Profile

Name	: J. Magelin Mary
Gender	: Female
Department	: Computer Science
Educational Qualification	: M.Sc., M.Phil.,(Ph.d)

S. No.	Degree / Diploma	Subject / Main	Year of Completion	Name of the College / University
1.	U.G.	B.Sc. Computer Science	2006	Holy Cross College/Bharathidsan University
2.	P.G.	M.Sc. Computer Science	2009	Holy Cross College/Bharathidsan University
3.	M.Phil.	Computer Science	2012	Bharathidsan University
4	Others	B.Ed.	2011	Eden Garden College, Perambalur
5	Ph.d (pursuing)	Computer Science	2022	Bharathidsan University ,Trichy

Teaching Experience at Holy Cross College: 15Years

Teaching Experience outside Holy Cross College: 1 Year

Total Teaching Experience: 16 Years

Positions Held (VP / Dean/ HOD / Director/ Overall Coordinator etc.)

S. No.	Name of the Position	Period
1.	Coordinator for Computer Science (Shift II)	2014 –2015
2.	Overall burzar for shift-II	2018-19,2019-2020
3.	Staff Secretary –shift II	2024-till
4	NAAC parameter 2 Core committee	2024-till
5	Dove Core Committee	2024-till

Patents Applied:

1. Title: IOT Based clay cabin system for fruits preservation

   German Patent granted

   Date:6.7.2022

   Application Number: 202022102633

Achievement:

Mentors for "Smart India Hackathon 2022", won I[st] Runner up Rs.75000 in Maharashtra.

Journal / Articles Published: (Attach the list using the format given below)

1. Magelin Mary.J ,(2012). A study on Region Growing approaches for Image Segmentation Technique , Journal , NCETCAM'12, 2017 IJSRCSEIT | ISSN:2456-3307

2. Y. Arockia Suganthi*, K. Chitra, J. Magelin Mary ," Knowledge and Awareness of Dengue Fever" 2018 IJSRCSEIT | Volume 3 | Issue 8 | ISSN : 2456-3307.

3. Y. Arockia Suganthi, K. Chitra, J. Magelin Mary* , " A Comparative Study of Ant and Genetic Algorithms in Digital Mammography" , 2018 IJSRCSEIT | Volume 3 | Issue 8 | ISSN : 2456-3307.

4. Y. Arockia Suganthi, K. Chitra*, J. Magelin Mary,"Datamining in the field of education", 2018 IJSRCSEIT | Volume 3 | Issue 8 | ISSN : 2456-3307.

5. Y. Arockia Suganthi, K. Chitra*, J. Magelin Mary, "Psychological and social media and mental health among youth", ISSN: 0374-8588 | Impact Factor 4.3 | UGC CARE LIST

6. A S Divyaa Lakshmi, 2 P Santhiya, 3 J Magelin Mary, "MAP REDUCE APRIORI ALGORITHM USING HADOOP FRAMEWORK IN BIG DATA", Vol.2, Iss.2 Pages:01-08,2021, http://www.jmrr.org.

7. J.Magelin Mary, "Secure data sharing using ECC in cloud", National level Virtual Conference on Information and Computing Technologies (NVCICT) – 2022" , Bishop Heber College, 25th February, 2021.

8. J.Magelin Mary, "Anti collusion and verification based dynamic cloud " ,National level Virtual Conference on Information and Computing Technologies (NVCICT) – 2022 , Bishop Heber College, 25th February, 2021.

9. J.Magelin Mary, "Secure Data Sharing Using An Elliptic Curve Cryptography Method In Cloud Computing", ,National level Virtual Conference on Information and Computing Technologies (NVCICT) – 2022 , Bishop Heber College, 25th February2021.

10. J.Magelin Mary, "Deep Convolutional neural Network skin Lesions image classification", Vol.3, Iss.1 Pages:01-08, April 2022, http://www.jmrr.org

Paper Published (National/International/conference/workshop)

1. Dr. D.I George Amalarethinam, J.Magelin Mary, "A survey on natural inspired optimization techniques for effective task scheduling in cloud computing environment", Springer Nature 2024.

