

Name: **Dr.Sivala Vishnu Murthy**

Employee ID: A5CSE00T51

Designation: Professor

Father Name: Late S Brundavan Naidu

Reservation Category if Any: BC-D

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Date of Joining in the Institution: 22-Aug-2005

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph. D Area:Data Mining	JNTUK,Kakinada	-----	August 3 rd 2022
M. Tech (CSE)	JNTUK, Kakinada	Distinction	2010

Total Years of Experience (Teaching/Industry): 18 years

Period		Organization/Institution/Industry	Designation
Aug 1 st 2025	Till date	Aditya Institute of Technology and management,Tekkali	Professor and HOD, Dept of Computer Applications
July 1 st 2015	Sep 30 th 2025	Aditya Institute of Technology and management,Tekkali	Associate Professor
01-07-2010	June 30 th 2015	Aditya Institute of Technology and management,Tekkali	Sr. Assistant Professor
22-Aug-2005	30-06-2010	Aditya Institute of Technology and management,Tekkali	Assistant Professor
Jan 1 st 2005	20 th Aug.2005	APSWR college for computer Education,Visakhapatnam	Lecturer

Areas of Interest:

1. Data Mining and Ware Housing
2. Data Base Management Systems
3. Object Oriented Programming
4. Machine Learning

Guidance of Academic Projects:

- i) Doctoral Projects : -NA
- ii) Masters Projects : 06
- iii) Bachelor Projects : 06

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant
1			
2			

Funding from external agencies:

S. No.	Sponsoring Agency	Title of the Program	Grant
1			
2			

Honors and awards received: -

Memberships of Professional Societies and Other Organizations:

Life member of ISTE(LM56489)
Member CSI(No:1504929)

Other Responsibilities:

- 1. Asst.HOD (Placements and higher studies)
- 2. Dept counseling incharge.

Details of Book Publications: Authored a book “Problem Solving Through ‘C’ :A user friendly approach” Mantech Publications Pvt. Ltd. First Edition: 2020 ISBN: 978-81-945947-7-2

Details of Patents Publications:

AN ARTIFICIAL INTELLIGENCE (AI)-BASED MONITORING SYSTEM AND METHOD FOR A FOOD PROCESSING SYSTEM, Publication Date : 20/10/2023
Application No.202341065555, The Patent Office Journal No. 42/2023 Dated 20/10/2023

Details of Journal Publications:

International Journals:

- 1) Published a paper titled "Learning Subject areas by using unsupervised observation of most informative terms in text Databases" in IJERA ,Vol-2,Issue-1 Jan-Feb 2012 .pp1044-1049.Wensite:www.ijera.com,ISSN -2248-9622
Impact factor 1.69, DOI 10.1109/SECON.2004.1287904
- 2) Published a paper titled "Enhanced personalization effectiveness of PMSE by GPS patterns " in IJSETR ,vol-3, issue-44,Dec.2014 , pages 9007-9011,
DOI:10.14299/000000,ISSN-2319-8885,impact factor 3.59
- 3) "K-Means and Hierarchical clustering files on similarity measure" in IJIRP vol-02,issue-10, October 2014,pages 43-51, doi: 10.1109/DASC.2009.139,ISSN-NO-2321-2926
- 4) Proficient Algorithms for Mining Elevated Service Item Sets Commencing Transactional Databases,IJRCCT, ISSN-2278-5841,VOL-4,issue-4,April-2015, impact factor-3.751
- 5) " A Novel Rank Oriented Approach for Difficult Queries over Databases" in IJSEAT, ISSN -2331-6905, April-2016, Vol-4, issue-4, impact factor 3.6
- 6) Published a paper titled "Web Testing-for the expressive of ability and imminent tendencies" in IJSEAT,ISSN -2321-6905,March 2016,Vol.5,Issue-3.
Impact factor 3.6
- 7) Published paper titled "Quantifiable Examination and Critical Investigation of Chosen Machine Learning Algorithms for Liver Disease Diagnosis in JARDCS,Vol.10,02Special Issue 2018
- 8) "Enhanced Classifier Accuracy in Liver Disease Diagnosis Using a Novel Multi Layer Feed Forward Deep Neural Network" International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878 Volume-8 Issue-2, July 2019 ,pp :1392-1400, impact factor 5.92
- 9) "Accurate Liver Disease Prediction with Extreme Gradient Boosting" International Journal of Engineering and Advanced Technology (IJEAT), Volume-8 Issue-6, ISSN: 2249 – 8958, August 2019, pp:2288-2295, impact factor 5.97
- 10) Sivala Vishnu Murty ,Dr R Kiran Kumar (2020) "A Critical study of Adaptive Boosting and Stacking Ensemble Approaches for Liver Disease Prediction", International Journal of Research in Electronics and Computer engineering(IJRECE) .Volume-8,Issue -4,pp:38-43.
- 11) Dr Sivala Vishnu Murty, Polaki Bhujangarao. Diagnosis of chronic kidney disease using effective classification Algorithms and Recursive feature elimination techniques. Material science and technology , Vol:22 ,No10 ,**October 2023**.
DOI:10.10543/f0299.2023.41739,page 50-54.

