Name of Faculty	K.SPANDANA	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	08 – 11 – 2012	
E-mail	kspandana_cse@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Pursuing
PG	M. Tech./M, Sc/MBA	Distinction
UG	BE/B. Tech/B. Sc.	First

Work Experience	
Teaching	14 Years
Research	04 years
Industry	--
Others	--
Area of Specialization	Internet of Things, Data Analytics, and Machine Learning.
Professional Memberships	Member, CSI Number: 1504168
Responsibilities held at Institution Level	Member in Women Development Cell
Responsibilities held at Department Level	1. Member, BOS, BE CSE(IoT, CS with BCT) 2. Member, Course Expert Group. 3. Time Table In-Charge. 4. Lab In-Charge, Lab7. 5. Coordinator, Headstart-2K19. **6.** Mentor, Student Mental Safety And Well-Being for 3rd year students
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Basics of Data Science using R, Basics of Data Structures, Industry 4.0, Internet of Things, Data Science and Big Data Analytics, Computer Architecture and Microprocessor, Micro Processors and Microcontrollers, Human Computer Interaction, Distributed Computing, Web Technologies, Distributed Systems, Mobile Computing.
No. of Papers Published	National Journals – Nil International Journals – 11 National Conference – 01 International Conference – 01
Projects Carried out	**--**
Patents	**--**
Technology Transfer	**--**
Invited Speaker	Contributed as Resource Person in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " EMERGING TRENDS IN INTERNET OF THINGS" from 2021-06-07 to 2021-06-11 at Acropolis Institute Of Technology And Research - AITR.
No. of Books/Chapter Published with details	--
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).	1. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on ""Internet of Things (IOT) with Machine Learning & Artificial Intelligence"" from 13/09/2021 to 17/09/2021 at ITS Engineering College. 2. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "IoT Framework Development for Agriculture Sector" from 06/09/2021 to 10/09/2021 at Lal Bahadhur Shasthri College of Engineering, Kasaragod, Kerala. 3. Participated in Five Day International STTP on Blockchain for Digital Transformation Department of CSE, CBIT(A),

Hyderabad, Telangana, INDIA held virtually during 12 – 16 August, 2021

4. Participated & completed successfully AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAM ON Writing and Publishing High Impact Research Publications and Scientific Documents" from 2020-10-19 to 2020-10-24 at Rajalakshmi Engineering College.

5. Participated & completed successfully AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAM ON BUSINESS ANALYTICS" from 2020-10-12 to 2020-10-17 at MCKVIE.

6. Participated & completed successfullyOne-Week Online Faculty Development Program on "Outcome Based Education and Accreditation", conducted by ISTE Telangana Section in association with JNTUH College of Engineering, Jagtial; Mahatma Gandhi Institute of Technology, Hyderabad and Swecha, during 5 - 9 October 2020.

7. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2020-9-21 to 2020-9-25 at National Institute of Technology - Karanataka.

8. Participated & completed successfully AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAM ON NATIONAL EDUCATIONAL POLOCIES: IMPLEMENTATION STRATEGIES- A ROAD AHEAD" from 2020-9-07 to 2020-09-12 at University College of Education, Osmania University.

9. Participated & completed successfully for attending Two-day International Workshop on Stress & Coping: Strategies to De-StressOrganized by Women Empowerment Cell, GITAM (Deemed to be University), Visakhapatnam, AP, India during 12th & 13th June 2021

10. Successfully Completed the AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAM - 1 on " BIG DATA ANALYTICS " held from 6-07-20 to 11-07-2020,organised by MBA Department, School of Management Studies, VISTAS, Chennai -117

11. Participated in the one week online refresher course on " Bharateeya Chaitanyam" organized by Geervana Bharathi of Chaitanya Samskruthi during 29-06-2020 to 05-07-2020.

12. Participated in the Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell on 27-06-2020.

13. Participated in the Online Workshop on "Social Responsibility and Community Engagement" organized by Chaitanya Bharathi Institute of Technology, Hyderabad on 17-06-2020.

14. Participated & completed successfully AICTE Training And Learning(ATAL) Academy Online FDP on "Artificial Intelligence" at National Institute of Technology, Warangal during 08-06-2020 to 12-06-2020.

