

RESUME



Dr MURALI KRISHNA.IMMADI

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Vijayawada,
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OBJECTIVE

Seeking a challenging position in an organization where my skills are utilized in developing and maintaining projects, and provides an opportunity to learn new skills with which I could serve the organization in an effective and efficient manner.

EXPERIENCE

Having 17+ Years of Teaching Experience

- Working as an Associate professor in CSE department in PSCMR college of Engineering and Technology, Vijayawada from 2011 to till date.
- Worked as an Asst.prof in CSE department in Loyola Institute of Technology & Management from 2009 to 2011.
- Worked as an Asst.prof in CSE department in Priyadarshini Institute of Technology & Science from 2007 to 2009.

ROLES AND RESPONSIBILITIES

- Acting as a Head of the Department CSE-IoT at PSCMR CET from 2024 to till date.
- Acting as a placement trainer for the subjects (C, Python and java) since 2014 to till date at PSCMR CET
- Acted as a Co Coordinator for NPTEL Moocs program at PSCMR CET
- Acted as a NAAC-3 college and department Coordinator at PSCMR CET
- Acted as NBA-4 and 8 department Coordinator in CSE at PSCMR CET
- Acted as ISO DMR at LITAM

EDUCATION

- Awarded **Ph.D(CSE)** degree in faculty of **Computer Science and Engineering** from JNTUK, Kakinada with titled "**A Novel Framework for Early Detection of Alzheimer's Disease Prediction using Hybrid Ensemble Machine Learning Models**"
- M.Tech (CSE) (2006-2008) with **71.31%** from Jawaharlal Nehru Technological and University, Hyderabad.
- M.Sc (CS) (2003-2005) with **62.77%** from GITAM College affiliated to Andhra University, Vizag.
- B.Sc (CS) (2000-2003) with **66.44%** from N.R.K&K.S.R GUPTA Degree College, Tenali, Guntur.
- Inter (M.P.C) (1998-2000) with **64.1%** from VSR&NVR College, Tenali, Guntur.
- S.S.C (1997-1998) with **61.5%** from Nava Bharat Public School, Vijayawada.

PROFESSIONAL BODIES

- CSI-F8001902
- ISSE-LM03718
- ICSES-#3260
- IAENG-230997
- INTERNET SOCIETY-156902

Patent Details

- The patent titled" IMAGE HASHING SEARCH ENGINE WITH VP-TREES AND OPEN CV" in Indian patent. published on 07/08/2020. (Application Number-202041031170).

International Publication Details

Total number of Research publications: 16

- I. Murali Krishna, Sri Silpa Padmanabhuni, Uppaluru Sai Sri Vaishnavi, Munagala Priyanka Balaji, Sampangi Tulasi, S L Swarnamalya Anumalasetty; ALZHEIMER'S DISEASE PREDICTION USING AN ENHANCED FEATURE SELECTION OF

