Name	**:** Ms P. Ananthi
Designation	**:** Assistant professor
Department	**:** PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE
Qualification	**:** M.SC., M.Phil.,
Experience	**:** Teaching:29 Research: 15
Area of Specialization(s)	**:** Data Mining
Email (Official ID)	**:** ananthi@sigc.edu
Aadhar Number	**:** 6780 9031 1855

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Phil	COMPUTER SCIENCE	MOTHER TERESA WOMEN'S UNIVERSITY	2003
M.Sc	COMPUTER SCIENCE	BHARATHIDASAN UNIVERSITY	1995
B.Sc	COMPUTER SCIENCE	BHARATHIDASAN UNIVERSITY	1993

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certificate Course	Azure AI Engineer Associate	MICROSOFT	04.02.2023
Certificate Course	AWS Academy Cloud Foundations	MICROSOFT	31.1.2023

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
MPhil COMPUTER SCIENCE	**29**	**Nil**

Research Publications (Indexed)

International

- ➢ 1. P.Sivaranjani, P.Ananthi,"An energy-efficient Delay-Aware and Life Time-Balancing Data Collection Protocol For wireless Sensor Networks", International Journal of Science Technology and Engineering(IJSTE), Vol 2,Issue:12,June 2016,pp.602-606.

- ➢ 2. P.Sharmila, P.Ananthi, "A Secure Model for Detecting Origin Forgery and Packet Drop Attacks in Wireless Network", International Journal of Science Technology and Engineering(IJSTE), Vol 3,Issue:1,July 2016,pp.1-4.

- ➢ 3. R.Mathumathi, P.Ananthi, "SVM-Based Web Content Mining With Leaf Classification Unit From DOM -Tree", International Research Journal of Engineering and Technology(IRJET), Vol 5,Issue:8, August 2018,pp.777-780.

- ➢ 4. G.Dhanalekshmi, P.Ananthi, "Countermeasures to Enhance the Deception Capability of Honey pot Through Network Service Fingerprinting Techniques", International Journal of Research & Analytical Review(IJRAR), Vol 7,Issue;3 August 2020,,pp.639-645 .

Presentations in Conference/Patent

- ➢ Participated and paper presented in the International conference on "Cloud Computing – Emerging Trends and Technologies" on 10.3.23 to 11.3.23 at Shrimati Indira Gandhi College.

- Presented Paper on the topic Deep Learning Meets: GANS :A Comparative Review of Techniques For Synthetic Data Generation. In One day International
- Conference on Trends in Artificial Intelligence held on 20.9.24 at Shrimati Indira Gandhi College, Trichy-2.
- Presented Paper on Next generation Technologies for Sustainable Computing held on 24.01.2025 on the topic "Enhancingrence Forensic Investigation with CNN Based Forged Image Detection Technology " Organized by the Department of Computer Applications, Shrimati Indira Gandhi College, Tiruchirappalli-2.
- Patent on Quantum algorithms developed to strengthen cybersecurity measures for protecting data on 07/02/2025

Participation in Conference

National:

- Participated in the National level conference on Bioinformatics tools for Gene& Protein Analysis" in Computer Science, IT & MCA Dept. at Shrimati Indira Gandhi College, in association with bioinformatics centre, central Agricultural Research Institute(CARI) ,Port Blair, Andaman & Nicobar Islands held at SIGC in Trichy on 7 th &8th Sep 2007.
- Participated in the National level Seminar on "High Performance Computing" Organized by PG
- Dept of Computer Science , (MCA-AICTE Approved) and Department of Information
- Technology of SIGC held on 23.2.2012.
- Participated in a National Level webinar on IoT Communication protocols, Nehru Institute of Engineering & Technology,Coimbatore on 15.9.2021.
- Participated in IP Awareness/Training program under 'National Intellectual Property Awareness Mission' on April 26.4.2023 at Shrimati Indira Gandhi College.

Participation in Seminars

- Participated in the State level Conference on "Current trends in Research field of Computer Science held at Shrimati Indira Gandhi College, Trichy on 13th &14th Oct 2006.
- Participated in the National level Seminar on Emerging trends of Mathematical techniques and their applications in computer science " at Shrimati Indira Gandhi College, Trichy, on 23rd &24th Feb 2007.
- Participated in the State level Seminar on "Computer Oriented Mathematical Techniques 2007" at Shrimati Indira Gandhi College, Trichy on 10th &11th Aug 2007.

