

Dr. T.P. Anithaashri



Old No.119/New No.52,
South Mada Street,
Villivakkam, Chennai-600049
Tamilnadu, INDIA
Mobile : 8680974570
Email :
[anithaashritp.sse@saveetha.com/](mailto:anithaashritp.sse@saveetha.com)
shri3krra@gmail.com

PROFESSIONAL EXPERIENCE :

1. Working as a Professor in Saveetha School of Engineering, Chennai
2. Worked as a Professor in Chennai Institute of Technology, Affiliated to Anna University, Chennai
3. More than 20 years of teaching experience in various reputed academic institution.
4. More than 5.3 years of industrial experience in CMC Ltd, (A Govt. of India Enterprise)

EDUCATION :

1. Doctorate from Ph.D.,(CSE) with HIGHLY RECOMMENDED from College of Engineering, Anna University, Guindy, Chennai.
2. Post Graduate with grade of DISTINCTION from Sri Muthukumaran Institute of Engineering and Technology, Affiliated to Anna University, Chennai
3. Post Graduate with DISTINCTION from University of Madras, Chepauk Campus, Chennai.
4. Under Graduate with FIRST CLASS from Ethiraj College for Women, Chennai

PROFESSIONAL EXPERIENCE:

- Overall teaching experience in various reputed engineering colleges – 20Yrs
- Industry (CMC Ltd, A Government of India Enterprise) - 5.5Years

NATIONAL AND INTERNATIONAL CONFERENCES – PAPERS PRESENTED:

1. *Steganalysis using image quality metrics* paper presented and won the prize in National Conference conducted by Saveetha Engineering College, Chennai - 2007
2. *Advance Algorithm to extract data from image database* paper presented in Jaya Engineering College, Chennai, 2007

3. *Data Extraction through NLP from image database* paper presented in International Conference at Meenakshi Sundararajan Engineering College, Chennai and has been selected for International Journal publication, 2009
4. Presented a paper on *Enhancement of the Network Security through Stochastic Nets* in the National Conference held at Jayam Engineering college, on -23rd May, 2010.
5. Presented a paper on *Secured Searching in Databases using NLP and Steganography* in the *National Conference* held at Sastha Engineering college, Chennai on 12th March, 2011
6. Presented a paper on *Cortical Surface Tracking & Analysis for Epilepsy Surgery using Game Theory* in the *National Conference* held at Saveetha Engineering college, Thandalam, Chennai on 19th March, 2011
7. Presented a paper on *Enhancement of the Network Security through Game Nets* in the *two days National Conference* at Bhajarang Engineering College, Chennai on 24th & 25th March, 2011
8. Published a paper on *Enhancing the network security using game theory* in the International Conference on Advances in Computer Science and Information Technology, CCSIT 2012 held at Bangalore.
9. Published a paper titled *Reign Monitor Service for web enabled distributed system* in the International Conference on Computation of Power, Energy, Information and Communication held at Chennai on 17-18th, Apr, 2013.
10. Published a paper titled *Impedance mismatch elimination for efficient search in databases using NLP* in the International Conference on Computational Linguistics and Integrated Classical Knowledge Re-discovered – CLICK2014 held at Kanchipuram on 12-13th Feb, 2014.
11. Published a paper titled *Fortification against fracas in network communication* in the International Conference in Emerging trends in Electrical and Communication Technologies held at Saveetha Engineering College on 30-31st March, 2017.
 - Presented and published more than 10 nos. of research articles in international conferences with Scopus Indexed Journal

INTERNATIONAL JOURNAL PUBLICATION :

12. Published a paper on *Enhancing the network security using Lexicographic game* in the reputed **Springer** International Journal LNICST – January 2012.
13. Published a paper on *Enhancing the network security using amalgam game* in the International journal on Cryptography and Information Security, Vol-2, No.1, March, 2012.
14. Published a paper on *Reign Monitor service for web enabled distributed system* in the International journal on Computation of Power, Energy, Information and Communication, Vol-12 April 2013

15. Published a research paper titled *Enhancing multi-user network security using sagacity and dismissal of conquered movements* in the International journal on Computational and Theoretical Nanoscience (Annexure-I) Vol-13, No.1, Jan, 2016
16. Published a paper titled *Latency Reduction In WTLS Using Game Theoretical Approach*, International Journal of Taga Journal of Graphic Technology, Swansea Printing Technology Ltd, UK, ISSN: 1748-0345(O), 1748-0337(P) April 2018
17. Published a paper titled *Security enhancement for wireless network communication*, IEEE Digital Library, International conference on trends in electronics and informatics, (ICOEI 2018), ISBN :978-1-5386-3570-4,11-12th May 2018
18. Published a paper titled *Security enhancement for wireless network communication*, IEEE Digital Library, International conference on trends in electronics and informatics, (ICES 2018), ISBN :978-1-5386-3570-4,11-12th May 2018
19. Published a paper titled *Security Enhancement for Software defined Network using Game Theoretical Approach*, in Computer Networks (COMNET), Elseviere, International Publication, ISSN :978-1-5386-3570-4, July, 2019
 - Published 19Nos. of research papers in the year 2019 -2020 with Saveetha School of Engineering affiliation. Out of 19 Nos. 13 Nos. of Journals are SCOPUS INDEXED and SCI (3Nos.)

