

Curriculum Vitae

1. Name: Dr.P. Thiagarajan

2. Nationality: Indian

3. Address for Communication:

Dr.P.Thiyagarajan
Associate Professor & Head
Department of Computer Science (Cyber Security)
Rajiv Gandhi National Institute of Youth Development
(An Institute of National Importance)
Ministry of Youth Affairs and Sports
Sriperumbudur – 602015
Email : thiyagurgniyd@gmail.com / thiyagarajan@rgniyd.gov.in



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4. Academic Qualifications:

- PhD in Computer Science and Engineering from the Pondicherry University (A Central University) (2014)
- M.S. Integrated in Computer Science from the College of Engineering, Guindy, Anna University, Chennai (2007)

5. Areas of Specialization:

- Threshold Cryptography, Information Security, Network Security, Steganography, Big Data Analytics, Security aspects in smart cities, Machine Learning, Blockchain Technology

6. Current Research Interest:

Cryptography, Steganography, Blockchain Technology, Machine Learning

7. Present Position:

Associate Professor & Head
Department of Computer Science (Cyber Security)
Rajiv Gandhi National Institute of Youth Development
(An Institute of National Importance)
Ministry of Youth Affairs and Sports
Sriperumbudur – 602015

8. Immediate Past Position:

Assistant Professor
Department of Computer Science
Central University of Tamil Nadu
Thiruvarur – 610 005

9. Other Important Academic and Administrative Assignments:

A few of the important academic and administrative assignments are listed below:

- Founder Head of the Department of Computer Science (Cyber Security), Rajiv Gandhi National Institute of Youth Development, Sriperumbudur from 2022 to till date
- Public Relation Officer (PRO), Rajiv Gandhi National Institute of Youth Development, Sriperumbudur from 2022 to till date
- Placement Officer, Rajiv Gandhi National Institute of Youth Development, Sriperumbudur from 2022 to till date
- Member, IQAC, Rajiv Gandhi National Institute of Youth Development, Sriperumbudur from 2022 to till date
- Chairman – Question paper setting Committee for Bharathidasan University / Alagappa University / Pondicherry University
- Expert member in Board of Studies for various universities and colleges
- Founder Head of the Department of Computer Science, Central University of Tamil Nadu, Thiruvarur from 2016 to 2020
- Nodal Officer, Campus Connect Wi-Fi project, Central University of Tamil Nadu, Thiruvarur from 2017 to 2022
- Program Coordinator of Basic Computer Application Certificate Course, fully funded by UGC and conducted by Community College, Central University of Tamil Nadu, Thiruvarur from 2018 to 2022
- Convener – MHRD Institution Innovation Cell from 2019 to 2022

10. Total Teaching Experience: 9 years

11. Total Research Experience: 11 years

12. Training Experience: 9 years

13. Invited Lecture Delivered in the Last Three Years:

A few of the important invited lecture delivered in the past three years are listed below:

- Keynote speaker for the International Conference International Conference on Recent trends in Data Science and its applications” (ICRTDA 2023) conducted by the Department of Data Science and Business Systems, School of Computing at SRM Institute of Science and Technology on 31.03.2023
- Invited speaker in Rajalakshmi Institute of Technology, Chennai for ICSSR sponsored - Two days National Seminar on “The Role of Cyber Security Now and The Future with AI in India: A Growing National Security Concern” on 24.02.2023
- Invited Talk to promote Cyber Security Awareness at National Institute of Science Education and Research (NISER), Bhubaneswar on 05.01.2023
- Invited Talk in One Day National Level Workshop on Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research at Dr. N.G.P. Arts and Science College, Coimbatore on 26.11.2022
- Invited Talk in Refresher Course in Computer Sciences (Interdisciplinary) in UGC-HRDC, Bharathiar University, Coimbatore on 25.11.2022
- Invited Talk in Refresher Course in Computer Sciences & Information Technology in UGC-HRDC, University of Madras, Chennai on 23.11.2022
- Keynote Speaker at the International Conference on “Scientific and Technological Advancements for Reliable and Sustainable – future” (STARS 2022) organized by Bishop Heber College, Tiruchirappalli on 17.11.2022

14. Conference/Workshop/Seminar Attended in the Last Three/Five Years (provide a list):

A few of the important programmes attended are listed here:

