

FACULTY VITAE

Name -Dr. Dahlia Sam

Education –

- BE.,Avinashlingam University,2002
- ME.,Anna University, 2004
- PhD.,Dr M.G.R Educational and Research Institute, 2017



Academic experience – Professional Experience

- Worked as an Associate Professor from March 2023 till date Professor, Dr. M.G.R. Educational and Research Institute, University, Chennai
- Worked as an Assistant Professor Jan 2020 till March 2023 Associate Professor, Dr. M.G.R. Educational and Research Institute University, Chennai
- Worked as an Assistant Professor July 2006 to April 2007 Lecturer, Dept. of Computer Science and Engineering, Easwari Engineering College, Chennai.
- Worked as an Assistant Professor June 2005 to June 2006 Lecturer, Dept. of Computer Science and Engineering, St. Josephs College of Engineering, Chennai.
- Worked as an Assistant Professor Feb 2004 to June 2005 Lecturer, Dept. of Computer Science and Engineering, Karunya University, Coimbatore.

Non-academic experience –

- 12 years (Oct 2007 to Dec 2019 Freelance Web Developer and owner of 3 commercial websites)

Service activities -

- Reviewer for the IEEE International Conference on the Advances in Data Engineering and Intelligent Computing Systems ADICS-2024 held on April 17th and 18th 2024 organized by Hindustan Institute of Technology and Science, Chennai, India
- Reviewer - Measurement: Sensors, Elsevier.
- Reviewer for the "International Conference on Computational Science and Technology" (ICCST - 2022), organized by the Department of Computer Science and Engineering, Sri SaiRam Engineering College, held during 9 -10, November 2022.
- Reviewer - Transactions on Intelligent Transportation Systems
- Editor of Global Vision Press

- Editor - Journal of Network and Computer Applications
- Part of Dr. MGR Educational and Research University Website Management Team (drmgrdu.ac.in)

Publications and presentations from the past year –

Books & Book Chapters Authored

- Dahlia Sam., Nithya, K., Deepa Kanmani, S., Adlin Sheeba., Shamila Ebenezer, A., Uma Maheswari, B. & Jennifer Daffodils Amesh. (2023). Survey of risks and threats in online learning applications, Secure Data Management for Online Learning Applications, ISBN: 978-1-032-20642-4 (hbk) ISBN: 978-1-032-20643-1 (pbk) ISBN: 978-1-003-26453-8 (ebk),
- Jayanthi, K., Priya, MS., Saranya, S., Gomathi, R. & Dahlia Sam. (2023). E-Learning as a Desirable Form of Education in the Era of Society 5.0, Advances in Distance Learning in Times of Pandemic, Pages 23-51, ISBN: 9781032334417 (hbk) ISBN: 9781032344591 (pbk) ISBN: 9781003322252 (ebk), DOI: 10.1201/9781003322252.

Journal Publications

- Joshi, A., Tamil Selvi, C., Dahlia Sam. & Nalini, T. (2023). Reliability Analysis of Topologies Derived from Ring Topology. Journal of Survey in Fisheries Science. 10(4S), p. 352-357.
- Vidhya, M., Dahlia Sam & Rajavarman, V.N. (2023). An Adaptive Thresholding and Hybrid Deep Learning Model for Rice Blast Fungal Detection using BOA & ROA Algorithm. The Seybold Report. 18(4) p. 1130-1147. (ISSN 1533 9211 DOI 10.17605/OSF.IO/TZB8R).

Conference Presentations & Publications

- Abirami, M., Victo Sudha George, G. & Dahlia Sam. (2023). Acute Lymphoblastic Leukemia Detection Challenges and Systematic Review. 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) at Tirunelveli, 23rd to 25th January.
- Dahlia Sam., Kaviyadarshini, Nasreen Banu., M., Lokesh Raj, M., Abishek Roshan.. (2023). Amigo AI Voice Assistant, International Conference on Advances in Science, Humanities and Technology (ICASHT-23) at Chennai, 9th & 10th January.
- Dahlia Sam., Kaushal Kumar., Gulzar, M.D.. & Kundan Kumar. (2023). Virtual Mouse

and Keyboard using Hand Gesture, International Conference on Advances in Science, Humanities and Technology (ICASHT-23) at Chennai, 9th & 10th January.

Briefly list the most recent professional development activities

- Participated in 5 days National Level Faculty Development Programme on —*Recent Technologies in Computer Science for Research Perspectives-2024* organized by the PG & Research Department of Computer Science (SF-II), Bishop Heber College from 1.05.2024 to 05.05.2024
- Participated in 5 days Virtual Faculty Development Programme on “*Impact of the Recent Approach on the Evolution of Machine Learning and Deep Learning*” organized by Department of Computer Science, Bharat Institute of Higher Education and Research from 29.02.2024 to 05.03.2024
- Participated in 5 days International Virtual Faculty Development Programme on “*Innovative Computing Technologies for Healthcare Systems*” organized by Department of Computer Science and Engineering in association with Center for Faculty Development, St. Peter’s Institute of Higher Education and Research from 19.02.2024 to 23.02.2024
- Participated in 2 days Faculty Development Programme on —*Evaluation Strategies & Classroom Management Skills* organized by Department of Computer Science, Michael Job Memorial College of Education for Women from 5.02.2024 to 6.02.2024
- Participated in 7 days Online International Faculty Development Programme on —*Latest Trend and Techniques in Software Engineering: An Industry Perspective* organized by Department of Computer Science, CHRIST University from 20.01.2024 to 27.01.2024
- Participated in 6 days National Level Faculty Development Programme on —*Emerging Recent Trends in Engineering and Technology* organized by Department of Computer Science and Engineering, Kings Engineering College from 4.01.2024 to 11.01.2024
- Participated in 5 days Online Workshop on —*SPSS in Research* organized by the Star International Foundation for Research and Education from 26.12.2023 to 30.12.2023
- Participated in 5 days Faculty Development Programme on —*Deep Dive into Data Science: Statistics and Data Handling Through Excel and SPSS* organized by the Department of Information Technology in association with Academic Staff College, Dr. M.G.R. Educational and Research Institute from 9.10.2023 to 14.10.2023