Name of Faculty	Dr. Pragati Priyadarshinee	
Designation	Assistant Professor	
Nature of Job/Appointment	Contract	
Date of Joining	02 – 01 – 2023	
E-mail	pragatipriyadarshinee_it@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	PhD(Cloud Computing)	Awarded
PG	M. Tech. (IT)	First
UG	B. E. (IT)	First

Work Experience	
Teaching	10 Years
Research	05 years
Industry	--
Others	--
Area of Specialization	Cloud Computing, Internet of Things (IoT) & Big Data Analytics
Professional Memberships	1. Professional Member of ACM 2. Member of World Research Council-WRC-RPA-IND-101369
Responsibilities held at Institution Level	1. Working as Department In-Charge, R & E. 2. Working as IoT Project Co-ordinator, Kernel Sphere.
Responsibilities held at Department Level	1. Student Publication File 2. Member, Course Expert Group
Research Guidance	--
Awards Received	1. Received Best "**Women Researcher Award**" AIMs International Conference January, 2019. 2. Awarded as "**Distinguished Researcher in Cloud Computing**" by World Research Council on 15th August 2019.
Courses Handled at Under Graduate / Post Graduate Level.	Research Methodology, DBMS, OOSD, Computational Intelligence, Embedded System, Cloud Computing, Introduction to Analytics.
No. of Papers Published	National Journals – 01 International Journals – 44 National Conference – 02 International Conference – 07
Projects Carried out	**00**
Patents	**01**
Technology Transfer	--
Invited Speaker	**01**
No. of Books/Chapter Published with details	**1. Priyadarshinee, P.** (2020). Cloud Computing Adoption: Scale Development, Measurement and Validation. In I. Management Association (Ed.), **Disruptive Technology: Concepts, Methodologies, Tools, and Applications** (pp. 837-858). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-9273-0.ch042 2. **Priyadarshinee, P.** (2019). Cloud Computing Adoption: A Scale Development Approach. **Modern Principles, Practices, and Algorithms for Cloud Security**, 107-128, IGI-Global Publication. 3. Panwar, V. & **Priyadarshinee, P.** (2019). Application of Blockchain Techniques in Agriculture Sector. **Business, Economy**

and Environment: The New Normal, 10-23.

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

1. Successfully completed AICTE-ATAL FDP on "Blockchain" during 11th May to 15th May, 2020 conducted by Punjab Engineering College- 5 days.

2. Successfully completed AICTE-ATAL FDP on "Data Science" during 25th May to 29th May, 2020 conducted by NITTTR, Chandighar- 5 days.

3. Attended online a seven days FDP on "Data Analytics" from 20th July to 26th July, 2020 conducted by department of CSE, ANAND INSTITUTE OF HIGHER TECHNOLOGY, Chennai.

4. Attended online FDP on "Outcome Based Education and NBA Accreditation Process" from 28th May to 1st June, 2020 by CBIT(A), Hyderabad.

5. Attended online FDP on "Blockchain Architecture, etherium,and Hyperledger" from 8th July to 12th July, 2020 by department of CSE, KITS, Warangal.

6. Attended online one week refresher course on "Bhaaratiya Chaitanyam" from 29th June to 5th July, 2020 by Geervana Bharathi Chaitanya Samskuthi, CBIT, Hyderabad.

7. Attended online FDP on "Future Nano Electronic Devices & Circuits" from 6th July to 10th July, 2020 by MGIT, Hyderabad.

8. Attended online FDP on "CYBERSECURITY" from 22th June to 26th June, 2020 by SRM Institute of Science and Technology, Ramapuram Campus,Chennai.

9. Attended online FDP on "PHP & MySQL" from 8th June to 12th June, 2020 by Sridevi Women's Engineering College with IITB.

10. Attended online FDP on "R Programming" from 29th June to 3rd July, 2020 by Sridevi Women's Engineering College with IITB.

11. Successfully completed online FDP on "Artificial Intelligence" organised by CBIT from 22- May 2020 to 26 May 2020- 5 days.

12. Completed Coursera course on "Introduction to Datascience using Python" on 2020.

13. Completed Coursera course on "Neural Networks and Deep Learning" on 2020.

14. Passed online NPTEL certification on "NBA Accreditation and Teaching-Learning in Engineering" with 97%, April, 2020.

15. Participated and presented a paper in online Conference on "Life after Covid-19 Pandemic and Rebooting Economy" held on 13th June, 2020.

16. Successfully completed 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.

17. Attended One week Faculty Awareness Program on

"Contemporary Research and IPR" by JNTU, Hyderabad from 28th Jan to 1st Feb, 2019.

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

International Journal

1. Nayal, K., Raut, R. D., Queiroz, M. M., & **Priyadarshinee, P.** (2023). Digital Supply Chain Capabilities: Mitigating Disruptions and Leveraging Competitive Advantage Under COVID-19. *IEEE Transactions on Engineering Management*.

