

Name of Faculty Smt.E. SWATHI
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 20 – 06 - 2018
 E-mail eswathi_cse@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Pursuing	
PG	M. Tech. (CSE)	Distinction
UG	B. E. (CSE)	Distinction

Work Experience

Teaching	7 Years
Research	5 years
Industry	--
Others	9 Months

Area of Specialization Machine Learning, Deep Learning, Data mining

Professional Memberships Life time member, CSI, Number: I1510495

Responsibilities held at Institution Level

1. Member of Decoration committee of SHRUTHI 2022.
2. Member of Internship committee
3. Member of Support Team, Coding school
4. A member of Cyber Committee of SUDHEE 2020-2021
5. A member of Literary Arrangements Committee of SHRUTHI 2019-2020
6. A member of Literary Arrangements Committee of SHRUTHI 2018-2019.
7. Academic Committee member for SHRUTHI 2016-17.
1. Attendance in-charge of IV sem CSE-3 in the academic year 2021-22.
2. Attendance in-charge of III sem CSE-1 in the academic year 2021-22.
3. Student online attendance portal during 2020-2022 academic year.
4. Class in-charge of VI sem CSE-3 in the academic year 2020-21.
5. Student online attendance portal during 2019-2021
6. Department files organization during 2015-2016
7. Member of CSE-INNU which formed to carry out NBA work
8. Organizing committee member in Fast and Furious, HeadStart-2019.
9. Organizing committee member in Tic Tech Toe, HeadStart-2018.
10. Staff coordinator for Capture the Flag event of HEADSTART, conducted in 2017.
11. Staff coordinator for Design Freaks event of HEADSTART, conducted in 2016.
12. Staff coordinator for C STAR event of HEADSTART, conducted in 2015.

Responsibilities held at Department Level

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Basics of Data Structures, DCCN, LST, Machine learning using Python, Java programming, Programming and problem solving, Web Technologies, OOP in C++

No. of Papers Published National Journals – International Journals – 4

National Conference – 01 International Conference – 01

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker
 1. Trainer for InfyTQ online training program
 2. Resource person for "A Three Day Workshop on OOP"

through C++", CSE Dept. CBIT, June-2017".

No. of Books/Chapter Published with details

1. Participated in a One Week Online FDP on "Emerging Trends in Artificial Intelligence" organized by Bhimavaram Institute of Engineering & Technology and Blackbuck Engineers Pvt Ltd from 25-31 May, 2022.
2. Attended a STTP on "Cyber Security" during 16th to 20th May 2022 organized by CBIT.
3. Attended a 40-hours online program on "Data Science for ALL" jointly organized by the Electronics and ICT Academies at IIT Roorkee, MNIT Jaipur, NIT Patna, PDPM IIITDM Jabalpur and NIT Warangal during March 22 – April 1, 2022.
4. Attended 8-hours FDP on "Microsoft Azure Data Fundamentals" organized by epitome.ai during 29th March to 31st March 2022.
5. Attended 8-hours FDP on "Microsoft Azure ML and AI" organized by epitome.ai during 15th March to 17th March 2022.
6. Completed online 7-Day "Design Thinking" course organized by Turnip Innovations during 7th March to 13th March, 2022.
7. Attended a webinar on "Natural Language Processing: Applications and Challenges" organized by CBIT on 11th March.
8. Completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Data Science with Statistical Methods using R Programming- Basic Course" from 10/01/2022 to 14/01/2022 at Amity University Uttar Pradesh, Lucknow Campus.
9. Attended a state conference for Academicians and Researchers organized by Swecha on 28/11/21.
10. Attended 5-day ATAL Academy Online Elementary FDP on "Computational Oriented Numerical Analysis" from 23/08/2021 to 27/08/2021 at Samrat Ashok Technological Institute.
11. Attended 5-day online FDP on "Inculcating Universal Human Values in Technical Education" organized by AICTE from 16th – 20th August 2021.
12. Attended 9-day online FDP programme on "Artificial Intelligence Applications in Software Engineering" from 6th - 14th July 2021 organized by E&ICT NIT Warangal.
13. Attended a National Level One Week FDP on Research areas in Artificial Intelligence & Machine Learning with Case Studies organized by Gokaraju Rangaraju Institute of Engineering and Technology from 14-20 June 2021.
14. Attended 2-day Online workshop on "COVID-19 Data Analysis and Forecasting" organized by Finland Labs during 12th-13th June 2021.
15. Attended online elementary FDP on "Applied machine learning and data science" organized by IIIT Dharwad under ATAL scheme during 15th – 21th May 2021.
16. Attended 5-day online continuing education program on "Deep learning and its applications" organized by NIT Warangal during 26th -30th April 2021
17. Attended AICTE - Sponsored One Week Short Term Training Program on "Data Science for Big Data Analytics in Cloud using Advanced Tools" organized by Department of CSE, CBIT during 14-12-20 to 19-12- 2020
18. Successfully completed and secured grade A+ in "LaTeX101x: LaTeX for Students, Engineers, and Scientists" online course conducted from 15-07-2020 to 15-12-2020 offered by IIT Bombay.
19. Attended 1-day free online International workshop on "Creation of Educational Posters" organized by Universal Teacher Academy (UTA), Puducherry 13-09-2020.
20. Attended 1-day free online International workshop on "Creation of Educational GIFs" organized by Universal Teacher Academy (UTA), Puducherry 6-09-2020.
21. Attended 5-day free online national workshop on "Audio and Video editing" organized by Universal Teacher Academy(UTA), Puducherry during 21-08-20 to 25-08-August, 2020.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).

