

## BIO-DATA

**Name:** Dr P.AnnanNaidu

**AITAM Employee ID:** A5CSE00T89

**Designation:** Assistant Professor

**Department:** CSE

**Date of Birth:** 28.06.1985

**Father Name:** P.MalleswaraRao

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



### Academic Excellence:

2019: Ph.D. Centurion University, Odisha.

2010: M.Tech in CSE from JNTU, Kakinada.

2006: B.Tech in IT from JNTU, Hyderabad.

**Total Years of Experience:** 15 years

Period		Organization/Institution	Designation
December 1st ,2021	Till date	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

**Areas of Interest:**

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

**Research Papers Published:**

1. Published a Paper title” **Self-boosted with dynamic semi-supervised clustering method for imbalanced big data classification**” Journal: Multimedia Tools and Applications, DOI:10.1007/s11042-022-12038-4,**Springer Nature, May 20 2022.**
2. Published a paper title “**Classification of Parkinson’s disease**” Dogo Rangsang Research Journal, Vol-09 Issue-01, ISSN: 2347-7180, June-2022.
3. Presented the paper titled” **Precision Farming with IOT**” in the 3<sup>rd</sup> 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.
4. 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.
5. Published a Paper title “**A New Methodology For Software Reliability Based On Pareto Distributions**”, Solid State Technology, Volume 63,Issue 6, 2020.
6. 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.

7. 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.
8. 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.
9. 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.
10. Published a Paper title **“A Review of C-TREND Using Complete- Link Clustering for Transactional Data”** International Journal of Computer Science & Engineering Technology (IJCSET), Volume 4,Issue 7,2013, ISSN: 2239-3345.
11. Published a Paper title **“Adaptive Web Based Application Development”** International Journal Of Engineering And Computer Science, Volume 2, Issue 3,2013, ISSN: 2319-7242.
12. 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.
13. Published a Paper title **“Recent Trends In 4G Over 3G Technology”** IJRCCT, Volume 1, Issue 6, 2012, ISSN:2278-5841.
14. 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.
15. 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.
16. 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.
17. 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.
18. Published a Paper title **“Comprehensive Review on PPDM and PPDDM Techniques”** International Journal for Science and Advance Research in Technology, Volume 3, Issue12,2017, ISSN: 2395-1052.
19. 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.
20. 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
21. 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
22. 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.
23. 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.
24. 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.
25. Published a Paper title **“Semi supervised clustering method for imbalanced data classification problems”** Dogo Rang sang Research Journal, Volume 7,Issue 7,2020,ISSN: 2347-7180.

26. 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
27. Published a Paper title “**Machine Learning Based Soil Test: Review**” Journal of Xidian University, Volume 14, Issue 15, 2020, ISSN: 1001-2400
28. 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.
29. 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.

### **Workshops & Faculty Development Program:**

1. Three Day national level workshop”Recent Trends In Image Processing and Computer Vision” held at AITAM, Srikakulam, A.P, India.
2. One Day National Level Workshop” Software Testing Methodologies” held at SISTAM, Srikakulam, A.P, India.
3. One Day National Level Workshop”Ethical Hacking and Information Security” held at Centurion University, Odisha, India.
4. Two Day National level Workshop on “Android Application Development” held at Centurion University, Odisha, India.
5. Five Day (19-02-13 to 23-02-13) Infosys Campus Connect “Faculty Enablement Programme” held at Bhubaneswar Eng.College, BBSR.
6. Seven Day FDP Programme (02-05-13 to 09-05-13) held at Centurion University, Bhubaneswar campus.
7. Five Day FEP Programme (28-10-13 to 01-11-13) Infosys Campus Connect “Faculty Enablement Programme” on “Business Intelligence” held at Centurion University, Bhubaneswar campus.
8. Presented a Paper in International Conference ETCC-14, held at Centurion University, on 03-05-14.
9. Participated in International Conference ETCC-15, held at Centurion University, on 02-05-15.
10. One week “Python Programming Workshop” held at Centurion University, Bhubaneswar, 07-05-15 to 13-05-15.
11. Participated in “National Workshop on Virtual Instrumentation & Its Application in Industry” held at Centurion University, Bhubaneswar, 29/4/2016.
12. Participated One-day Symposium on “Artificial Intelligence with Deep Learning: Theory & Applications” on 29th March 2019 at CUTM, Bhubaneswar Campus.
13. Participated online FDP on Embedded Systems & IoT Applications on 4<sup>th</sup> June- 6<sup>th</sup> June 2020, organized by the Department of Electronics & Communication Engineering, VIEW in association with Embedded Systems Solutions, Bangalore.
14. Participated Webinar on "Opportunity in IT infrastructure Management and End User Services" on 7th June 2020, AISSMS, College of Engg, Pune.
15. One day Webinar on 3D Printing Technology, Organized by Integrated Intelligent Research (IIR), Chennai, Date:13-06-2020.
16. Webinar on “Insights on Data Science for Engineers”, organized by the Department of Electronics and Instrumentation Engineering, R.M.K. ENGINEERING COLLEGE., Date:13-06-2020.
17. TEQIP-III Sponsored Online FDP on "Recent Advancement in Signal Processing, Machine Learning and Next Generation Wireless Access Networks(RASWAN-

