Name of Faculty	Dr. Sangeeta Gupta	
Designation	Associate Professor	
Nature of Job/Appointment	Regular	
Date of Joining	01 - 07 - 2019	
E-mail	sangeetagupta_cse@cbit.ac.in	

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

Work Experience	
Teaching	17 Years
Research	07 years
Industry	--
Others	--
Area of Specialization	Cloud Computing with NoSQL, Bigdata Analytics, Blockchain Technology
Professional Memberships	IAENG: Member Number: 266640
Responsibilities held at Institution Level	Coordinator, R&D, CSE Department from December 2019 till date Member, Program Content Committee
Responsibilities held at Department Level	1. Member, BoS (CSE, AI/ML, IoT-CS&BCT) 2. NBA Criteria Incharge (UG & PG) 3. Course Coordinator (UG-BCT,DSBDA,FDS) 4. NAAC Criteria Incharge 5. Class Incharge 6. Member, Course Expert Group 7. Internship Evaluator
Research Guidance	--
Awards Received	Received Best paper award in International Conference ICICSE, organized by Guru Nanak Institutions during Aug 2018 Certified topper in Cloud computing and Database systems NPTEL certification course during 2018-2019
Courses Handled at Under Graduate / Post Graduate Level.	Data science and BDA, Advanced Data Structures, Data Preparation and Analysis, Blockchain Technology, Software Engineering, Fundamentals of Data Science, FDBMS.
No. of Papers Published	National Journals – -- International Journals – 15 National Conference – -- International Conference – 10
Projects Carried out	Completed GPS Tracking Project in Association with Kernel Sphere from 24-04-2020 to Oct 2020. Associated with Panace.ai and mentored Software Developer Interns from 1-OCT-2022 to 1-DEC-2022.
Patents	1. Application Number : 202041008575 Title of the Invention : Smart City Initiatives On Secure Public Cloud Using Open Hardware And Software Standards 2. Application Number : 202241009509 Title of the Invention : Maintain E-Voting Data Confidentiality And Integrity As Per Mca Guidelines Using PKI Infrastructure
Technology Transfer	--

Invited Speaker	1. Resource Person for Webinar on "Essentials of Computing" on 28th Sep 22 at St. Martins Engineering College, Hyderabad. 2. Resource Person for 2 Days online Workshop from 24th-25th June 2022 on "Blockchain" at MLRIT, Hyderabad. 3. Delivered a Guest Lecture on " Data Analytics" at JNTUH CES on 1-11-2021. 4. Keynote Speaker talk on "Blockchain Technologies" for a 1-week FDP on "Blockchain and its Applications" conducted by Brainovision, Hyderabad, on 10-6-2020.
No. of Books/Chapter Published with details	1. Dr.Sangeeta Gupta, G.Narsimha "Secure and scalable NoSQL for the Applications Deployed in Cloud", with ISBN 978-620-2-68517-7 by Lambert Academic Publishers. 2. Dr.Sangeeta Gupta, Understanding Blockchain and its applications" Academic Publishing, ISBN-1978-620-3-92211-0. 3. Sangeeta Gupta, Saini H., Sayal R., Govardhan A., Buyya R. "Unstructured Data Analysis with Passphrase-Based REST API NoSQL for Big Data in Cloud", in (eds) Innovations in Computer Science and Engineering. Lecture Notes in Networks and Systems, vol 74. Springer, Singapore, June 2019, pp 457-463, DOI :10.1007/978-981-13-7082-3_52. 4. Sangeeta Gupta, G.Narsimha, "Efficient Query Analysis and Performance Evaluation of the Nosql Data Store for BigData", in proceedings of the First International Conference on Computational Intelligence and Informatics: Advances in Intelligent systems and computing, Springer Science publications, DOI: 10.1007/978-981-10-2471-9_53, pp:549 558(2016). 5. Gupta, S., Athyaab, S.A., Harsh Raj, J. (2022). ChefAI Text to Instructional Visualization Using Amazon Web Services. In: Bhateja, V., Satapathy, S.C., Travieso-Gonzalez, C.M., Adilakshmi, T. (eds) Smart Intelligent Computing and Applications, Volume 1. Smart Innovation, Systems and Technologies, vol 282. Springer, Singapore. https://doi.org/10.1007/978-981-16-9669-5_24. 6. Gupta, S., Mishra, R. (2022). The Necessity to Adopt Big Data Technologies for Efficient Performance Evaluation in the Modern Era. In: Saraswat, M., Sharma, H., Balachandran, K., Kim, J.H., Bansal, J.C. (eds) Congress on Intelligent Systems. Lecture Notes on Data Engineering and Communications Technologies, vol 111. Springer, Singapore. https://doi.org/10.1007/978-981-16-9113-3_45. 7. Gupta S. et al., (2022). Smart Home Infrastructure with Blockchain-Based Cloud IoT for Secure and Scalable User Access. In: Dua M., Jain A.K., Yadav A., Kumar N., Siarry P. (eds) Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-5747-4_24 8. Mujeeb S., Gupta S. (2022) Fake Account Detection in Social Media Using Big Data Analytics. In: Reddy A.B., Kiranmayee B., Mukkamala R.R., Srujan Raju K. (eds) Proceedings of Second International Conference on Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-7389-4_57.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	1. Organized a webinar on "Research Trends in Emerging Technologies" Jointly by R&D Centre and CSE Department, CBIT on 20-11-2021. 2. Organized One Day Webinar on 12th March 2022 "Education 4.0 Transforming the Future of Education", R&E HUB,CBIT. 3. Convenor for Research Day, organized by Research and Development Centre, R&E Hub, CBIT on Saturday, 28 August 2021. 4. Organized an AICTE ATAL FDP on "Blockchain" from 4th to 8th January 2021 at CBIT, Hyderabad. 5. Organized an AICTE STTP on "Data Science for Bigdata Analytics in Cloud Using Advanced Tools" in 2 phases from 23rd

