Brief Bio-Data of

Ph.D. in **C.S.E,** Anna University, Chennai

M.E (C.S.E), Anna University, Chennai

Total 16 Years Experience in Teaching

Areas of Research: Mobile Ad-Hoc Networks, Internet of Things and Design & Analysis of Algorithms.

Academic Qualification:

DEGREE	SPECIALIZATION	UNIVERSITY	YEAR OF PASSING	CLASS
Ph.D	CSE	Anna University	2016	-
M.E	CSE	Anna University	2006	75
M.Sc	CT	Periyar University	2000	77

Training & Workshop:

- Participated in AICTE sponsored two week Faculty Development Programme on "Emerging Threats and Counter Measures in Information Security" at Nall Malla Reddy Engineering College, Hyderabad held from 10.02.2020 to 22.02.2020.
- Participated in one week Faculty Development Programme on "Discrete Mathematics for Engineering Stream" at Malla Reddy Institute of Technology and Science, Secunderabad held from 19.12.2019 to 24.12.2019.
- Participated in Two Days National Level Workshop on "Machine Learning for Human-Robot Collaborate and Artificial Intelligence Awareness" at Malla Reddy College of Engineering and Technology, Secunderabad held from 22.11.2019 to 23.11.2019.
- Participated in Faculty Development Programme on "Machine Learning & Deep Learning" at Malla Reddy College of Engineering and Technology, Secunderabad held from 29.04.2019 to 04.05.2019.
- Participated in Faculty Development Programme on "MOOCS, Open Education & Open Educational Resources" at SRKR Engineering College (A), Bhimavaram, Andhra

Pradesh in association with E & ICT Academy, National Institute of Technology, Warangal from 9th to 11th November 2017 (Part-1) & 26th to 28th March, 2018 (Part-2).

- Participated in AICTE sponsored Faculty Development Programme on "Deep Learning and its Applications in Machine Vision and Robotics" at Nandha Engineering College, Erode held from 13.11.2017 to 26.11.2017.
- Participated in one day 'Train the Trainer' workshop under the research project "Innovative research in pedagogy for Mini-MOOCs blended with instruction strategies to enhance quality of higher education" organized by SRKR Engineering College, Bhimavaram, Andhra Pradesh in association with Thapar University, Patiala and sponsored by Royal Academic Engineering (UK), held on 12.11.2017.
- Participated in Faculty Development Programme on "IBM Certified Cloud Application Developer" at Karunya University, Coimbatore from 10.08.2016 to 11.08.2016.
- Participated in Faculty Development Programme on "Recent Trends in Computer Architecture" at Thiagarajar College of Engineering, Madurai from 21.07.2016 and 22.07.2016.
- Participated in a Faculty Development Training Programme on "BM 6504 - Bio Medical Instrumentation" at Sri Ramakrishna Engineering College, Coimbatore from 06.06.2016 to 12.06.2016.
- Participated in National Seminar on "Challenges and Strategies in Research" at SNS College of Engineering, Coimbatore on 30th January 2016.

International Conferences:

- Participated in Sixth International Conference "Transformations in Engineering Education (ICTIEE-2019)" at Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana, India on 7th and 8th January 2019.
- Presented a paper titled "Smart Agriculture based on Internet of Things (IoT)" in International Conference on Recent Innovations in Engineering, Technology and Management at Nandha Engineering College, Erode on 23rd March 2018.
- Presented a paper titled "A Study on Various Schemes for Verifying Data Integrity in Cloud Storage" in IEEE sponsored 3rd International Conference on Electronics and Communication Systems, at Karpagam College of Engineering, Coimbatore on 25th and 26th February, 2015.
- Presented a paper titled "Classification of Lesions from Retinal Images to Detect Diabetic Retinopathy" in IEEE International Conference on Soft-computing and Network Security (ICSNS'15) at SNS College of Technology in association with Kyungpook National University, South Korea during 25th to 27th February 2015.

National Conference:

- Presented a paper titled "Sleep Scheduling Algorithm in Energy Efficient Routing Scheme with Improvement in Performance for Wireless Adhoc Networks" in National Conference held on 6th March 2015 at J.K.K Nattraja College of Engineering and Technology, Tamil Nadu, India.

Patent & Achievements:

1. Patent Published on "Method for Smart Irrigation using Wireless Internet of Things Sensor Network" in IPR India on 13 Mar 2020.
2. Patent Published on "A System and Method of Biometric Identification Based on Distributed Internet of Things Lock and Unlocking Thereof" in IPR India on 09 Aug 2019.
3. Received Vedant Academics Bangkok Awards - 2019 as a "Best Teacher of the Year" presented by International Association of Research and Developed Organization (IARDO) in association with Vedant College of Engineering & Technology, Kota, Rajasthan (India) at HU Home, Kasetart University, Chatuchak, Bangkok, Thailand on June 7, 2019.
4. Received Global Education and Corporate Leadership (GECL) Awards - 2018 as a "Best Academician of the Year Award (Male)" presented by Meerut Institute of Engineering and Technology (MIET), Meerut, Uttar Pradesh, India on December 23, 2018.

List of Publications:

International:

- Published a paper titled "Disease Prognosis by Machine Learning Over Big Data from Healthcare Communities" in International Journal of Recent Technology and Engineering (IJRTE), Volume 8, Issue 4 (2019), pp.680-683. (Scopus Index & Impact Factor : 5.92) ISSN: 2277-3878
- Published a paper titled "A Research on an Efficient Cloud Scheduling with a Geo Microarray Data Set" in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 9, Issue 1 (2019), pp.2946-2952. (Scopus Index & Impact Factor : 5.54) ISSN: 2278-3075
- Published a paper titled "Trust and Privacy Based Authentication Method for Vertical Handoff Decision in Heterogeneous Network" in International Journal of Engineering and Advanced Technology (IJEAT), Volume 9, Issue 1 (2019), pp.5328-5334. (Scopus Index & Impact Factor : 5.97) ISSN: 2249-8958
- Published a paper titled "Smart Agriculture Based on Internet of Things (IoT)" in International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC), Volume 2, Issue 6 (2018), pp.1865-1868. (Impact Factor : 4.2) ISSN:2348-2079
- Published a paper titled "A Survey of Block and Gray Hole Attacks in Wireless Mobile Ad Hoc Networks" in International Journal for Scientific Research and Development (IJSRD), Volume 4, Issue 9 (2016), pp.931-935. (Impact Factor : 4.396) ISSN: 2321-0613

Dr. A Chandrasekar
Professor, MRITS.