Name	:	Ms Kohila.M
Designation	:	Assistant Professor
Department	:	PG & Research Department of Computer Science
Qualification	:	M.Sc.,M.Phil.,UGC NET.,(Ph.D).,
Experience	:	Teaching : 20 Research: NIL
Area of Specialization(s)	:	Security in Cloud Computing
Email (Official ID)	:	kohila@sigc.edu
Aadhaar Number	:	5159 0720 6653

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D	Computer Science	Bharathidasan University	Pursuing
UGC-NET	Computer Science	University Grants Commission-Delhi	DEC'2018
M.Phil.(CS)	Computer Science	Madurai kamaraj University -Madurai	APR'2004
M.Sc.(CS)	Computer Science	Nehru Memorial College ,Puthanampatti.-Trichy	APR'2003
B.Sc.(CS)	Computer Science	Kurinji College of Arts & Science-Manapparai	APR'2001

Research Publications (Indexed)

International

1. Published a paper on"A Survey on Mutual Authentication and Key Agreement Scheme Combined with Migration Model For Peer to Peer Cloud" in International Journal of Advanced Research in Science and Technology (IJARST), ISSN 2320-1126, Volume 13, Issue 3 on March 2024.

2. Published a paper on "Effect of high temperature stress on phenylpropanoid biosynthesis and antioxidant activities of Acer palmatum"Scopus Journal of Aridland Agriculture, Pg. 157-163, Issue 10, ISSN : 2455-9377, 27.11.2024.

Presentations in Conference/Patent

International

1. Participated and Paper Presented in the International conference on "Recent Trends in Cyber Security" at Shrimati Indira Gandhi College,Trichy-2 on 15.12.2021.

2. Participated and Paper Presented in the International conference on "Cloud Computing - Emerging Trends and Technologies" at Shrimati Indira Gandhi College,Trichy-2 from 10.03.2023 to 11.03.2023

3. Published and Presented a paper on "A Peer–to–Peer Cloud Authentication and key Agreement Model for Secure Economic Data Migration among Multiple Service Providers" at the International Conference on from 28.12.23 to 29.12.23 in SRC College ,Trichy-2.

4. Published and Presented a paper on "A Comprehensive Survey on Deepfake Detection Techniques" in International Conference on Trends in Artificial Intelligence (ICTAI)", 20-09-2024 at Shrimati Indira Gandhi College , Trichy.

5. Presented Paper on the topic "Forensic Identification of Synthetic Faces Using Convolutional Neural Networks " In National Conference on Future Trends in AI and Digital Entrepreneurship held on 15.11.24 at M.A.M. B- School,Trichy.

6. Presented a paper at the One Day International Conference on Next generation Technologies for Sustainable Computing held on 24.01.2025 on the topic "A Secure Cloud Migration Strategy: Addressing Cloud Security Challenges in Organizational Migration to Cloud Environments" Organized by Department of Computer Applications, Shrimati Indira Gandhi College, Tiruchirappalli-2.

7. Presented a paper at the One Day International Conference on Next Generation Technologies for Sustainable Computing held on 24.01.2025 on the topic "Enhancing Forensic Investigation with CNN Based Forged Image Detection Technology " Organized by the Department of Computer Applications, Shrimati Indira Gandhi College, Tiruchirappalli-2.

8. Receive a certificate for design pattern in "PORTABLE FOOD MICROBIOLOGY ANALYZER "Design Pattern 15.09.2024.

Participation in Seminars

1. Attended a Webinar on "THE FUTURE IS HERE NOW" Organized by ICT Academy -Season 3 Skycampus on 27th April to 1st May 2020.

2. Attended a Webinar on "THE POWER OF A TEACHER" Organized by ICT Academy– Skycampus online Supersession on 4 th May 2020.

3. Attended a Webinar on "THE FUTURE OF EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP" Organized by ICT Academy -Season 4 Sky Campus on 4th May to 8th May 2020.

4. Attended a Webinar on "FUTURE TECH 2020" Organized by ICT Academy -Season 6 Sky Campus on 18th May to 22nd May 2020.

5. Attended a Webinar on "WOMEN'S SAFETY AND SECURITY" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 2thJune 2020(FN).

6. Attended a Webinar on "BREAST CANCER AWARENESS" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 2thJune 2020(AN).

7. Attended a Webinar on "CAREFREE VAGABOND" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 3thJune 2020(FN).

8. Attended a Webinar on "IMPACT OF RADIO" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 3thJune 2020(AN).

9. Attended a Webinar on "FREAK-A-THON" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 4thJune 2020(FN).

10. Attended a Webinar on "TIPS AND TRICKS FOR COOKING" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 4thJune 2020(AN).

11. Attended a Webinar on "YOGA FOR HEALTH" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 5thJune 2020(FN).

12. Attended a Webinar on "FOOD AND NUTRITION" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 5thJune 2020(AN).

13. Attended a Webinar on "EMOTIONAL INTELLIGENCE" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 6thJune 2020(FN).