to 28th November 2020 and 14th to 19th December 2020 at CBIT, Hyderabad.

6. Attended the Five Day National Level Online FDP on "A Systematic Navigation from Research to Research Proposals " from 18th – 22nd August 2021, organized by Department of Information Technology in collaboration with Institutions Innovation Council, MVSR Engineering College, Hyderabad, Telangana.

7. Participated in the Hands on Workshop on "Patents, Trademarks and Copyrights" organized by Institute Innovation Cell (IIC) - CBIT, Chaitanya Bharathi Institute of Technology (Autonomous) on 17th July,2021.

8. Participated in the webinar on "National Education Policy -2020" conducted by KL University on 26-09-2020.

9. Attended 1 week National FDP on "Emerging Research trends and Advancements in Computer Science" from 2nd to 6th January 2023 organized by Dept of CSE,BIHER.

10. Participated in one week AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" organized by Vaagdevi College of Engineering sponsored by AICTE from 07-09-2020 to 11-09-2020.

11. Participated in one week AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" organized by Tripura Institute Of Technology sponsored by AICTE from 24-08-2020 to 28-08-2020.

12. Participated in the webinar on "Intellectual Property Rights and its role in the development of MSMEs, Startups and Academic Community" conducted by KL University on 20-08-2020.

13. Participated in the International Webinar on "Transforming Youth Into Responsible Citizens" organized by Lead India Foundation on 15-08-2020.

14. Participated in the National webinar on "Securing Your Research Paper From Getting Hijacked" organized by BVRIT Hyderabad on 14-08-2020.

15. Participated in the National Level Faculty Development Program on "Emerging Research Trends in Computer Science", organized by St. Mary's Engineering College, Hyderabad on 6-08-2020.

16. Participated in 3 days online National Level Workshop on "Real Time Intrusion Detection for cloud computing environment" jointly organized by VNRVJIET, Hyderabad and ASC, VIT (Deemed to be University), Chennai held during 29th Sep, 1st and 2nd October, 2020.

17. Participated in one-week FDP on "Advanced Data Science and Applications" organized by BVRIT Hyderabad, sponsored by RO Analytics from 22-6-2020 to 26-6-2020.

18. Attended a three days FDP on "Information Security & Cryptography" organized by Lendi Institute of Engineering and Technology, from 20-06-2020 to 22-06-2020.

19. Attended one day online Workshop on "Social Responsibility and Community Engagement" organized by CBIT on 17-6-2020.

20. Attended one day FDP on "Research Methodology - The Art of Writing Persuasive Project Proposals" organized by Santhiram Engineering College on 14-06-2020.

21. Attended one day workshop on "CO-PO Attainment Computation" organized by Inpods on 13-06-2020.

22. Attended one day webinar on "How to Get Research Grants from UGC", AICTE (international Webinar) organized by Mahatma Gandhi University, MAR BASIL Group of Institutions on 09-06-2020.

