Cloud Computing fundamentals”, Paperback: 26 pages, Publisher: Lap Lambert Academic Publishing (September 09, 2019), ISBN: 978-6200092120.
4. Srinivasa Reddy. K, et al “Cloud Computing principles and practices”, Paperback: 56 pages, Publisher: Lap Lambert Academic Publishing (October 09, 2019), ISBN: 978-6200325853.
5. Srinivasa Reddy. K, et al “Facial Expression Recognition by Considering Nonuniform Local Binary Patterns” Springer Nature Singapore Pvt Ltd. 2019, Emerging Research in Computing, Information, Communication and Applications, ERCICA 2018, Volume 2, Advances in Intelligent Systems and Computing, 906, pp 645-658, Springer Nature Singapore Pvt Ltd. 2019, ISSN: 2194-5357, ISBN 978-981-13-6001-5 (eBook), <https://doi.org/10.1007/978-981-13-6001-5>
6. Srinivasa Reddy. K, et al “The Evolution of Cloud Computing and Its Contribution with Big Data Analytics” Innovative Data Communication Technologies and Application, ICIDCA 2019, Lecture Notes on Data Engineering and Communications Technologies, Volume 46, pp. 332–341, 2020. Springer Nature Switzerland AG 2020, ISSN: 2367-4512, ISBN 978-3-030-38040-3 (eBook), <https://doi.org/10.1007/978-3-030-38040-3>

Papers Published

International Journal Publications

2020-2021

1. Srinivasa Reddy, K. et al, “Efficient steganalysis using convolutional auto encoder network to ensure original image quality”, PeerJ Computer Science, E-ISSN: 2376 - 5992, 16 February, 2021, doi: <https://doi.org/10.7717/peerj-cs.356>, (SCIE Indexed, Impact factor: 3.09)
2. Srinivasa Reddy, K. et al, “Internet of Things (IoT) security threats and its countermeasures”, International Journal of Advanced Research in Engineering and Technology (IJARET), Vol. 11, Iss. 8, pp: 139-150 (August 2020), ISSN: 0976-6499, DOI: 10.34218/IJARET.11.8.2020.014 (Scopus Indexed, Cite Score: 0.1)
3. Srinivasa Reddy, K. et al, “An expert system to distinguish drug addicts using id3 algorithm”, International Journal of Psychosocial Rehabilitation, Vol. 24, Iss. 06, 2020, pp: 6063 – 6071, ISSN: 1475-7192, (Scopus Indexed, Cite Score: 0.3)

2019-2020

4. Srinivasa Reddy, K. et al, "Texture filtration module under stabilization via random forest optimization methodology", International Journal of Advanced Trends in Computer Science and Engineering, 8(3), pp. 458-469, 2019. ISSN: 2278-3091, DOI: 10.30534/ijatcse/2019/20832019 (Scopus Indexed, Cite Score: 1.5)
5. Srinivasa Reddy, K. et al, "Effective technique based on intensity huge saturation and standard variation for image fusion of satellite images" International Journal of Engineering and Advanced Technology, 8(5), pp. 291-295, 2019. ISSN: 2249-8958 (Scopus Indexed)

2018-2019

6. Srinivasa Reddy, K. et al, "A Secure Information Distributing Scheme in Mobile Cloud Computing Environment", International Journal of Research in Electronics and Computer Engineering (IJRECE) Vol. 6 Iss. 4 (October- December 2018), pp. 733-739, ISSN: 2348-2281. (UGC, Impact Factor: 0.54)

2017-2018

7. Srinivasa Reddy, K. et al, "Performance Assessment of Fuzzy and Neuro Fuzzy Based Iterative Image Fusion of Medical Images", Journal of Theoretical and Applied Information Technology, Vol.96, No.10, pp. 3061- 3074, May, 2018, ISSN: 1992-8645. (Scopus Indexed, Cite Score: 1.2)
8. Srinivasa Reddy K, "A New Approach for Facial Expression Recognition using Non-Uniform Local Binary Patterns" International Journal of Computer and Mathematical Science (IJCMS), Vol. 7, Iss. 3, pp. 20-29, March, 2018, ISSN: 2347-8527 (UGC, Academic Science Publishers, Impact Factor: 2.58)
9. Srinivasa Reddy K, "Visualization of web page ranking", International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Vol. 5, Iss. 4, pp. 77-81, April, 2018, ISSN: 2394-2320 (UGC, Academic Science Publishers, Impact Factor: 2.58)

