List of professional development programs attended by teachers, viz., Orientation Program, Refresher Course, Short Term Course, and Faculty Development Programs during the academic year 2019-20 to 2024-25

Name of the Faculty : **MS.S. ATHILAKSHMI**

Designation : **ASSISTANT PROFESSOR & HEAD**

Department : **COMPUTER SCIENCE**

Experience in years

(as on November 2024) : 19 years

Qualification

Name of Degree	Programme	Institution/University	Year of Passing
MBA	Human Resource Management	Annamalai University, Chidambaram.	2008-2010
M. E	Computer Science & Engineering	Anna University	2004
B. E	Instrumentation & Control Engineering	Madurai Kamaraj University	2001

Invited Talks

S. No	Title of the Program	Name of the program	Mode of the Programme (Online/Offline)	Date	Name of the institution
1	Network Security	Invited Lecture	Offline	August 2007	SCAD College of Engineering, Cheranmahadevi, Tamil Nadu
2	Future Tech: Storming Trends in Computing (FTSTC 19)	National Seminar	Offline	August 06,2019	Sri S.Ramasamy Naidu Memorial College, Sattur, Tamilnadu
3	Google apps for Event and Education	Internal Faculty Development Program	Online	June 27, 2020	Christ College of Science and Management, Malur
4	Health and Hygiene	Orientation Program	Offline	17.03.2021	Womens Cell, Christ College of Science and Management
5	Internet of Things	Webinar	Online	4 August 2021	Christ College of Science and Management

6	Workshop on E-Commerce Security Issues and Solutions	Workshop	Online	06/08/2022	Vardhaman College of Engineering, Andhra Pradesh

PUBLICATIONS
Journals:

S. No	Title of the Paper	Name of the Journal	National level/International level	Month & Year of publish
1	Establishing Secured HMAC protocol to Enhance Broadcast Authentication in Wireless sensor Networks	**Computer Society of India (CSI) Communications**	National Level	Volume 31, Issue 5, August 2007, PP 6 –12.
2	Defending against denial of sleep attack in fixed grid topology for wireless sensor networks- A study	**SCIENTECH Journal on Science and Technology**	National Level	Volume 3, No.1 April 2014, PP 126-130.

International/National Conferences:

S. No	Title of the Paper	Title of the Conference	Organizer	Month & Year
1	Energy Efficient HMAC Protocol to enhance Security and Lifetime of Wireless Sensor Networks	International Conference on Wireless Communication and Sensor networks **(WCSN '06)**	Indian Institute of Information Technology, Deoghat, Jhalwa, Allahabad	DEC 17th to 19th, 2006
2	Effective Key Management Scheme for Higher Degree Connectivity in Wireless Sensor Networks"	International Conference on Computational Intelligence and Information Security **(ICCIIS '07)**	Thiagarajar College of Engineering, ThiruparankundramMadurai	Jan 25th, 2007

Paper presentation in National Conference:

S. No	Name of Program	Role (Participated /Presented)	Mode of the Programme (Online/ Offline)	Title of Paper	Date	Organising Institution	Level
1	National Conference on Humanities, Science & Technology	Presented	Offline	Security Issues on Wireless Sensor Networks	13 Oct 2018	Christ College of Science & Management	National

2	National Conference on Humanities, Science & Technology	Presented	Offline	Wireless Sensor Networks: A Study	13 Oct 2018	Christ College of Science & Management	National
3	International Conference on Sustainable Advanced Computing	Presented	Offline	A NOVEL COMPUTATIONAL FRAMEWORK FOR SECURE DATA PROPAGATION WITH OPTIMIZED NETWORK PERFORMANCE IN IOT	22-23 March ,2024	CHRIST(Deemed to be University),Bangalore	International
4	International Conference on Tech Diplomacy 2.0 India's Global strategic Alliance in the Digital Decade	Presented	Offline	Study on Innovations and Solutions in Green IOT(GIoT)for a sustainable future	4-5 October,2024	CHRIST(Deemed to be University),Bangalore	International

National/International Conference Attended:

S. No	Title of the E-Conference	Name of Organiser	Mode of the Programme (Online/ Offline)	Level	Date
1	Golden National Colloquium on Higher Education: The Past and the Future	CEDBEC, Christ Deemed to be University, Bangalore	offline	National	28-30 November 2018
2	NAAC's New Framework of Accreditation & Assessment for Higher Educational Institutions in India	Yashwantrao Chavan School of Social Work, Satara, Maharashtra	Online	National	July 8,2020
3	NAAC Accreditation & Assessment: Role of Teachers in Teaching, Learning & Evaluation	Yashwantrao Chavan School of Social Work, Satara, Maharashtra	Online	National	July 25,2020

4	Women in Data Science	Taif University, Saudi Arabia	Online	International	30th March to31st March 2021
5	15th National IQAC Conference on Revisiting Quality in Higher Education	IQAC, Kristu Jayanti College (Autonomous), Bengaluru	Offline	National	16th & 17th March 2023

Faculty Rewards & Recognition:

SNo	Name of the Award	Date	Awarded by
1	Appreciation Award by BSNL, Regional Telecom Training Centre, T.K Layout, Mysuru	23/8/2019	BSNL, Regional Telecom Training Centre, T.K Layout, Mysuru
2	Appreciation received from Vice Chancellor for successful conduction of AIU South Zone inter -University Kho-Kho Men championship.	17/3/22	Vice Chancellor, Bengaluru North University, Tamaka, Kolar
3	Received **Pinnacle Performer** award from the Head of the Institution of Christ College of Science and Management.		Principal, Christ College of Science and Management.
4	Question Paper setter for BSc (CS) & BCA - (NEP) & CBCS September-2023 Examinations.	28/08/23	Dr. K. MURUGAN, M.Sc, M.Phil, M.E, Ph.D,BOE-Chairperson (UG), 2022-23,Computer Science - (B.Sc & BCA)
5	Appointed as Member (External) to the Board of Examiners for UG Examinations of 2024-2025	4/11/24	Office of the Controller of Examinations

Refresher Programme Attended:

S. No	Name of the Refresher Programme/Course	Name of Organiser	Mode of the Programme (Online/Offline)	Level	Date
1	Refresher Programme	Christ University, Bangalore	Offline	Intercollegiate	2nd and 3rd July,2019
2	Recent Trends in Information, Computing, Communication and Teaching Methodology competency	Sri Sai Ram Engineering College, Chennai	Online	National	04th May 2020 to 17th May 2020

Faculty Development Programmes Attended:

S. No	Name of the FDP	Name of Organiser	Mode of the Programme (Online/Offline)	Level	Date
1	Faculty Development Program on "High Performance Communication Networks"	Centre for Faculty Development, Anna University, Chennai, at National Engineering College, Kovilpatti	Offline	National	29.11.2004 to 04.12.2004.
2	Faculty Development Training Program on "Network Protocols, Management & Security"	Centre for Faculty Development, Anna University, Chennai, at National Engineering College, Kovilpatti	Offline	National	22.05.2006 to 03.06.2006
3	One day Faculty Development program on "Middleware Technologies"	Department of Computer Applications, K.L.N College of Engineering, Pottapalayam, Madurai	Offline	National	January 10 th , 2007.
4	Faculty Development Programme on NAAC Procedure and Documentation	Christ College of Science and Management	Offline	College	6 January 2018
5	One Day FDP on Cyber Forensics and Network Security	T.John College, Bangalore	Offline	National	17 March 2018
6	Two Days Faculty Development Programme	Christ College of Science and Management	Offline	College	29-30 June 2018
7	Faculty Development Programme on Radical Change in Higher Education – Challenges and Possibilities	IQAC, Christ College of Science and Management	Offline	College	10 December 2018

8	Faculty Development Programme	CEDBEC, Christ Deemed to be University, Bangalore	Offline	National	12 December 2018
9	Intellectual Property Rights	Sacred Heart Girls First Grade College, Bangalore	Offline	National	24th February 2020
10	NAAC Assessment and Accreditation Building Institutional Competencies	Christ Deemed to be University, Bangalore	Offline	National	5th March to 7th March 2020
11	Two Days Online Faculty Development Programme On Google Apps	Christ College Of Science And Management,Malur	Online	National	May 29,30,2020
12	Outcome Based Education	Inpods Ed-tech	Online	National	19th May 2020
13	Effective E-Content Design	Kristu Jayanti College, Bengaluru	Online	National	June 11 & 12, 2020
14	Two Weeks Management Development Programme on "Transformational Leadership & Change in Managerial Skills During Times of Uncertainty	Jain Deemed to be University, Bangalore	Online	National	30th July to 6th August 2020
15	Role of Teachers in Quality Enhancement and Accreditation	Kristu Jayanti College, Bengaluru	Online	National	May 11,2020 to May 18,2020

