Ms L.Sankara Maheswari M.C.A., M.Phil.,

Head & Assistant Professor Department of Information Technology Sri G.V.G Visalakshi College for women, Udumalpet. **Experience : 15 years**
sankarilakshman@gmail.com
Qualification Approval No : **5120/A3/2010**

About Self

- Dedicated Professor with experience in achieving tangible results and cross-team collaboration. Proactive and excited to partner with like-minded individuals to achieve goals.

Education:

- In 2017, I earned my M.Phil in Computer Science from Tiruppur Kumaran College for Women.
- In 2007, I graduated with distinction from NGM College, Pollachi, with a Master of Computer Applications (M.C.A.).
- In 2004, I graduated with distinction from Sri G.V.G Visalakshi College for Women with a Bachelor of Science in Computer Science.

Appreciation and Recognition

- Received Award of Appreciation for effective contribution and support in organizing National level hackathon Idea Verse in association with Project.com & Institution Innovation Council.

- Received Award of Appreciation for outstanding contribution and support in completing 100 students learning during "Learnathon 2022".

  Institutional Partnerships for Education: Discuss the benefits of collaboration between educational institutions, industry partners like Project.com, and innovation councils in organizing events and initiatives that enrich students' learning experiences.

Skills

- **Programming Languages**: Proficient in languages such as Java, Python, C++, and JavaScript, with a deep understanding of software development principles.
- **Database Management**: Expertise in designing, implementing, and managing databases using SQL and NoSQL technologies like MySQL, MongoDB.
- **Algorithms and Data Structures**: Thorough knowledge of fundamental algorithms and data structures, including sorting algorithms, search algorithms, trees, graphs, and hash tables.
- **Computer Networks**: Experience in teaching concepts related to networking protocols, network security, TCP/IP, routing, and switching.
- **Operating Systems**: Familiarity with various operating systems such as Linux, Unix, Windows, and macOS, including system administration tasks and shell scripting.
- **Software Engineering**: Understanding of software engineering principles, including software design patterns, version control systems (e.g., Git), and software testing methodologies.
- **Cybersecurity**: Familiarity with cybersecurity concepts, including encryption, authentication, access control, vulnerability assessment, and ethical hacking techniques.
- **Cloud Computing**: Understanding of cloud computing platforms such as AWS, Azure, and Google Cloud, including cloud architecture, deployment, and management.
- **Research and Publications**: Demonstrated ability to conduct research in computer science-related fields and publish findings in peer-reviewed journals and conferences.
- **Problem Solving**: Strong analytical and problem-solving skills, with the ability to tackle complex technical challenges and guide students in developing effective problem-solving strategies.
- **Communication Skills**: Excellent verbal and written communication skills, essential for effectively conveying complex technical concepts and fostering student engagement and collaboration.
- **Continuous Learning**: Commitment to staying updated with the latest advancements in computer science and technology through self-learning, professional development, and participation in conferences and workshops.

Skill Training Attended

- Attended Virtual Faculty Development program on CHATGPT & AI TOOLS from 01.12.2023 to 5.12.2023 at ASET College, Chennai & Coimbatore
- Attended one week Faculty Development Program on Cloud Practitioner (AWS) conducted by ICT Academy on 05 Dec 2022 to 09 Dec 2022 at Tiruppur Kumaran College For Women
- Attended 5 days International Faculty Development Program on Advanced Techniques in Computing Sciences and Applications from 19.11.2022 to 23.11.2022.
- Attended 6 Hours of Faculty Development Program on Cisco Cybersecurity Faculty Orientation (Online FDP) conducted by ICT Academy on 04 Nov 2022 to 04 Nov 2022.
- Participated in three days Faculty Development Programme on "Introduction to Big Data Analytics" conducted by ICT Academy on 22.01.2020 to 24.01.2020 at Avinashilingam Institute for Home Science and Higher Education for Women.
- Attended 2 days faculty development programme on "Video Lesson making for MOOCS" at Sankara College of Science and Commerce, Coimbatore on 4.1.2019 and 5.1.2019.
- Attended Two days Faculty Development program on "IBM Bluemix" conducted by ICT Academy of Tamilnadu on 30th and 31st August 2016 at Bharathiar University.
- Attended a National Level Training for five days on "Cloud Infrastructure and Services" at Kalaignar Karunanidhi Institute of Technology on January 2012.
- Attended National Level Training program on Java Programming from 29th May to 5th June 2010 at PSG Arts and Science College Workshop organized by ICT Academy of Tamil Nadu.

Certificate Courses

- Successfully completed Diploma course in Childcare and crèche Management in April 2021 at sri G.V.G Visalakshi College for Women.
- Successfully completed of all requirements of one week online certificate course on "Digital Teaching Techniques" organized by ICT Academy from 07.09.2020 to 12.09.2020.
- Successfully completed of all requirements of one week online certificate course on "Digital Teaching Techniques" organized by ICT Academy from 29.06.2020 to 04.07.2020.
- Attended RedHat Certified System Administrator Course at PSGR Krishnammal College for Women, Coimbatore from 20.5.2019 to 29.5.2019.