15. Participated in the Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) by MHRD's Innovation Cell on 06-06-2020.

16. Successfully Completed "Introduction to Data Science in Python" an online non-credit course authorized by University of Michighan and offered through Coursera on 05-06-2020.

17. Participated in the One Week Faculty Online Development Program on "OUTCOME BASED EDUCATION" organized by Chaitanya Bharathi Institute of Technology, Hyderabad 28-05-2020 to 1-06-2020.

18. Participated in the Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History held on 30th May Dr. Abhay Jere (Chief Innovation Officer- MHRD Innovation Cell, Govt. of India) Hosting Live session of Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) by MHRD's Innovation Cell.

19. Participated in the National Level Online Faculty Online Development Program on "Artificial Intelligence" organized by Department of CSE, IT, and MCA, in

collaboration with Brain-O-Vision India Pvt. Ltd., Hyderabad, during 22-05-2020 to 26-05-2020.

20. 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 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

21. Participated in the 5-day Online Faculty Online Development Program on "Artificial Intelligence and Machine Learning" organized by Department of Computer Science and Engineering, CMR Technical Campus , Hyderabad, during 18-05-2020 to 22-05-2020.

22. Participated in the Leadership Talk With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by MHRD's Innovation Cell.

23. Participated in the One Week Faculty Online Development Program on "OUTCOME BASED EDUCATION" under Margdarshan Scheme of AICTE, New Delhi during 11-05-2020 to 15-05-2020.

24. Participated in the webinar on "Virtual Reality" hosted by Department of Computer Science and Applications in association with PANTECH, at Chaitanya Bharathi Institute of Technology, Hyderabad on 14-05-2020.

25. Successfully Completed "Interent of Things: How did we get here?" an online non-credit course authorized by UCSanDiego and offered through Coursera on 11-05-2020.

26. Successfully Completed " Python Data Structures" an online non-credit course authorized by University of Michighan and offered through Coursera on 08-05-2020.

27. Successfully Completed "Programming for Everybody (Getting Started with Python)" an online non-credit course authorized by University of Michighan and offered through Coursera on 05-05-2020.

28. Successfully Completed "AI for Everyone" an online non-credit course authorized by deeplearning.ai and offered through Coursera on 02-05-2020.

29. Successfully completed NPTEL 12 week online course on " NBA Accreditation and Teaching-Learning in Engineering(NATE) during Jan to April 2020.

30. Organized a National Seminar on "IoT for Real world" at CBIT, Hyderabad, 28th October 2019.

31. Organized a two day National level technical fest on "Head Start 2019 as part of SUDHEE-2019" at CBIT, Hyderabad, 13-14 September 2019.

32. Organized a two day workshop on "Django camp v2.0" at CBIT, Hyderabad, 05-06 September 2019.

33. Attended a One Week Faculty Development Program on "Data Science", organized by the E & ICT Academy, National Institute of Technology, Warangal at Chaitanya Bharathi Institute of Technology (A), Hyderabad during 05-08-2019 to 09-08-2019

34. Successfully Completed NPTEL AICTE Faculty development programme on " Introduction to Industrial Internet of Things" organized by IIT Kharagpur Sponsored by Ministry of HRD, Govt. of India during January to April 2019, 12 week online course.

35. Attended Short term course on "Engineering Research Methodology" organized by department of mechanical engineering, Osmania University, during 11th to 15th December 2018.

36. Attended Refresher Course on "Internet of Things" organized by UGC-HRDC, JNTUH, during 09th to 30th October 2018.

37. Completed NPTEL AICTE Faculty development programme on " Introduction to Internet of Things" organized by IIT Kharagpur Sponsored by Ministry of HRD, Govt. of India during July to October 2018, 12 week online course.

38. Attended UGC sponsored "Orientation Programme" organized by UGC-Human Resource Development Centre (Formerly UGC-Academic Staff College) at JNTU Hyderabad, during 8th May 2017 to to 3rd June 2017.