Conference/Seminar/Workshop/ Training Programme attended - Academic & General:

S. No.	Theme	Place	International / National / State level	Year	Resource Person / Paper Presentation / Participation
1.	DATA MINING AND IT APPLICATION	KONGU ENG. COLLEGE,ERODE	National Conference	2012	Participation
2	ADVANCED RESEARCH METHODOLOGY	JAMAL MOHAMMED COLLEGE, TRICHY	State level Workshop	2012	Participation
3	SENTIMENTAL ANALYSIS OF DATA MINING	BOUNCE SEURCE COLLEGE ,THANJAUR	Two day workshop	2017	Participation
4	ETHICAL HACKING	BHARATHIDHASAN UNIVERSITY ,TRICHY	One day Workshop	2018	Participation
5	DIGITAL &PROFESSIONAL SKILLS FOR INDUSTRY READINESS	PSG POLYTECHNIC COLLEGE, COIMBATORE	One week web series	2020	Participation
6	ARTIFICIAL INTELLIGENCE AND IOT HERURISTICC TRANSDISCIPLINARY PERPECTIVES	HOLY CROSS COLLEGE ,TRICHY	One week FDP	4-6-2020 to 10-6-2020	Participation
7	ONLINE EXAMINATION TOOLS	BISHOHEBER COLLEGE,TRICHY	One day international webinar	2020	Participation
8	HEED ON COVID-19	HOLY CROSS COLLEGE ,TRICHY	Oneday webniar	2020	Participation
9	OPTIMIZING FAMILY DURING LOCKDOWN	HOLY CROSS COLLEGE ,TRICHY	Oneday webniar	2020	Participation
10	UNLEASHING MACHINE LEARNING AND CLOUD COMPUTING	HOLY CROSS COLLEGE ,TRICHY	Oneday webniar	2020	Participation
11	Introduction to artificial Intellence	Stella marys college of engn kaniyakumari	Online seminar	24.6.2020	Participate
12	EMINENCE OF ELECTRIC VEHICLES AND ROBOTICS IN AGRONOMY.	DHANLAKSHMI SRINIVASAN ENGINEERING COLLEGE	ATAL online FDP	2021	Participation
13	INTEGRATED DATA ANALYTICS- THE TOOLS AND APPLICATIONS ACROSS INDUSTRY VERTICALS	HOLY CROSS COLLEGE TIRUCHIRAPPALLI	ATAL online FDP	2021	Participation
14	NEW EPOCH IN SOFTWARE	HOLY CROSS COLLEGE	FDP online	16-9-2021 to 20-9-2021	Participation

	LEARNING	TRICHY			
15	BLENDED INCLUSIVE STRATEGIES IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	HOLY CROSS COLLEGE TIRUCHIRAPPALLI	ATAL online FDP	2021	Participation
16	AI AND ML FOR INTELLIGENT APPLICATION USING PYTHON AND MATLAB	Holy Cross College	ATAL FDP	21.2.2022 to 25.2.2022	Participation
17	Augmented and virtual reality-A hands on train	Holy Cross College	FDP -offline	10-2-2022	Participation
18	DIGITAL PEDAGOGIES FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS IN EDUCATION"	Lady Doak College MADURAI	Virtual FDP	06.10.2022to11.10.2022.	Participation
19	BIGDATA ANALYTICS USING DISTRIBUTED COMPUTING	Jamal Mohamed College ,Trichy	INTERNATIONAL WORK SHOP	23 -12-2022	Participation
20	MATHEMATICAL METHODS AND COMPUTATION	Jamal Mohamed college ,Trichy	International conference	21 &22 December 2022	Participation and Presented
21	RESEARCH AREA IN DATA ANALYTICS AND SECURITY	Holy Cross Collge Trichy	International seminar	19-12-2022	Participation
22	RESEARCH METHODS AND PROPOSAL PREPARATION	Velamal Engineering College,Chennai	Oneday webinar	30-12-2022	Participation
23	INNOVATION TECHNOLOGY IN CYBER SECURITY	Holy Cross Collge Trichy	International seminar	5 Jan 2023	Participation
24	Capacity Building Workshop On Effective Research Methodology And Publication Strategies	Madras Christian College,Chennai SPONSER: AIACHE, New Delhi	WORKSHOP	27 th Feb- 3Rd march 2023	Participation
25	Futuristic Trends in Computational Sciences" – ICFTCS '23	Holy Cross College(Autonomous), Tiruchirappalli-2	International Conference	28-02-2023	Participation and Presented
26	ADVANCED COMPUTING	Jamal Mohamed college ,Trichy	National conference	2 nd March 2023	Participation
27	Recent Trends in Information Technology	Sri Muthukumaran Arts & Science College ,Chennai	Online FDP	6 th to 10 th March 2023	Participation
28	TRUSTWORTHY AI	St.Joseph's college trichy	FDP	12.3.2023	Participation