- Attended refresher course in Computer Science by UGC-HRDC, Pondicherry University from 12.10.2022 to 25.10.2022
- Attended refresher course in Computer Science by UGC-HRDC, Bharathiar University, Coimbatore from 17.11.2017 to 07.12.2017
- Attended 112th Orientation Programme by UGC HRDC, University of Mysore, Mysore from 28.11.2016 to 25.12.2016
- Attended MHRD IIC Ambassador Training Programme in Sri Krishna College of Engineering & Technology, Coimbatore from 06.01.2020 to 07.01.2020
- Attended online FDP on Artificial Intelligence conducted by BVRIT Hyderabad, College of Engineering for Women from 22.05.2020 to 26.05.2020
- Attended One week hands-on training programme in Internet of Things by Engineering Staff College of India sponsored by DST from 15.07.2019 to 19.07.2019

- Attended online workshop in Recent Research Trends in Deep Learning through Google Colab (Python) organized by Government College of Women, Kumbakonam on 12.06.2020
- Attended National Workshop on IoT Technologies and Big Data Analytics for Telemedicine Applications sponsored by ISRO organized by Pondicherry Engineering College from 30.08.2017 to 31.08.2017

15. Award Received (indicate the name of the Institute):

- “Young Scientist Fellow” by Tamil Nadu State Council for Science and Technology, Government of Tamil Nadu in 2020
- “Post-Doctoral Fellow” by Indira Gandhi Centre for Atomic Research, Department of Atomic Energy, Kalpakkam from 2013 to 2014
- “Best Technical Award” by Aricent Technologies (An MNC), Gurgaon in 2008

16. Experience of Supervision of Doctoral Thesis:

- Pursuing: 02
- Completed: 01

17. Research Projects (On-going and completed):

Research Projects:

S.No.	Funding Agency	Project Title	Amount in lakhs	Status
1.	PMMMNMTH MHRD	Construction and implementation of e-learning in data analytics using python	1.1 Lakhs	Completed
2.	IUCTE	A Study of ICT Integration in Teaching and Learning in Higher Education in India	6.6 Lakhs	Completed
3.	ICSSR	Development and Implementation of e-learning in Discrete Mathematics	2 Lakhs	Completed

Funded Conference / FDP / Workshop Conducted:

S.No.	Title of the Conference / FDP / Workshop	Funding Agency	Amount
1.	Digitalization of resources using open source software : DSpace - FDP (5 Days)	UGC	Rs.75,000/-
2.	Artificial Intelligence in Teaching and Learning - FDP (5 Days)	AICTE	Rs.93,000/-
3.	Research Methodology course (10 days)	ICSSR	Rs.97,000/-
4.	National Conference on Youth Advanced Computational Convergence (YACC-2023)	ICSSR	Rs.3,70,000/-

18. Consultancy Services: NIL

19. Member of Any Academic Body: NIL

20. Book (Edited and Written):

- P.Thiyagarajan authored a book on “Strengthening security in Spatial Domain Image Steganography” published by Lambert Academic Publishing, 2018, ISBN : 978-613-5-82863-4
- Pramila Ramani, Thiyagarajan P authored a book on “An E-learning approaches to teach Discrete Mathematics”, Studium Press, 2019, ISBN: 978-9385046476

21. List of Publication in the Recognized Journals (last five years):

Selected Publications are listed below:

- Muhammed Niyas K. P., **Thiyagarajan P**, A Systematic Review on Early Prediction of Mild Cognitive Impairment to Alzheimers Using Machine Learning Algorithms, International Journal of Intelligent Networks, (DOI: <https://doi.org/10.1016/j.ijin.2023.03.004>), Elsevier, 2023 (In Press)
- Kalivaraprasanna Babu G., **Thiyagarajan P**, Broadening of horizons: A review of blockchains' influence on EHRs development trend, International Journal of Electronic Healthcare (DOI: 10.1504/IJEH.2023.10054122) InderScience, 2023 (In Press)
- Muhammed Niyas K. P., **Thiyagarajan P**, Alzheimer's classification using dynamic ensemble of classifiers selection algorithms: A performance analysis, Biomedical Signal Processing and Control, Volume 68, pp.1-18, 2021, 102729, ISSN 1746-8094 **Impact Factor: 5.076**
- Muhammed Niyas K P, **Thiyagarajan P**, Feature Selection Using Efficient Fusion of Fisher Score and Greedy Searching for Alzheimer's Classification, Journal of King

22. Any Other Relevant Information

E-Learning Material Developed:

P.Thiyagarajan developed an E-learning material on “Mobile Application Development” for M.Sc. Computer Science DDE – Alagappa University, 2020

MOOC Course Developed:

Designed and Developed MOOC Course on the topic *Internet of Things (IoT) – Current Developments* for Bharathidasan University Entrepreneurship, Innovation and Career Hub (BECH-RUSA 2.0), Bharathidasan University in May 2020.

Patent:

Dr.P.Thiyagarajan et.al., Coronavirus protected room: Disinfecting roomair using IoT and Machine Learning Programming (Filed Date : 26.06.2020)