

BIO-DATA

Name: Dr.P.AnnanNaidu

AITAM Employee ID: A5CSE00T89

Designation: Associate Professor

Department: CSE

Date of Birth: 28.06.1985

Father Name: P.MalleswaraRao

Mother Name: P.VijayaLakshmi

Reservation Category: BC-A

Address: Arasavalli, Srikakulam-532001.

Mobile Number: 9583612598/8917629785

Emailid: annanpaidi@gmail.com

Date of Joining in the Institution: 01-12-2021

Academic Excellence:

Ph.D. CenturionUniversity, Odisha.

M.Tech CSE from JNTU, Kakinada.

B.Tech IT from JNTU, Hyderabad.



Teaching Experience: 15years

Period		Organization/Institution	Designation
01-06-2023	Till date	AITAM,Tekkali	Associate Professor
December 1st ,2021	May-2023	AITAM,Tekkali	Asst.Professor
Mar-2021	Nov-2021	SVCET,Etcherla, Srikakulam	HOD-CSE
August 2011	Feb 2021	CUTM, Bhubaneswar, Odisha	Asst.Professor
June-2010	July-2011	Sri Vaishnavi College Of Engineering, Srikakulam	Asst.Professor
Feb-2007	May-2010	SISTAM, Srikakulam	Asst.Professor

Area of Interest:

- Java Programming
- Database Management Systems
- Computer Networks
- Python & R Programming
- Software Engineering
- Programming for Problem Solving
- Web Technologies
- Machine Learning
- Data Structures
- Deep Learning

Research Papers Published:

1. Published a paper title "GAN Based Hand Written Digit Recognition System" in 2nd International Conference on Cognitive and Intelligent Computing (ICCIC-2022), Conference proceedings published by Springer Nature Cognitive Science and Technology series, ISSN: 2195-3996, https://doi.org/10.1007/978-981-99-2742-5_58, Sep-2023, Pages: 567–575.
2. Published a paper title "An Advanced Machine Learning Approach for Student Placement Prediction and Analysis" International Journal of Performability Engineering, 08/2023, Vol-19, issue-8, doi: 10.23940/ijpe.23.08.p6, page:536-546.
3. Published a paper "Computer Vision Based Malpractice Detection System", Springer-2nd International Conference on Data Science and Artificial Intelligence (ICDSAI), Springer proceedings in mathematics and statistics (PROMS), May 2023.
4. Published a Paper title "WABE: A Modified Version Of Ada-Boosting Approach To Improve Software Quality And For Effective Software Defect Prediction" Journal of Data Acquisition and Processing, Volume 38, Year 2023, Pages 975-990, <https://sjcjycl.cn/DOI: 10.5281/zenodo.7699787>.