29	KPI DASHBOARD FOR EDUCATION INSTITUTION	Patna and mount carmel college ,Bengaluru	International conference	24 -25 March 2023	Participation
30	PROFESSIONAL DEVELOPMENT	Bishop Heber College trichy	FDP	25.9.2023 to 29.9.2023	Participation
31	TIPS AND TRICKS TO CRACK UGC NET/SET/JRF	AGURCHAND MANMULL JAIN COLLEGE,CHENNAI	ONLINE NATIONAL LEVEL FDP	24.11.2023 TO 30.11.2023	Participation
32	CURRENT TRENDS IN INFORMATION TECHNOLOGY	SEETHALAKSHMI RAMASWAMI COLLEGE TRICHY	International conference	28.12.2023 to 29.12.2023	Participation and presented
33	EMPOWERING EDUCATION WITH AI BASED LEARNING CONCEPTS FOR GLOBAL COMPETENCE	Holy Cross Collge Trichy	ONLINE International fdp	29 Jan to 31 jan 2024	
34	TRANSFORMATIVE TEACHING STRATEGIES AND INNOVATIVE RESEARCH	Holy Cross Collge Trichy	International fdp	31 jan 2024	Participation
35	Online FDP : Leveraging AI Technology for enhanced Teaching learning and assessment	Jamal Mohamed College,Trichy	Online FDP	29.7.2024 to 2.8.2024	Participation
36	Mastering in writing and publishing article in Scopus and web of science journal	Holy Cross Collge, Trichy	One day seminar	31.8.2024	Participation
37	Trends in AI	Shrimathi Indira Gandhi College Trichy	International Conference	20.9.2024	Participation and presented
38	Next Gen information science, communication and Technology	SRM Institute of Science and Technology, Ramapuram, Chennai	National Conference	4-10-2024	Participation and presented
39	AWS Course Completed in ICT Academy	Holy Cross College, Trichy	Five days FDP	23-8-2024	Participation and Completed

Organizing Capability:

S.No	Name of the Event	Role	Date
1	Emerging Trends in Communication and Information	Organizing Member	2010
2	Web Engineering	Organizing Member	2010
3	International Seminar on Cloud Journey to Industry	Organizing Member	14th July 2017
4	Cyberfest'13	Organizing Secretary	2013

5	National Seminar on Innovative Computing Technologies	Organizing Member	8 th Jan 2018
6	National Seminar on Data Science	Organizing Member	Feb 2018
7	Web fest 2019	Organizing Secretary	Jan 2019
8	Online Elementary FDP on "Integrated Data Analytics – the Tools and Applications around Industry Verticals" AICTE & ATAL Sponsored	Organizing Member	July 5-9 2021
9	Blended Inclusive Strategies In Artificial Intelligence And Machine Learning FDP	Organizing Member	2021
10	Innovation Technologies and cyber security	Organizing Member	5 JAN 2023
11	Online FDP :Empowering Education With Ai Based Learning Concepts For Global Competence	Organizing Secretary	29 to 31 jan 2024

E-Content Developed:

Academic Year	Details
2022	E Content development for File Management in C
2021	E Content development for K-Medoids cluster algorithm
2022	E Content development for Introduction to pointers in C

Academic Responsibilities within College :

Academic Year	Description
2024-2025	Displine,Rescape,IV,HRD
2023-2024	E-Content Incharge,Displine,Rescape
2022-2023	Time table Incharge, Staff Clube,HRD
2021-2022	PTA incharge,
2020-2021	E-Content Incharge

2019-2020	PTA Inchage, E-Content Incharge, Fine arts incharge Alumna Incharge
2018-2019	Ovar all Staff Club incharge, Association, HRD, National Seminar Committee Member, Cyber Fest Incharge
2017-2018	Cyber Fest Incharge
2017-2016	Cyber Fest Incharge
2016-2017	Fine arts incharge, Cyber Fest Incharge, Rescape incharge, Alumina incharge
2015-2016	Magazine Cyber Fest In Charge
2014-2015	Time Table, Cooridinator, Cyber Fest In Charge
2013-2014	Magazine Incharge

Residential Address: NO, 106 ganesha garden,

Kallanai main road, thrivarambur,

Trichy-13

Pincode:620 013

Mobile: 9095703163

Email – ID: magegracy@gmail.com