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| Name of Faculty | Dr. A. SIRISHA | |
| Designation | Assistant Professor | |
| Nature of Job/Appointment | Regular | |
| Date of Joining | 13 – 09 - 2005 | |
| E-mail | asirisha_it@cbit.ac.in | |

| Education Qualifications | Name of the Degree | Class |
|---|---|---|
| Ph. D | Doctor of Philosophy (CSE) | Awarded |
| PG | M. Tech. (CSE) | First/Distinction |
| UG | B. Tech. (CSE) | First/Distinction |

**Work Experience**

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|---|---|
| Teaching | 18 Years 8 months |
| Research | 08 years |
| Industry | -- |
| Others | -- |
| Area of Specialization | Machine Learning, Deep Learning, Artificial Intelligence, Data Science and Image Processing |
| Professional Memberships | -- |
| Responsibilities held at Institution Level | Member, Institute Level NIRF Committee |
| Responsibilities held at Department Level | 1. Member Board of Studies – IT & Board of Studies –AI&DS<br>2. Department Level-Coordinator for NBA Inspection - 2017, 2021<br>3. Department Level-Coordinator for NAAC 2017.<br>4. Member, DAB – IT<br>5. Member, PAQIC - IT<br>6. Department Level-Coordinator for NIRF – 2019, 2020, 2021.<br>7. Department level Placement coordinator.<br>8. Member, Course Expert Group |
| Research Guidance | -- |
| Awards Received | -- |
| Courses Handled at Under Graduate / Post Graduate Level. | Programming in C, OOP through C++, JAVA Programming, DBMS, Operating Systems, Theory of Automata, Compiler Design, Data Mining and Data Warehousing, Digital Electronics and Logic Design, Advanced Algorithms, Machine learning, Web mining and Biometric security, Software Engineering, Data Analysis and Visualization |

| No. of Papers Published | National Journals – 00 | International Journals – 06 |
|---|---|---|
| | National Conference – 01 | International Conference – 09 |

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| Projects Carried out | -- |
| Patents | -- |
| Technology Transfer | As a Resource person provided skill development training as part of a hands-on training program in Advanced Java Programming organized by Sir C R Reddy Polytechnic College, Vatluru, Eluru, Andhra Pradesh from 01-04-2023 to 05-04-2023 for the final year Polytechnic students of computer science. |
| Invited Speaker | 1. As a Resource person delivered a expert talk on Turing Machines in the FDP-Finite Language and Automata Theory, |

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| | organized by Dept. of CSE, Vidya Jyothi Institute of Technology, Hyderabad on 23-02-2016. |
| | 2. Delivered lectures as a resource person for campus recruited students of CBIT, two week "Infosys Campus Connect Foundation Programme" organised by Depts. of IT & CSE, CBIT, Hyd. from 09-02-15 to 14-02-15 & 02-03-2015 to 07-03-15 |
| No. of Books/Chapter Published with details | 1. Sirisha Alamanda, "A Neural Network based Social Distance Detection", Lecture Notes on Data Engineering and Communications Technologies , 2022, 96, pp. 213–224, Springer Nature Singapore Pvt. Ltd. |
| | 2. Sirisha A, Nihitha V, Deepika B. " Phishing URL Detection Using Machine Learning Techniques" in Lecture Notes in Electrical Engineering (LNEE) Book Series volume 698, pp 1067-1080, Oct 2020, Electronic ISSN:1876-1119, Springer Link https://www.springerprofessional.de/en/phishing-url-detection-using-machine-learning-techniques/18471950 |
| Details of Short-Term Training Programs/ Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**). | 1. Coordinator for a one-week Faculty Development Program (FDP) on "Data Analytics using R" from 20-03- 2017 to 25-03-2017 |
| | 2. Successfully completed 3-Days FDP on "ICT Tools for Effective Teaching Learning" organized by IQAC, Kamala Nehru Mahavidyalaya , Nagpur from 8-06-2021 to 10-06-2021 |
| | 3. Successfully completed 10 Days- FDP on "Deep Learning and AI Applications", organized by IT Department, Vasavi College of Engineering (Autonomous), Hyderabad, E&ICT Academy, National Institute of Technology (NIT) Warangal 21.06.2021 to 30.06.2021 |
| | 4. Successfully completed one-week STC "Data Warehousing & Data Mining" organized by Jawaharlal Nehru Technological University Hyderabad sponsored by UGC-HRDC from 04-01-2021 to 09-01-2021 |
| | 5. Successfully completed one-week AICTE sponsored STTP on " Writing and publishing high impact research publications and scientific documents." Organized by IT Department, Rajalakshmi Engineering College ,Chennai, Tamil Nādu from19-10-2020 to 24-10-2020 |
| | 6. Successfully completed one-week AICTE sponsored STTP on "Building Intelligent Applications with Deep learning using pytorch " organized by CSE Department, Rajalakshmi Institute of Technology, Chennai, Tamilnadu from 12-10-2020 to 17-10-2020. |
| | 7. Successfully completed one-week Faculty Development Programme on "Data Science Applied to Industries" , organized by Directorate of Faculty Development Center Jawaharlal Nehru Technological University Kakinada from 17-08-2020 to 21-08-2020 |
| | 8. Successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" at College of Technology and Engineering, Udaipur during 22-06-2020 to 26-06-2020. |
| | 9. Participated and successfully completed a One Week Online FDP on "Outcome based Education and NBA Accreditation Process (UG)" organized by CBIT, Hyderabad, during 28-05-2020 to 01- 06-2020. |
| | 10. Successfully completed one-week online Faculty Development Program on "Artificial Intelligence and Machine Learning " conducted by Department of Computer Science and Engineering, CMR Technical Campus in association with AI Centre of Excellence partnered with Blackbuck Engineers during 18-05- 2020 to 22-05 2020. |
| | 11. Successfully completed 5-days online FDP on "Artificial Intelligence " organized by CBIT & Brain O Vision Pvt Ltd. From 22nd May 2020 to 26th May 2020. |
| | 12. Successfully completed A one week AICTE Training And Learning (ATAL) Academy FDP on "Artificial Intelligence" at Indian Institute of Information Technology (IIIT) Nagpur during 16-05-2020 to 20-05-2020 |