5. Published a Paper title” **Self-boosted with dynamic semi-supervised clustering method for imbalanced big data classification**” Journal: Multimedia Tools and Applications, **Springer Nature**, May 20 2022, <https://doi.org/10.1007/s11042-022-12038-4>.
6. Published a paper title”Using an Advanced Ensemble learning approach with feature importance and feature elimination for estimate software development Effort” **Bulletin of Electrical Engineering and Informatics (BEEI)**, ISSN: 2089-3191, e-ISSN: 2302-9285.
7. Published a Paper title” **Self-boosted with dynamic semi-supervised clustering method for imbalanced big data classification**” International Journal of Software Innovation (IJSI) ,ISSN: 2166-7160|,2022,10(1), <http://doi.org/10.4018/IJSI.297990>.
8. Published a paper title” **Experimental study on Machine learning and Computer Vision**” **Neuroquantology**, October2022, Volume-20, Issue-11, ISSN:1303-5150,Page7197-7210,DOI: 10.14704/NQ.2022.20.11.NQ66714.
9. Published a paper title” **Performance Evaluation of BCW Diagnostic Data Setusing Machine Learning Algorithms**”**NeuroQuantology**,Dec 2022, Volume 20, Issue 19, Page 964-979,doi: 10.48047/nq.2022.20.19.NQ99088.
10. Published a paper title “**Classification of Parkinson’s disease**”DogoRangsang Research Journal,Vol-09 Issue-01, ISSN: 2347-7180, June-2022.
11. Presented a paper titled”**Precision Farming with IOT**” in the 3rd National Conference on Mechatronics, Computing &Signal Processing (MCSP 2022) organized by the Department of Electronics and Communication Engineering, Centurion University of Technology and Management, Odisha on 29th and 30th April 2022.
12. Published a Paper title “**A New Methodology For Software Reliability Based On Statistical Modelling**”International Journal of Grid and Distributed Computing, Vol. 13 No. 01 (2020-08-01),ISSN:2005-4262.
13. Published a Paper title “**A New Methodology For Software Reliability Based On Pareto Distributions**”, Solid State Technology, Volume 63,Issue6,2020.
14. Published a Paper title “**Data mining: Future trends and applications**”, International Journal of Modern Engineering Research (IJMER), Volume 2, Issue 6, 2012, ISSN: 2249-6645.
15. Published a Paper title “**Distributed Data Mining and Multi Agent-Based Distributed Data Clustering**”, International Journal of Science and Research (IJSR), volume 2,Issue 1,2013, ISSN:2319-7064.
16. Published a Paper title “**Mobile Ad Hoc Networks Security: Challenges and solutions**”International Journal of Engineering Sciences & Research Technology, Volume 2, Issue 5, 2013, ISSN:2277-9655.
17. Published a Paper title “**Fraud Detection Using Outlier Analysis: A Survey**” International Journal of Engineering Sciences & Research Technology, Volume 2, Issue 6, 2013, ISSN:2277-9655.
18. Published a Paper title“**A Review of C-TREND Using Complete- Link Clustering for Transactional Data**” International Journal of Computer Science & Engineering Technology (IJCSSET), Volume 4,Issue 7,2013, ISSN:2239-3345.
19. Published a Paper title “**Adaptive Web Based Application Development**”International Journal Of Engineering And Computer Science, Volume 2, Issue 3,2013, ISSN:2319-7242.
20. Published a Paper title “**Analysis of Complete-Link Clustering for Identifying and Visualizing Multi-Attribute Transactional Data Using MATLAB**” International Journal of Computer Applications(IJCA) Proceedings on International Conference on Emergent Trends in Computing and Communication (ETCC-2014), ISSN: 0975 – 8887.
21. Published a Paper title “**Recent Trends In 4G Over 3G Technology**”IJRCCT, Volume 1, Issue 6, 2012, ISSN:2278-5841.
22. Published a Paper title “**Comparative study of PCA and ICA in the field of Data Reduction**” International Journal of Engineering Sciences & Research Technology, Volume 3, Issue 4, 2014, ISSN: 2277-9655.
23. Published a Paper title “**Major Research Challenges in Data Mining**”International Journal of Trend in Research and Development, Volume 2, Issue 4, 2015, ISSN: 2394-9333.
24. Published a Paper title “**Comprehensive Review on Privacy Preserving Data Mining Techniques and Methods**”International Journal of Engineering and Management Research, Volume 7,Issue 1,2017,ISSN:2394-6962.

25. Published a Paper title **“A Comprehensive review on Cloud Computing and Security Issues”** International Journal for Research in Applied Science & Engineering Technology, Volume 5, Issue 12, 2017, ISSN: 2321-9653.
26. Published a Paper title **“Comprehensive Review on PPDM and PPDDM Techniques”** International Journal for Science and Advance Research in Technology, Volume 3, Issue 12, 2017, ISSN: 2395-1052.
27. Published a Paper title **“An Efficient Approach for Privacy Preserving Data Mining using SMC Techniques and Related Algorithms”** International Journal for Research in Applied Science & Engineering Technology, Volume 12, Issue 4, 2018, ISSN: 2321-9653.
28. Published a Paper title **“Implementation of segmentation techniques based on medical image”** Indian Journal of Natural Sciences, Volume 10, Issue 60, 2020, ISSN: 0976 – 0997.
29. Published a Paper title **“Big data Analytics: Theory, Applications and Research challenges”** Indian Journal of Natural Sciences, Volume 10, Issue 60, 2020, ISSN: 0976 – 0997.
30. Published a Paper title **“Implementation of Machine learning approach to Predict Heart Disease”** Indian Journal of Natural Sciences, Volume 10, Issue 60, 2020, ISSN: 0976 – 0997.
31. Published a Paper title **“Applications of Natural Language Processing using NLTK-NLP Library”** Indian Journal of Natural Sciences, Volume 10, Issue 60, 2020, ISSN: 0976 – 0997.
32. Published a Paper title **“Machine Learning in Smart Healthcare Applications-2020 and beyond”** Indian Journal of Natural Sciences, Volume 10, Issue 60, 2020, ISSN: 0976 – 0997.
33. Published a Paper title **“Semi supervised clustering method for imbalanced data classification problems”** DogoRang sang Research Journal, Volume 7, Issue 7, 2020, ISSN: 2347-7180.
34. Published a Paper title **“Medical Image Analysis Using Machine Learning and Deep Learning: Review”**, Journal of Xidian University, Volume 14, Issue 15, 2020, ISSN: 1001-2400
35. Published a Paper title **“Machine Learning Based Soil Test: Review”** Journal of Xidian University, Volume 14, Issue 15, 2020, ISSN: 1001-2400
36. Published a **Book Chapter** titled **“An Invitation to Business Analytics- Implementation of Supervised Machine Learning Algorithms”** Amazon Kindle, ISBN: 13 : 979-8555366399, October 29, 2020.
37. Published a Book chapter titled **“Artificial Intelligence and Its Applications-A Quick Review of Machine Learning for Big Data Processing”** Centurion University, ISBN/ISSN: 978-81-949112-9-6, Page: pp. 197-206, Dec-2020.

