Personal Information

Name	Ms Kandula Neha
Years of Experience	Teaching: 4 Years Research: NIL Industry: 2 Years
Email Id	neha.k@bvrithyderabad.edu.in
Areas of Specialization	Computer Science and Engineering

Educational Qualifications

Doctoral Degree	Ph.D.	CSE – (Enrolled in 2019 – Pre-Thesis submission is done)
PG Degree	M.Tech.	Computer Science and Engineering
UG Degree	B.Tech.	Computer Science and Engineering

Patent Published:

1. ELSM- Quantum Computing: EXTREMELY LARGE DATABASES STORE INTO A SMALL MEMORY USING QUANTUM COMPUTING no. 2020102026.

Papers Published

International Journal Publications

1. Kandula Neha, Jahangeer Sidiq, Zaman, M. (2021). Deep neural network model for identification of predictive variables and evaluation of student's academic performance. Revue d'Intelligence Artificielle, Vol. 35, No. 5, pp. 409-415. https://doi.org/10.18280/ria.350507.

2. Kandula Neha, S Jahangeer Sidiq. A Study on Prediction of Student Academic Performance based on Expert Systems, *Turkish Journal of Computer and Mathematics Education Vol.12 No. 7 (2021), 1483-1488* https://doi.org/10.17762/turcomat.v12i7.2950.

3. Siddhartha Ghosh, Kandula Neha, Sushanth Mogili, Pranav Pisipati. Applications of Data Science and Machine Learning in E-Commerce, The International journal of analytical and experimental modal analysis, Volume XIII, Issue I, January/2021, ISSN NO:0886-9367, Page No:893

4. Siddhartha Ghosh, Kandula Neha, Nikhitha Bijjala, Manojna Yakkaladevara, Applications of Data Analytics in E-Governance, The International journal of analytical and experimental modal analysis , Volume XIII, Issue I, January/2021, ISSN NO:0886-9367, Page No:886.

5. Kandula Neha, Jahangeer Sidiq. Analysis of Student Academic Performance through Expert systems. *International Research Journal on Advanced Science Hub*, 2020; 2(Special Issue ICIES 9S): 48-54. doi: 10.47392/irjash.2020.158

6. Kandula Neha. Role of Artificial Intelligence in Education, Alochana Chakra Journal, ISSN NO:2231-3990, Volume IX, Issue IX, September/2020, ISSN NO:2231-3990,Page No:305.

7. Siddhartha Ghosh, Kandula Neha, Y Praveen Kumar. Data Wrangling using Python, Proceedings International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019, Retrieval Number: B14270982S1119/2019©BEIESP | DOI: 10.35940/ijrte.B1427.0982S1119

8. Siddhartha Ghosh, Kandula Neha. Social Media Analytics using Qlik Connectors, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019.

9. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Self-Learning & Placements, International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM), Volume 54 Issue 1, ISSN 2320-6608, April 2019.

10. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Use of Natural User Interface in E-Learning, International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM), Volume 54 Issue 1, ISSN 2320-6608, April 2019.

11. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Measuring Health Status at workplace, Global Journal of Engineering Science and Researches GJESR ISSN 2348 – 8034 DOI-10.5281/zenodo.1441091 Impact Factor- 5.070, September-2018.

12. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Student Performance and Academic Pattern Analysis, International journal of Scientific Research in Science Engineering & Technology © 2018 IJSRSET | Volume 4 | Issue 4 | Print ISSN: 2395-1990 | Online ISSN : 2394-4099, March - April 2018

13. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Enhancing Traditional Academic Processes Using Analytics, IICMR International Research Journal I4,Vol,12, Issue 1,Feb 2018,ISSN No.0975 2757 SJIF 2016:4.8

14. Siddhartha Ghosh, Kandula Neha. Mobile Security, International Journal of Research, Special Issue in UGC Approved Journal e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 04 Issue 11 September 2017.

15. Siddhartha Ghosh, Kandula Neha. Mobile Phone and Android Security Issues, International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 6, Issue 10 October 2017.