2. Agrawal, R., **Priyadarshinee, P.**, Kumar, A., Luthra, S., Garza-Reyes, J. A., & Kadyan, S. (2023). Are emerging technologies unlocking the potential of sustainable practices in the context of a net-zero economy? An analysis of driving forces. ***Environmental Science and Pollution Research***, 1-19. **Springer**

3. **Priyadarshinee et al.** (2022). Mediating effect of industry 4.0 technologies on the supply chain management practices and supply chain performance. ***Journal of Environmental Management***, *322*, 115945, **Elsevier**

4. **Priyadarshinee, P.** (2022). Applications of Fog Computing and Internet of Things in Indian Smart Cities: An Empirical Study. ***International Journal of Social Ecology and Sustainable Development (IJSESD),*** *13*(1), 1-17. http://doi.org/10.4018/IJSESD.302647

5. **Priyadarshinee, P.** (2020). Examining Critical Success Factors of Cloud Computing Adoption: Integrating AHP-Structural Mediation Model. **International Journal of Decision Support System Technology (IJDSST)**, 12(2), 80-96.

6. Narwane, V. S., Gardas, B. B., Raut, R. D., **Priyadarshinee, P.**, & Narkhede, B. E. (2021). The influence of internal-external factors on the cloud computing adoption. **International Journal of Business Information Systems**, *38*(3), 324-342. 10.1504/IJBIS.2020.10024641

7. **Priyadarshinee et al.** (2020). Mediating role of cloud of things in improving performance of small and medium enterprises in the Indian context. **Annals of Operations Research**, 1-30.

8. **Priyadarshinee et al.** (2020). Mediating Effect of Big Data Analytics on Project Performance of Small and Medium Enterprises. **Journal of Enterprise Information Management**. 10.1108/JEIM-12-2019-0394

9. Kumar, S., Raut, R. D., **Priyadarshinee, P.**, Mangla, S. K., Awan, U., & Narkhede, B. E. (2022). The Impact of IoT on the Performance of Vaccine Supply Chain Distribution in the COVID-19 Context. **IEEE Transactions on Engineering Management.**

10. Kumar, S., Raut, R. D., **Priyadarshinee, P.**, & Narkhede, B. E. (2022, June). Exploring warehouse management practices for adoption of IoT-blockchain. In ***Supply Chain Forum: An International Journa****l* (pp. 1-16). Taylor & Francis.

11. Sharma, V., Raut, R. D., Hajiaghaei-Keshteli, M., Narkhede, B. E., Gokhale, R., & **Priyadarshinee, P.** (2022). Mediating effect of industry 4.0 technologies on the supply chain management practices and supply chain performance. *Journal of Environmental Management*, *322*, 115945.

12. **Priyadarshinee P.** (2020). Blockchain in Agriculture: An Application Perspective. Aksh- The Advanced Journal, 1(2), 5-7.

13. **Priyadarshinee P.** (2020). Performance Measurement in Big-data Analytics Platform. International Journal of Technology and Engineering Sciences, 1(1), 40-46.

14. **Priyadarshinee P.** (2021). Future lessons from Covid-19 Pandemic in Indian Context. International Research Journal of Engineering and Technology (IRJET), 8(4), 3242-3244.

15. **Priyadarshinee et al.** (2021). Analysing the adoption barriers for sustainability in the Indian power sector by DEMATEL approach. **International Journal of Sustainable Engineering.** https://doi.org/10.1080/19397038.2021.1874072

16. **Priyadarshinee et al.** (2021). Exploring the role of artificial intelligence in managing agricultural supply chain risk to counter the impacts of the COVID-19 pandemic. **The International Journal of Logistics Management.** 10.1108/IJLM-12-2020-0493

17. Nayal, K., Raut, R. D., Narkhede, B. E., **Priyadarshinee, P.**, Panchal, G. B., & Gedam, V. V. (2021). Antecedents for blockchain technology-enabled sustainable agriculture supply chain. **Annals of Operations Research**, 1-45.

18. Nayal, K., Kumar, S., Raut, R. D., Queiroz, M. M., **Priyadarshinee, P.**, & Narkhede, B. E. (2022). Supply chain firm performance in circular economy and digital era to achieve sustainable development goals. **Business Strategy and the Environment**, *31*(3), 1058-1073.

19. Narwane, V. S., Raut, R. D., Yadav, V. S., Cheikhrouhou, N., Narkhede, B. E., & **Priyadarshinee, P.** (2021). The role of big data for Supply Chain 4.0 in manufacturing organisations of developing countries. **Journal of Enterprise Information Management**.

20. Nayal, K., Raut, R. D., Yadav, V. S., **Priyadarshinee, P.**, & Narkhede, B. E. (2022). The impact of sustainable development strategy on sustainable supply chain firm performance in the digital transformation era. **Business Strategy and the Environment**, *31*(3), 845-859.

21. **Priyadarshinee P.** (2021). Bank Marketing: A Machine Learning Approach. **High Technology Letters.** 27(8), PP:19-25.

22. **Priyadarshinee P.** (2021). Books Recycling: An Opportunity or threat. **Journal of Chengdu University of Technology.** 26(8).

23. **Priyadarshinee P.** (2021). Water Quality Monitoring System through IoT. **High Technology Letters.** 27(11), PP:103-110.

