Dr. Nagaraj M. Lutimath

ASSOCIATE PROFESSOR

DEPARTMENT OF ISE

PROFILE

- Dedicated & Committed Faculty in Department of CSE, with 19.5 years of experience in teaching UG & PG Students.
- Subjects Handled: Automata Theory and Computability, Design and Analysis of Algorithms, System Modeling and Simulation, Computer Graphics and Visualization, Object Oriented Modeling and Design, Data Mining and Warehousing.
- Skills: A blog writer, Creative Content Designer, Content Writer, Organiser & a good communicator/Speaker

CONTACT & LINKS

Email ID:
nagarajlutimath@gmail.com

EDUCATIONAL QUALIFICATIONS

B.E(CSE)-Basaveshwara College of Engineering, Bagalkot-1998
M.Tech (CSE)- Basaveshwara College of Engineering, Bagalkot, 2007
PhD (CSE)-VTU, Belagavi-2018

PROFESSIONAL EXPERIENCE

Teaching Experience: 8 years
Industry Experience:
Total: 8 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Part of Departmental NBA Accreditation Team
- Event Organiser for College and Department Level
- Facilitator for various events and activities

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

Specialization: Computer Science and Engineering
Research Interest: Wireless Networks, Machine Learning, Artificial Intelligence, Cloud Computing.

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- **Resource Person** for a two-day workshop on Machine Learning with Python, on 11th and 12th Oct 2019, at Malnad College of Engineering, Hassan.
- **Co-convener** for the International Conference on Computer Networks, Security and Computing-2019 (ICCSC-2019) held at SVCE, Bengaluru on 9th and 10th May 2019.
- **Resource Person** for a one-day workshop on Data Science Using R, 16th Feb 2019, at East West College of Engineering, Bengaluru.
- **Resource Person** for the Workshop on Data Science and Analytics using R at SGBIT, Belagavi on 3rd Nov 2018

- **Resource Person** for the Workshop on Data Analytics with R Programming Language at Adarsha Institute of Technology, Bengaluru on 28th March 2018
- **Resource Person** for a workshop on Simulation using NS-2 on 28 Oct 2017 at East West College of Engineering, Bangalore
- **Resource Person** for the Workshop on R Programming Language at Nagarjuna College of Engineering, Bangalore on 23rd May 2017.
- **Resource Person** for the Workshop on Computer Network Programming in Java and Network Simulator-2(NS2) organized by SJCIT, Chikkaballapur from 16th to 18th Aug 2017.
- **Resource Person** for the Workshop on R Language and Analytics at Atria Institute of Technology, Bengaluru on 12th Oct, 2017
- **Resource Person** and **coordinator** for the one day workshop on Hands-on-Session on NS3, in the department of Computer Science and Engineering, SVCE, Bengaluru on 18th Sept 2017.
- **Resource Person** for data mining in FDP on "Computer Networking Lab Using NS-2 Simulator, Java Lab and Computer Programming Lab", SVCE, Bangalore from 14th July to 18th July 2014.
- **Advisory board** member for Dr. TTIT, Kolar for NBA.
- **Reviewer** for Advances in Science, Technology and Engineering Systems Journal (ASTESJ) and International Journal of Engineering.
- **Resource Person** for a one-day webinar on "Data Analytics using R" at SVCE, Bengaluru on 3rd May 2020.
- Guided **KSCT** sponsored Student project "**Jeevan Jyothi-Mobile Application for Ambulance Service"**, July 2020.

PUBLICATIONS/PATENTS/BOOKS	ASSOCIATION WITH PROFESSIONAL BODIES

PUBLICATIONS/PATENTS/BOOKS

Patent on "Car Indoor Air Pollution Monitoring and Controlling System" filed and published on 20th March 2020.

Nagaraj M. Lutimath, Arun Kumar D.R, Chethan C," Hybrid Multipath Dynamic Source Routing Protocol for MANET", Scopus Indexed International Journal of Control Theory and Applications, Volume 10, Number 25 ,2017, pp. 269-275.