2016-2017

10. Srinivasa Reddy, K. et al, "Face Recognition using Multi Region Prominent LBP Representation," International Journal of Electrical and Computer Engineering (IJECE), Vol. 6, Iss. 6, pp. 2781-2788, December, 2016, ISSN: 2088-8708, DOI: 10.11591/ijece.v6i6.12006, (Scopus Indexed, Cite Score: 0.32)
11. Srinivasa Reddy, K. et al, "A Method for Facial Recognition based on Local Features", International Journal of Mathematics and Computation (IJMC), Vol. 27, Issue No. 03, pp.98-112, 2016, ISSN: 0974-570X (CIS, ISI Indexed)

2015-2016

12. Srinivasa Reddy, K. et al, "Face Recognition based on Texture Features using Local Ternary Patterns", International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol. 7, No. 10, pp.37-46, September, 2015, ISSN: 2074-9082, DOI: 10.5815/ijigsp.2015.10.05 (Google Scholar, EBSCO Indexed, Impact Factor: 0.72)
13. Srinivasa Reddy, K. et al, "Face Recognition using prominent LBP Model", International Journal of Applied Engineering Research (IJAER), Volume 10, Number 2, pp.4373-4384, 2015, ISSN: 1087—1090, (UGC, Scopus Indexed, Impact Factor: 1.823)

14. Srinivasa Reddy, K. et al, “Facial Recognition using the combination of significant non uniform local binary patterns”, ICGST-Graphics Vision and Image Processing (GVIP), Volume 15, Issue 1, pp.1-8, June, 2015, ISSN: 1687-3998 (ISI Indexed, Impact Factor: 1.969)
15. Srinivasa Reddy, K. et al, “A Study on Peer Relative Market Strength Extraction”, Research Journal of Computer Systems & Engineering, Vol. 02, Issue 02, pp.64-73, July, 2011, ISSN: 2230 – 8571.

International Conference Publications

1. Srinivasa Reddy. K et al, “Image Processing based Cancer Detection Techniques using Modern Technology - A Survey”, 5th International Conference on Communication and Electronics Systems (ICCES), 2020, 10-12 June 2020, Publisher: IEEE, DOI: 10.1109/ICCES48766.2020.9137997, ISBN: 978-1-7281-5371-1, Scopus Source ID: 21100810605.
2. Srinivasa Reddy. K et al, “The Imperative Emergence of Information and Network Security”, IEEE International Conference for Emerging Technology, Belagavi, India, IEEE Conference Record No-49848, 05th June – 07th June 2020, 978-1-7281-6221-8/20,© 2020, IEEE.
3. Srinivasa Reddy. K et al, “The Survey on Cancer Detection Techniques using Modern Technology” Accepted in 4th International Conference on Communication and Electronics Systems (ICCES 2019) is being organized on July 17-19, 2019 at Coimbatore, India.
4. Srinivasa Reddy. K et al, “The Evolution of Cloud Computing and Its Contribution with Big Data Analytics”, Innovative Data Communication Technologies and Application. ICIDCA 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 46. Springer, Cham. https://doi.org/10.1007/978-3-030-38040-3_38, 31 January 2020, ISBN: 978-3-030-38040-3, pp 332-341.
5. Srinivasa Reddy. K et al, “Internet of Things (IoT) Security threats and its Countermeasures.” 4th International Conference on, Applied and Theoretical Computing and Communication Technology, (iCATccT - 2018), Karnataka, India, IEEE Part Number: CFP18D66-USB, IEEE Conference Record #44854, PP: 6–8 September 2018
6. Srinivasa Reddy. K “A New Approach for Facial Expression Recognition using Non-Uniform Local Binary Patterns”. International Conference on Innovative Research in Engineering Science, Management and Humanities (ICIRESMH), at The Institution of Engineers India (IEI), Visvesvaraya Bhavan, Hyderabad, Telangana, India, pp: 20-29, 2018, ISBN: 978-93-87433-16-8
7. Srinivasa Reddy. K et al, “A Novel Method for Face Recognition Based on Variants of Non-Uniform Local Binary Pattern”, International Conference on Advanced Computer Technology & Developments, 18-19th July-2014, Godavari Institute of Engineering and Technology, Rajahmundry
8. P. Anil Kumar, K. Srinivasa Reddy, “Multicast Data Transfer to Electronic Display Board’s (EDB) through VSAT”, International Conference on Innovations in Computer Science & Engineering (ICICSE-2013) organized by Guru Nanak Institutions Technical Campus and Guru Nanak Institute of Technology, from 20th to 21st September, 2013.