16	NAAC Assessment and accreditation Process	Christ College of Science and Management	Online	College	October 28 to November 3,2020
17	Machine Learning with Python	Francis Xavier Engineering College, Vannarpettai, Tirunelveli	Online	National	26th April to 30th April,2021
18	Faculty Development Programme on Training the Trainers	Christ College of Science and Management	Offline	College	27th January 2021
19	Faculty Development Programme on Intellectual Property Rights	Sacred Heart Girl's First Grade College, Bengaluru	Offline	Intercollegiate	24 February 2020
20	Two Weeks online Joint FDP on Research Methodology	Electronics & ICT Academy Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India, Indian Institute of Technology Guwahati	Online	National	18 - 29 April, 2022
21	One week FDP on Amazon Web Services	Vardhaman Engineering College, Brainvision Solutions India Pvt.Ltd & AICTE	Online	National	22 Aug to 27 Aug 2022
22	Two Days Faculty Development Programme on Designing Internet of Things	Department of Computer Science(UG), Kristu Jayanti College, Autonomous, Bengaluru	Offline	Intercollegiate	12 & 13 June,2023
23	Faculty Development Programme on Outcome Based Education	Christ College of Science & Management	Offline	College	July 4th, 2022

24	FDP on "Fortifying Digital Fortresses: Navigating the current Landscape of Cyber Security"	School of Computer Science and Engineering and Information Science, Presidency University	Online	National	09 December 2023
25	FDP on Fortifying Digital Fortresses:Navigating the current Landscape of Cyber Security	School of Computer Science and Engineering and Information Science,Presidency University, Bengaluru	Offline	National	09th December 2023
26	FDP on "Global Business Foundation Skills",	INFOSYS BPM Ltd,Mangalore	Offline	National	20th August to 28th August, 2024
27	Parallel Programming with OpenMP and MPI	Oxford College of Science,Bangalore	Offline	National	31st Aug 2024

International/National Webinars Attended:

S. No	Topic of the Webinar	Name of Organiser	Level	Date
1	E-content Development Webinar	Research centre for English Language and Literature	National	April 10,2020
2	How to Bring Lasting Changes in Students	St. Joseph College for Women, Tirupur	National	May 21, 2020
3	Semantic Web-An Overview of Protégé	Vels Institute of Science Technology & Advanced Studies, Chennai	International	May 28, 2020
4	Online Teaching -Learning and Online Assessment	Inpods Ed-tech	National	May 29,2020
5	NAAC Accreditation Management System	Inpods Ed-tech	National	May 29,2020
6	A Path to Positive Self	Christ College of Science and Management, Malur	National	May 29,2020
7	Mobile Technology for Business	National College of Engineering, Tamil Nadu	National	May 31,2020
8	Campus to Corporate	Christ College of Science and Management, Malur	National	June 22,2020
9	Stress Management During Covid-19	Christ College of Science and Management, Malur	National	July 10,2020
10	Role of IQAC in Innovative Teaching Pedagogy & Quality Sustenance in the Post COVID-19 Scenario	Indian Academy Degree College – Autonomous	National	July 18,2020

11	Parenting In Uncertain Times	Jain (Deemed-To-Be University), Bengaluru	National	July 20,2020
12	Teaching Learning Tools	Christ College of Science and Management, Malur	College/Online	27th January 2021
13	Valuing Water for Future Sustainability	RBANM's First Grade College, Hallasuru, Bangalore	National /Online	3rd April 2021
14	Program Design Concepts-NAAC and NEP 2020	Inpods Ed tech	National	May 19 2021
15	'Integrating Students and Teachers with Graphic Design'	Christ College of Science and Management, Malur	College/Online	3rd July 2021.
16	Making Effective Presentations using PowerPoint'	Christ College of Science and Management, Malur	College/Online	7th July 2021
17	Barriers in Communication	Christ College of Science and Management, Malur	College/Online	17 July 2021
18	Mathematical Thinking for Beginners	Christ College of Science and Management, Malur	College/Online	21st July 2021
19	Financial Markets	Christ College of Science and Management, Malur	College/Online	24 July 2021
20	Cry of the Stolen Spring: A Review of God, Help the Child by Toni Morrison	Christ College of Science and Management, Malur	College/Online	25th July 2021
21	Time Management	Christ College of Science and Management, Malur	College/Online	28 July 2021
22	Communicate with Confidence	Christ College of Science and Management, Malur	College/Online	31 July 2021
23	Transmedia Story Telling	Christ College of Science and Management, Malur	College/Online	1 August 2021
24	Recent Trends in Human Resource Management	Christ College of Science and Management, Malur	College/Online	11 August 2021
25	Synthesis and Characterisation of Nanomaterials	Christ College of Science and Management, Malur	College/Online	25th August 2021
26	Effective Usage of Library Resources	Christ College of Science and Management, Malur	College/Online	29 August 2021
27	Leadership Skills	Christ Coellege of Science and Management, Malur	College/Online	1 Sept 2021

