




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	Nagarathna C R	
Academic Designation	Assistant professor	
Educational Qualification	BE, M. Tech,(Ph.D)	
Experience in Years	12.7 years	
Area of Interest	Deep learning	
Date of Birth	10/06/1987	
Email ID	Nagaratna_cr@dsatm.edu.in	

Educational Details

- Ph.D - Pursuing in VTU
- M.Tech in National college of Engineering, Mysore under VTU Belgaum 2014 with the percentage of 76%.
- B.E in Bala Gangadharanatha Swamiji Institute of Technology, Nagamangala Mandya under VTU Belgaum 2009 with percentage of 72%.

Personal Details

- Date of Birth:10/06/1987.
- Hobbies: Watching TV, Listening Music.
- Languages Known: English & Kannada

Professional Experience

- Work Experience of 12.7 yrs.
- Currently working as Assistant Professor in the Department of Information Science and Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru from July 22th, 2015.
- Worked as Assistant Professor in the Department of ISE at BGSIT from August 3rd 2009 to 20th July 2015.

Publications

Scopus Journals:

- Nagarathna C R, Dr M Kusuma “**AN OVERVIEW OF EARLY DETECTION OF ALZHEIMERS DISEASE**” accepted for publication in International **Journal of Medical Engineering and informatics**, Inderscience Publications.
- Nagarathna C R, Dr M Kusuma “**Automatic Diagnosis of Alzheimer’s disease using Hybrid Model and CNN**” Journal of Soft Computing Paradigm. DOI: [10.36548/jscp.2021.4.007.https://irojournals.com/jscp/article/view/3/4/7](https://irojournals.com/jscp/article/view/3/4/7) Volume - 3 | Issue - 4 | December 2021
- Nagarathna C R “**The Technique to Detect and Avoid The Denial Of Service Attacks In Wireless Sensor Networks**” International Journal of Research in Engineering and Technology. DOI: <https://ijret.org/volumes/2014v03/i05/IJRET20140305124.pdf>
- Nagarathna C R, Dr M Kusuma “**Ensemble approach for detecting and classifying different stages of Alzheimer’s disease**” [Communicated to Scopus indexed journal].

International Conferences:

- Nagarathna, C. R., & Kusuma, M. (2021, November). “**Comparative study of detection and classification of Alzheimer's disease using Hybrid model and CNN**”. In 2021 International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON) (Vol. 1, pp. 43-46). IEEE. DOI: 10.1109/CENTCON52345.2021.9688082.
- Nagarathna C R, Dr M Kusuma “**Detection and classification of Alzheimer’s using Deep Learning Techniques**” 3rd International conference on Communication and Intelligent System, New Delhi (ICCIS-2021).
- Bhavyashree H.L, Nagarathna C R “**Modified Cluster Based Certificate Blocking of Misbehaving Node In Mantes**” International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE-2019). DOI: 10.1109/ICATIECE45860.2019.9063622.

National Conferences:

- Nagarithna C R “**A survey on intrusion detection system in wireless sensor networks**” Research Trends in Computer Applications and Information Management Acharya Institute of Management and Sciences (AIMS), Bengaluru, 24th and 25th January 2014
- Nagarithna C R “**The method to detect and avoid denial of service attacks in WSN**”, National Conference on Real Time System City Engineering College (CEC), Bengaluru, 9th and 10th May 2014
- Nagarithna C R “**Authentication Technique to Detect and Avoid Black - hole Attack in WSN**”, Name: NCETCSE-2017, DSATM Bangalore, 19th may 2017
- Nagarithna C R “**An Online Election Voting System: A Prototype**” NCCSTM-2018, DSATM, Bangalore, 3rd may 2018
- Nagarithna C R “**SURVEY PAPER ON GESTURE RECOGNITION OF BHARATHANATYAM MUDRAS**” NCCSTM-2018, DSATM, Bangalore, 3rd may 2018.

Certification Courses

- Successfully Completed online course on “**Artificial Intelligence Project**” https://olympus1.greatlearning.in/course_certificate/NXEBHSDU
- Successfully Completed online course on “**Introduction to Deep Learning**” https://olympus1.greatlearning.in/course_certificate/HUXNTANC
- Successfully Completed online course on “**Digital Image processing**” https://olympus1.greatlearning.in/course_certificate/RHCRKDLJ
- Successfully completed online course on “**Introduction to neural networks and deep learning**” https://olympus1.greatlearning.in/course_certificate/NVFMLPXX
- Successfully completed online course on “**Python 101 for data science**” <https://courses.cognitiveclass.ai/certificates/26422a85a5394358abefe48551b39943>
- Successfully completed online course on “**Python for beginners**”
- Successfully completed online course on “**Artificial Intelligence Concepts**” <https://learn.ibm.com/mod/certificate/view.php?id=41057&action=get>
- Successfully completed 23 hours of “**Deep learning A-Z –Hands on Artificial neural network**” online course on July 1st 2019.