16. Mandala Prathyusha, Kandula Neha. Detecting and Reducing the Effect of an Adversarial Corruption of Sensor Data in Liner Dynamical System, International Journal For Technological Research In Engineering Volume 4, Issue 12, August-2017.

17. Kandula Neha, Mandala Prathyusha. Detecting Malicious Facebook Applications by Implementing an Accurate Classifier, International Journal for Technological Research In Engineering Volume 4, Issue 12, August-2017.

International Conference Publications

1. Kandula Neha, Ram Kumar, Jahangeer Sidiq. S, Zaman.M. (2023). Deep Neural Networks Predicting Student Performance. Proceedings of 3rd International Conference on Data Science and Applications (ICDSA 2022) held on March 26-27, 2022. Published In: Saraswat, M., Chowdhury, C., Kumar Mandal, C., Gandomi, A.H. (eds) Proceedings of International Conference on Data Science and Applications. Lecture Notes in Networks and Systems, vol 552. Springer, Singapore. https://doi.org/10.1007/978-981-19-6634-7_6.

2. Siddhartha Ghosh, Kandula Neha. Sales Analysis and Performance of super store using Qlik Geo Analytics, International Conference on Advances in Computational Intelligence and Informatics (ICACII-2019), Department of Computer Science and Engineering, Anurag Group of Institutions, Hyderabad, 20th and 21st December 2019. Published in , Advance in Computational Intelligence and Informatics, pp 151-157,Lecture Notes in Networks and Systems book series (LNNS, volume 119), https://doi.org/10.1007/978-981-15-3338-9_19

3. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Aviation Safety Analysis using Data Analytics, Proceedings in International Conference on Communication and Advance Computing (ICOCAC-2018), Dept of Computer Science, Electronics & Communication and Electrical & Electronics Engineering, K G Reddy College of Engineering & Technology, Hyderabad, 20th & 21st December 2018, Published in , JASC Journal of Applied Science and Computations, Volume VI, Issue 11, ISSN NO : 1076 - 5131, February 2019.

4. Siddhartha Ghosh, Kandula Neha, Ballari Saha. Data Analytics in Academics, Proceedings in International Conference on Data Science and Analytics (ICDSA - 17) Rathinam College of Arts and Science, Dept of Computer Science, Coimbatore, 23rd September 2017, Published by CiiT – Coimbatore Institute of Information Technology

Books & Book Chapter

1. Kandula Neha, Ram Kumar, Monica Sankat. "A Comprehensive Study on Student Academic Performance Predictions Using Graph Neural Network." Concepts and Techniques of Graph Neural Networks, edited by Vinod Kumar and Dharmendra Singh Rajput, IGI Global, 2023, pp. 167-185. https://doi.org/10.4018/978-1-6684-6903-3.ch011

2. S. Jahangeer Sidiq, Sibani Mohanty, Kandula Neha, "Data Mining in Practice", LAP LAMBERT Academic Publishing (January 19, 2021), ISBN-10 : 6203303615.

