Name :Dr.Dhivya.K

Designation : Assistant Professor

Department :Commerce with Computer Applications

Qualification : M.Sc., M.Phil., Ph.D.

Experience :Teaching–1.1Years | Industry - 3 Years | Research – 7 Years

Specialization: Networking

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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Dr. N.G.P. Arts and Science College, Coimbatore	2023
M.Phil.	Computer Science	Dr. N.G.P. Arts and Science College, Coimbatore	2020
M.Sc.	Information Technology	Sri Jayendra Saraswathy Maha Vidyalaya College	2018
B.Sc.	Information Technology	Ayyan Thiruvalluvar Arts and Science College	2010

Research Publications

- Dhivya.k, Dr.R.Rajeshkanna"Effective Urban Ranking Routing Protocol To improve Data Transmission For Enhanced Vehicular Ad Hoc Network", "The Journal of Pharmaceutical Negative Results",14 NO 3., 2718-2732. FEB 2023,https://doi.org/10.47750/pnr.2023.14.03.343 (Scopus)

- Dhivya.k ,Dr.R.Rajeshkanna , "A Novel Blockchain Based Fault – Tolerant Authentication Technique for Secure and QoS Aware Vehicular Ad Hoc Network", Journal of Survey in Fisheries Sciences, Scopus", - 10 No.4s,, Special Issue No-4; pp178-186, 2023, 190-203, https://doi.org/10.17762/sfs.v10i4s.671 (Scopus).

- Dhivya.k,Dr.R.Rajeshkanna , A blockchain based secure communication in vehicular ad hoc network, internationl journal of innovative research in multidisciplinary education and ugc care",Vol. 2, Issue no-04, pp143-146, April-2023, ISSN No 2833-4531, DOI: 10.58806/ijirme.2023.v2i4n02.

Presentations in Conference

- K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has participated in "2nd National Virtual Conference on Applications of Deep Learning in

ARTIFICIAL INTELLIGENCE FOR HEALTHCARE (NCDAH-2021) held on 25- March-2021 organized by the Department of Information Technology , Dr.N.G.P Arts and Science College, Coimbatore-48 and Presented a paper on Spectrum Sensing in Cognitive Vehicular network A Survey.

- K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has Presented a paper " A Review of Cluster Head Selection in Vehicualr Ad Hoc Network using Fuzzy Logic Scheme in TWO DAY INTERNATIONL CONFERENCE ON DIGITAL INFORMATION SECURITY & COMPUTING TECHNOLOGIES IN COLLABORATION WITH LINCOLN UNIVERSITY , MALAYSIA, 12-APRIL-2022 organized by the Department of Computer Studies , Sankara College of Science and Commerce, Coimbatore.

- K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has Published a paper entitled "Energy Efficient Spider Monkey Technique To Detect Sybil Node In Vehicular Ad Hoc Network" in the "International Conference on Advanced Computing (ICAC-2023) Organized by the Department of Computer Science , Bharathiar University, Coimbatore- 641046 ,2-March-2023 to 3-March 2023.

- K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has Published a book chapter "An Assessment on Multi Channel MAC Protocol In VANET using Markov Models" in the 7th International Conference on Engineering, Technology and Science ICETS-23 Organized by Muthayammal College of Engineering Rasipuram -637408, Namakkal 31- March -2023

Participation in Conference

- K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48,has Published a Book Chapter "A Novel Hybrid Routing Protocol Using a Modified K-Means Clustering Algorithm to Improve Network Performance "Proceedings of the International Conference on Challenges and Solutions in Data Science 21-Feb-2023.

Participation in Seminars

1. K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has Participated in the "National Seminar on Wireless Communication and Mobile Computing (NSWCMC-2019)" at Bharathiar University.
2. K. Dhivya, Ph.D Scholar, Dr.N.G.P Arts and Science College, Coimbatore-48, has participated in Department of computer science (PG) National Level Student Research Symposium (SRS 2021) in Kristu Jayanti College Bengaluru.

Participation in Workshop

- DST-ICPS sponsored Two Week Program on Recent Trends and Research Challenges in Artificial Intelligence, Machine Learning and Deep Learning" 15-Jan-2020 at PSG COLLEGE OF TECHNOLOGY.
- Business Intelligence using Power BI, Skill Nation, Online, 2-March-2024 to 3 March-2024

Participation in Faculty Development Programme

- "Student centric and interactive teaching strategies using technological Tools", Providence College For women, 17-July-2023 to 21- July- 2023
- "Data Science Specialization Using Python" NoviTech , 7-July-2023 to 14-July -2023
- "Emotional Intelligence" Conducted by ICT Academy on 15-dec-2022 to 17-dec-2022 at Dr.NGP Arts and Science College.
- "Advances of Computing Technology (A-FACT)" Amity University 13-May-2024, to 17-May-2024 Organized by Department of Computer Science & Engineering.
- "Generative AI Model and Applications of Machine Learning" 21-May-20244 to 25-May-2024 at Shri Vishnu Engineering College for Women,Bhimavaram.