ACHIEVEMENTS:

1. Received an International Award for “*Innovative Researcher in Network Security*” on 26th January, 2020 from Research Under Literal Access with the association of World Research Council.
2. Received an *International Award for “Best Professor”* on 12th November 2018, from Research Under Literal Access with the association of UMC and IDAMAS, Malaysia.
3. Patent published for the device “*Smart Portable Device for Deaf and Dumb People*” in May, 2018
4. Patent published for the device “*Smart Phonetic Stick for Blind People*” in May, 2018.
5. Certified trainer through *International certification* for “*Cloud Infrastructure and Services*” from EMC² Academic Associate, USA and obtained 100% results in it.
6. Served as the Co-ordinator for the professional bodies such as Computer Society of India and ICT Academy through which conducted many academic programmes for the benefit of students community and obtained appreciation for the same.
7. Obtained 100% results in the subjects such as *Artificial Intelligence, Computer Networks, Design and management of Computer networks, Principles of compiler design, Operating Systems, Mobile and pervasive computing, Advanced Computer Architecture*, etc as a great challenge in Edification profession.

8. Submitted many **Research and Development** Proposals for Government funding agencies such as Department of Science and Technology, New Delhi and TNCST, Chennai.
9. Submitted a proposal titled **“Advanced Computing Technology and Software Analysis” worth of Rs.49 Lakhs** as a funding grant for our current employer (institute) under the scheme of FIST, to the Department of Science and Technology, New Delhi.
10. Obtained Mission 10X certificate for High Impact Teaching Skills from Dale Carnegie Training, UK
11. Delivered lecture on **Role of AI in IoT Security Applications** for AICTE sponsored six days on line Short Term Training Programme (STTP) on Secure Data Optimization in IoT using GNU Radio Companion and USRP **at Excel Engg. College, Namakkal** in the year 2021.
12. Acted as a **Keynote speaker** for the National conference **on Recent Trends in Artificial Intelligence** for HITS, Chennai in March, 2020
13. Delivered lecture on **Wireless Mobile Communication** for AICTE sponsored workshop **at SRM Easwari Engg. College, Chennai**
14. Delivered lecture on **Computer Architecture** for AICTE sponsored workshop at Velammal Engineering. College, Chennai
15. Delivered various guest lectures on Compiler Design, Computer Architecture, Computer Networks, Wireless mobile communication, Web Technology, Bio-Statistics, Bio-informatics, Visual Programming, XML and Web services, Artificial Intelligence, Theory of Computation, Data Structures, etc.
16. Delivered Lecture on Network Security Issues in Indira Gandhi College of Engineering and Technology for Women, Chennai.
17. Obtained **“Best faculty Award”** in CMC Limited, A Govt. of India Enterprise, Chennai
18. Won the prizes at **National and international** level project competitions by guiding various students.
19. Obtained many appreciation certificates from employers for organizing the academic programmes such as International Conference, National level workshops, National level Symposium, etc.
20. Obtained many appreciations from the participants those who have attended the national level workshops, international conferences, innovative teaching learning programmes, etc through ICT Academy and Computer Society of India Professional Bodies.

21. Interactions with Industrial Experts such as UST GLOBAL, CTS, TCS, etc., for arranging more internships and organized many national level programmes such as Career Guidance, Innovative programmes to enrich the knowledge of students.
22. Obtained the **National Board of Accreditation**(NBA) with good grade for the entire college which includes the departments of CSE, ECE, MECH, EEE, IT, MCT, etc. It has been carried out in 3 Nos. of engineering colleges VEC, KCG and CIT..

MEMBERSHIP IN PROFESSIONAL BODIES:

1. *Life member* in professional societies such as *Computer Society of India* and organized many national level and international level academic programmes such as International Conference, National Conference, Technical Symposium, Intercollegiate Project Competition, National level Workshops, etc as Student Bureau Councilor for the College.
2. Active member *in IET* and attended and organized many workshops, seminars and conferences.
3. Active member in **USA-International Club** called “Toastmasters’ club” and delivered many lectures for the public.

PROJECT DETAILS

S.No.	Project Title	Software	Agency
1.	<p>Projects completed: Guided Post graduate and undergraduate students projects and won the prizes in national level.</p> <p>Project under review: Designing a novel framework for crime free society. Designing a novel framework for the disabled people.</p>	<p>Hadoop, CloudSim, Oracle, VC++</p> <p>TensorFlow, MAT LAB, Latest : SciLab, CloudSim</p>	<p>For Anna University</p> <p>Proposal submitted for ISRO</p>
2.	An Improved Algorithm for Secret Detection and Estimation Using Image Quality Metrics	MAT LAB, Latest : SciLab, CloudSim	M.E. (CSE) (Self)
3.	Loan Management System for KSCARD Bank , Kerala for CMC	ORACLE, VB	PG-Computer Application (Self)

	Limited, Chennai		
4.	National Income & Public Debt Interaction Model for RBI, Chennai	SPSS, Latest: DataMiner.	Applied Stats (RBI)

- Overall Industry + Academic teaching = **5.3 + 18 = 19.3 Years**
- Subjects handled more than 3 times : **Artificial Intelligence, Theory of computation, Principles of compiler design, Advanced Computer Architecture, Web technology, Mobile Pervasive computing, Database management systems, Computer networks, C, C++, VC++, Object oriented analysis and design, Computer network management.**

ADDITIONAL QUALIFICATION :

- B.A.(Hindi) Degree from Dakshin Bharath Hindi Prachar Sabha, Chennai
 - Undergone study on ORACLE / Visual Basic at **SSI LTD., CHENNAI**, and done a project for Banking.
 - Undergone Diploma in Computer Application at **LIBA, Loyola College, CHENNAI** covering UNIX & C, FoxPro.
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