Conference Attended

- The successfully attended as participant in the conference AAIC 2021 virtual conference! Hosted by the Alzheimer's Association on July 26-30, 2021
- In 2021 International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON-2021) DSCE Bangalore
- 3rd International conference on Communication and Intelligent System, New Delhi (ICCIS-2021)
- International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE-2019)-DSATM, Bangalore
- NCCSTM-2018, DSATM, Bangalore, 3rd may 2018
- National Conference on Real Time System City Engineering College (CEC), Bengaluru, 9th and 10th May 2014
- Research Trends in Computer Applications and Information Management Acharya Institute of Management and Sciences (AIMS), Bengaluru, 24th and 25th January 2014

Seminar Attended

- Participating on webinar event titled “Python for data Preprocessing” conducted by Department of CSE, Amrutha Institute of management and sciences on 25th June 2019.

Workshop Attended

1. Attended 3 day national level workshop on “**Research Methodology**” from 21st to 23rd 2019 at Dept of ISE, DSATM.
2. Participated in the workshop on “OBE PRACTICES” organized by DSATM held on 18th to 20th June 2018.
3. Participated in 3-day “**NBA workshop 2017**” held on 11th – 13th Dec 2017 at DSATM, Bengaluru.

Patents published with All Details

Indian Patent

Title Intelligent System For Remote Person Monitoring Based On The Internet Of Things And Wireless Body Sensor, Application No- 202141061749 A.

International Patent

Title Intelligent Iot Device For Automating Fingerprints Using Machine Learning And Statistical Payload Fingerprints , Application No- 20 2022 100 016.6.

Research Grants fetched with File No.

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Student Project Funds Fetched with Grant No.

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Consultancy Amount Fetched with Details

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Awards

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Academic Activity

1. Co-ordinating with **CISCO for “Programming Essentials in C”** course certification for 1st year students as a trainer. During 2019-20 and 2020-2021.
2. Co-ordinating with **CISCO for “Programming Essentials in C++”** course certification for 2nd year students as a trainer. During 2019-20 and 2020-2021.
3. Resource person for add on program “**Course on java**” for 3rd year students as a trainer. During 2020-21.
4. VTU Co-ordinator
Responsible to register new faculty details in VTU portal, update all department faculty details yearly, do the subject mapping in every semester.
5. AICTE co-ordinator
Regularly updating department faculty details in AICTE portal from the year 2018.
6. Final Year Internship guide ship from 2years.
7. NAAC criteria 1 main coordinator institution level
8. Working for NBA criteria-7.

Certificate of Appreciation

1. Received **Appreciation letter** from Dept. of ISE for achieving **Very Good** student

feedback in the year 2017.

- 2 Received Appreciation letter from Dept. of ISE for achieving **Very Good** Result in the year 2018.

Faculty Development Activity/Workshops

1. Attended 5 days FDP on “RPI” organized by ISE department of Dayanada Sagar academy of Technology and Management
2. Attended 5 days FDP on “Blueprism” organized by CSE department of Oxford College of Engineering Bangalore.
3. Participated 6 days FDP on “Advances in Artificial Intelligence and Machine Learning” held from 26th to 31st July 2021 organized by CSE department of Oxford College of Engineering Bangalore.
4. Participated and presented the research work in Research Conclave (In Association with Research Center, VTU, Belgaum & IEEE Bangalore Section, Bengaluru) on 10th April 2021 held at Dayanada Sagar Academy of Technology and Management
5. Participated in 3-days FDP on “**Mobile Application Development**”-18CSM68” at **DSATM**, organized by Dept of CSE in association with VTU and CSI, Bangalore chapter.
6. Attended 10 days faculty development program on “**Research Orientation**” from 8th to 18th September 2020 organized by DSATM, Bangalore.
7. Successfully completed and met the requirements of “**Blockchain Core**” FDP on “Advanced Blockchain Technology” from 28th Jan to 1st Feb 2020 at Dept of ISE, DSATM.
8. Attended 3-day FDP on “**Recent trends in Science for Versatile Engineering Applications (RSVEA-2019)**” held from 25th to 27th July 2019 at DSATM.
9. Attended 5-day FDP on “**Blockchain Technology**” at DSATM organized by Dept of ISE from 28th June to 2nd July 2019.

Contact Details

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