Name of Faculty	Dr. P. SAMSON ANOH BABU	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	20 – 07 - 2023	
E-mail	samsonanoshbabu_aids@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D.	Doctor of Philosophy (CSE), IIT Dhanbad	Awarded
PG	M. Tech. (CSE), NIT Rourkela	First
UG	B. Tech. (IT)	First

Work Experience

Teaching	7 Years
Research	4 Years 6 Months
Industry	--
Others	----
Area of Specialization	Machine Learning, Deep Learning, and Biological Data Analysis
Professional Memberships	IEEE (Senior Member) – 94841668 ISTE (Life Member) - LM136293 IAENG (Life Member) – 322858 IEEE Young Professionals IEEE Computational Intelligence Society Membership IEEE Computer Society Membership IEEE Engineering in Medicine and Biology Society Membership IEEE Biometrics Council IEEE Council on Electronic Design Automation IEEE Council on Superconductivity IEEE Nanotechnology Council IEEE Sensors Council IEEE Systems Council IAENG Society of Artificial Intelligence Membership IAENG Society of Bioinformatics Membership IAENG Society of Computer Science Membership IAENG Society of Data Mining Membership IAENG Society of Information System Engineering Membership
Responsibilities held at Institution Level	1. TSEAMCET- 2023 Enrollment process member at CBIT (one of the members for Certificate Verification)
Responsibilities held at Department Level	1. Time Tables in-charge 2. One of the Mentor for 7th semester students (2023-2024).
Research Guidance	--------------
Awards Received	--------------
Courses Handled at Under Graduate / Post Graduate Level.	Operating Systems, Machine Learning, Object Oriented Programming, Object Oriented Analysis and Design, Python Programming, Software Engineering, Software Project Management, Linux Programming, Unix Network Programming, Formal Languages and Automata Theory, Introduction to Artificial Intelligence and Machine Learning, Program Design.

No. of Papers Published		
	National Journals –00	International Journals – 08
	National Conference – 00	International Conference – 01

Projects Carried out	--
Patents	01 Details: The Commissioner of Patents, Australia has granted a patent on 28th April 2021. Title: A VEHICLE ANTI-THEFT SYSTEM AND A METHOD THEREOF, Patent number: 2021101396, Authors: Aakanksha Sharaff, Samson Anosh Babu Parisapogu, Supriya Agrahari and Md. Khaja Mohiddin.
Technology Transfer	Reviewer: 1. IEEE Access Journal

	2. Scientific Reports Journal, Springer Nature
	3. Neural Network World Journal (SCIE)
	4. PLOS One Journal (SCIE)
	5. IEEE MASS 2020 (Conference, IIT Roorkee)
	6. IEEE SLICE 2023 (Conference, Canada)
	7. ICCIML2022 (Conference, Rajasthan)
	8. AMMLAC 2022 (Conference, NIT Raipur)
	9. iQ-CCHESS'23 (Conference, IIIT Kottayam)
	10. IGI Global Book Chapter Peer Reviews
Invited Speaker	1. Delivered a lecture as a resource person in the One Week online FDP on, "Communication Systems using Machine Learning Algorithms (CSMLA)", organized by the Department of Electronics & Communication Engineering, Annamacharya Institute of Technology and Sciences, Hyderabad, during 14 - 19 March, 2022.
	2. Delivered a lecture as a resource person in a 10 Days online FDP on "Advanced Machine Learning – Applications and Challenges", organized by KITS Markapur and EICT NIT Warangal during 18th to 29th April 2022.
No. of Books/ Chapter Published with details	1. **Parisapogu Samson Anosh Babu**, Annavarapu, C.S.R., Elloumi, M. (2021). 1-Dimensional Convolution Neural Network Classification Technique for Gene Expression Data. In: Elloumi, M. (eds) Deep Learning for Biomedical Data Analysis. Springer, Cham. https://doi.org/10.1007/978-3-030-71676-9_1
Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Work shops./ Other Trainings (**Attended and/ or Organized**).	1. Organized a 10 Days Faculty Development Program (FDP) on "Advanced Machine Learning-Applications and Challenges", at Krishna Chaitanya Institute of Technology and Sciences, Markapur, in association with Electronics & ICT Academy, NIT Warangal, Set up by MEITY, Government of India. Duration: 18th, April to 30th April, 2022, Role: Coordinator.
	2. Attended a One Week FDP on "Machine Learning in Big Data Applications and Security Challenges", organized by MLR INSTITUTE OF TECHNOLOGY (Autonomous), Hyderabad. Duration: 24th April, 2023 to 29th April, 2023.
	3. Attended a One Week FDP on "Amazon Web Services", organized by QIS College of Engineering & Technology (Autonomous), Ongole, in collaboration with Braino Vision Solutions INDIA Pvt.Ltd & All India Council for Technical Education- AICTE. Duration: 22nd August, 2022 to 27th August, 2022.
	4. Attended for 14th Hands-On Training on "Genomics and Metagenomics", jointly organized by the University of Trans-disciplinary Health Sciences and Technology (TDU) and Bengaluru Genomics Centre (BGC), held at Centre for Functional Genomics and Bioinformatics, TDU, Bengaluru, India, From July 29th to August 1st 2019.
	5. Attended an International GIAN course on "Data and Text Mining in Bioinformatics", held during September 10-14, 2018, at Department of Computer Science and Engineering, National Institute of Technology Calicut, Kerala, India.
	6. Attended a GIAN course on "Multi-objective Optimization Using Meta-heuristics", from 3rd to 7th March, 2018, held at Indian Institute of Technology Kanpur, India.
	7. Attended a FDP on "Machine Learning", organized by the E & ICT Academy, NIT Warangal, at Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India, from 19th to 24th December, 2016.
	8. Attended for One Week Faculty Development Program (FDP) on "Advances in Python Programming", during 28th November to 2nd December, 2016 conducted by the Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India under TEQIP-II.
	9. Attended for One Week Faculty Development Program (FDP) on "Advanced Tools for Data Analytics", during 21st - 25th November, 2016 organized by the Department of Computer Science and Systems Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India under TEQIP-II.
	10. Attended for a Two Day National Workshop on "Recent Advances in Bioinformatics and Medical Image Analysis", during 18th to 19th November, 2016 organized by the Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh,