9. M. Manasa Devi, K. Srinivasa Reddy, B.V. Kiranmayee, G. Ramesh Chandra “Eye State Detection and Analysis for Driver’s Fatigue”, International Conference on Systems, Cybernetics and Informatics (ICSCI-2012) organized by Pentagram Research Centre Pvt. Ltd., Andhra Pradesh, India from 15th to 18th February, 2012
10. “ICACM-2011” Attended 1st International Conference on Advanced Computing Methodologies from 9th & 10th December – 2011 organized at GRIET, Hyderabad
11. “InDaS-2014” Attended 1st International Conference on Data Sciences from 26th -28th 2014 organized by Departments of Computer Science & Engineering and Information Technology, VNR VJIET, under TEQIP-II

FDP’s Attended / Conducted

1. Faculty Development Program on “Data Science”, organized by EXCELR and Telangana Association for Skill and Knowledge (TASK) from 1st July, 2020 to 24th July, 2020.
2. “Productivity tools for Teaching & Learning Enhancement”, One-week online workshop, organized by Human Resource Development Centre, University of Hyderabad during 06-11 July, 2020.
3. Faculty Development Programme on Entrepreneurship” under DST-NIMAT Project 2018- 2019 from 16th November, 2018 to 29th November, 2018 organized by Entrepreneurship Development Institute of India (EDII) and National Implementing and Monitoring Agency for Training (NIMAT) at Institute of Aeronautical Engineering
4. “Open Source Software (Python, Scilab, Drupal) through Spoken Tutorials”, One Week Faculty Development Program at BVRIT Hyderabad College of Engineering for Women, Hyderabad in collaboration with Spoken Tutorial Project, IIT Bombay from 04th to 10th November, 2016
5. “Deep Learning for Visual Computing (WDLVC)”, TEQIP Workshop, organized by Visual Learning and Intelligence Group (VIGIL), Department of Computer Science and Engineering, IIT HYDERABAD, from 20th to 25th June, 2016, under TEQIP-II
6. “Train the Trainer Program”, Technical Learning Services Training Program conducted by Tech Mahindra for Learn from Campus / Home organized at Mahindra Campus, Bahadurpally Hyderabad from 22nd to 24th March, 2016
7. “Innovation in Technology”, one day workshop at Jawaharlal Nehru Technological University Anantapur (JNTUA), Ananthapuramu on 9th December, 2015
8. "Big Data and Data Analytics", one day workshop at BVRIT HYDERABAD College of Engineering for Women, Hyderabad from 12th to 13th September, 2014
9. “Digital Forensics & Information Security”, Faculty Development Programme held at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad on 15th November, 2013
10. “Network Security and Cyber Forensics”, a three-day workshop conducted by Department of Computer Science & Engineering from 23rd to 25th October, 2013 under TEQIP-II
11. “Programming Design with Map code” organized by Department of Information Technology, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 27th to 29th May, 2013 under TEQIP-II
12. “Skill Up gradation on Open Source Platform (LINUX)” organized by Department of Computer Science & Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from May 17th to 18th May, 2013 under TEQIP-II

13. "Research Publications and Documentation" organized by Department of Computer Science & Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad on 4th May, 2013 under TEQIP-II.
14. "Research Methodology" organized by Research & Development Cell, Jawaharlal Nehru Technological University Anantapur (JNTUA), Ananthapuramu from 20th to 25th August, 2012
15. "Entrepreneurship", Faculty Development Programme organized by Entrepreneurship Development Cell of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 18th to 29th June, 2012
16. "Testing and Testing tools" Faculty Development Workshop organized by Cognizant Technology Solutions, Hyderabad on 30th March, 2012
17. "A National Workshop on Market-Oriented Cloud Computing and the Aneka Platform", UGC Sponsored Faculty Development Program organized by Department of Computer Science and Engineering, JNTUA College of Engineering, Anantapur, on 27th December, 2011
18. "A National Seminar on Image Processing and Applications", UGC Sponsored, organized by Department of CSE, University College of Engineering & Technology, Acharya Nagarjuna University, Guntur from 3rd to 4th December, 2011
19. "MATLAB for Technical Computing", Faculty Development Program, organized by Chaitanya Institute of Engineering & Technology, Rajahmundry, from 8th to 9th September, 2011
20. "Cryptographic Algorithms & Network Security", a one-day seminar organized by Centre for Development of Advanced Computing (CDAC) and JNTUH, Hyderabad on 4th September, 2010
21. "Network Programming & Simulators", A Six-day workshop conducted by G. Narayanamma Institute of Science and Technology, Hyderabad and sponsored by AICTE, from 5th to 10th July, 2010
22. "Faculty Updation Training Utilizing R&D Expertise (FUTURE) with Specialization in System Software" organized by C-DAC, Hyderabad as part of Manpower Development for Software Industry Program of HRD Division, Department of Information Technology, Government of India, at Centre for Development of Advanced Computing (C-DAC), Hyderabad for a period of 4 weeks from 12th May to 06th June, 2008
23. "Certificate of Participation as Faculty Mentor" for helping the students to successfully complete their project under "The Great Mind Challenge-2007", a national Level software development program by IBM.
24. "Foundations of Information Security", organized as part of Information Security Education Awareness Project (ISEAP), MCIT, DOE, Government of India, New Delhi by the Department of CSE, NIT, Warangal from 1st to 5th October, 2007
25. "Information Security", A Five-day workshop conducted by G. Narayanamma Institute of Science and Technology, Hyderabad from 26th to 30th November, 2007
26. "Program Optimization for Multi-core Architectures", a short-term course conducted by the Department of Computer Science and Engineering, IIT-Kanpur from 2nd to 7th July, 2007
27. "Ethical hacking and Cyber Security", a Five-Day National Level Online Faculty Development Programme, at Department of Information Technology, Institute of Aeronautical Engineering from 23 – 27 May, 2020.