23. Participated in one-week online FDP on OBE for NBA organized by CBIT from 28-5-2020 to 2-6-2020.

24. Organized five day e-FDP on "Artificial Intelligence", at CBIT, in association with Brain-o-vision through online mode from 22-5-2020 to 26-5-2020.

25. Participated in one week AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" organized by Punjab Engineering College (Deemed to be University) sponsored by AICTE from 11-05-2020 to 15-05-2020.

26. Attended one day workshop on India First Leadership Talk, organized by MHRD'S Innovation Cell on 09-05-2020.

27. Participated in one week AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" organized by Dr. Babasaheb Ambedkar Technological University, Lonere, sponsored by AICTE from 30-04-2020 to 04-05-2020.

28. 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 28-04-2020 to 22-05-2020 during COVID-19 nationwide lockdown.

29. Participated in online Short-term Training Program on "Cloud Computing Security" authorized by University of Colorado offered through Coursera from 19-4-2020 to 17-5-2020.

30. Participated in online Short-term Training Program on "Introduction to Data Science in Python" authorized by University of Michigan offered through Coursera, from 12-4-2020 to 10-4-2020.

31. Participated in online Short-term Training Program on "Blockchain: Foundations and Use Cases" authorized by ConsenSys Academy offered through Coursera, from 05-4-2020 to 13-5-2020.

32. Organized a Guest Lecture on "Blockchain Technologies" at CBIT (A) on 25-1-2020.

33. Participated in one-week Faculty Development Programme on "Computational Approach in Big Data Analytics Applications", by Electronics & ICT Academy, NIT Warangal, at Vasavi College of Engineering sponsored by Ministry of Electronics and Information Technology (MeitY), GOI from 16-12-2019 to 21-12-2019.

34. Attended a one day National seminar on "IoT for Real world" organized by CBIT on 28-10-2019.

35. Attended a one day workshop on "Access to Research Process-School of Thoughts" organized by CBIT on 18-10-2019.

36. Conducted a one day Seminar on "Data Science with BDA" at CBIT on 19-10-2019.

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

International Conferences:

1. S. Gupta and K. Agrawal, "NoSQL Cloud based Bigdata technologies for efficient performance evaluation in the modern era," 2022 14th International Conference on Computational Intelligence and Communication Networks (CICN), Al-Khobar, Saudi Arabia, 2022, pp. 350-354, doi: 10.1109/CICN56167.2022.10008325.

2. Talluri, A, Gupta, S. (2022).Gender Prediction Based on Morphometry of Eyes Using Deep Learning Models, ECS Transactions, IoP Science, Volume 107, Number 1, 6665 - 6675, 2022, doi: 10.1149/10701.6665ecst.

3. Gupta S., Ramadevi Y., Yadav A.K., Yadav C.S. (2021) Secure Blockchain with the Internet of Things(S-BIoT) for Modern World Applications. In: Manik G., Kalia S., Sahoo S.K., Sharma T.K., Verma O.P. (eds) Advances in Mechanical Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-16-0942-8_57.

4. Gupta S, Ramadevi Y, Agarwal K, Shekhar Yadav C. (2021). COVID pandemic analysis using Auto-Regression-Based moving average method. Epub ahead of print. PMID: 33654660; PMCID: PMC7906013.

5. Sangeeta Gupta (2018). Unstructured Data Analysis with Passphrase Based Rest Api Nosql for Bigdata in Cloud, in proceedings of 6th International Conference on Innovations in Computer Science and Engineering, Springer, DOI :10.1007/978-981-13-7082-3_52.

6. A. Kumar and S. Gupta (2018). A Secure Technique of Image Fusion Using Cloud Based Copyright Protection for Data Distribution in IEEE 8th International Advance Computing Conference (IACC), Greater Noida, India, pp. 228-232, DOI: 10.1109/IADCC.2018.8692139.

7. Sangeeta Gupta, G.Narsimha (2016). Efficient Query Analysis and Performance Evaluation of the Nosql Data Store for BigData in proceedings of the First International Conference on Computational Intelligence and Informatics: Advances in Intelligent systems and computing, Springer Science publications, DOI:10.1007/978-981-10-2471-9_53, pp:549-558.

8. Sangeeta Gupta, Dr. Sujoy Bhattacharya (2013). Compression of ECG Signals Using A Novel Discrete Wavelet Transform Algorithm For Dynamic Arrhythmia Database in proceedings of Computer Networks and Communications (NetCom), Lecture Notes in Electrical Engineering, DOI: 10.1007/978-1-4614-6154-8_78.

