Dr Kalahasthi VenkataSatyanatanayana

Associate Professor

Department

C S E

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Academic Back ground :-

Ph.D in Computer Science and Engineering, JNTUK University, Kakinada, July **2020**.

M.Tech in Computer Science and Technology, Specialization with **Artificial Intelligenceand Robotics** Andhra University, Visakhapatnam, **2009**

Dr K V Satyanarana has rich experience in the field of Computer Science Engineering. He has taken subjects related to Computer Science Engineering and has been proficient in teaching Programming Languages like C,C++, Python, Artificial Intelligence, Machine Learning ,Pattern Recognition. and relating to the Image processing.

He has published 25 papers in various journals which are indexed in Scopus and Science Citation Indexing and web of science.

He has published 1 book in the field of Computer Science Engineering. With the title of "Segmentation methods based on logistic type mixture models" mostly useful in research of pattern recognition.

He is a member of various professional groups like ACM, ISPS & IETE.

Research Interests:

Artificial Intelligence, Machine Learning, Pattern Recognition. And relating to the Image processing.

Ratification Details

Ratified as Assistant Professor in**Computer Science and Engineering** Department by **JNTUK, Kakinada** in **2015**

Published Journals:-

1. "*The Identifying The Presence of Bacteria on digital images by using asymmetric distribution with K-means clustering algorithm*"..Multidimensional Systems and Signal Processing Issue4 OCT 2021.http://doi.org/10.1007/s11045-021-00800-0 (SCI-INDEXED-Oct-2021).

2. "*The Performance Analysis of a Parallel Communication Network with Phase Type Transmission Having Non-Homogeneous Binomial Bulk Arrivals Under Equilibrium Conditions*", IJFGCN/vol14_no2/ (pp. 1-20) International Journal of Future Generation Communication and Networking(SCIE- AUG-2021)

3."*Segmentation of Images Using Two Parameter Logistic Type Distribution and K-Means Clustering*", **International Journal of Grid and Distributed Computing**, Vol. 11, No. 12, pp.1-20, ISSN: 2005-4262(SCOPUS-2018)

4. "*Simulated Studies on the Performance of Intelligent Transportation System Using Vehicular Networks*", **-**International Journal of Grid and Distributed Computing, Vol.11, No.4, pp.27-36 **(Scopus=2019).**

5. "*Regional Decomposition of images using Three Parameter Logistic Type Mixture Model with K-Means*",), **International Journal of Computer Applications**, Vol. 181-No,32, pp.13-20, ISSN:0975-8887-2018

6."*Two Parameter Logistic Type Distribution in image Segmentation with hierarchical clustering algorithm*",**International Journal of Computer Science and Information Security**, Vol. No 16 No.11, (pp. 22-28), ISSN 1947-5500-(**Thomason Reuters Indexing-2018).**

7 "*Segmentation of images using Three Parameter Logistic Type Mixture Model with hierarchical clustering algorithm*", accepted by " **International Journal of Engineering and Technology**,(SCOPUS-2021)

8. "*Analysis of Queuing Model Based Cloud Data Centers*",SmartTechnologies in Data Science and Communication pp 251-261 Vol.105, Pp.293-309 **(Scopus-2019**)

9. *Resume Ranking Using a Bayesian Classifier Approach*" www.jetir.org (ISSN-2349-5162) (UGC APPROVED-2021)

10. "*Secure and Efficient Product Information Retrieval in Cloud Computing*"www.jetir.org (ISSN-2349-5162) **(UGC APPROVED).**