24. **Priyadarshinee et al.** (2019). Examining the performance-oriented indicators for implementing green management practices in the Indian agro sector, **Journal of Cleaner Production**, 215 (1), 926-943.

25. **Priyadarshinee et al.** (2019). Linking big data analytics and operational sustainability practices for sustainable business management. **Journal of Cleaner Production**, 224(1), 10-24.

26. **Priyadarshinee P.** (2019). Cloud computing application in education. **International Journal of Engineering and Advanced Technology**, 9(2), 1201-1204.

27. **Priyadarshinee, P.** (2018) Cloud Computing Adoption: Scale Development, Measurement, and Validation. **International Journal of Cloud Applications and Computing**, 8(1), 97-116.

28. Mishra, S., Raut, R., Narkhede, B., Gardas, B., & **Priyadarshinee, P.** (2018). To investigate the critical risk criteria of business continuity management by using analytical hierarchy process. **International Journal of Management Concepts and Philosophy,** 11(1), 94-115.

29. Raut, R. D., **Priyadarshinee, P.**, Gardas, B. B., & Jha, M. K. (2018). Analyzing the factors influencing cloud computing adoption using three stage hybrid SEM-ANN-ISM (SEANIS) approach, **Technological Forecasting and Social Change**, 134, 98-123.

30. Raut, R.,**Priyadarshinee, P. ,** Gardas, B., Narkhede, B. E., & Nehete, R. (2018). The incident effects of supply chain and cloud computing integration on the business performance- an integrated SEM-ANN approach, Emerald. **Benchmarking : an International Journal**, 25(8), 2688-2722.

31. Raut, R., **Priyadarshinee, P.,** Jha, M. K.,Gardas, B.,& Kamble, S.S. (2018). Modeling the implementation barriers of cloud computing adoption: an interpretive structural modelling,

Emerald. **Benchmarking : an International Journal**, 25(8), 2760-2782.

32. **Priyadarshinee, P.**, Jha, M. K., Raut, R., & Gardas, B. (2017). Understanding and Predicting the determinants of Cloud computing adoption: A two staged hybrid SEM – Neural Networks Approach. **Computers in Human Behaviour**, 76(1), 341-362.

33. **Priyadarshinee, P.**, Jha, M. K., & Raut, R. (2017). A Cloud Computing Adoption in Indian SMEs: Scale development and Validation Approach, Elsevier. **The Journal of High Technology Management Research**, 28(2), 221-245.

34. Raut, R., Gardas, B., Jha, M. K., & **Priyadarshinee, P.** (2017). Examining the critical success factors of cloud computing adoption in the MSMEs by using ISM model. **The Journal of High Technology Management Research**, 28(2), 125-141.

35. Vaibhav N., Balkrishana N., Raut, R., Gardas, B.,**Priyadarshinee, P. ,** Kavre M., Narkhede, B. E., & Nehete, R. (2017).   **International Journal of Business Information System**,31(3), 322-353.

36. Narwane, V. S., Narkhede, B. E., Raut, R. D., Gardas, B. B., Priyadarshinee, P., & Kavre, M. S. (2019). To identify the determinants of the CloudIoT technologies adoption in the Indian MSMEs: structural equation modelling approach. *International Journal of Business Information Systems*, *31*(3), 322-353.

37. **Priyadarshinee, P.**, Jha, M. K., Raut, R., Kharat, M., & Kamble, S.S. (2016). To Identify the Critical Success Factors for Cloud Computing Adoption by MCDM Technique**. International Journal of Business Information System**, 24(4), 469-510.

38. **Priyadarshinee, P.**, Jha, M. K., & Raut, R. (2016). Scale development procedure for cloud computing adoption. **International Journal of Business and Management Study**, 3(2), 16-18.

39. Raut, R., **Priyadarshinee, P.**, & Jha, M. K. (2016). Understanding the mediation effect of cloud computing adoption in Indian organization: Inegrating TAM-TOE-RISK model. **International Journal of Service Science, Management, Engineering, and Technology**, 8(3), 40-59.

40. **Priyadarshinee, P.**, Jha, M. K., Raut, R., & Kharat, M. (2016). To Measure the Business Performance through Cloud Computing Adoption in Indian Scenario: Structural Equation Modelling (SEM). **International Journal of Business Information System**, 28(4), 468-503.

41. **Priyadarshinee, P.**, Jha, M. K., Raut, R., & Kharat, M. (2015). Risk Analysis in Adoption of Cloud Computing in SMEs: A literature Review. **International Journal of Business Information System**, 23(1), 54-86.

42. **Priyadarshinee, P.**, & Jain, P. (2012). Load balancing and parallelism in cloud computing. **International Journal of Engineering and Advanced Technology** (IJEAT)-ISSN, 1(5), 486-489.

43. **Priyadarshinee, P.**, & Verma, S. (2011). Evaluation of Non-functional Attributes using Web-based Architecture. **International Journal of Engineering Science and Technology**, 3(3), 1802-1808.

44. **Priyadarshinee, P.**, Ramadevi, Y., & Srinivas, A. (2011). Development of Distributed Applications Using Service-Oriented-Architecture. **International Journal of Computer Theory and Engineering**, 3(6), 794-796.