Dr. Ebin Deni Raj
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Indian Institute of Information Technology Kottayam (IIIT-K)
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INDUSTRIAL EXPERIENCE

❖ Worked as an intern at ALCATEL-LUCENT from September 2011 to May 2012 ˉ8 months.

TEACHING EXPERIENCE

❖ Worked as Lecturer of Cyber Law in ACE Academy Trivandrum [June 2012-November 2012]-5 months.

❖ Worked as Assistant Professor at LBS Institute of Technology for Women ,Trivandrum[December 2012-July 2013].-8 months

❖ Worked as Assistant Professor at UKF College of Engineering and Technology, Paripally [June 2016- January-2017]- 7 months

RESEARCH EXPERIENCE

Teaching and Research Associate at School of Information Technology and Engineering, VIT University

[July 2013-June 2016]. - 3 years.

EDUCATIONAL QUALIFICATION

Education	University	Year
Ph.D.	VIT University	2013-2016
M. Tech (I.T[Networking])	VIT University	2010-2012
B. Tech(Computer Science)	Cochin University of Science and Technology	2006-2010

RESEARCH INTERESTS

Online social network analysis, Big Data analytics, Sentimental analysis, Social media analytics, Machine learning, Data Science, Social computing.

RESEARCH ACHIEVEMENTS

- Research work featured in news sites such as www.sciencedaily.com, www.phys.org, scienceblog.com ,ECN, scientificcomputing.com
- Reviewer of *IEEE Transactions on Emerging Topics in Computing*
- Reviewer of IEEE sponsored 2nd International Conference on Anti-Cyber Crimes (ICACC)
- Google scholar *h-index* of 4, *i-10 index* of 3 and overall citation count of 64.
- Google scholar profile: https://scholar.google.co.in/citations?user=iJKcm0AAAAAJ&hl=en

SELECTED HONOURS AND AWARDS

- ➲ "Research publication award" [with cash prize], for the year 2016 from VIT University.
- ➲ "Research publication award" [with cash prize], for the year 2015 from VIT University.
- ➲ Selected among the top 25 Programmers in IEEE Extreme Programmers League (IXPL) Organized by IEEE at VIT University (February 2011).
- ➲ Selected by Alcatel-Lucent (Former Bell Labs, USA) for Project Internship.
- ➲ Selected by Cognizant Technological Solutions (CTS) in campus placement.

SELECTED PUBLICATIONS
Publication in International Journals

1. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "A Fuzzy Adaptive Resonance Theory inspired Overlapping Community Detection Method for Online Social Networks". Knowledge Based System, Volume 113, Pages 75-87, Elsevier [SCI Indexed,Thomson Reuters **Impact Factor-3.325**]
2. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "Realistic Trust prediction using Reputation features of Big Data for Online Social Networks". Neurocomputing ,Elsevier [SCI indexed, Thomson Reuters **Impact Factor-2.392**]
3. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "Detecting modular and granular overlaps in Online Social Networks using Fuzzy-ART". International journal of fuzzy systems, Springer. [SCI indexed,Thomson Reuters **Impact Factor-0.941**]
4. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "A Firefly inspired Game Dissemination and QoS based Priority Pricing Strategy for Online Social Network Games." International Journal of Bio-Inspired Computation, Indesrcience Publishers (Accepted). **Impact Factor- 1.390**
5. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "Flocking based Evolutionary Computation Strategy for measuring Centrality of Online Social Networks". Applied Soft computing, Elsevier (Minor Revision Submitted) **Impact Factor - 2.85**
6. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "A survey on Topological properties, Models and Analytical Measures in Online Social Network Analysis". International Journal of Web Based Communities,Vol. 13, issue 1, Inderscience publishers.[Scopus Indexed with a SNIP of 0.619]
7. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu "Impact of Big Data and Swarm Intelligence based algorithm for establishing new connections in social networks" International Journal of Communication Networks and Distributed Systems,Inderscience publications ,Vol 15 nos 2/3. [Scopus Indexed with a SNIP of 0.513]
8. Sharon Moses J, Nirmala M, <u>Ebin Deni Raj</u>. A novel security ensemble framework for securing files in cloud computing environments. International Journal of Computational Science and Engineering (IJCSE), Inderscience Publishers. [Scopus Indexed with a SNIP of 0.720]
9. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. " A Novel Fuzzy information Granulation Based Community Detection strategy for Online Social Networks". ACM Transactions on Knowledge discovery from data, ACM publishers (Under Review).
10. V. Manoj kumar, J.P. Nivash, M. Nirmala, L.D Dhinesh Babu and <u>Ebin Deni Raj</u> ."Using Supervisor Selection Algorithm for Effective Big Data Processing in Storm". World Applied science journal. Volume 32 Number 12, 2014.

