



Praveen Kumar D.

Junior Research Fellow

Education

- 2017 - till **Doctor of Philosophy (Ph. D)** IIT (ISM), Dhanbad.
Department of Computer Science and Engineering
Working title of thesis "Machine learning-based algorithms for wireless sensor networks"
Under the guidance of Dr. Tarachand Amgoth and Co-guidance of Dr. Annavarapu Chandra Sekhara Rao
- 2012 - 2014 **Master of Technology** JNTUA, Ananthapuramu*.
Specialization is Computer Science and Engineering with **71.30%**
Main subjects: Algorithms and Data Structures, Computer System Design, Networks, Software Engineering and Data Mining.
Title of the Thesis: "Compressing Routing Table size using Tree Representation".
Under the guidance of Mr. K. Madhusudhana Reddy
- 2008 - 2012 **Bachelor of Technology** JNTUA, Ananthapuramu*.
Specialization is Computer Science and Engineering with **71.03%**
Main subjects: Mathematics and Physics, Programming, Data Structures and Algorithms, Automata and Compilers, Digital design, Networks and Web Technologies.
Title of the Project: "Picture Geotag Survey".
Under the guidance of Prof. V. Janardhan Babu.
- 2006 - 2008 **Intermediate** National Jr. College, Nandyal
Stream: MPC with Percentage of **83.60%**
Main subjects: Mathematics, Physics, Chemistry
- 2006 **SSC** APR School, Srisailem
Percentage : **78.89%**
Main subjects: Mathematics, Physics, Chemistry

Experience

- 09/15 - 3/16 **Assistant Professor and T&P Coordinator** BEC (Autonomous), Bapatla, AP, India
Worked as Assistant Professor and Training and Placement Coordinator. I taught different subject like Operating systems, Problem solving with Programming and also deal laboratories like data structures with C and Introduction to Data Analytics with R & Cyber security. Also given Training on Programming in C to the final year students of different departments towards to placements
- 04/14 - 08/15 **Assistant Professor and T&P Coordinator** S. V. C. E, Nellore, AP
Worked as Assistant Professor and Training and Placement Coordinator. I taught different subject like Operating systems, Web Technologies, Java Programming and also given Training on Programming in C and Data structures, PHP, HTML5 etc to the final year students of different branches towards to placements

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Mendeley

/profiles/praveen-kumar-d2

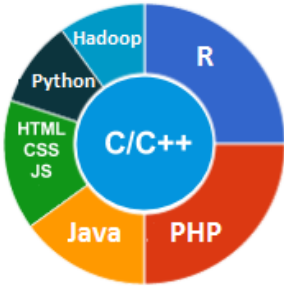
Scopus ID

57202007387

Sub Taught

Operating Systems
Web Technologies
C Programming
Java Programming
Networks
Algorithms
R Programming

Programming



Certifications

- 08/2016 **Big data Analytics with Hadoop** Skill Subsist Impels Ltd., Tirupati
Hadoop administration, Map-reduce, Hive, Pig, RHadoop
- 08/2008 **P.G.D.C.A** GEENI Computer Education. Nandyal
Certified from Ministry of HRD, Govt. of India.
- 2006 **Computer Basics** NIIT, Srisaillam
Basics of Computer and networking concepts.

Publications

- Praveen Kumar D., Tarachand Amogoth, Annavarapu Chandra Sekhara Rao
Machine learning algorithms for wireless sensor networks: A survey
Information Fusion, Elsevier, Article In Press, 2018.
- Praveen Kumar D., Tarachand Amogoth, Annavarapu Chandra Sekhara Rao
ACO-based mobile sink path determination for wireless sensor networks under non-uniform data constraints
Applied Soft Computing, vol. 69, pp. 528-540, 2018.
- C Naga Raju, D. Praveen Kumar, D Hussenappa, V Kulakarne
Fast Three Level DNA Cryptographic Technique to Provide Better Security
Proceedings of the International Conference on Advances in Information Communication Technology & Computing, ACM, Aug 2016.

Personal Skills



OS Preference

GNU/Linux ★★★★★
Unix ★★★★★
Windows ★★★★★

Intrested Sub

WSNs ★★★★★
ML ★★★★★
Big Data ★★★★★
IoT ★★★★★
R ★★★★★
Any Latest ★★★★★

Languages

Telugu ★★★★★
English ★★★★★

Book Chapters

- **Optimization techniques in Wireless sensor networks**
Dinesh Kumar Sah, D Praveen Kumar, Chaya
Soft Computing in Wireless Sensor Networks, Chapter 2, CRC Publications, 2018.

Text Books

- **Introduction to PHP & MySQL**
Praveen Kumar Donta, Sreenivasula Reddy T., Yugandhar Reddy A.
Amazon Kindle Publishing House, USA, Nov 2017
- **Web and Internet Technologies: As Per JNTU Syllabus**
Sreedhar Jinka, Praveen Kumar Donta, Baijnath Kaushik
Amazon Kindle Publishing House, USA, 2017
- **Cracking the C Interview**
Praveen Kumar Donta, Sreedhar Jinka
LAP LAMBERT Publications, Germany, July 2017

FDP & Workshops attended

- FDP on Big data analytics
- Instructional Design and Planning by NITTTR in Sri Venkatesa Perumal college of engineering and Technology from 31 Dec 2012 to 5 Jan 2013

- FDP on Document Preparation Using \LaTeX in Sri Vidyanikethan Engineering college on 18& 19 Jan 2013.
- FDP on Wireless networks and NS2 in Sri Vidyanikethan Engineering college on 8& 9 March 2013.
- Workshop on Python Scripting Language
- Workshop on Android 14& 15 July 2011 in SVP CET
- Workshop on Ruby Scripting Language 10 Aug 2011 in SVP CET

Guest Lectures or Session shares

- FDP on Hadoop framework at Bapatla Engineering College, AP, India.
- Two day Workshop on Big Data Analytics with R at Sree Venkateswara College of Engineering, Nellore, AP, India.
- Session share on Hands-on Hadoop at Rayalaseema University, Kurnool, India.

Assets

- Research experience in Social Network Analysis using big data at Yogi Vemana University from Mar 2016 to Mar 2017.
- Qualified in GATE 2015
- An active membre of *IEEE Young Professional*, *ACM*, *IAENG*, *IACSIT*, *SDIWC*, *UACEE*, *CSTA*, *Swecha Organisation*, *CSEdWeek* by ACM and CSI.
- Reviewer for
 - IEEE Systems
 - IEEE Sensors

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

September 25, 2018

Praveen Kumar D