9. S. Gupta and S. Bhattacharya (2012). Invisible watermarking using a novel MRA-based image fusion method," 2012 Annual IEEE India Conference (INDICON), pp. 567-571, doi: 10.1109/INDCON.2012.6420682.

10. Sangeeta Gupta, Sujoy Bhattacharya, and S. Hemanth Chowdary (2012). An MRA based image fusion method for sanctuary based on NC. In Proceedings of the Second International Conference on Computational Science, Engineering, and Information Technology (CCSEIT '12). Association for Computing Machinery, New York, NY, USA, 217–222. DOI: https://doi.org/10.1145/2393216.2393253.

National /International Journals:

1. Yadav, C.S., Gupta, S. A Review on Malware Analysis for IoT and Android System. SN COMPUT. SCI. 4, 118 (2023). https://doi.org/10.1007/s42979-022-01543-w.

2. Gupta, S. (2022). Private Blockchain-Cloud System (PBCS) for Healthcare Services. International Journal of Software Innovation (IJSI), 10(2), 1-8. http://doi.org/10.4018/IJSI.289602.

3. Sangeeta Gupta et al., (2021). Pre-Processed Tweets for Secure Capital Market Analysis Using Cloud. International Journal of Sociotechnology and Knowledge Development, volume 13, Issue 1, DOI: 10.4018/IJSKD.2021010101.

4. Sangeeta Gupta et al., (2021). Land Registration Using Blockchain Technology. Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162,Volume 8, Issue 6.

5. Sangeeta Gupta et al, (2020). IoT Data Management Using Cloud Computing and Big Data Technologies. International Journal of Software Innovation: Volume 8, Issue 4, DOI: 10.4018/IJSI.2020100104.

6. Omar Ahmad, Dr. Sangeeta Gupta, Mohammed Hasibuddin (2020). Truth Discovery in Big Data Social Media Sensing Applications. The International Journal of Innovative Technology and Exploring Engineering, Volume 9, Issue 8, DOI: 10.35940/ijitee.H6311.069820.

7. Dr.Sangeeta Gupta, Nikitha Kumari (2019). Security Mechanism for Twitter Data Using Cassandra in Cloud. International Journal of Distributed and Cloud Computing, Volume 7, Issue 2,ISSN Number: 2321-6840.

8. Dr.Sangeeta Gupta et al., (2019). Secret image digitization over public cloud through Cbtv based image fusion. International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 10, DOI: 10.35940/ijitee.J9939.0881019.

9. Dr. Sangeeta Gupta et al., (2019). Twitter Based Capital Market Analysis Using Cloud Statistics. International Journal of Sociotechnology and Knowledge Development, Volume 11, Issue 2, DOI: 10.4018/IJSKD.2019040104.

10. Nikitha kumari, Dr.Sangeeta Gupta (2019). Comparative Analysis Of Pre-Processed Social Media Data Generation In Modern World. Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, ISSN:2349-5162.

11. Dr. Sangeeta Gupta (2018).   Performance Evaluation of Unstructured PBRA for bigdata with Cassandra and MongoDB in cloud. International Journal of Cloud Applications and Computing, Volume 8,Issue 3, DOI: 10.4018/IJCAC.2018070104.

12. Sangeeta Gupta, G. Narsimha (2018). Miscegenation of scalable and DEP3K performance valuation of nosql-cassandra for bigdata applications deployed in cloud. International Journal of Business Process Integration and Management, Volume 9, Issue 1, DOI: 10.1504/IJBPIM.2018.093030.

13. Sangeeta Gupta, G. Narsimha (2018). Secure nosql for the social networking and e-commerce based bigdata applications deployed in cloud. International Journal of Cloud Applications and Computing, Volume 8, Issue 2, DOI: 10.4018/IJCAC.2018040106.

14. Sangeeta Gupta, G. Narsimha (2015). Performance evaluation of Nosql-Cassandra over Relational data store-Mysql for Bigdata. International Journal of Technology Volume 6, Issue 4: 336-344,ISSN 2086-9614 DOI: 10.14716/ijtech.v6i4.1557.

15. Sangeeta Gupta, G. Narsimha (2015). Comparative Analysis of Nosql Specimen with Relational Data Store for Bigdata in Cloud. International Journal of Distributed and Cloud Computing, Volume 3, Issue 1, ISSN 2321-6840.