

Name: JOHN LIVINGSTON.S
Designation: Assistant Professor
Department: Computer Science
Date of Joining: 14-09-2020



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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
(Ph.D.,)	Computer Science And Engineering	Karunya university	(Reg2014) Pursuing
M.Tech.,	Computer Science And Engineering	Karunya university	2010
B.Tech.,	Information Technology	AK college of Engineering	2007
DIT.,	Information Technology	AK Polytechnic College	2004

Specialisation in Teaching : C, C++, Operating System, DBMS, Cryptography.

Specialisation in Research : Image Processing, Machine Learning

Research Interests: Remote sensing & AI Image Processing, Big Data Science

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	The American College	September 2020 to till date
Assistant Professor	Karunya University	June 2012 to March 2020
Lecturer	PSN Engineering College	April 2010 – June 2012

Administrative /Academic Position/s (held/currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
<i>Academic Advisor</i>	September 2020 to till date
<i>Admission Work (Member) – Department Level</i>	September 2020 to till date
<i>NAAC Working Committee (Member) – Department Level</i>	September 2020 to till date
<i>IBM Big Data Centre of Excellence Coordinator</i>	December 2018 – March 2020
<i>Oracle Certification Coordinator</i>	December 2018 – March 2020
<i>Karunya Outreach Club/ Bethesda Club Coordinator</i>	June 2012 to March 2020
<i>Student Counsellor / Mentor</i>	June 2012 to March 2020
<i>Department In charge, (ECE)</i>	January 2012 to June 2012
<i>Student Project Coordinator</i>	December 2011 to June 2012

ACADEMIC ADVANCEMENTS:

- Completed RHCSA Rapid track Course by RedHat.
- Completed Oracle Training in Administration.
- Strong Knowledge in SQL & Database Administrations
- Became Associate Member in Institution of Engineers – India. (Member Code: AM1817955).
- Equipped with Python Programming Concepts and Algorithms.
- Attended ICT ACT Sponsored Workshop on Data Science and Big Data Analytics.
- Organized and coordinated many workshops and training programs for the betterment of faculty and students.

PUBLICATIONS:

INTERNATIONAL JOURNALS

- Remya Ravi, John Livingston.S “A Hybrid Approach to Unconstrained Face Recognition Using Biologically-Inspired Features.” Volume No – 373. Innovation in Communication, Information and Computing (ICICIC'13)
- S. Arokia Jerome George,John Livingston.S “Survey on Region Growing Segmentation and Classification for Hyperspectral Images” International Journal of Computer Applications (0975 – 8887) Volume 62– No.13 January 2013
- S. Arokia Jerome George , John Livingston.S “Region Growing Segmentation and Classification Approach for Integrating Region Objects” International Journal of computer science & management Research. Vol 2 Issue 3 March 2013 ISSN 2278-733
- Parvathy Raghunandan , John Livingston.S “A Review on various Graph Cut Based Image Segmentation Scheme International Journal of Advances in Engineering Science and Technology Vol. 2, No. 3, pp. 379-382, Dec. 2013
- Alphy George ,John Livingston.S “A Survey on Full Reference Image Quality Assessment Algorithms” International Journal of Research in Engineering and Technology Vol.2, Issue.12, pp. 303-307, Dec. 2013
- Deepa Maria Thomas , John Livingston.S “A Survey on Efficient No-Reference Blur Estimation Methods” International Journal of Research in Engineering and Technology Vol.2, Issue.12, pp. 201-205, Dec. 2013.
- John Livingston.S “A Image Performance Tuning Using Contrast Enhancement Method with Quality Evaluation” International Journal Of Computational Engineering Research Vol.10, Issue.10, pp. 58- 63 , April 2014
- John Livingston.S “A Novel Hybrid Image Quality Assessment Algorithm” International Journal of Applied Research Vol.4, Issue.4, pp.107 -108 , April 2014
- John Livingston.S “Analysis of Two Image Segmentation Schemes Based on Its Error Rate” international journal for research in applied science and engineering technology vol.2, issue.4, pp.47 -52, April 2014.
- A. Felix Arokya Jose 1, C. Anand Deva Durai2 , S. John Livingston3, V. Jeyakrishnan. “ Reed: Reliable and efficient event detection in WSN using clustering and aggregation of data” International Journal of Pure and Applied Mathematics Volume 119 No. 17 2018, 1237-1245.