Nagaraj M. Lutimath, Abhilash D C, Murali Mohan B M, "Interference Aware Hybrid Multipath Protocol for Mobile Ad hoc Network", Scopus Indexed, International Journal of Pure and Applied Mathematics Volume 114 No. 10, 2017, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu.pp.25-34.

Nagaraj M. Lutimath, Sanjeev C. Lingareddy, Shilpashree S," Analysis of Liver Disease using Artificial Neural Network", Scopus Indexed, International Journal of Pure and Applied Mathematics, Volume 118, Number 24 ,2018, ISSN: 1314-3395 (on-line version), url: http://www.acadpubl.eu/hub/, pp. 1-5.

Nagaraj M. Lutimath, Arathi B N, Shona M, "Prediction of Heart Disease Using Regression Tree", Scopus Indexed, International Journal of Engineering & Technology, 7 (2.33) (2018) 1068-1070.

Nagaraj M. Lutimath, Arathi B N, Shona M," Prediction of Heart Disease using SVM", Scopus Indexed, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S6, August 2019, pp. 486-489.

Nagaraj M. Lutimath, Chethan C, Basavaraj S. Pol, "Prediction of Heart Disease using Machine Learning", Scopus Indexed, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S10, September 2019, pp. 474-477.

Maria Navin J R, Nagaraj M. Lutimath, "EAKOS - Energy Aware KMeans Offloading Scheme for Mobile Applications", IEEE

ASSOCIATION WITH PROFESSIONAL BODIES

- Life-time Member of ISTE and AIME.

International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), 7-9 Oct 2020.

Nagraj M. Lutimath, Ramachandra H V, Raghav S, and Neha Sharma, "Prediction of Heart Disease using Genetic Algorithm", accepted by. 2nd Doctoral Symposium on Computational Intelligence (DoSCI-2021), An International Conference, Lucknow, India on 6th, March, 2021.

Maria Navin J R, Nagaraj M. Lutimath, "A Review on Offloading and Security Schemes in Mobile Cloud Computing", accepted by Springer International Conference on Innovative Computing and Computation, Patna, India, Feb 20th- 21st, 2020.

Nagaraj M. Lutimath, Arun Kumar D.R, Chethan C," Hybrid Multipath Dynamic Source Routing Protocol for MANET", *Scopus Indexed* 5th International Conference on Advanced Computing, Engineering and Technology (ICACET 2017), Bangalore, Feb 17th, 2017.

Nagaraj M. Lutimath, Abhilash D. C., Murali Mohan B M, "Interference Aware Hybrid Multipath Protocol for Mobile Ad hoc Network", Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017) & Power, Circuit and Information Technologies (ICPCIT-2017), April 2017, Madanpalle,India,pp 27-29.

Nagaraj M. Lutimath, Arun Kumar D R, Chetan C, "Regression Analysis for Liver Disease Using R: A Case Study", International Conference on Innovative Computing and Communication (ICICC-2018), 5th-6th May 2018, New Delhi, India.

Nagaraj M. Lutimath, Sanjeev C. Lingareddy, Shilpashree S," Analysis of Liver Disease using Artificial Neural Network", International Conference on Computer Networks, Security and Computing -2018, SVCE, 4th-5th May 2018

Nagaraj M. Lutimath, Muppalla Vaishnavi, B. Priyanka, Thikkavarapu Manasa, Koppullu Prithi "Application of IOT for Smart Cities", International Conference on Computer Networks, Security and Computing -2018, SVCE, 4th-5th May 2018.

PROFESSIONAL COURSES COMPLETED

- Completed online certification course on "Introduction to Data Science" on 05th July 2017 by Microsoft Virtual Academy.
- Completed online certification course on "Building an IT Certification Study Lab" on 05th July 2017 by Microsoft Virtual Academy.
- Completed online certification course on "Sharing Content Securely: Managing and Governing Share Point and Office365at Microsoft" on 1st Dec 2017 by Microsoft Virtual Academy.
- Completed online certification course on "IT Expert Roundtable: Using Naïve Bayes and Machine Learning Server to Improve Data Quality" on 30th July 2018 by Microsoft Virtual Academy.