Profile

Name   : Ms. J. Arockia Mary

Gender   : Female

Department   : Computer Application

Educational Qualification   : MCA., M.Phil.with SET

S. No.	Degree / Diploma	Subject / Main	Year of Completion	Name of the College / University
1.	U.G.	B.Sc.(Physics)	1999	Shrimati Indra Gandhi College,Trichy-2.
2.	P.G.	MCA	2002	Shrimati Indra Gandhi College,Trichy-2.
3.	M.Phil.	Computer Science	2008	Bharathidasan University
4.	SET	Computer Science	2017	Mother Theresa University
5.	Ph.D	Computer Science	Pursuing	St.Joseph's College, Trichy

Aided ☐   **Management** Shift I   Shift II ☐

Teaching Experience at Holy Cross College: 9 Years

Teaching Experience outside Holy Cross College: 4 Years

Total Teaching Experience: 13 Years

Patents Applied (Provisional Specifications Filed) :

1. Title: Women Safety Watch Date: 10th April 2019
Application No.: 202041053069

Position Hold: Innovation Ambassador

Papers Published

1. J.Arockia Mary, P.Xavier Jeba, P.Mercy, " A Study on Task Scheduling in Mobile Cloud Computing", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Volume 3,Issue 8, November-December 2018.

2. J. Arockia Mary, Dr. A. Aloysius, " Mobility Aware Offloading and Scheduling of Tasks using Cloudlet in Mobile Cloud Computing: A Survey", International Journal of Advanced Science and Technology, 2020.(Scopus Indexed up to 2020)

3. J. Arockia Mary, P. Mercy and P. Xavier Jeba, "A Survey on Software Frameworks in Parallel Execution of Serial Code to Achieve High Performance", Vol.6, No. 1 and 2, 2020, International Journal of Educational Society.

4. J.Arockia Mary, A.Aloysius, Mobility and Execution time aware task offloading in Mobile Cloud Computing, International Journal of Interactive Mobile Technologies, Vol.16, no.15, pp.30-45, 2022. https://doi.org/10.3991/ijim.v16i15.31589 (Scopus indexed)

5. J. Arockia Mary and A. Aloysius, "Task Scheduling with Altered Grey Wolf Optimization (AGWO) in Mobile Cloud Computing using Cloudlet," Journal of Communications Software and Systems, Vol. 19, No. 1, pp. 81-90, March 2023, doi: 10.24138/jcomss-2022-0151 (Scopus, Web of Science Indexed)

6. J. Arockia Mary and A. Aloysius," A Survey on Load Balancing in Mobile Cloud Computing using Cloudlet", International Journal of Computer Science and Mobile Computing, Vol. 12, No.4, pp.47-51, April 2023, doi: https://doi.org/10.47760/ijcsmc.2023.v12i04.005

List of Conference Presentations

1. A Two Day International Conference on Smart and Innovative Technologies – The Future of Digital India (ICSIT'20), Holy Cross College (Autonomous), Trichy. March 16th &   17th, 2020.

2. A one day International Conference on Futuristic Trends in Computational Sciences (ICFTCS'23), Holy Cross College (Autonomous), Trichy. February 28th, 2023.

Other Training Programmes attended

1. Participated in the National Webinar on "Process and Paradigms in Research" held in St. Joseph s College, Trichy on 29th & 30th October 2021.

2. Participated in the National Webinar on "Research Grants & Funds" held in St. Joseph's College, Trichy on 23rd November 2020.

3. Participated in the National Webinar on "Matlab For Beginners" held in the Department of Electronics at St Joseph's College, Trichy on 29th June 2020.

4. Participated in the Webinar on "Unleashing Machine Learning and Cloud Computing" held in the PG Department of Computer Science, Holy Cross College, Trichy on 9th May 2020.

5. Participated in Five Days FDP on   "Research Methodologies, Tools and Techniques", organized by the Department of Electrical and Electronics Engineering, QIS College of Engineering and Technology, Ongole from 08.06.2020 to 12.06.2020.

6. Participated in the Seminar on "Innovation and Excellence in Research", organized by Research Advisory Committee, St. Joseph's College, Trichy on 26th February 2021.

7. Participated in the National Workshop-FDP on "Upscaling Pedagogy With Moodle" organized by Don Bosco College., Yelagiri Hills, Tamil Nadu in collaboration with Bosco Soft Technologies Pvt. Ltd. held from 13th to 15th July 2020,

8. Participated in FDP Webinar Series on "Remote Classrooms-Digital Technology at Teaching Learning" at Holy Cross College on 30th May 2020.

9. Participated in online FDP on "Migration of IT infra using cloud" Organized by the Department of Applied

Science under IQAC, PIET, Jaipur on 20-21 May 2020.

10. Participated in one-day Webinar on "Predatory Journals - A growing threat for Academicians" organized by the Department of Computer Science, Bishop Heber College on 4th June 2020.

11. Participated in online FDP on "Fuzzy sets and systems" organized by the Department of Mathematics, Patrician College of Arts and Science, Chennai on 16th May 2020.

12. Participated in a one-day International Webinar on "Online Research Tools" Organized by the Department of Computer Science, Bishop Heber College on 10th July 2020.

13. Participated in 12 hours FDP on "Android Development with Kotlin (Online Live FDP)" conducted by ICT Academy on 26th Jul 2021 to 30th Jul 2021.

14. Participated in the Seminar on "Effective Online Search Techniques for Innovation in Research" organized by Research Advisory Committee, St, Joseph's College, Trichy on 29th October 2022.

15. Participated in the Seminar on "Quality Parameters in Research", organized by Research Advisory Committee, St, Joseph's College, Trichy on 01st March 2022.

Residential Address: 3/1A, 4th New Ayyanar Street,

Mela Kalkandar Kottai,

Trichy.

Pincode: 620 011

Mobile: 9688807585

Email – ID: jrockia79@gmail.com,
 arockiamarytcs@hcctrichy.ac.in