FDP's and Workshop Attended

1. "RECENT TRENDS AND ADVANCEMENT IN COMPUTER SCIENCE" FDP organized by Vidya Jyothi Institute of Technology, Hyderabad, from 22nd to 28th July,2020.
2. "DATA SCIENCE AND ANALYTICS" FDP organized by Anurag University, Hyderabad from 7th to 11th July,2020.
3. "SKILL DEVELOPMENT FOR EFFECTIVE RESEARCH AND TEACHING - LEARNING PROCESS" FDP organized by ANITS, Vishakapatnam from 8th to 12th June,2020.
4. "ADVANCE ARTIFICIAL INTELLIGENCE AND DATA ENGINEERING" FDP organized by Vidya Jyothi Institute if Technology, Hyderabad from 8th to 11th June,2020.
5. "ADVANCEMENT IN TECHNOLOGIES A RESEARCH PERSPECTIVE" FDP organized by Anurag University from 26th to 30th May, 2020.
6. "ONLINE FACULTY AWARENESS PROGRAM ON RESEARCH METHODOLOGY" FDP organized by Shri Chhatrapati Shivaji raje College of Engineering from 20th to 25th May, 2020.
7. "FACULTY PROGRAM ON NBA" organized by Bharathi Vidyapeeth College of Mumbai, on 13th May,2020.
8. "FUNDAMENTALS OF WRITING A RESEARCH PAPER" FDP organized by St Ann's Degree and PG College on 6th May ,2020.
9. "WOMEN IN DATA SCIENCE" conference organized by WIDS Hyderabad at Amazon Development center, Hyderabad on 15th February 2020.
10. "ARTIFICAL NEURAL NETWORK AND DEEP LEARNING" Organized by JNTUH, Hyderabad – AICTE sponsored from 4 - 8 November 2019.
11. "GOOGLE CLOUD CAREER READINESS" Faculty Event workshop Organized by Google in Bangalore on September 27, 2019.
12. "MACHINE LEARNING FOR INDUSTRIAL APPLICATIONS" Organized by Smart Bridge in collaboration with CYIENT & IBM at CYIENT Ltd from 11 - 15 June 2018.
13. "PEDAGOGY FOR ONLINE AND BLENDED TEACHING - LEARNING PROCESS" Conducted by Indian Institute of Technology Bombay (IITB) AICTE approved (FDP201X) from May 3, 2018 to May 30, 2018.
14. "FOUNDATION PROGRAM IN ICT FOR EDUCATION" Conducted by Indian Institute of Technology Bombay (IITB) AICTE approved (FDP101X) from March 8, 2018 to April 12, 2018.
15. "BUILDING TEACHER EFFECTIVENESS" at Hyderabad conducted by TASK on 14 & 15 December 2017.
16. "INTERNET OF THINGS" Organized by the E & ICT Academy, National Institute of Technology, Warangal at BITS from 20 - 25 November 2017.

Certifications

1. Salesforce Certified Administrator (ADX-201) – May 2022
2. Salesforce Certified Platform Developer I (DEX – 450) – Feb 2022.
3. Salesforce Certified Platform App Builder (DEX – 403) – Oct 2021.
4. Google Data Analytics – Coursera – June 2021.
5. Learning Data Analytics – Coursera – June 2021.
6. AI for Everyone – Coursera – 2020
7. Neural Network and Deep Learning – Coursera – 2020
8. Convolution Neural Network – Coursera – 2020
9. Social Media Data Analytics – Coursera – 2020
10. IBM – Deep Learning _ Cognitive Class - 2020
11. Digital Skills: Artificial Intelligence – Accenture – Future Learn – May 2020.
12. Deep Learning using TensorFlow – IBM Coursera – April 2020.
13. Data Wrangling and Data Visualization in R – Eduonix – 2020
14. E-Guide to learn Exploratory Data Analysis in R – Eduonix – 2020
15. HTML 5 and CSS for Beginners – Eduonix – 2020
16. Blue Prism RPA Foundations – Blue Prism – 2020
17. Introduction to Artificial Intelligence – Simpli Learn – 2020.
18. Architecting with Google Compute Engine completed the online, non-credit Specialization course in collaboration with Google Cloud and Coursera - Oct 2019.
19. QLIK certified for Qlik Sense Business Analyst Qualification February release 2019 – June 2019.
20. GNIIT For Engineers – Enterprise Application Development – NIIT – April 2019.
21. Data Visualization with R – Cognitive Class – April 2019.
22. Android App Development – The Climber – March 2019.
23. MTA: Database Fundamentals – Microsoft – Sept 2018.
24. MTA: HTML5 Application Development Fundamentals – Microsoft – July 2018.

Any Other Achievements

➢ Worked as Research Assistant for RCI Funded – DRDO Project "**Mobile Hardening**" in Vidya Jyothi Institute of Technology during 2017 – 2019.