Book

Title: Enhancing Medical Diagnosis through Artificial Intelligence and Machine Learning,
COSMAS SCIENTIFIC PUBLICATIONS, ISBN: 978-81-19359-05-9, Year 2023, Pages 293.

PATENT:

1. Effective Cloud Controlled Heart Disease Management And Detection In Patients Using Machine Learning Algorithms, The Patent office journal No.44/2022 dated 04/11/22.
2. Cloud Server Based Wireless ECG Monitoring System With More Accuracy With The Help Of Machine Learning Algorithms. The Patent Office Journal No.47/2022 Dated 25/11/22.
3. Implementation of intelligent online security system with cloud server, The Patent Office Journal No. 18/2023 Dated 05/05/2023.

Workshops & Faculty Development Program:

1. Participated online FDP on Embedded Systems & IoT Applications on 4th June- 6th June 2020, organized by the Department of Electronics & Communication Engineering, VIEW in association with Embedded Systems Solutions, Bangalore.
2. TEQIP-III Sponsored Online FDP on "Recent Advancement in Signal Processing, Machine Learning and Next Generation Wireless Access Networks (RASWAN-2020)" Date: 11/06/2020 To 24/06/2020, IGIT, Sarang, Odisha.
3. Faculty Development Program on “Data Science”-ExcelR-Andhra Pradesh State Skill Development

Corporation, 01-June– 2020 to 30-06-2020.

4. Participated in international workshop on Applications of Python Programming in NLP and data science, Organised by the CSE Department, JNTU, and vizianagaram association with CSI on 4th October 2020.
5. Participated in IEEE webinar titled "Intelligent Analysis of Brain Images" by Prof. Sushmita Mitra, IEEE CIS Distinguished Lecturer and the current Chair Elect, IEEE Kolkata Section on October 5, 2020 jointly organized by IEEE WIE, Bhubaneswar Sub-Section and SOA, Deemed to be University, Bhubaneswar.
6. Five Day online FDP on Recent Advances in Health 5.0 in-line with NEP 2020, organized by Aravind Gavali College of Engineering Sastra, Date: 22-26 March. 2021.
7. Attended a webinar on "Implementation of National Education Policy-2020" dated 22-5-2021, Sponsored by AICTE, New Delhi, India and organized by Department of Mechanical Engineering, SRCOE, Pune.
8. National Webinar on How to Pick your Problem Statement, jointly organized by the Department of Computer Science & Office of International Relations Dr. M.G.R. Educational and Research Institute, Chennai-600095, Tamilnadu, India on 26.05.2021.
9. One Week Faculty Development Program on Cloud computing, E&ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur), from 7th June 2021 to 12th June 2021.
10. Participated International Virtual HR Conclave organized by School of Management, JAIN (Deemed-to-be University), held on 29th May, 2021.
11. Participated in online workshop on IPR and patent filing, organized by DYPIMS, Pune on 28-05-2021.
12. Participated in National Level Questionnaire on "Online Teaching and Learning Method" on 09/06/2021 Organized by the Department of Computer science, Kamla Nehru Mahavidyalaya, Nagpur.
13. Participated in webinar on Research Article writing, organized by Arasu Engineering College, Kumbakonam, on 18-05-2021.
14. Participated in a Webinar on "Data Science Approach for Mechanical Engineers" held on 04th June 2021, organized by the Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukhi.
15. Attended an online Faculty Development Program on "Research Paper Writing" organized by Department of Electrical and Electronics Engineering, Lords Institute of Engineering and Technology on 5th of June 2021.
16. One Week Faculty Development Program on Python, E&ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur), from 14 June 2021 to 19 June 2021.
17. One Week Faculty Development Program on Machine Intelligence For Computer Vision organized by the Department of Computer Science And Engineering from 28.02.2022 to 05.03.2022, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai – 600127.
18. Participated in the "Online Impact Lecture Series-I", sponsored by MHRD's Innovation Cell, AICTE, organized by Institution's Innovation Cell, University College of Engineering, Adikavi Nannaya University, 30-06-2022.
19. one week Faculty Development Program on "Amazon Web Services" During the period of 22nd August 2022 to 27th August 2022 Organized by the Department of CSE, GMR Institute Of Technology, Rajam In Collaboration With Braino vision Solutions India Pvt.Ltd, Csi&All India Council For Technical Education – AICTE.
20. Participated in the AICTE Recognized Faculty Development Programme on MATLAB - Artificial Intelligence and Optimisation Techniques Conducted by Electrical Engineering Department, NITTTR Chandigarh from 21/11/2022 to 25/11/2022 (One Week) at Aditya Institute of Technology and Management, Tekkali.