28	Big Data and Hadoop-A short Insight	Christ College of Science and Management, Malur	College/Online	4 Sept 2021
29	Carbon Nanotubes and its applications	Christ College of Science and Management, Malur	College/Online	5 Sept 2021
30	Introduction to Latex	Christ College of Science and Management, Malur	College/Online	11 Sept 2021
31	Introduction to Accounting Software	Christ College of Science and Management, Malur	College/Online	12 Sept 2021
32	Tax Literacy	Christ College of Science and Management, Malur	College/Online	15 Sept 2021
33	Cyberbullying	Christ College of Science and Management, Malur	College/Online	19 Sept 2021
34	Role of Chemistry in Sustainable Development	Christ College of Science and Management, Malur	College/Online	22 Sept 2021
35	Redifining the role of Educators in post covid era	Carmel CMI Province, Department of Education and Media, Muvattupuzha	National	03/10/2021
36	Global Event on Future of Career in Technology	NDLI Club, Christ College of Science and Management	National	16-12-2021
37	Awareness Programme on National Digital library of India and NDLI club	NDLI Club, Christ College of Science and Management	National	17-12-2021
38	Teaching in 21st Century: Challenges, Innovations and Opportunities	Carmel CMI Province, Department of Education and Media, Muvattupuzha	National	04/12/2021
39	Innovation Journey and Entrepreneurship Challenges	Department of Commerce, Christ college of Science and Management	College	19/03/2022
40	International Eminent Lecture Series on Global Trends and Practices in AI	MGR College, Hosur	International	14/09/2022
41	5 Day Tech Insights Series-Generative AI	Presidency University, Bengaluru	National	16 August 2023
42	5 Day Tech Insights Series-Cryptography: Fundamentals to advancements	Presidency University, Bengaluru	National	23 August 2023
43	5 Day Tech Insights Series-IOT Revolution	Presidency University, Bengaluru	National	28 August 2023

Certificate Courses Completed:

S. No	Name of the Course	Duration of the Course	Mode of the Programme (Online/Offline)	Date of completion	Certified By
1	Cybersecurity and the Internet of Things	Four Weeks	Online	March 05, 2020	Course Era
2	Let's Break the chain of Covid-19 Infection	One week	Online	March 30, 2020	The Mohammed Bin Rashid University of Medicine and Health Sciences
3	Network Security and Management			May 5,2020	Sri Krishna Adithya College of Arts and Science, Tamil Nadu
4	Learner Centric Content Design Tools	10 days	Online	5 May 2021 to 14 May 2021	Sanatan Dharma College, Ambala Cantt, New Delhi

Orientation Programme Attended:

S. No	Topic of the Orientation Programme	Name of Organiser	Level	Date
1	Google Tools for Effective Teaching Methodologies	BES College, Bangalore	National	June 29,2020

Quiz Programme Attended:

S. No	Topic of the Quiz	Name of Organiser	Mode of the Programme (Online/ Offline)	Level	Date
1	Covid-19 Awareness Quiz	Government First Grade College, K R Puram, Bangalore	Online	National	April 24, 2020
2	Covid-19 Awareness Program	Thiagarajar College of EngineeringMadurai	Online	National	May 4,2020
3	Faculty Awareness Program on NAAC Accreditation	Shri Chhatrapati Shivajiraje College of Engineering, Pune	Online	National	May 15, 2020
4	Spit-Free India Movement	Narayana Health,Bangaluru	Online	National	August 2020
5	E-Quiz on Environment Day	NDLI Club & Department of Library and Information Centre	Online	National	05/06/2022 to 10/06/2022
6	National level E-Quiz on the National Constitution Day "Preamble Pursuit"	Christ College of Science and Management, Alambady	Online	National	9th November - 22th November,2024