39. Attended a Two day international workshop on "Big data and Machine learning" organized by department of CSE, CBIT, during days 27th and 28th March 2017.
40. Attended one week national level FDP on "Emerging Trends, Issues and Challenges in Big data and Cloud computing" organized by department of CSE, CBIT, during 20th to 25th February 2017.
41. Attended a Two day international workshop on "Intelligence and security informatics" organized by department of CSE, CBIT, during days 24th and 25th July 2015.
42. Attended a Two day international workshop on "Next Generation Devices and computing" organized by department of CSE, CBIT, during days 28th and 29th March 2015.
43. Attended one week national level FDP organized by CBIT, during 7th to 12th July 2014.
44. Attended a Two day workshop "Virtualization and Cloud Computing" organized by department of CSE, CBIT, March 2014.
45. Attended a Two day workshop "Research Methodologies and Tools" organized by department of CSE, CBIT, November 2013.
46. Attended one week national level FDP organized by CBIT, June 2013.
47. Attended a Two day international workshop "Web Technology and Scripting Languages" organized by department of CSE, CBIT, April 2013.
48. Attended a Two day workshop "Women in Science and Technology" organized by department of CSE, CBIT, 7th & 8th March 2013.

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

International Journal

1. K. Spandana, G. Mamatha, "IoT based Air Pollution Monitoring System", GRADIVA REVIEW JOURNAL ISSN: 0363-8357, Volume-7 Issue-6 June 2021, pp 162-167.
2. K. Spandana "Text Character Recognition Using Extraction Tools", The International journal of analytical and experimental modal analysis ISSN: 0886-9367, Volume-13 Issue-6 June 2021, pp 1223-1228.
3. K. Spandana, Suresh Pabboju, "Crop Prediction System using Internet of Things (IoT) and Cloud Computing", GRADIVA REVIEW JOURNAL ISSN: 0363-8357, Volume-7 Issue-6 June 2021, pp 315-324.
4. K. Spandana, Suresh Pabboju, Likhitha Chinthakuntla, Gorupally Sai Chandana (2020) " Current research on Internet of Things (IoT) in Agriculture", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-8, June 2020, pp. 882-886.
5. M.Shalini, K. Spandana (2020) "Method to Monitor Soil and Crop using IoT: A Survey", The International journal of analytical and experimental modal analysis Volume XII, Issue V, May/2020, pp. 1745-1750.
6. K. Spandana, S Durga Devi (2020) "Managing Groceries using Regression Methods", Alochana Chakra Journal Volume IX, Issue V, May/2020, pp. 6968–6977.
7. K. Spandana, T. Manoj Kumar, Suresh Pabboju (2020) " Soil Analysis And Crop Selection Using IoT", INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 9, ISSUE 04, APRIL 2020, pp. 2212–2215.
8. K. Spandana, Suresh Pabboju (2019) "Applications of IoT for Soil Quality", Springer Nature Singapore Pte Ltd. 2020 V. K. Gunjan et al. (Eds.): ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management, pp. 277–286.
9. K. Spandana, M.Bhanu Chandrika (2018) "Intrusion Detection System Using Feature Selection Approach", INTERNATIONAL JOURNAL OF RESEARCH CULTURE SOCIETY ISSN: 2456-6683 Volume - 2, Issue - 5, May – 2018 pp. 222-226.
10. K. Spandana, Sai Supriya KPL (2017) "A Survey on Soil Quality Testing using Sensors in Smart Agriculture for Crop Production and Maintenance using Internet Of Things (IOT)", International International Journal of Engineering Trends and Technology (IJETT) – Special Issue – April 2017 pp. 165-169.
11. K. Spandana, D. Sirisha, S. Shahida (2016) "Parallelizing Apriori Algorithm on GPU", International Journal of Computer Applications (0975 – 8887) Volume 155 – No 10, December 2016 pp. 22-27.

International /National Conferences

1. K. Spandana and Suresh Pabboju (2019) "Applications of IoT for Soil Quality", International Conference on Intelligent Computing and Communication Technologies (ICICCT-2019), pp. 50.
2. K.Spandana , Sai Supriya KPL (2017) "A Survey on Soil Quality Testing using Sensors in Smart Agriculture for Crop Production and Maintenance using Internet Of Things (IOT)", 6th National Conference on "Emerging & Innovative Trends in Computer Science" (NCEITCS-2017), pp. 129.