21. Participated in the AICTE Recognized Faculty Development Programme on Curriculum Development Processes Conducted by Curriculum Development Centre Department from 14/11/2022 to 18/11/2022 (One Week) at Aditya Institute of Technology and Management, Tekkali.
22. Participated in the AICTE Recognized Faculty Development Programme AI/ML and Data Science for Industry 4.0 (Basic Level) Conducted by Computer Science and Engineering Department, NITTTR Chandigarh from 21/08/2023 to 25/08/2023 (One Week) at Aditya Institute of Technology and Management, Tekkali.
23. Participated in National Intellectual Property Awareness Training Program as part of the National IP Festival organized by O/o CGPDTM and CSIR under Azadi Ka Amrit Mahotsav. 1st to 31st July, 2023 National Intellectual Property Awareness Mission organized by Intellectual Property Office India and CSIR India.

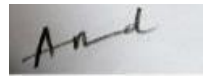
Editorial/Reviewer/Session Chair Member

1. **Editorial Board** Member of American Journal of Science, Engineering and Technology (AJSET),ISSN Print:2578-8345;ISSNOnline:2578- 8353,https://www.sciencepg.com/j/ajset,from November 8, 2022 to November 8, 2024.
2. **Reviewer and Co-Chair** Springer-2nd International Conference on Data Science and Artificial Intelligence (ICDSAI) 2023 Organized by LEIT April 24-25 2023.
3. **Editor** for the book series titled “**Futuristic Trends in Artificial Intelligence**” Iterative International Publishers (IIP) Edited Book Series 2023.
4. **Member of International Reviewer Committee**,5th International Conference on Computational Intelligence in pattern recognition, 27-28 May 2023,Organized by Techno India, EM-4/1,Sector V, Kolkata, West Bengal, India.
5. **Session** Chair “Session-9 Computational Intelligence for Data Science, Cloud Computing and Chemical Sciences” 1 st International Conference on Computing for Science, Engineering & Artificial Intelligence CSEAI 2023 17-18th November 2023, Organised by LEIT.
6. **Session** Chair “Session-4 Security and Communications”,3rd International Conference on Machine Learning and Data Science 29-30 May 2023.
7. **Scientific Committee member** for International Conference on Interdisciplinary Emerging Trends in Science and Engineering(ICIETSE-2022), 27-28 December 2022, Organized By NSRIT, Sontyam, Vizag, India in Association with Institute For Engineering Research and Publication (IFERP).
8. **Scientific Committee member** for 2nd International Conference on Research Trends in Engineering and Management(ICRTEM-22), 25-26 August 2022, Organized By R R Institute of Technology, Bangalore, India in Association with Institute For Engineering Research and Publication (IFERP).
9. **National Advisory Committee member** for International Conference on Advancements in Sustainable Technology (ICAST-2021), 17-18 December 2021, Organized By Gandhi Institute For Technology (GIFT), Bhubaneswar in Association with Institute For Engineering Research and Publication (IFERP).
10. **National Advisory Committee member** for International Conference On Research And Innovation In Science, Technology And Management (ICRISTM-22) will be held in January 07th - 08th 2022, at BEST Innovation University, Andhra Pradesh, organized by BEST Innovation University in association with IFERP.
11. **Technical Program Committee Member**, International Conference on Machine Learning And Information Processing (ICMLIP-2019), 27-28December, Organized By ISB&M School Technology, Pune.
12. **Technical Program Committee Member**, 2nd International Conference On Machine Learning And Information Processing(ICMLIP-2020),28-29November,Organized by Department Of ComputerScience&Engineering,Vardhaman College of Engineering, Hyderabad.
13. **Reviewer**, 6th IEEE international Women in Engineering conference on electrical and computer engineer (WIECON-ECE2020) Bhubaneswar, conference date:26-12-2021and27-12-2020.
14. Review Board Member in IJCSN (International Journal of Computer Science and Networks).

15. **Editorial Board Review Committee** in IJSER (International Journal of Scientific and Engineering Research).
16. **Editorial team member** in IJOART (International Journal of Advancements in Research & Technology).

PROFESSIONAL MEMBERSHIP

- ISTE, Life Member.
- Member, IAENG (International Association of Engineers)
- Life member, ISRD (International Society for Research and Development)
- Member, IACSIT (International Association of Computer Science and Information Technology).



Dr. P. Annan Naidu