- Dr. SK. Akbar¹, I Murali Krishna², Vanama Kavya Sri³, Kosuri Ruchitha Sri⁴, Dhulipalla Chandra Deepika⁵; A NOVEL DETECTION AND CATEGORISATION OF WHITE BLOOD CELLS USING A DUAL CONVOLUTIONAL NEURAL NETWORK APPROACH article Journal of Data Acquisition Journal of Data Acquisition and Processing, 39,1 747-758 , 2024
- Mr Anand Thota ¹, Mr I Murali Krishna ², Atyam Meher Mani Meghana ³, Aradhyula Jayasri Rajarajeswari ⁴, Chillapalli Indu ⁵, S.V.N.K.S. Sriharsha ⁶; A HYBRID SEGMENTATION APPROACH FOR DETECTION OF TUMOR CELLS, Journal of Data Acquisition and Processing 39 1 732-746 2024
- Mr.I. Murali Krishna¹ , Mr. Sk. Akbar² , Parella Brahman³ , Chitluri Divya⁴ , Mathi Lokesh⁵, Shaik Saddam Hussain⁶; A MODIFIED FUZZY C MEAN-BASED LIVER TUMOR SEGMENTATION Decision Making: Applications in Management and Engineering 7 1 440-451 2024
- Mr. I. Murali Krishna¹ , Lingam Chandu² , Inapooru Srilalitha³ , Goda Sudheer Babu⁴, Chavvakula Durga Vinodh⁵; Early Detection of Citrus Leaf Disease using DeepLearning Model Indian Journal of Technical education, 12, 1, 2024
- I.Murali Krishna and NV Maha; "ENTROPY ANALYSIS ON THE WISCONSIS DATA USING MACHINE LEARNING MODELS" on Book Chapter of ADVANCEMENT OF MACHINE LEARNING AND ITS APPLICATION FOR PREDICTION AND CLASIFICATION", 2022
- I. Murali Krishna, Challa Narsimham, A. S. N. Chakravarthy "A Hybrid machine learning framework for biomarkers based ADNI disease prediction" Elementary Education Online, 2021; Vol 20 (Issue 3): pp. 2532-2554
- I. Murali Krishna, Challa Narsimham, A. S. N. Chakravarthy "An Optimal Feature Selection Based Ensemble Classification Model to Predict AD Disease Pattern" Solid state Technology ISSN NO : ISSN 0038-111X Vol. 63 No. 6 (2020)
- I. Murali Krishna, P. Bhavani et.al " An Effective Segmentation and modified Ada Boost CNN based classification model for fabric Fault Detection system" SSRG-IJCSE, ISSN: 2348 – 8387, 2020
- I. Murali Krishna, Narsimham, C., and Chakravarthy, A. S. N. (2021). An Effective Lossy Color Image Compression using Multi Transforms. i-manager's Journal on Image Processing, 8(1), 12-19. <https://doi.org/10.26634/jip.8.1.17875>
- I. Murali Krishna, Dr. Challa Narsimham, Dr. A. S. N. Chakravarthy "A HYBRID SEGMENTATION BASED MAJORITY VOTING AND CLASSIFICATION FRAMEWORK FOR ALZHEIMER DISEASE PREDICTION", JCR. 2019; ISSN 2394-5125 . 6(6): 376-385. [doi:10.31838/jcr.06.6.56](https://doi.org/10.31838/jcr.06.6.56)
- I. Murali Krishna , Dr. Shaik Akbar, Dr. K. Nageswara Rao , “An IoT for Door-2-Door Residential & Commercial (Waste Generating Units) Authentic Data Collection for Municipal Solid Waste”, International Journal of Recent Technology and Engineering (IJRTE), Volume -7 Issue -6S page No 365-367

- I. M. Krishna, C. Narasimham and A.S.N.Chakravarthy Published a paper on " A Novel Feature Selection based Classification Model for Disease Severity Prediction on Alzheimer's Database " journal of Advanced Research in dynamic control system, Volume 10, Issue 4 page No 245-255
- I. M. Krishna, C. Narasimham and T. B. Reddy Published a paper on "Image super resolution and contrast enhancement using curvlet's with cycle spinning , " 2016, *IEEE International Conference on Communication and Electronics Systems (ICCES)*, Coimbatore, Oct, 2016, pp. 1-6. doi: 10.1109/CESYS.2016.7889926
- I.Murali Krishna and M. Jaya Ram Published a paper on "Chaotic Based Enhanced Keyless Color Image Visual Cryptography System in JICSE, Volume 6 Issue 1 pgno 26-28,ISSN: 2278-0947 july-2016.
- Attended an international conference on computing (NECICC2K13) held on 12 and 13, July, 2013 and presented a research paper entitled "a schematic approach for Quantum based visual cryptography at NEC.

BOOK PUBLICATION DETAILS

- In 2022, Published book chapter an entitled "ENTROPY ANALYSIS ON THE WISCONSIS DATA USING MACHINE LEARNING MODELS" in edited book "ADVANCEMENT OF MACHINE LEARNING AND ITS APPLICATION FOR PREDICTION AND CLASIFICATION", ISBN:978-93-5607-149-0,IMMORTAL PUBLICATIONS.
- In 2019, Published an entitled book on "DATA COMMUNICATIONS AND COMPUTER NETWORKS" by STATE INSTITUTE OF VOCATIONAL EDUCATION, A.P. BOARD OF INTERMEDIATE EDUCATION, A.P.
- In 2019, Published an entitled book "INTERNET TECHNNNOLOGY " by STATE INSTITUTE OF VOCATIONAL EDUCATION, A.P. BOARD OF INTERMEDIATE EDUCATION, A.P.
- In 2018, Published an entitled book on "Computer Fundamentals And MS-Office" by STATE INSTITUTE OF VOCATIONAL EDUCATION, A.P. BOARD OF INTERMEDIATE EDUCATION, A.P.
- In 2018, Published an entitled book on "Problem solving And Python programming" by SCITECH publication with ISBN: 97893859833665.

Achievements

- Ratified as Asst.Professor in CSE department by JNTU, Kakinada in 2019.
- Got All India 1361 Rank in Gate-2006.
- Ratified as Asst.Professor in IT department by JNTU, Kakinada in 2010.

- Got NPTEL Online Certification in the course of “Introduction to Programming in C” with Elite+gold to secure 93%.