22. Attended a 2-day online workshop on "Effective Technical Report Writing using LaTeX" organized by MGIT, Hyderabad during 8-06-20 to 9-06-2020
23. Attended one week online global E-Symposium on "Global Pandemic Outbreak: Role of Technology and Automation" organized by JSS Academy of Technical Education, Noida during 01-06-20 to 5-06-2020.
24. Attended one-week online FDP on "Outcome Based Education and NBA Accreditation Process (UG)" organized by CBIT during 28-5-2020 to 1-6-2020.
25. Participated the Leadership Talk with Dr. Nilesh N oak held on 30-05-2020 conducted by MHRD's Innovation Cell
26. Participated the Leadership Talk with Mr. Maheh Babu held on 23-05-2020 conducted by MHRD's Innovation Cell
27. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28-04-20 to 22-05- 2020.
28. Attended one-week online FDP on "FDP on Artificial Intelligence and Machine Learning" organized byCMR Technical Campus, Hyderabad during 18th – 22nd May 2020.
29. Participated the Leadership Talk with Dr. Pramod Chaudhari held on 16-05-2020 conducted by MHRD's Innovation Cell
30. Attended one-week online FDP on "Outcome Based Education: A Step Towards Excellence" organized by Govt. College of Engineering, Karad during 11-05-20 to 15-05-May 2020.
31. Participated in the Leadership Talk with Prof. D. P. Singh held on 9th May 2020 conducted by MHRD's Innovation Cell
32. Participated the Leadership Talk with Dr. Madhuri Kanitkar held on 2nd May 2020 conducted by MHRD's Innovation Cell
33. Completed 12-week NPTEL course on "Computer Networks and Internet Protocols" offered by IIT Kharagpur during Jan-April, 2020.
34. Completed 8-week NPTEL course on "Data Mining " offered by IIT Kharagpur during Jan-April, 2020.
35. Completed 8-week NPTEL course on "NBA Accreditation and Teaching – Learning in Engineering (NATE) " offered by IISc Bangalore during Jan-April, 2020.
36. Attended 5 days' school on "Machine Learning, Deep Neural Networks and ASR(ASR-19)" at NERTU, Osmania University, During 8-12 March 2020.
37. Attended a conference on "International Conference on Algorithms and Discrete Applied Mathematics (CALDAM 2020)" IIT Hyderabad, During 13th – 15th February 2020.
38. Attended a talk on "Access to Research Process- Schools of thought Talk" at CBIT on 18th October 2019.
39. Completed NPTEL-AICTE one-week FDP on "Data Science for Engineers" Online course, During Jan-March 2019(8 weeks course).
40. Attended one-week FDP on "Avenues for Technology and Research in IoT" during 11th – 16th Dec, 2017 in MGIT
41. Attended one-week FDP on "Transforming into Better Performers" during 27/11/2017 to 1/12/2017 conducted by ITC, CBIT
42. Attended one-week FDP on "Meeting the Challenges of Teacher in Modern Engineering Education" during 12/06/2017 to 17/06/2017 conducted by ITC, CBIT
43. Attended two days national workshop on "Emerging Trends in Computer Science" conducted at CBIT on 30th and 31st march 2017
44. Attended two-day international workshop on "Big Data and Machine Learning" on 27th – 28th march 2017 at CBIT
45. Attended two days national workshop on "Internet of Things Using Raspberry Pi 3" conducted at CBIT on 6th and 7st march 2017
46. Attended TEQIP workshop on "Teacher Effectiveness: Workshop for Women Teachers" organized at IIT Hyderabad on 3th and 4st march 2017
47. Attended one-week national level FDP on "Emerging Trends, Issues and Challenges in Big Data and Cloud

Computing” during 20/2/2017 to 25/2/2017 conducted in CBIT.

Details of Journal Publications/
Conferences **(National and
International)**

International Journal

1. Edem Swathi(2021) “ Handwritten Telugu Script Recognition: A Deep Learning Approach”, The GIS Science Journal, volume 8, issue 11, pg 1466-1474, 2021
2. Edem Swathi(2021) “A Survey on Deep Learning Approaches to Recognize Handwritten Telugu Character”, The International journal of analytical and experimental modal analysis, V13(6),364-367.
3. Edem, S.: A study on the malware analysis with machine learning methods. IJRAR (2019).
4. Tarwani, K.M., Edem, S.: Survey on recurrent neural network in natural language processing. Int. J. Eng. Trends Technol. 48, 301–304 (2017). <https://doi.org/10.14445/22315381/IJETT-V48P253>

International /National Conferences

1. Rana, Madhurima, and Swathi Edem. "An Efficient Deep Learning Based Approach for Malware Classification." Machine Learning Technologies and Applications: Proceedings of ICACECS 2020. Springer Singapore, 2021.
2. Edem Swathi, G. Vivek and G. Sandhya Rani, "Role of hash function in cryptography", Int. J. Adv. Eng. Res. Sci.(JAERS), 2016.