


CURRICULUM VITAE

PERSONAL DETAILS

Name:	Dr. PINAGADI. VENKATESWARA RAO	
Designation:	Associate Professor	
Educational Qualification:	B.Tech , M.E , Ph.D	
Experience:	13.5	
Area of Specialization:	Computer Science and Engineering-Machine Learning	
DOB:	26/05/1980	
Email ID:	venkat.pinagadi@gmail.com	
Contact Numbers:	6382104869	

EDUCATIONAL DETAILS

S.No	Degree	Branch/Specialization	Institution/University	Completed Year
1	Ph.D	Computer Science and Engineering/ Machine Learning	Sathyabama University	2020
2	M.E	Computer Science and Engineering	Sathayabama University	2008
3	B.Tech	Computer Science and Engineering	Aditya Engg College - JNTU	2005

WORK AND EXPERIENCE

Name & Address of the institution	Position held	Period of service
ACE Engineering College	Associate Professor	30/03/2021-Till now (4 months)
Panimalar Engineering College	Associate Professor	26.05 2010 - 18/2/2021 (10.9)
Sree Sastha Institute of Technology	Lecturer	29.06.2009-28.04.2010) (10 months)
Xtreme Infotech Software Pvt Ltd	Software Engineer	2008-2009 (1.6 months)
Total Experience		13.5 months

TECHNICAL SKILLS

S.No	Degree	Branch/Specialization
1	Programming Skills	C, C++, Python and Machine Learning.
2	Mark up Languages	HTML, XML
3	Server Side Scripting Languages	Java Script, JSP and Servlets

SUBJECTS HANDLED

CSE & IT	Machine Learning, Compiler Design, Cryptography and network Security, Data Structure, C, Python, C++, Computer Networks, Operating System, Internet Programming, Network Programming Management, Web Technology, Computer Graphics, Database Base Management System
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PUBLICATION DETAILS

International Journals & Conferences

1. **Pinagadi Venkateswara Rao & Dr. Gokul Krishnan**,2021 “An Energy Efficient Routing Protocol based on SMO Optimization in WSN”, **IEEE 6th International Conference on Proceedings of the 6th International Conference on Communication and Electronics Systems (ICCES-2021)** DVD Part Number: CFP21AWO-DVD: ISBN: 978-0-7381-1404-0 (**Scopus Indexed**)
2. **Pinagadi Venkateswara Rao, & S.Murugavalli**,2019, “CTC token parsing algorithm using keyword spotting for BLSTM based unconstrained handwritten recognition”, **Journal of Ambient Intelligence and Humanized Computing. Springer, Verlag** DOI: 10.1007/s12652-019-01458-0.(Web of Science)
3. **Pinagadi Venkateswara Rao, & S.Murugavalli**,2019, “Rectifying the Problem of Vanishing Gradient Problem using Relu Activation Function Based on BLSTM Neural Network”, **International Journal of Recent Technology and Engineering (IJRTE)** ISSN: 2277-3878, Vol.8, Issue-1. 4.
4. **Pinagadi Venkateswararao Rao & S.Murugavalli**,2016,”Unconstrained Handwriting Recognition into Text using Parser”, **International Journal of Applied Engineering Research**, ISSN 0973-4562,Vol.11, No. 4, pp. 2796-2800.
5. **Pinagadi Venkateswara Rao & S.Murugavalli**,2018, Unconstrained handwriting reorganization based on Neural Network using connectionist temporal classification token passing algorithm, **International Journal of Engineering & Technology**, Vol. 7, No. 1.9, pp. 211-216
6. **Pinagadi Venkateswara Rao, S.Jasper Preston** “ Recognition of Characters and Pattern using Neural Network” **International Journal of Recent and Innovation Trends in Computing and Communication** ISSN: 2321-8169 Volume:4 Issue: 3342-346 March 2016.
7. **Pinagadi VenkateswaraRao, Annie Ratna**, “ Data Hiding in Video Streaming by Code Word Substitution” **International Journal on Recent and Innovation Trends in Computing and Communication** ISSN:2321-8169 Volume:3 Issue:3 1157-1163 March 2015.
8. **Pinagadi Venkateswara Rao & S.Murugavalli**,2019 “Character Recognition operations of a Connectionist Temporal Classification in Neural Network”, **IEEE 2nd International Conference on Smart Systems and Inventive Technology (ICSSIT 2019)** by Francis Xavier Engineering College, November 2019 .(**Scopus Indexed**).
9. **Pinagadi VenkateswaraRao, &S.Murugavalli**,2019, “Vanshing Gradient Problem in Unconstrained Handwriting Reorganization based on BLSTM Neural Network”, **International Conference on 158 Artificial Intelligence and Machine Learning IAIM2019** School of Computing Sathyabama Institute of Science and Technology ISBN 978-93-83409-52-5.
10. **PinagadiVenkateswara Rao &S .Murugavalli**,2019,“Unconstrained Handwriting Reorganization With CTC Token Passing Algorithm Using Relu **International Conference on Computing**”, Communication and Data Engineering ccode-2019, organized by Sri Padmavati Mahila Visva Vidyalam (Women’s University).
11. **Pinagadi VenkateswaraRao**, "Automated Hydro Regulation of Crops to Utilize Renewable Resources for situation case” **International journal for research & development in technology** Volume-7, issue-3(mar-17) ISSN: 2349-3585.
12. **Pinagadi VenkateswaraRao**, "Smart Agriculture Monitoring System based on Internet of Things" **International Research Journal of Engineering and Technology (IRJET)**, Volume: 05, Issue: 03.