28. “Machine Learning with Python in IBM Cloud” a One Week Workshop organized at Department of Information Technology, Institute of Aeronautical Engineering from 10 February, 2020 to 16 February, 2020
29. “Recent Advances and Applications in Cognitive Computing” a One Week AICTE-ISTE Refresher Programme organized at Department of Information Technology, Institute of Aeronautical Engineering from 28th May, 2018 to 02nd June, 2018
30. “Python and R Programming”, organized at Department of Information Technology, Institute of Aeronautical Engineering, Hyderabad in association with National Institute of Technology, Warangal under the Scheme of Electronics & ICT Academy (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI) from 03rd to 09th January 2018
31. “Ethical Hacking” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 03rd October 2013 to 04th October 2013 for various engineering college students through Convergence 2K13 a National Level Technical Symposium
32. “DB2 Certification Course” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 24th August 2013 to 25th August 2013 for III Year B. Tech CSE Students
33. “Network Programming” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad from 16th September 2010 to 18th September 2010 for various Engineering Faculty and Students
34. “Ethical Hacking” Seminar for CSE/IT students on 10th January 2011
35. “VFX & Adobe CS5” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, from 14th February 2K11 to 16th February 2K11 for various Engineering Faculty and Students
36. “IPC Mechanisms” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, on 17 November 2011
37. “Overview about QTP and Manual Testing” organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, on 16th February 2012
38. “Information Security – Viruses, Intruders”, organized at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad on 24 March 2012

Professional Memberships:

Life Member of ISTE, CSI and Member of IAENG

Any Other Achievements

- Technical Program Committee Member and Reviewer for iC3I-2016, iCATccT – 2015 & iCATccT -2016, ICAII-2019, iC3I-2019, ICSTCEE-2020, ICACECS-20, ICDIC-2020, ICICT-2021, ICACECS-2021
- An amount of Rs. 3.0L received for conducting AICTE-ISTE Induction/ Refresher Programmes under AICTE-ISTE MoU
- Recognized as a Resource Person in:

- Faculty Development Program on “Finite Languages and Automata Theory” organized by Department of Computer Science and Engineering at Vidya Jyothi Institute of Technology on 23rd Feb’16
- Faculty Development Program on “Real- Time Embedded Systems Development” from 18th – 30th Nov’13 sponsored by AICTE organized by Department of Electronics & Communication Engineering in collaboration with ISTE and ISTE Chapters of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad; topics were Basic Programs of Linux, Hands on Basic Linux Commands & Hands on Linux Programming
- Short-term course on “Information Security” organized by Department of Computer Science & Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad on 26th Feb’09
- Conferred with Best CSI Student Branch Award as a Faculty Coordinator in 2009- 2010
- Certifications Completed:
 - NPTEL Online Certification Course on Introduction to Programming in C in 2014
 - edX Online Certification Course on Introduction to Programming with Java – Part 1: Starting to Code with Java from Universidad Carlos III de Madrid, Spain
 - Online Certification on DAT208x: Introduction to Python for Data Science a course of study offered by Microsoft, an online learning initiative of Microsoft Corporation through edX
 - Online Certification on Introduction to R Course from DataCamp
 - Certification on IBM – DB2