



# CHRIST COLLEGE

## OF SCIENCE AND MANAGEMENT

(Affiliated to Bengaluru North University, Recognized by Govt. of Karnataka)

List of professional development programs attended by teachers, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs during the academic year July 2022- Dec 2024

Name of the Faculty	: Dr.Vijayalakshmi V
Designation	: Assistant Professor
Department	: Computer Science
Experience in years (As on July 2024)	: 18 Years

### Qualification:

Name of Degree	Programme	Institution/University	Year of Passing
B.Sc	Computer Science	PERIYAR UNIVERSITY	2002
M.Sc	Computer Science	BHARATHIAR UNIVERSITY	2005
M.Phil	Computer Science	PERIYAR UNIVERSITY	2009
Ph.D	Computer Science	PERIYAR UNIVERSITY	2022

### a. Books Published:

S.No	Type of Work	Title	Title of Book/Chapter/Article/Case Study	ISBN	Month Year	Kindly attach copy of certificate
1	Book Chapter	Advancements in AI and IOT Convergence Technologies	A Sophisticated Image Filtering and Enhancement Method with Worn Speculative Segmentation Process	10.4018/978-1-6684-6971-2.ch007	September 2023	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOI-OvSjuGMqKkNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOI-OvSjuGMqKkNL</a>

**b. Invited talks by faculty (as resource person)**

S.No	Title of the Program	Name of the program	Mode of the Programme (Online/ Offline)	Date	Name of the institution	Kindly attach copy of certificate & Brochure
1.	National Level Symposium	Techtra 2K22	Offline	21.10.2022	Gonzaga College of Arts And Science ,Krishnagiri	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL</a>
2.	National Level Symposium	Innowhiz'23	Offline	22.02.2023	Arignar Anna College, Krishnagiri	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL</a>
3.	National Level Conference	Recent Trends in Business Intelligence And Artificial Intelligence	Offline	24 &25.02.2023	M.G.R.College, Hosur	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL</a>
4.	National Level Symposium	VIBE 5.0	Offline	26.09.2023	M.G.R.College, Hosur	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKtNL</a>
5.	Webinar	Entrepreneurship in Data Science and Analytics	Online	15.02.2023	Adhiyaman Arts & Science College.,Uthangarai	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
6	FDEP	Embracing Industry 4.0 : Transforming Education and Industry through Innovation	Offline	28.09.2024	Cambridge College, KR Puram	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>

**c. Conferences attended/Presented by faculty**

**i. Participation in Seminar/Conference/Symposium:**

Sl. No	Type of Program	Role (Participated/ Presented)	Mode of the Programme (Online/ Offline)	Name of Program	Title of Paper	Date	Organising Institution	Level	Kindly attach copy of certificate
1	Conference	Participated	Offline	Revisiting Quality In	-	16,17.03.2023	Kristu Jayanthi College	National	<a href="https://drive.google.com/drive/folder">https://drive.google.com/drive/folder</a>

				Higher Education					s/1BCTHdsPt PxUc5ofvOl- OvSjuGMqK KtN
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**d. Journal publications by faculty**

**i. Articles in Periodicals:**

S.No	Title	Name of Periodical	Periodicity	Date	Kindly attach copy of certificate
-	-	-	-	-	-

**ii. Articles in Journals:**

S.No	Title	Name of Journal	Date of Publication	Vol. No./Issue No./Page No.	Kindly attach copy of certificate
1	Performance of re-ranking techniques used for recommendation method to the user CF-Model	International Journal of Data Informatics and Intelligent Computing(IJDIIC)	23-09-2022	Vol . 1, No.1,September 2022, 30-38	<a href="https://drive.google.com/drive/u/2/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4">https://drive.google.com/drive/u/2/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4</a>
2	Sophisticated CPBIS methods applied FBISODATA Clustering algorithm using with real time image database	Indonesian Journal of Electrical Engineeringand Computer Science	April 2023	Vol 30, No 1, Pageno 614-624	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKkNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOl-OvSjuGMqKkNL</a>

**e. Teachers Projects (Attach proof if any)**

**f. i) Teachers doing/ completed PhD**

S.No	Title of the thesis	University	Pursuing/Completed	Month Year	Kindly attach copy of certificate
1	Novel Deep Learning Based Multipath Clustering Protocol For Efficient Data Transmission In Wireless Sensor Networks	PERIYAR UNIVERSITY	COMPLETED	MAY 2022	<a href="https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4">https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4</a>

**ii) MPhil/PhD Guided/Adjudicated:**

S.No	Title	Name of Student	Institution	Month Year	Kindly attach copy of certificate
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

**g. Patent, FIST.... (Attach proof if any)**

Patent Name : Robotic Waste bin  
Application Number : 411002-001  
Cbr Number : 204606  
Cbr Date : 19/03/2024