Patents

1. An artificial intelligence (AI)-Based Monitoring System And Method For a Food Processing System, Application No.202341065555 A, Publication Date : 20/10/2023, Date of filing of Application :29/09/2023

International Conferences:

National Conference:

Details of Conferences / Workshops / Refresher Courses Organized:

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1	28 th , 29 th Dec 2007	Refresher course on “Weka: A Data mining Tool “	Aitam,Tekkali
2	11-11-2009	FDP on “Teaching Methodologies and Techniques for Engineering Faculty”	AITAM,Tekkali
3	Feb 5 th to 18 th 2010	AICTE SPONSORED Staff Development program(SDP) on “Network Security and Applications “	AITAM,Tekkali
4	20 th -22 nd Oct 2011	National workshop on “MULTICORE COMPUTING”	AITAM,Tekkali
5	19 th Jan, 2013.	A One day workshop on Outcome Based Education (In compliance with NBA Accreditation)	AITAM,Tekkali
6	25 th to 30 th April 2013	subject domain training on “Android and it’s Applications	AITAM,Tekkali
7	19 th to 21 st Sept. 2014	Training program on SPSS-Hands on Experiece	AITAM,Tekkali
8	15 th to 16 th Dec.2014	Software Engineering and Allied Tools	AITAM,Tekkali
9	4 th to 5 th Dec. 2015	Big Data and NO SQL Databases	AITAM,Tekkali
10	5 th July 2016	Intellectual Property Rights	AITAM,Tekkali
11	23 rd to 25 th June 2016	Pedagogy and Management Capacity enhancement program for Teaching staff	AITAM,Tekkali
12	20 th to 25 th Oct 2016	Analytics with R	AITAM,Tekkali
13.	10 th to 16 th June 2021	Machine Learning using Python Programming	Dept of IT,AITAM,Tekkali

Details of CERTIFICATE courses

S.No	Dates	Name of the course	Host Institution
1	5/4/2020 (8 weeks)	Python programming for everybody	Courseera, University of Michigan
2	5/1/20 (8 weeks)	Neural Networks and Deep Learning	Courseera, University of Michigan
3	Feb-Mar 2018 8 Weeks	Database Management Systems	NPTEL, IIT KHARAGPUR
4.	Aug-Oct 2019 8 weeks	Accreditation and outcome based learning	NPTEL, IIT KHARAGPUR
5	July-Oct 2023 12 weeks	Software Engineering	NPTEL, IIT KHARAGPUR

External:

S. No.	Dates	Name of The Programme	Host Institution
1	8 th to 13 th OCT.2007	Faculty Enablement Program(FEP)	INFOSYS, HYDERABAD
2	5 th – 6 th Feb 2008	Attended faculty Development Program(FDP)	L&T INFOTECH, BANGLORE
3	25 th to 26 th Nov 2011	Workshop on “Data Mining using clementine Workbench	GMRI, Rajam.
4	21 st to 28 th Oct. 2013	NASSCOM-FSIT Masters Training program	University college of engineering, O.U.
5	9 th -11 th & 16 th -18 th 2017	National workshop on Research trends in Machine Learning	JNTU-UCV Dept of IT.
6	21/11/22 to 25/11/22	MATLAB-Artificial intelligence and Optimization techniques.	NITTR, Chandigarh
7	21/8/23 to 25/08/23	AIML and Data science for industry 4.0	NITTR, Chandigarh
8	19/02/24 to 23/02/24	Machine Learning using Python	NITTR, Chandigarh

Other Achievements:

1. Ratified as Asst. Professor in 2010 in JNTUK selections.
2. Acted as resource person for the workshop “Best Practices in Programming with Python” conducted at Aditya Institute of Technology and Management, Tekkali on 6th and 7th June 2019 .

Signature