Participation in Workshop

➢ Participated Regional Level Workshop on "INFORMATION COMMUNICATION TECHNOLOGY – TRENDS & TECHNIQUES" held at Shrimati Indira Gandhi College, Trichy on 21-Nov-2009.

➢ Participated in a one day workshop on "National e-Governance Plan at Bharathidasan University Technology Park on 9.1.2012.

➢ Participated in workshop on Boot Camp on Python Programming at CADD CENTRE on 28.8.2023.

Participation in Faculty Development Programme

➢ Participated in two days of Faculty Development Programme on "Introduction to ADO.Net Programming" Organized by ICT Academy of Tamilnadu held at Periyar Maniammai University, Thanjavur from 1.8.2013 to 2.8.2013.

➢ Participated in a Faculty Development Programme on "LEADING IN A VUCA WORLD"Organized by ICT Academy-Season 2 Sky campus on 20th April to 24th April 2020.

➢ Participated in a Faculty Development Programme on "THE FUTURE IS HERE NOW " Organized by ICT Academy-Season 3 Sky campus on 27th April to 1 st May2020.

➢ Participated in a Faculty Development Programme on "THE FUTURE OF EDUCATION,EMPLOYMENT,ENTREPRENEURSHIP" Organized by ICT Academy-Season 4 Sky campus on 4th May to 8 th May 2020.

➢ Participated in a Faculty Development Programme on "THE FUTURE OF SKILLS,EMPLOYMENT,ENTREPRENEURSHIP " Organized by ICT Academy- Season 5 Sky campus on 11th April to 15th May2020.

➢ Participated in a Faculty Development Programme on "THE FUTURE TECH 2020 " Organized by ICT Academy-Season 6 Sky campus on 18th April to 22nd May2020.

➢ Participated in a Faculty Development Programme on "IMPROVING THE SKILL SET CHANGING ATTITUDE " Organized by ICT Academy- Sky campus online Super session on5 th June 2020.

➢ Participated in a Faculty Development Programme on "FUTURE OF EDUCATION " Organized by ICT Academy- Sky campus online Super session on 18th June 2020.

➢ .Participated a Faculty Development Programme on "INSIGHTFUL FRIDAYS OFSKY CAMPUS DIGITAL KNOWLEDGE SERIES " Organized by ICT Academy- Skycampus online Supersession on 26th June 2020.

➢ Participated in the National Level FDP on Data Science & Big Data Analytics, PPG College of Arts & Coimbatore from 25.08.2021to31.08.2021.

- Participated in the Five-Day International Lecture Series on 'Cyber Security at Srimad Andavan Arts & Science college from 13.9.2021 to 17.9.2021.
- Participated in FDP on Exploratory Data Analytics - Data Science Perspective, Tableau, from 14.06.2022 to 24.06.2022.
- Participated in Six Day National Level Virtual FDP on " Aligning with the New Educational Era" By Primax Foundation ,St.Claret College,St.Francis College of Bengaluru with SIGC From 21.02.2022 to 26.02.2022.
- Participated Faculty Enrichment Programme on Introduction to Cloud Computing by Shrimati Indira Gandhi College,Trichy-2 on 26.02.2022
- Participated in the National Level Seminar on Big Data & Challenges, School of Computer Science, Bharathidasan University on 26.11.2022.
- Participated in Five day Virtual Faculty Development Programme on Influence of AI in Teaching & Research from 4.9.23 to 9.9.23 at Hindustan College of Arts & Science, Coimbatore,
- Participated in Seven day Virtual Faculty Development Programme on Power of Positivity Approach in Teaching &Learning System of Cultural Transformation from 19.9.23 to 26.9.23 at Hindustan College of Arts&Science, Coimbatore.
- Participated in IQAC-Five days Virtual Faculty Development Programme on Research-The journey from Inception to Publishing from 5.2.2024 to 9.4.2024 at Dhanraj Baid Jain College,Chennai.
- Participated in Virtual Faculty Development program on "Intellectual Property Rights and Patterns " on 20.5.24 to 24..5.24 at Dr. M.G.R.Educational and Research Institute.
- Participated in Five day International Seminar on "Data Science and Management of Data" on 12.6.24 at Dr. M.G.R. Educational and Research Institute.
- 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.
- Participated in One week Online faculty Development Program on 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.
- 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), Villupuram.