**h. Faculty rewards & recognition (Attach proof if any)**

**i. Professional Development Programmes attended by faculty**

**a) Workshop/FDP/Training Programme Attended:**

Sl. No	Name of the Workshop/FDP/Training Programme	Name of Organiser	Mode of the Programme (Online/Offline)	Level	Date	Kindly attach copy of certificate
1	Outcome Based Education	Christ college	Offline	National	04 July 2022	<a href="https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4">https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4</a>
2	Two weeks national level virtual workshop on advanced research	Srm institute of science and technology, Chennai	Online	National	3 <sup>rd</sup> July to 18 <sup>th</sup> July 2023	<a href="https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOI-OvSjuGMqKkNL">https://drive.google.com/drive/folders/1BCTHdsPtPxUc5ofvOI-OvSjuGMqKkNL</a>
3	Seven Days Virtual International Level FDP On "Exploring Technological Advancements: A Voyage into Emerging Horizons"	Sri S. Ramasamy Naidu Memorial College, Virudhunagar	Online	International	20 November to 27 November 2023	<a href="https://drive.google.com/drive/folders/1M9SHUovnmLdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnmLdLvFxxpsyV6APHuwGysMgJg</a>
4	7 Days Online International Faculty Development	Christ University, Bangalore	Online	International	20 <sup>th</sup> – 27 <sup>th</sup> January 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnmLdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnmLdLvFxxpsyV6APHuwGysMgJg</a>

	<b>Program On “Latest Trend and Techniques in Software Engineering”</b>					
5	<b>5 Days International Virtual Faculty Development Programme On Emerging Trends in Data Analytics</b>	Saveetha College of Liberal Arts & Sciences, Chennai	Online	International	22 <sup>nd</sup> – 26 <sup>th</sup> January 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
6	AI tools workshop	Be10x	Online	National	25 <sup>th</sup> February 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
7	<b>International Seminar On Recent Research Trends in IOT and E-commerce Applications</b>	Government Arts College for Women, Nilakottai	Offline	International	16 <sup>th</sup> February 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
8	One Day State level interdisciplinary Online Workshop On “ <b>Intellectual Property Rights</b> ”	Kala MahaVidyalay Malkapur , Akola	Online	National	March 27 , 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
9	One day <b>National Level</b> Faculty Development Program on “ <b>Educators Engagement in Accreditation</b> ”	Christ College of Science and Management	Offline	National	March 19, 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
10	<b>One day FDP On LMS Mastery – Faculty Training Programme for Seamless Integration</b>	Christ College of Science and Management	Online	College Level	May 9 , 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
11	<b>National Level Five Day Virtual FDP : Skill enhancement Program for Teachers</b>	Sri Vidhya College of Arts and Science , Virudhunagar	Online	National level	September 2 to 6 , 2024	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>
12	<b>NEP -2020 Orientation &amp; Sensitization Programme</b>	UGC, Sri guru Tegh Bahadur Khalsa College , University of Delhi	Online	National level	October 15 to 25 2024	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>
13	<b>National Level Workshop on “Stay Safe Online : Cybersecurity</b>	Christ College of Science and Management	Online	College Level	29.10.2024	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>

	<b>for the digital Age”</b>					
14	<b>National Level Workshop on India’s Constitutional Legacy Empowering and Sustainable Development</b>	Christ College of Science and Management	Online	College Level	06.11.2024	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>

### b) Webinars Attended:

S.No	Topic of the Webinar	Name of Organiser	Level	Date	Kindly attach copy of certificate
1	International eminent lecture series	M.G.R.College Hosur	International	14 sep 2022	<a href="https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4">https://drive.google.com/drive/folders/1gu8VCwQBLEube9pDQCq3neKjLUn5oVM4</a>
2	5 Day Tech Insight Series – Navigation Agriculture , Generative AI,Cryptography and IOT Revolution	Presidency University	National	28.08.2023	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
3	International Webinar On Software Engineering Ethics	Christ College of Science and Management	International	13.01.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
4	National level Webinar On R Programming	Christ College of Science and Management	National	09.02.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
5	One -Day National Webinar – “Artificial Intelligence and Future of Education”	UGC – MMTTC,GAD - MMTTC	National	09.03.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
6	One Day International Webinar On Scratch Programme Overview	Acumen Foundation & Seva Academy	International	25.04.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
7	One day National Webinar On “Transforming Education for Tomorrow : AI Driven Personalization, Engagement and Assessment	Army Institute of Education (AIE) Delhi in Collaboration with Sanatan Dharma College	National	29.04.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
8	One day National Webinar On “Unlocking Innovation :Understanding Intellectual Property Rights “	IKP Knowledge Park Hyderabad	National	07.05.2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>

9	National Level Seminar- Bits to Brilliance- Creative Intelligence: Exploring Generative AI	<b>Christ College of Science and Management</b>	National	15 to 18 May 2024	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
10	<b>One Day Webinar On Effortless Communication &amp; Skills</b>	Acumen Foundation & Seva Academy	National	29.05.2025	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
11	<b>Webinar On The basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneur's</b>	<b>Christ College of Science and Management</b>	National	21.11.2024	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>

**c) Certificate Courses Completed:**

S. No	Name of the Course	Duration of the Course	Mode of the Programme (Online/Offline)	Date of completion	Certified By	Kindly attach copy of certificate
1	AWS Cloud Essentials	2 Days	Offline	11.10.2023	JRM Infotech	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
2	Python Programming	12 Weeks	Online	21.06.2024	Swayam	<a href="https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg">https://drive.google.com/drive/folders/1M9SHUovnMdLvFxxpsyV6APHuwGysMgJg</a>
3	Energy Literacy	12 Weeks	Online	29.08.2024	Swayam	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>
4	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	Online	25.10.2024	Swayam	<a href="https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t">https://drive.google.com/drive/folders/1u06xp5uzc1ff94tXO8q152yVmdluSa6t</a>