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SUMMER/WINTER SCHOOL PARTICIPATED

1. Completed FDP on Deep Learning and AI Applications from 21/06/2021 to 1/07/2021 Sponsored By Electronics & ICT Academy NITW.
2. Completed “PHP Certification Course” on 14/12/2017 Organized by GUVI Technologies
3. Completed NPTEL Online certification course on “Introduction to Cryptography on Jul-Aug 2017.
4. Participated in the Development Training Programme on “Cryptography and Network Security” at Panimalar Institute of Technology held on 23rd to 30th May 2016.
5. Attended “Two days Faculty Development program on Mobile Application Development” organized by Department of Information Technology held at Rajalakshmi Engineering College Chennai held on 8th -9th Nov 2016.
6. Participated in the faculty Development Training programme on “CYBER FORENSICS” Conducted by centre for cyber forensics and information Security University of Madras and IEEE information theory society held on 14th and 15th Nov 2016 at Panimalar Institute of Technology, Chennai.
7. Attend SUMMIT on “ICTACT DIGITAL YOUTH SUMMIT 2016” organized by ICTACT held on 30th Jan 2016 at BS Abdur Rahman University, Chennai.
8. Participated in “Two days Faculty Development on Cloud Computing” held on 12th & 13th May 2015 at Panimalar Institute of technology, Chennai.
9. Attended Faculty Development Training Programme on “Computer Graphics” at Panimalar Institute of Technology from 18th to 25th May 2015.
10. Attended “Five days Faculty Development on Cloud Infrastructure and Services” organized by ICTACT on 15th -19th Dec14.
11. Participated Faculty Development Program on “J2SE Programming from July 2013-July 29 2013” organized by Mahindra Institute of Technology, Thiruchengode.
12. Participated in the Workshop and Competition organized by “Tec hunt 2013-India’s 1st talent hunt for entrepreneurship on 2013”
13. Attended FDP on “Eight Days FDP on Oracle Database 11g” organized by school of Computing Science and Engineering VIT University Chennai Campus from 23rd to 30th June 2012.
14. Attended FDP on “Cloud Computing, Data Warehousing and Data mining”, organized by Panimalar Institute of Technology Computer Science and Engineering on 5th December 2012.
15. Attended Workshop on “Open Source Lab Using Boss Linux” organized by Centre for development of Advanced Computing (C-DAC), Chennai from 4th June 2013 to 6th June 2013 at “Panimalar Engineering College.

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PATENTS

- **Dr.Pinagadi Venkateswara Rao “AN AI AND IOT BASED TRAFFIC SURVEILLANCE SYSTEM FOR BIKE RIDERS AND METHOD THEREOF”, publication Number 24/2021, Date of availability: 11/06/2021, Department of Computer Science and Engineering, ACE Engineering College, Ankushapur, Ghatkesar, Hyderabad, Telangana, India.**
- **Dr.Pinagadi Venkateswara Rao ,”An AI and IoT based traffic surveillance system for bike riders and method thereof”, Department of Computer Science and Engineering, ACE Engineering College, Ankushapur, Ghatkesar, Hyderabad, Telangana, India.(patent filed)**

ACHIEVEMENTS & AWARDS RECEIVED

- **Received Gold Coin for producing 100% Result for more than 5 times**
- **Received Rs.2000 for producing more than 95% Result for each semester.**
- **Received appreciation amount for taken leave only 6 days from 10 year service.**

CONSULTANCY PROJECTS

- **Co. Investigator for the Project Title: “Design of Management Infrastructure for Virtual Organization in Health Care Grids” during the period 1.6.2013 to 26.09.2014 for the funding agency Future tech Pvt. Ltd.**

OTHER RESPONSIBILITIES HELD

- **Placement In charge more than 95% placements throughout the 10 years.**
- **Project Coordinator**
- **Time Table in charge**
- **Handling the placement classes for final year students.**
- **Played the Counsellor role to improve their academic performance.**
- **Coordinator for the Workshop “Compiler Design” during 2016-2017.**
- **Mini Project Expo Coordinator**
- **Games and NSS File in charge as well as NBA Co-curricular and Extra Curricular Incharge.**

PERSONAL PARTICULARS

DATE OF BIRTH	26.05.1980
SEX	MALE
NATIONALITY	INDIAN
MARITAL STATUS	MARRIED
FATHER NAME	P.VENKATACHALAM
PRESENT ADDRESS	PLOT NO:6 AMBUJAM NAGAR,MUTHALAMMAN KOIL STREET,PALANCHERY ,GUDUVANCHERY,CHENNAI, 603202
PERMANENT ADDRESS	Kandarada, Pithapuram, East Godavari District AP,India

Dr. PINAGADI. VENKATESWARARAO