

1. NAME AND ACADEMIC RANK : F. Antony Xavier Bronson, Ph.D.,
Associate Professor



2. EDUCATION:

Ph.D - Computer Science & Engg, Dr. MGR Educational and Research Institute, Chennai, India,2020

M.Tech -Computer Science & Engg. Dr. MGR Educational and Research Institute, Chennai, India,2012

B.E -Computer Science & Engg. Anna University, Chennai, India 2008

3. ACADEMIC EXPERIENCE:

2022 - Present Associate Professor, Department of Computer Science & Engineering, Dr.M.G.R . Education and Research Institute , Chennai , full time

2012 - 2022 Assistant Professor, Department of Biotechnology, Dr. M.G.R.Education and Research Institute, Chennai, full time

2008 - 2012 Teaching Assistant, Department of Biotechnology, Dr. M.G.R.Education and Research Institute, Chennai, full time

4. NON-ACADEMIC EXPERIENCE:

NA

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- NPTEL Course

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- International Association of Engineers (IAENG), Member
- **The Institution of Engineering &Technology (IET)- Member**

7. HONORS AND AWARDS:

- Best Academician Award-2024 – New rains Excellence award
- 99 challenge Award -IGen

8. SERVICE ACTIVITIES:

- Various Academic and Administrative Committees at Dr.M.G.R Education and Research Institute, Chennai
- Head Faculty in charge – IEI MGR Student Chapter
- Elected Committee Member – CP Division IEI TNSC.
- Faculty Coordinator of Dr.M.G.R Education and Research Institute, Chennai - ACS Space Technology Centre
- Convener, Department CSE Coding Club

- University Nodal Coordinator- Vlab IIT PALS
- Member in Ensave club.

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024):

- P. Nirmala; Lakshmi S; J. Megala ; P.Kalpana Devi; Venkatramanan C B; F. Antony Xavier Bronson, 2024 “A Design of Intelligent Home Security Handling System based on Face Recognition and IoT Assisted Technology”, 2024 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), IEEE, Vol:I,B1-E8
DOI: 10.1109/RMKMATE59243.2023.10369600
- Dr. F. Antony Xavier Bronson, Dr. P. Dinesh Kumar, Dr. G. Victo Sudha George Mr. Sarath Rahul. S, Mr. Siva Kumar. R, Mr. Siva Sankar. V-2023 “FACIAL EMOTION RECOGNITION SYSTEM” Journal of Data Acquisition and Processing, 2023, 38 (1): 3381-3392 .
- Francis Antony Xavier Bronson, Xavier Francis Jency, Vairamani Sai Shanmugaraja, Saravanan Elumalai & Gowrishankar Senthil Velan -2023 “Elimination and Restoring Deduplicated Storage for Multilevel Integrated Approach with Cost Estimation” Lecture Notes in Networks and Systems, Springer, Vol , I , B 39-E 52
- F. Antony Xavier Bronson, V. Sai Shanmuga Raja, Saravanan Elumalai, G. Senthil Velan, P. Solainayagi – 2022 Taylor & Francis -Convergence of Deep Learning and Artificial Intelligence in Internet of Things “Integrated Storage Allocation and Privacy Preserve Deduplication Process over Cloud Using Dekey Method” CRC Press, 9781003355960 1st Edition, , Page No : 39-64
- Antony Xavier Bronson , Sai Shanmuga Raja , S.GEETHA1, T. Kirubadevi1, N. Kanya, 2022, “Aggregation of Encrypted Data using a Secure Paillier Key in Wireless Sensor Networks”, NeuroQuantology, Volume 20, Issue 8, Page2050-2055, doi : 10.14704/nq.2022.20.8.NQ44224.
- Dr. V. Sai shanmuga raja, Dr. F. Antony Bronson Xavier, Dr. S. Mohandoss, Mrs. S. Subbalakshmi, Mrs. Yamini 2022, “ Efficient Query Services in A Paillier Cryptosystem and Rasp”, Computer Integrated Manufacturing Systems, , Volume 28, Issue 10, pp. 686-696.

- K. Sujatha, N. P. G. Bhavani, U. Jayalakshmi, T. Kavitha, R. Krishnakumar, K. Senthil Kumar, A. Ganesan, A. Kalaivani, Rajeswary Hari, F. Antony Xavier Bronson & S.k. Shafiya, “Indigenous Non-invasive Detection of Malnutrition-Induced Anemia from Patient-Sourced Photos Using Smart Phone App”-2022 Springer Lecture Notes in Networks and Systems, Vol , I , B 431-E 440

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- Attended 4 days online FDP on “AI Insights: Predictive Power of ML, DL, NLP” Organized by the department of AI & ML Sphoorthy Engineering College , held from 14.5.2024 to 18.05.24
- Attended the workshop on Space Situational Awareness and Space Traffic Management - Growing Concerns on Space Environment Organized by ISRO and ASI in association with IN-SPACE and NSIL, 11-13 January 2023, Bengaluru, India
- Attended the 1st International conference on Spacecraft Mission operations (SMOPS 2023) Organized by ISTRAC –ISRO ,Bengaluru, India
- FDP – Vlab IIT Pals
- FDP on Managing Online classes and Co-Creating MOCS (one day FDP)