and sponsored by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India.

11. Attended for a two-day Research Oriented Faculty Development Program on "Open Source Technologies", on 26th - 27th September, 2016 conducted by the Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India, under TEQIP-II.

12. Atteded for a One Week TEQIP-II Sponsored Workshop on "Introduction to Cryptology", from 30th May - 4th June, 2016 organized by the Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli.

13. Attended a Two Day National Workshop on "Fog Computing & Internet of Things", organized by the Department of CSE, JNTUK UCEV, Andhra Pradesh, India, on 28th & 29th March, 2016.

14. Attended a Two Day Workshop on "Research Methodology & Technical Paper Writing", during 26th - 27th February, 2016 conducted by the Department of Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India, under TEQIP-II.

15. Attended for Summer School on "Ethical Hacking & Network Security (SSEHNS2012)", during 18-30 June, 2012 organized by Department of Computer Science & Engineering, National Institute of Technology Rourkela, Odisha, India, under Continuing Education Programme.

16. Attended for Paper Presentation contest, held at Infinity 2k8, A National Level Technical Symposium, organized by Department of Computer Science & Engineering, University College of Engineering (A), Osmania University, Hyderabad, India.

Details of Journal Publications/ Conferences (**National and International**) 09

International Journals

1. ACS Rao, N. K., **Samson Anosh Babu P**, & Praveen. (2023). A Bi-FPN-Based Encoder-Decoder Model for Lung Nodule Image Segmentation. Diagnostics (SCIE, Q2, IF:3.992), 13(8). https://doi.org/https://doi.org/10.3390/diagnostics13081406

2. H Sahu, **Samson Anosh Babu. P**., S B Khan, & Mohan, S. (2023). Analysis of Deep Learning Methods for Healthcare Sector Medical Imaging Disease Detection (Accepted). Contemporary Mathematics (SCOPUS Indexed).

3. **Samson Anosh Babu P**, Annavarapu, C. S. R., & Dara, S. (2021). Clustering-based hybrid feature selection approach for high dimensional microarray data. Chemometrics and Intelligent Laboratory Systems (SCIE, Q1, IF: 4.175), 213, 104305. https://doi.org/10.1016/j.chemolab.2021.104305

4. **Samson Anosh Babu P**, Chandra, S., & Manikant, M. (2021). A deep neural network approach for the prediction of protein subcellular localization. Neural Network World (SCIE, Q4, IF: 1.518), 31 (1), 29–45. https://doi.org/10.14311/NNW.2021.31.002

5. **Samson Anosh Babu P** & Rao, A. C. S. (2021). Deep learning-based improved snapshot ensemble technique for covid-19 chest x-ray classification. Applied Intelligence (SCIE, Q1, IF:5.019), 51 (5), 3104–3120. https://doi.org/10.1007/s10489-021-02199-4

6. Dakshayani, G., Srinivasulu, A., **Samson Anosh Babu P** & Mahindra, M. (2016). Study on analyzing the performance of improved evolutionary algorithm design based on time for the project scheduling problem. i-Manager's Journal on Software Engineering, 11 (1), 37–44. https://doi.org/10.26634/jse.11.1.8196

7. **P. Samson Anosh Babu**, P. Hema Gayathri, G. Himaja, J. Jyothi, A. G M Abhinaya, Detection of Phishing Emails using an improved RCNN Model with Multilevel Vectors and An Attention Mechanism, International Journal of Computer Engineering and Applications, VOLUME XVI, ISSUE IX, Sep. 2022

8. **P. Samson Anosh Babu**, Y.Rajeswari, G.Vasudha , B.Sreenatha Reddy, G. Rakesh, RECOGNIZING FACES IN DISGUISE USING TRANSFER LEARNING, VOLUME XVI, ISSUE X, Oct. 2022

International Conferences

1. Samson Anosh Babu P, A. C. S. R., & Mohapatra, A. (2019). A novel method for next-generation sequence data analysis using PLSA topic modeling technique. 2019 Second International Conference on Advanced Computational and Communication Paradigms (ICACCP) (SCOPUS Indexed), Best paper award, 1–6. https://doi.org/10.1109/ICACCP.2019.8882949