14. Attended a Webinar on "CONFIDENCE OVER BEAUTY" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 6thJune 2020(AN).

15. Attended a Webinar on "DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH" Organized by BISHOP HEBER COLLEGE(SHIFT 1),TRICHY on 6thJune 2020.

16. Attended a Webinar on "MOBILE APP DEVELOPMENT" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 9thJune 2020.

17. Attended a Quiz on "E-QUIZ-RECENT TRENDS IN COMPUTER SCIENCE" Organized by GOVERNMENT ARTS COLLEGE,TRICHY on 8th June to 9thJune 2020.

18. Attended a Webinar on "DATA SCIENCE USING R STUDIO" Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE on 10thJune 2020.

19. Attended a Webinar on "ONLINE CONTENT CREATION TOOLS" Organized by BISHOP HEBER COLLEGE(SHIFT II),TRICHY on 11thJune 2020.

20. Attended a Webinar on "DATA ANALYTICS & APPLICATIONS" Organized by BISHOP HEBER COLLEGE(SHIFT II),TRICHY on 12thJune 2020.

21. Attended a Faculty Development Programme on "FUTURE OF EDUCATION" Organized by ICT Academy – Skycampus online Supersession on 18th June 2020.

22. Attended a Webinar on "INSIGHTS ON RESEARCH CHALLENGES IN INTERNET OF EVERYTHING" Organized by ST.ANNE'S ARTS AND SCIENCE COLLEGE,CHENNAI on 23thJune 2020.

23. Attended a Webinar on "RECENT TRENDS IN DATABASES & BLOCKCHAIN TECHNOLOGY IN ENTERPRISES" Organized by SRINIVASAN COLLEGE OF ARTS AND SCIENCE on 17thJune 2020.

24. Attended a Webinar on "ONLINE EXAMINATION TOOLS" Organized by BISHOP HEBER COLLEGE(SHIFT II),TRICHY on 20thJune 2020.

25. Attended a Webinar on "LEARNING IN THE DIGITAL AGE" Organized by GOVINDA DASA COLLEGE, SURATHKAL,KARNATAKA on 20thJune 2020.

26. Attended a Webinar on "EXPLORING PYTHON LIBRARIES FOR EXPLORATORY DATA ANALYSIS AND DATA PREPROCESSING" Organized by THASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN on 27thJune 2020.

27. Attended a Webinar on "DEFINE AND DESIGN YOUR DESTINY " Organized by SHRIMATI INDIRA GANDHI COLLEGE, TRICHY-2 on 20th January 2021.

28. Attended National Level on "Cyber Security Essentials ",ICT Academy from 23.08.2021 to 27.08.2021.

29. Attended Webinar on "Reinforcement Learning", Sir Theagaraya College,Chennai-21. on 04.09.2021.

30. Attended Webinar on Data Analytics:Covid 19, Sir Theagaraya College,Chennai-21 on 09-10-2021.

31. ttended Certificate Course on Step into RPA, Ui path Academic Alliance on 24.12.2021.

32. Participated in a One day Online Webinar on "Digital and AI Tool in Education" ,1.5.24 at DMU.

33. Participated in the International Seminar on "Data Science and Management of Data" on 12.6.24 at Dr. M.G.R. Educational and Research Institute.

34. Participated in National Webinar on "Under Water IOT" on 20.08.24 at Institution of Engineers (India).

35. Participated in Innovative Pedagogical Techniques in Management Education from 21.10.24 to 25.10.24 at Kamal Institute of Higher Education and Advance Technology New Delhi.

36. Participated in an Online Webinar on Digital and AI Tools in education on 5.1.2024 at DMG.

37. Participated in the International Seminar on "Data Science and Management of Data" on 12.6.24 at Dr. M.G.R. Educational and Research Institute.

38. Participated in National Webinar on "Under Water IOT" on 20.08.24 at Institution of Engineers(India).

39. Participated in Innovative Pedagogical Techniques in Management Education from 21.10.24 to 25.10.24 at Kamal Institute of Higher Education and Advance Technology New Delhi.

Participation in Workshop

1. Participated in One-week international workshop on Excellence in Research Methodology held from 23.9.24 to 28.9.24 at SRM Institute of Science and Technology, Ramapuram, Chennai.

2. Participated in the National Level Online Workshop on "ChatGPT" at St. Joseph's College,Trichy-2 on 21.06.2023.

Participation in Orientation Programme / Short Term Courses

1. 10 days NEP Orientation and Sensitisation Program UGC- Malaviya Mission Teacher Training Centre- Bharathidasan University from 19/2//2024 - 28/2/2024.

Participation in Faculty Development Programme

1. Attended a Faculty Development Programme on "COVID-19 DATASET ANALYSIS USING PANDAS IN PYTHON" Organized by RAJALAKSHMI ENGINEERING COLLEGE,CHENNAI.on 5th June to 6st June 2020.

