DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

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Faculty Name	DR.CHITRA .K
Designation	Associate Professor
Educational Qualification	M.Sc.,M.Phil.,Ph.D.,
Experience in Years	10 Years
Area of Interest	Cloud Computing , Data Science
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Educational Details

- **Ph.D –** Mother Teresa Women's University , Kodaikanal, Tamilnadu
- **M.Phil** - Mother Teresa Women's University , Kodaikanal, Tamilnadu
- **M.Sc(CS)** - Madurai Kamaraj University , Madurai, Tamilnadu
- **BSc (CS)** – Ambiga College of Arts and Science,Madurai, Tamilnadu

Personal Details

Hobbies: Reading books , Listening to music
Languages Known: English,Telugu,Tamil,Hindi,Kannada
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Professional Experience

- Worked as Associate Professor
  School of Science Studies
   From September 2021 to November 2022
   CMR University, OMBR Layout, Bangalore.
- Worked as Assistant professor, Department of Computer Application,
   From September 2017 to September 2021
  New Horizon college, Kasturinagar, Bangalore
- Worked as Lecturer ,Department of Computer Science,
   From July 2008 to November 2010
   SMSG Jain College, Bangalore
- Worked as Lecturer, Department of Computer Science,
  From June 2002 - May 2003
  Sri Kaliswari College, Sivakasi,TamilNadu
- Worked as Lecturer, Department of Computer Science,
  From June 2001 – May 2002
  Vysya College , Salem , TamilNadu

Publications

1. K.Chitra and P.Sivaprakasam, "ASK-BID: A Nash Auction Equilibrium Model for Service Provisioning in the Multi- Cloud Environment" in Australian Journal of Basic and Applied Sciences (AENSI)-Scopus Indexed, ISSN: 1991-8178, vol. 8, issue. 17, pp. 402-411, Nov. 2014.
2. K.Chitra and P.Sivaprakasam, "EANAE: A Cloud Job Migration Based Fault Tolerance Services Using Energy-Aware Nash Auction Equilibrium Model" in International Review on Computers and Software (I.RE.C.O.S-Scopus indexed), ISSN:1828-6003, vol. 9, issue. 12, pp. 1993-2000, Dec. 2014.
3. K.Chitra and P.Sivaprakasam, "Cost Estimation in Heterogeneous Cloud Environment Using Fault Tolerance Services", International Journal of Electrical and Computing Engineering , ISSN (Online): 2349-8218,Vol. 2, Issue. 1, Dec. 2014.
4. K.Chitra and P.Sivaprakasam, "Optimal Cost Estimation For Service Provisioning In The Multi-Cloud Environment , "International Journal of Advance computational Engineering and Networking", International Journal of Advanced Computational Engineering and Networking, ISSN: 2320-2106,Volume-3, Issue-1, Jan.2015.
5. Dr.K.Chitra, "Cost Effective Method For Resource Provisioning in Heterogeneous Cloud" in International Journal of Computer Engineering and Applications, ISSN 2321-3469. Vol XII, Special Issue, May 2018.
6. Dr.K.Chitra, "Cost Energy Aware Model for Workflow Jobs in Heterogeneous Cloud" , International Journal of Basic andapplied Research, ISSN 2259-3352,Volume 9,March 2019.
7. Dr.K.Chitra, "The Impact of Click Stream Analysis in Business Process", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162,Volume 6, Issue 5 , May 2019.
8. Dr.K.Chitra," The Impact of Data Mining in Knowledge Discovery Process" , International Journal of Business Management and Information Technology", ISSN No - 2321 – 8703,Special Issue I , January 2020.
9. Dr.K.Chitra, " Comparative Analysis of Nash Auction Equilibrium Model And Energy Aware Nash Equilibrium Model for Resource Provisioning in Heterogeneous Cloud", Studies in Indian Place Names(UGC Care listed Journal), ISSN-2394-3114,Vol-40,Issue-13,February 2020.
10. Dr.K.Chitra," Comparative Analysis Of Energy Aware Nash Auction Equilibrium Model And Cost Energy Aware Nash Equilibrium Model For Resource Provisioning In Heterogeneous Cloud",Purakala(UGC Care Listed Journal), ISSN: 0971-2143, Vol-31, Issue-5, April 2020.
11. Dr.K.Chitra," Hyper Parameter Optimization in Gradient Boosting Model",Dogo Rangsang Research Journal(UGC Care Group I Journal), ISSN: 2347-7180, Vol-11, Issue-01, May 2021.
12. Dr.K.Chitra," Comparative Analysis Of Random forest and Linear Regression for Prediction of Temperature" Juni Khyat(UGC Care Grroup I Journal), ISSN: 2278-4632, Vol-11, Issue-01, May2021.