- Attended a National Level Training for five days on "Cloud Infrastructure and Services" at Kalaignar Karunanidhi Institute of Technology on January 2012.

Work Shop attended

- Attended one day workshop on "Outcome based Education" at Gobi Arts and Science college, Gobichettipalayam on 1.12.2018.
- Attended DRDO sponsored Two Days National Workshop on "Data Analytics in wireless sensor Networks – Tools and Techniques" organized by department of computer Science during 28th and 29th January 2016 at PSGR Krishnammal College for Women, Coimbatore.
- Attended 2 days National level workshop on "Mechanics of writing a Research Article" organized in Sri GVG Visalakshi College for women on 3rd and 4th June 2013.
- Attended the International level Workshop on 21st July 2010 at Radisson Hotel, Chennai, organized by ICT Academy of Tamil Nadu.

Acted as Resource Person

- Acted as chairman for B.Sc Information Technology Board from 2017 onwards for fostering collaboration, implementing educational initiatives, and promoting academic excellence.

- Handled courses for Diploma Course in Childcare and crèche Management under community college.

- Delivered a speech on "Goal Setting" in the orientation Programme – Day 4 held at TERF's Academy College of Arts and Science, Tiruppur on 28.9.2021.

- Acted as a resource person for the students of computer stream on topic "Digital Pedagogics for Effective Learning" on 7.7.2021 at Sree Abiraami Arts & Science College For Women, Vellore under Paramash.

- Acted as a Resource person for "Cloud Infrastructure and services" course conducted by ICT Academy of Tamilnadu for Post graduate students in September 2013.

Publications

Ms. L. Sankara Maheswari & M.Malini published book chapter of "An Analysis of the Right mix of Learning Modes & I.C.T tools to enrich the learning experience of students in Higher Education" in Book Scope of federated Learning in Next Gen Industrial Systems on December 2022.[972-93-5777-445-1]

Sankara Maheswari & T. Mahalakshmi published paper titled "Clustering and Classification based Approach for Emotion Analysis in Online Social Network Data" in International Journal for Scieentific Research & Development on March -2019 (ISSN[online]: 2321 0613).

Published paper entitled " Wireless Sensor Network – A Survey" .ISSN : 2454-1362 Volume 3 , Issue-11 November 2017.

Published paper on "Load Balancing algorithms in cloud Computing, A review" in International Journal of Advanced Research in Computer science and S/w Engineering, July 2015, ISSN : 2277 128X Volume5 ,Issue 7.

Event Co-ordinator

Co-ordained national level Idea Fest 2023& 2024 where more innovative ideas where presented and benefited.

National level Virtual Internship in association with New Technology, AICTE Approved institute for Internship, Coimbatore.

Establishing a Centre for Women Empowerment (CWE) under the CSR initiative of Cognizant Foundation. The COE is for skilling 110 students in Advanced Technology course titled **Salesforce CRM** , in demand in the industry.

National level hackathon Idea Verse in association with Project.com & Institution Innovation Council.

Coordinated Employability Skill training in Technology and soft Skills organized by Tamilnadu skill Development Corporation and ICTACT for Computer Stream students.

Initiated and coordinated e-Sharm Free registration and ID Card generation Camp for nearly 12 villages (Myvadi Panchayat). It was appreciated by the MLA of the madathukulam for our social work and gave appreciation certificate. Our work is appreciated and published in the tamil magazine "Bharatha thoongal".

- In association with Thaagam foundation I have involved in cleaning thirumoorthy hills by removing all plastic bags and made plastic free area with help of students to bring social responsibility for the students and for the environmental benefit.
- Coordinated the social activity In association with abdul kalam arakattalai we have provided new dress and tree sampling for the differently abled persons of thungavi panchayat.
- Given awareness on cyber security to the school students for making the students be safe on mobile using and suggested some apps for girl child self-safety. We have gone to many schools and given awareness to the students.
- Initiated and coordinated medical camp at pallapalayam village. Nearly 500 people were benefited. (Dental, Bone density, Pressure checking , general doctors were in the camp).
- Acted as a chief faculty coordinator for Two days National Level Workshop on "Ethical Hacking" at Sri GVG Visalakshi College for Women, Udumalpet in association with Robokart,IIT – Mumbai in Septembet 2016.

Conference / Conclave

- Participated in the 45th edition of BRIDGE 2020 – Chennai (A High Impact Industry – Institute Interaction Event of India) organized by ICT Academy held on 26.02.2020 at IITM Research Park, Chennai.
- Participated in two days Conference on IBM Career Education Skills Track – 31st August, ISTC 2017 in IBM Solutions Technical Conference.

Position Held:

- Academic Coordinator - ICT Academy of Tamilnadu
- Institution Online Course Coordinator
- Institution Social Media co-ordinator

Member in

- Curriculum Development Cell
- Student Welfare Committee
- Examination Committee
- Admission Committee
- Job Oriented Course
- Placement
- HCL & IBM
- Planning and Evaluation Committee
- College Union
- NSS copted member
- Institution Web site
- Community College

"No matter what happens in the world around you,

You have the power to create your own ability"

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