- 2020)"Date:11/06/2020To 24/06/2020, IGIT,Sarang,Odisha.
18. Faculty Development Program on "Data Science"- ExcelR- Andhra Pradesh State Skill Development Corporation ,01- June – 2020 to 30-06-2020.
  19. Five Day Online FDP on "Applied Machine Learning and Deep Learning" Organized by APSSDC and Repine Signals India Pvt.Ltd,Hyderabad. Date: 15- 06-2020 to 19-06-2020.
  20. FDP on Recent Innovative Technologies, KSR college of arts and science College, Tamil Nadu,Date:25-06-2020 to 02-07-2020.
  21. Participated in international workshop on Applications of Python Programming in NLP and datascience,Organised by the CSE Department,JNTU, vizinagaram association with CSI on 4th October 2020.
  22. 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.
  23. 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.
  24. 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.
  25. 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 26.05.202.
  26. Tree days national online FDP on ICT Tools for effective teaching learning organized by Kamal Nehru Vidyalaya, Nagpur, Date: 8-10 June 2021.
  27. 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.
  28. Participated International Virtual HR Conclave organized by School of Management,JAIN (Deemed-to-be University), held on 29<sup>th</sup> May, 2021.
  29. Participated in online workshop on IPR and patent filing, organized by DYPIMS, Pune on 28-05-2021.
  30. Participated in National Level Questionpro on "Online Teaching and Learning Method" on 09/06/2021 Organized by the Department of Computer science, Kamla Nehru Mahavidyalaya, Nagpur.
  31. Participated in webinar on Research Article writing, organized by Arasu Engineering College, Kumbakonam, on 18-05-2021.
  32. 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.
  33. 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.
  34. Participated in online Quiz on "Machine Learning and Deep learning using Python" Organized by Department of Computer Science and Engineering, SVCET Etcherla, held on 21st June, 2021.
  35. Participated in online Quiz on "Python Programming for Everyone" Organized by Department of Computer Science and Engineering SVCET Etcherla on 03rd June, 2021.
  36. 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.
  37. 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.

38. 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.

#### **Review Member/ Committee member**

- 1. 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).
- 2. 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).
- 3. 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.
- 4. Technical Program Committee Member**, International Conference On Machine Learning And Information Processing (**ICMLIP -2019**), 27-28 December, Organized By ISB&M School Technology, Pune.
- 5. Technical Program Committee Member**, 2<sup>nd</sup> International Conference On Machine Learning And Information Processing (**ICMLIP -2020**), 28 - 29 November, Organized by Department Of Computer Science & Engineering, Vardhaman College of Engineering, Hyderabad.
- 6. Reviewer**, 6th IEEE international Women in Engineering conference on electrical and computer engineer (WIECON-ECE 2020) Bhubaneswar, conference date: 26-12-2021 and 27-12-2020.
- 7. Review Board Member** in **IJCSN**(International Journal of Computer Science and Networks).
- 8. Editorial Board - Review Committee** in **IJSER**(International Journal of Scientific and Engineering Research).
- 9. Editorial team member** in **IJOART** (International Journal of Advancements in Research & Technology).
- 10. National Advisory & Reviewer** in **IJMAS** (International Journal Multidisciplinary Approach and studies).
- 11. Reviewer Team Member** in **IJERT**(International Journal of Engineering Research and Technology).
- 12. National Advisory Board** in **IJESTA** (International Journal of Engineering Studies and Technical Approach).

- 13.** Reviewer Member in(**IJCATR**) International Journal of Computer Applications Technology and Research.
- 14.** International Editorial Board Member in International Organization of Scientific Research and Development (IOSRD).



Dr.P.AnnanNaidu