- Johnson, M., Bose, J.R., Livingston, J. Experimental study of thermophysical properties of graphene water nanofluid below boiling temperature (2018) International Journal of Mechanical Engineering and Technology, 9 (10), pp. 1423-1433.
- Livingston, S.J., Chandan, P.H., Simeon, R.S., Vikas, B. D-ARCH: A detailed analysis of drone challenges policy enforcements and security solutions (2018) Journal of Computational and Theoretical Nanoscience, 15, pp. 2842-2847.
- Felix Arokya Jose, A., Anand Deva Durai, C., John Livingston, S. DBac: Deadline based data collection using CSMA/CD and Earliest Deadline First (EDF) scheduling in Wireless Sensor Network (2018) International Journal of Engineering and Technology(UAE), 7 (3), pp. 1956-1961.
- John Livingston, M. Raj Sandeep Simeon, Bommi Vikas, P. Hari Chandan. “A Hybrid Approach for Water Utilization in Smart Cities Using Machine Learning Techniques” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-6S, April 2019.
- John Livingston, S. Raimond, K. “Mirafs-multi image resoulution quality acuminatue fusing system (Article)(Open Access)” International Journal of Innovative Technology and Exploring Engineering Volume 8, Issue 10, August 2019, Pages 3031-3035.
- John Livingston, S. “An ensembled method for air quality monitoring and control using machine learning” Measurement: Sensor Scopus: Elsevier <https://doi.org/10.1016/j.measen.2023.10091>

NATIONAL CONFERENCES

- John Livingston.S, Raviraj.P,” An Efficient Multispectral Image Compression Using Class Adaptive KLT”, in International Conference on Emerging Trends in Engineering Technologies at Noorul Islam University,Kumaracoil on 25-26 March 2010. (Received Best Paper Award).
- Babu, S., Livingston, S.J. Hyperspectral imaging combined with PCA for discrimination of chemical pills (2014) 2014 International Conference on Electronics and Communication Systems, ICECS2014, <https://www.scopus.com/inward/record.uri?eid=2s2.04908634906>
DOI:10.1109/ECS.2014.6892652.

BOOK PUBLICATIONS:

- John Livingston, S. Raimond, K. “Improved Fusion Approach for Classification and Detection of Papaya Leaf Diseases using Machine Learning Model”, International Conference abstract proceedings on data transformation ISBN: 978-93-92995-49-1

SEMINAR / CONFERENCE / WORKSHOP / FDP DETAILS:

Name of the Seminar / Conference / Workshop / FDP	Name of the Institution conducted	From – To (mention date)	Organised/Participated/ Paper Presented/Acted as Resource Person
Deep Learning for Image Processing Applications - FDP	DST – SERB	Jan 28,2021 – Jan 29, 2021	Participated
Recent Advancements in Computing Technology - FDP	Sri S. Ramasamy Naidu Memorial College	13 Feb 2023 - 17 Feb 2023.	Participated
Fundamentals of Digital Marketing	Skillshop by Google	August 10,2023	Participated
Introduction to Generative AI with Google Cloud	Google for Developers	September 2023	Resource Person
Getting Started with Bard, Google’s Experimental AI	LinkedIn	October 07, 2023	Participated
Microsoft Azure AI Fundamentals (Online FDP)	ICT Academy	13 Jun 2022 to 18 Jun 2022	Participated

Other Activities / Academic Credentials:

- Have guided Projects for the students (*UG level: 29 and PG level: 07*).
- Have organized student seminars related to Computer and Software systems at colleges.
- Organized Various Workshop/Webinar/Seminar Programs
- Have involved in literary activities.
- Have Coordinated NAAC/NBA Audits in different forums.
- Organizing Committee Member, Young Student Scientist Programme
- Resource Person, Workshop on Basic Computing Skills for Non-Teaching Staff, Organized by IQAC, American College.