Workshops attended:

S. No	Topic of the Webinar	Name of Organiser	Level	Date
1	Two days workshop on "Mentors Development Program",	Department of Computer science and Engineering at National Engineering College.	College	11.09.04 to 12.09.04
2	One day workshop on "Igniting Students' Counselor"	CSI Student's chapter (Region VII) at National Engineering College, Kovilpatti.	College	
3	Two days workshop on Compiler Design	Vivekananda Institute of Technology, Bangalore	National	19 th & 20 th February 2009.
4	Two days workshop on Web 2.0 & Rich Internet Applications	Sahyadri College of Engineering and Management, Mangalore	National	23 rd & 24 th October 2009.
5	Two days national level workshop on Mobile Application Development	Cambridge Institute of Technology, Bangalore.	National	21st & 22nd February 2011
6	Online Workshop on "Lessons from God in the Boardroom"	ISBR College, Bangalore	National	May 05, 2020
7	Online National Workshop on "Highlights and Implementation of National Education Policy-2020"	Bangalore University, Bengaluru, Karnataka	National	August 24th to 28th, 2020
8	One day Workshop on NEP 2020	Bengaluru North University and SEA College of Science, Commerce and Arts	National	30 Sept 2021
9	Workshop on Innovation & Intellectual Property Protection	Kristu Jayanti College (Autonomous) and Bangalore North University	National	31st March 2023
10	Workshop on Binary Accreditation System of NAAC	SEA College of Science,Commerce and Arts	National	20th Sept 2024

Seminar Attended:

S. No	Name of the Seminar	Name of Organiser	Mode of the Programme (Online/ Offline)	Level	Date
1	National Seminar on NAAC Assessment and Accreditation Building Institutional Competencies	Christ Deemed to be University, Bengaluru	Offline	National	5-7 March 2020
2	5 day Tech Insights Series on Cryptography:Fundamentals to Advancements	Presidency University,Bengaluru	Offline	National	23rd Aug 2023

3	5 day Tech Insights Series on IOT Revolution	Presidency University,Bengaluru	Offline	National	28th Aug 2023

S.No	Title	Certificate Link
1	Refresher Programme Attended	https://drive.google.com/drive/folders/1Kvmh2yfx9Fjk0uBA6f8IRkhysg4mdPPR?usp=sharing
2	FDP Attended (2017 to 2019)	https://drive.google.com/drive/folders/1RXIHsyzTtJFaMfGYxaIqBa-lCwUYer-n?usp=drive_link
3	FDP Attended	https://drive.google.com/drive/folders/1PBXUPQc9Q870Ahiw74S-GyjIBUGkZnDv?usp=sharing
4	National Webinar Attended	https://drive.google.com/drive/folders/1cjGSqEm3yAgCb8IuYkc5h0K-Kw1rCmBe?usp=sharing
5	International Webinar Attended	https://drive.google.com/drive/folders/1GOWWXbcLtLmUCgjGLJIZGoi6fzNz7bwX?usp=sharing
6	Certificate Courses Attended	https://drive.google.com/drive/folders/1Vou0lWYrlNRwuhCJA_icSXFUsHWG_Qau?usp=sharing
7	Orientation Program Attended	https://drive.google.com/drive/folders/1z7h7alaYQGAAftN2SWGUcYauttKw6VSm?usp=sharing
8	Quiz Attended	https://drive.google.com/drive/folders/1ERcxdZO6NUjGICNWDCqiSPgSg-S-gFUI?usp=sharing
9	National E-Conference Attended	https://drive.google.com/drive/folders/1DiSqeikvmanXRUOGlWTPR5dv4GTMKkQ2?usp=sharing
10	Workshops attended	https://drive.google.com/drive/folders/1QBDvsQyNV0IvO9jrnsb-QMW0Az0BSbQS?usp=sharing
11	Online Programmes Attended	https://drive.google.com/drive/folders/18GFhr6-_Oi_vIS8ELb_T-4VVfD3P3KJ4?usp=drive_link