Papers Presented :

- Presented a paper entitled, "**The Impact of Data Visualization in Educational Concept**" in One day National Level Virtual Conference on National Education Policy 2020 – "A Paradigm Shift in Higher education in India" Organized by Sadhana Degree College, Bangalore on 7th November 2020 and Received **Best Paper Award**.
- Presented a paper entitled," **Reduction of Energy Consumption using Workflow Management in Heterogeneous Cloud**" in International Multidisciplinary Virtual Conference on Research and Development in Dynamic Times organized by Special Minds and SSN Research Foundation between 22nd and 24th July 2020.
- Presented a paper entitled, **"A study on steps for exploration and preparation of data in predictive modelling** " ,in International Virtual Conference on World of Machine Learning and Artificial Intelligence in Digital ERA organized by Department of Computer Science ,Sankara College of Science and commerce,Coimbatore on 30th May 2020.

- Presented a paper entitled, "**Auction Based Resource Provisioning in Heterogeneous Cloud**" ,in International Virtual Conference on World of Machine Learning and Artificial Intelligence in Digital ERA organized by Department of Computer Science ,Sankara College of Science and commerce, Coimbatore on 29th May 2020.
- Presented a paper entitled," **Ask-Bid Mechanism for Resource Provisioning in Heterogeneous Cloud**" in the IEEE international Conference on Recent trends on Electronics,Informational & Communication Technology (RTEICT 2019) organized by Sri Venkateshwara College of Engineering ,Bangalore on 18th May 2019.
- Presented a paper entitled**," The overview of knowledge discovery process in data mining**" in the IEEE international Conference on Recent trends on Electronics,Informational & Communication Technology (RTEICT 2019) organized by Sri Venkateshwara College of Engineering ,Bangalore on18[th] May 2019.
- Presented a paper entitled**,"Cost Effective Method for Resource Provisioning in Heterogeneous Cloud**" in the International Conference on Trends Innovations Implying Future Technology held at St. Claret College,Bangalore on 24thMarch 2018.
- Presented a paper entitled, **"Cost Estimation in Heterogeneous Environment using Fault Tolerance Services**" in the International conference on Innovative Research in Electrical, Electronics and Computing Engineering (ICREEC) held at Coimbatore on 13th December 2014 and published in International Journal of Electrical and Computing Engineering, ISSN: 2349-8218,vol. 1,issue 2, pp. 5-10, Dec. 2014.
- Presented a paper entitled, "**Optimal Cost Estimation for Service Provisioning in the Multi-Cloud Environment**" in the International conference on Electrical, Electronics and Computer Engineering (ICEECE), ISBN:978-93-84209-64-3, pp. 6-10 held at Pune on 9th November 2014.
- Presented a paper entitled, "**Database Tuning methods in Data warehousing systems**" in the International conference on Semantic E-business and Enterprise computing(SEEC) held at Bishop Heber College , Trichirappalli ,Tamilnadu on 8th November 2009.

PATENT PUBLICATION DETAILS
- **Indian Patent 202241061734: Published a Patent on "Design Blockchain Auction System for price Recommendation and Secure execution", December 02, 2022.**
- **Indian Patent 202341061734: Published a Patent on "Cloud Computing and Edge Computing paradigms for Massive access in a cell-free Massive Mimo-based Internet Of things (IOT)", October 13, 2023.**
- **Indian Patent 202341068481: Published a Patent on "A Green 6G network for pervasive Communication : An Experimental Analysis", October 20, 2023**

BOOK PUBLICATION DETAILS
- **Published book on "Block chain Technology" , AN Publications, ISBN NO- 978-81-967420-2-7**

Contact Details

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