11. J.P. Nivash, L.D. Dhinesh Babu, <u>Ebin Deni Raj</u>, M. Nirmala and J. Sharon Moses. "A Leader Selection Strategy for RFID Communication in the Internet of Things" World Applied science journal. Volume 32 Number 12, 2014.
12. Ebin Deni Raj "An efficient Cluster head selection Algorithm for wireless Sensor networks – EDRLeach" in the journal of International Organization of Scientific Research (IOSR) [Volume 2 Issue 2], 2012.

Book Chapters
13. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "Issues in on-demand cloud based gaming-Storage, Quality of service and Quality of Experience" Emerging Technologies and Applications for Cloud-Based Gaming,IGI Global,2016.[BOOK CHAPTER][Scopus indexed]
14. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu , EzenduAriwa, M.Nirmala, P.Venkata Krishna. "Forecasting the trends in cloud computing and its impact on future IT business" Green Technology Applications for Enterprise and Academic Innovation, IGI Global Publications,2014.[BOOK CHAPTER] [Scopus indexed]

15. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu , EzenduAriwa, M.Nirmala, P.Venkata Krishna. "Forecasting the trends in cloud computing and its impact on future IT business" Cloud technology: Concepts, methodologies, tools, and applications. Information Resources Management Association, USA. IGI Global Publications,2014.*[BOOK CHAPTER]* [Scopus indexed]

Conferences
16. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu and Ezendu Ariwa "A Fuzzy Approach to Centrality and Prestige in Online Social Networks" Proceedings of International Conference on Information and Analytics, Article No. 61, ACM, 2016.
17. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu. "A Model Fuzzy Inference System for Online Social Network Analysis". 2015 International Conference on Computing and Network Communications (CoCoNet'15). pp- 582-588,IEEE, 2015.
18. Sharon Moses J,L.D Dhinesh Babu, <u>Ebin Deni Raj</u>. "Evaluation of Similarity based Recommender using Fuzzy Inference System". International Conference on Computing and Network Communications (CoCoNet'15). pp- 576-581, IEEE, 2015.
19. <u>Ebin Deni Raj</u>, L.D Dhinesh Babu "A Two Pass Scheduling policy based resource allocation for MapReduce" International Conference on Information and Communication Technologies (ICICT 2014) Procedia Computer Science, Elseiver [Scopus Indexed with a SNIP of 0.705].
20. Nivash J.P ,<u>Ebin Deni Raj</u> , L.D Dhinesh Babu and M.Nirmala." A Neural Network based framework for Apache YARN " In Information Technology (ICICES), International Conference on, IEEE, 2014.[Scopus Indexed] -DOI: 10.1109/ICICES.2014.7033783
21. Nivash J.P, <u>Ebin Deni Raj</u>, L.D. Dhinesh Babu, M.Nirmala, Manoj kumar.V "Analysis on Enhancing Storm to Efficiently Process Big Data in Real Time" In International Conference on Computing, Communication and Networking Technologies , Hefei, Anhui, China,IEEE 2014. .[Scopus Indexed]- doi:10.1109/ICCCNT.2014.7093076
22. Durgesh Samariya, Ajay Matariya, Dhinesh Babu L. D., <u>Ebin Deni Raj</u> and Dhwani Raval "A Hybrid Approach for Big Data Analysis of Cricket Fan Sentiments in Twitter" International Conference on ICT for Sustainable Development. Springer Post Conference Proceedings (ICT4SD-2015) Volume 408 of the series Advances in Intelligent Systems and Computing pp 503-512.[Scopus Indexed with SNIP of 0.154]
23. <u>Ebin Deni Raj</u> , Nivash J.P., M.Nirmala and L.D Dhinesh Babu. "A scalable cloud computing deployment framework for efficient MapReduce operations using Apache YARN." In Information Technology (ICICES), 2014 International Conference. IEEE, 2014.[Scopus indexed]

PhD Thesis:

Thesis title: "Effective Strategies For Information Spreading in Online Social Networks."

(School of Information technology and Engineering, VIT University)

Advisor- Dr. L. D Dhinesh Babu