2. Attended a Webinar on "DEVELOPING JSF WEB APPLICATIONS WITH HIBERNATE-A HANDS ON APPROACH" Organized by BISHOP HEBER COLLEGE(SHIFT 1),TRICHY on 6thJune 2020.

3. Attended a Faculty Development Programme on "FUTURE OF EDUCATION" Organized by ICT Academy – Skycampus online Supersession on 18th June 2020.

4. Attended a Faculty Development Programme on "INSIGHTFUL FRIDAYS OF SKYCAMPUS DIGITAL KNOWLEDGE WEBINAR SERIES" Organized by ICT Academy –Sky Campus online Supersession on 26thJune 2020.

5. Attended a Faculty Development Programme on "COMPUTER NETWORKS" Organized by ARASU ENGINEERING COLLEGE on 6th July to 11th July 2020.

6. Attended a Faculty Development Programme on "RECENT TREND IN DIGITAL TECHNOLOGIES" Organized by THE AMERICAN COLLEGE MADURAI on 7th July to 11thJuly 2020.

7. Attended National Level FDP on "Cyber Security Essentials ",ICT Academy From 23.08.2021 to 27.08.2021.

8. Attended National Level FDP on Data Science & Big Data Analytics, PPG College of Arts & Coimbatore from 25.08.2021to31.08.2021.

9. Attended Three days faculty development programme on Exploring Python Packages For Data Analysis" at Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanathapuram Dt, on 26.08.2021-28.08.2021.

10. Attended Six Day National Level Virtual FDP on " Aligning with the New Educational Era" By Primax Foundation ,St.ClaretCollege,St.Francis College of Bengaluru with SIGC from 21.02.2022 to 26.02.2022.

11. Attended FDP on Exploratory Data Analytics - Data Science Perspective, Tableau, from 14.06.2022 to 24.06.2022.

12. Attended a online Faculty Development Programme on "Salesforce Essential for Business Specialists" organized by ICT Academy from 20.06.22 to 24.06.22.

13. Attended a Faculty Development Programme on "Systematic Literature Review Morphological Analysis" organized by Shrimati Indira Gandhi College from 6.12.22.

14. Attended Naan Mudhalvan FDP on "Cyber Security Associate"at BUTP,Trichy 6.02.2023 & 8.02.2023.

15. Attended a online Faculty Development Programme on "Microsoft Azure AI Fundamentals" organized by ICT Academy from 14.03.22-16.03.22.

16. Participated in Five Days Virtual Faculty Development Programme on " Research – The Journey from Inception to Publishing from 5.2.24 to 9.4.24 at Dhanraj Baid Jain College, Chennai.

17. Participated in Seven days FDP on "Understanding Outcome Based Education" Organized by Internal Quality Assurance Cell of Shrimati Indira Gandhi College, Tiruchirappalli 'on 10.6.2024 to 15.6.2024 and 18.6.2024.

18. Participated in 15 Hours Faculty development on "Android Basics with Compose (online FDP)" on 08.7.2024 to 12.7.2024 at ICT Academy.

19. Participated in Five days FDP on "Redefining Research Skill: Enriching Research and Publications" Organized by Research and Development, Shrimati Indira Gandhi College Tiruchirappalli.

20. Attended Naan Mudhalvan FDP on "Foundation of Coding and Cloud" at BUTP, Trichy from 24.07.2023 to 26.07.2023.

21. Participated in Five days Virtual Faculty Development Programme on "Influence of AI in Teaching and Research" from 4.9.23 to 2.9.23 at Hindustan College of Arts and Science, Coimbatore.

22. Participated in Seven-days Virtual Faculty Development Programme on "Power of Positivity approach in Teaching and learning System of Cultural Transformation" from 19.9.23 to 26.9.23 at Hindustan College of Arts and Science, Coimbatore.

23. Has successfully passed all requirements for Create on Intelligent Document Processing Solution with Azure AI, Document Intelligence held by Microsoft Azure on 06.10.2024.

24. Participated in 15 Hours Faculty development on "Android Basics with Compose (online FDP)" on 08.7.2024 to 12.7.2024 at ICT Academy.

25. Participated in a workshop titled "Vikaspedia - A platform for Augmentation of Multilingual Digital Resources for Development" on 20.02.2025 at Shrimati Indira Gandhi College, Tiruchirappalli, Tamil Nadu.

26. Participated in 5 Days Online Faculty Development Programme on "Exploring Frontiers in ML & DL" on 17.02.2025 to 22.02.2025 organized by Theivanai Ammal College for Women (Autonomous), Viluppuram.

27. Participated in 5 Days NAtional Level Faculty Development Programme on "Advanced Level Data Analysis Using SPSS" on 20.03.2025 to 24.03.2025 organized by Ideal Institute of Academic Research Advancement(IIRA).