13. Successfully completed A 10-days online Faculty Development Program -on "Deep Learning" organized by IIT-Roorkee during04-05-2020 to 13-05-2020.
14. A 4-Day online Webinar/workshop on "Blockchain Technologies for Smart Contracts", organized by Center of Excellence in Cloud Computing and Blockchain Technologies, Department of Information Technology, Thadomal Shahani Engineering College, Bandra (Mumbai) during 03-05-2020 to 06-05-2020.
15. Successfully completed a 7week course in Coursera "Programming for Everybody (Getting Started with Python)" in May 2020.
16. Successfully completed a course in Coursera "Neural Networks and Deep learning "in May 2020.
17. Completed a 12 week -NPTEL online certification on "Data Analytics using Python" in April 2020.
18. Completed a 12 Weeks NPTEL Course on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 Semester.

Details of Journal Publications/ Conferences **(National and International)**
**International Journal from the year 2017**
1. Sirisha Alamanda , Suresh Pabboju, Narsimha Gugulothu ,"Authorship Attribution Using Sequential Part-of-Speech Pattern Mining", Revue d'Intelligence Artificielle, ISSN : 1958-5748 (online) pp:139- 146, DOI: https://doi.org/10.18280/ria.370117
2. Alamanda, S., Pabboju, S.Narasimha, G. "An Automated Framework for Enterprise Financial Data Pre-processing and Secure Storage", International Journal of Advanced Computer Science and Applications, 2021, 12(7), pp. 802–812
3. Sirisha Alamanda, Durga Prasad P, Venkat Teja V (2020), "The Vehicle Speed Control & Alert System based on the Drowsiness of the Driver ", International Journal of Advanced Science and Technology, Vol. 29, No. 6, (2020), pp. 5577 – 5586.
4. Sirisha Alamanda, Vaishnavi Devi Gujjari," Recommendations of Insurance Products based on User Behaviour", International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 9,Issue VI, 2021 ,ISSN: 2321-9653,https://doi.org/10.22214/ijraset.2021.35642
5. Sirisha Alamanda , Suresh Pabboju , "Prediction of COVID-19 Cases with Time Series Analysis and Machine Learning", International Journal of Engineering and Techniques ,Volume 7, Issue 3, 2021. ISSN: 2395-1303
6. A. Sirisha, T.Prathima, P Sneha,"N-Gram and Vocabulary Based Authorship Identification",
7. AEGAEUM Journal, Volume 9, Issue 6, 2021, UGC-CARE Group-II Approved Journal. ISSN: 0776-3808

**International /National Conferences from the year 2017**

1. Sirisha Alamanda, Pragathi Priyadarsini (2023), "Book Donation Camp", 18th SINSR Global Marketing Conference,9th-10th Feb 2023.
2. Sirisha Alamanda, Prathima T ,Vemuluri Praneeth Prasad (2022), "Automatic Vehicle Signal Enabling System", Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing: ICCIC 2022, 27-28 Dec, Vol-1.
3. Sirisha Alamanda , Suresh Pabboju, Narsimha Gugulothu (2022),"N-Gram based Convolutional Neural Network Approach for Authorship Identification", Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing: ICCIC 2022, 27-28 Dec, Vol-2.
4.
5. Sirisha Alamanda (2022) , "Genetic Disorder Prediction using Machine Learning Techniques", 2nd International conference on Artificial Intelligence and Knowledge Processing (AIKP'22) on 22nd and 23rd July 2022..Conf. Proceeding ISBN: 978-93-5768-073-8.
6. Sirisha Alamanda(2021), "A Neural Network based Social Distance Detection", 3rd International conference on Innovative Data Communication Technologies and Applications (ICIDCA 2021),20-21 August 2021.
7. Veena Madhuri. S, Sirisha. A (2021),"Stock Price Prediction on News Data and Market Data Using ML Techniques", International e-Conference on Emerging Trends in Circuit-Branch Technologies and Applications (ETCTA2021), 3rd-4th April 2021,PP: 111-120. ISBN: 978-1-68576-062-5.
8. Pravallika Elluri, Sirisha Alamanda,(2021)," Survey on Diabetic Retinopathy Detection", International e-Conference on Emerging Trends in Circuit-Branch Technologies and Applications (ETCTA2021), 3rd-4th April 2021, PP: 261-266. ISBN: 978-1-68576-062-5.
9. A. Sirisha, V. Nihitha, B. Deepika (2019),"Phishing URL Detection using machine learning Techniques", International Conference on Advances in Computing and Communication Technologies – ICACCT 2019 on 16th & 17th December 2019 at CMR College of Engineering & Technology, Hyderabad. Proceedings in Lecture Notes in Electrical Engineering 2021, 698, pp. 1067-1080, DOI: 10.1007/978-981-15-7961-5_99

10.      Sirisha Alamanda, Suresh Pabboju, Gugulothu Narsimha (2017), "An approach to mine Time Interval based Weighted Sequential Patterns in Sequence databases" , 13th International Conference on Signal Image Technology and Internet-Based Systems (SITIS 2017), pp 29-34. Dec 4th-7th, 2017 at MNIT, Jaipur, Rajasthan. https://ieeexplore.ieee.org/document/8334721