

## PROFILE



Name : Mr. John Livingston S  
Date of Birth : 5<sup>th</sup> March 1986  
Father's Name : P. Samuel Arulmani  
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## ACADEMIC QUALIFICATIONS

S. No	Degree	Branch / Specialization	Institution	Month & Year of Passing	Percentage of Marks and Class Obtained
1.	(Ph.D.,)	Computer science and engineering	Karunya university	(Reg2014) Pursuing	74
2.	M.Tech.,	Computer science and engineering	Karunya university	April 2010	75 First class
3.	B.Tech.,	Information Technology	AK college of Engineering	November 2007	72 First class
4.	DIT.,	Information Technology	AK Polytechnic College	April 2004	75 First class

## PROFESSIONAL EXPERIENCE

S. No	University/College/ Industry	Designation	Period	
			From	To
1	Karunya University	Assistant Professor	June 2012	March 2020
2	PSN Engineering College	Lecturer	April 2010	June 2012

## PROFESSIONAL CERTIFICATIONS

- Completed Neural Networks and Deep Learning Conducted by Coursera.
- *Completed Oracle Training in Administration (OCA).*
- *Completed RHCSA Rapid track Course conducted by RedHat.*
- *Completed System Administration in RHCE EL6.*
- Completed IBM Bigdata Certification Conducted by Cognitive AI.
- Completed IBM Data Science Certification Conducted by Cognitive AI.
- Completed ICT ACT Sponsored Course on Python Programming.
- Completed ICT ACT Sponsored Course on Data Science and Big Data Analytics.

## RESEARCH

- ❖ Registered Ph.D., (Part Time – Internal), CSE in Karunya University on November 2014. The area of research is GIS based support system which comprises of Research domains.
  - Big Data Science
  - Remote sensing & AI Image Processing
- ❖ Completed Seed Money Project on “IoT based Drone Deployment System with Security Policies Recommendation” 2017.
- ❖ Completed Seed Money Project on “ Machine Learning based System for Smart water Utilization in Smart Cities 2018”.

## PUBLICATIONS

### INTERNATIONAL JOURNALS

- **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**)
- 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.
- Babu, S., Livingston, S.J. Hyperspectral imaging combined with PCA for discrimination of chemical pills (2014) 2014 International Conference on Electronics and Communication Systems, ICECS 2014, artno. 6892652, <https://www.scopus.com/inward/record.uri?eid=2s2.04908634906&doi=10.1109%2fECS.2014.6892652&partnerID=40&md5=DOI:10.1109/ECS.2014.6892652>.

- A. Felix Arokya Jose 1, C. Anand Deva Durai<sup>2</sup>, S. John Livingston<sup>3</sup>, 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.
- S. John Livingston, B. S. Tamil Selvi, M. Thabeetha, C. Pushpa Grena, Clementia Shiny Jenifer. “A Neural Network Based Approach for Sentimental Analysis on Amazon Product Reviews” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-6S, April 2019.
- 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 acuminate fusing system (Article)(Open Access)” International Journal of Innovative Technology and Exploring Engineering Volume 8, Issue 10, August 2019, Pages 3031-3035

## **NATIONAL CONFERENCES**

- “An Integrated Information and Communication Technology (ICT) Based Approach for Efficient Energy and Water Management in Smart Drip Irrigation System” in National Congress on "New Challenges and Advances in Sustainable Micro Irrigation" (NCMI - 2017) is scheduled during March 1st - 3rd 2017 at Water Technology Centre, TNAU.

## **SUBJECTS HANDLED**

- **Database Management System.**
- **Database Lab (Oracle).**
- **Real Time Systems and Software.**
- **Advanced Operating Systems.**
- **Microprocessors and Interfacing.**
- **Advanced Database Technologies.**
- **C++.**
- **Android Application Development.**
- **Soft Skills.**
- **Distributed Systems.**
- **Digital Image Processing.**
- **Case Tools Laboratory.**
- **Advanced Database Laboratory.**
- **Ethics in Information Technology.**

## **ADMINISTRATIVE REPOSIBILITIES**

- Having good practices in Student Mentoring System.
- Have organized student seminars related to Computer and Software systems at colleges.
- Have Played a Role of Anna University Exam Coordinator.
- Organized Various Workshop/Webinar/Seminar Programs
- Have involved in literary activities.
- Have worked as Project Coordinator.
- Have Coordinated NAAC/NBA/Academic Audits in different forums.
- Have guided Projects for the students (*UG level: 17 and PG level: 07*).