AWARDS/RECOGNIZATION

- On the occasion of Gandhi jayanthi Oct 2 2022 received best "**Young Teacher in Computer Science**" jury of ITAP Award honor the outstanding performance exhibited in computer science .
- Received certificate of Excellence for valuable contribution during the academic year 2017-2018 in Potti SriRamulu Chalavadi Mallikarjuna Rao College of engineering and Technology, Vijayawada.

CERTIFICATIONS

Certification on Courses	Date Certified
IIT NPTEL MENTOR CERTIFICATION in " Data Mining and Ware Housing"	2023
IIT NPTEL MENTOR CERTIFICATION in " Industrial 4.0"	2023
IIT NPTEL CERTIFICATION in " Programming, Data Structures And Algorithms Using Python"	Mar,2022
IIT NPTEL CERTIFICATION in "Introduction to Programming in C"	21/10/2015
IIT, Bombay Spoken Tutorial certification on “LATEX”	2017
IIT, Bombay Spoken Tutorial certification on “PYTHON”	2018

PROJECS HANDLED

Project #1

Title : ”SAMARASATA SEWA FOUNDATION WEBSITE WITH MOBILE APP”

MOU : SAMARASATA SEWA FOUNDATION

Role : TEAM LEAD FOR WEBSITE AND MEMBER IN APP DEVELOPMEMT

Platform: PHP

Operations Provided through Web:

1. Maintaining skill activates and registration of Dharma Pracharak
2. Maintain of Temple information and provide the facilities of Adding, Deleting, View Template details.
3. Uploading Temples Documents/Payments Receipts.
4. Temple payment status using current status of the temple like Sanctioned/Construction
5. Dharma Pracharak List/Daily Report/Attendance Report.
6. Monthly Wise Reports related to Dharma Pracharak, Temple activities & Dharma pracharak through Excel sheet.
7. Maintain Divyadarsan related information.
8. Template activities like schedule, program, execute.
9. Sessions are maintained for security oriented.

Project #2

Title : "QR BASED DOOR TO DOOR GARBAGE COLLECTION"

UNDERTAKE:

Role : TEAM LEAD FOR WEBSITE

Platform: PHP

Operations Provided through Web:

1. Maintaining door to door garbage collection for residential and commercial
2. Maintain of the data and provide sufficient privileges to the end user
3. Generate cumulative and periodic report for dry wet and garbage
4. Sessions are maintained for security oriented.

SEMINARS, WORKSHOP AND GUEST LECTURES ORGANIZED

- ❑ Organized One Week National Level workshop on "AWS Cloud Computing -2019" on 27-11-2019 To 3-12-2019 with association of Computer Society of India, PSCMR CET Student Branch.
- ❑ Recognized as a Workshop Coordinator for Two Week FDP101x on 1-10-2018 to 12-10-2018 " Foundation Program in ICT for Education" on Conduct by IITBombay under aegis of PMMMNTT, MHRD, GoI.
- ❑ Recognized as a Workshop Coordinator for Two Week FDP201x on 10-11-2018 to 25-11-2018 " Pedagogy for Online and Blended Teaching -Learning Process" on Conduct by IITBombay under aegis of PMMMNTT, MHRD, GoI.
- ❑ Organized One day National Level workshop on "Block Chain Technology" on 15-july-2017 with association of Computer Society of India, PSCMR CET Student Branch.
- ❑ Organized as a Coordinator for "Block Chain Technology" with collaboration of CSI Student Chapter, PSCMR CET held on 15-july-2017.
- ❑ Organized as a Coordinator for "Pattern based Competence Building" with collaboration of IEEE Student Chapter, PSCMR CET, held on 27/11/2017.
- ❑ Acted as a Coordinator JIGNASA-2018 held on 10-JAN-2018 in PSCMR CET.
- ❑ Organized 2 day National Level workshop on "Cyber Security" on 24-9-2018 to 25-9-2018 with association of Computer Society of India, PSCMR CET Student Branch

SEMINARS, WORKSHOP AND GUEST LECTURES ATTENDED

- ❑ **I MURALI KRISHNA, Associate Professor of pscmrct** participated & completed successfully one Week NPTEL **Online FDP** on "**Programming, Data Structures And Algorithms Using Python**" from Jan-Mar 2022.
- ❑ **I MURALI KRISHNA, Associate Professor of pscmrct** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP** on "**Internet of Things (IoT)**" from **2020-11-30** to **2020-12-4** at **Sri Sairam Engineering College**.
- ❑ Participate 2 days Webinar on Deep Learning using Auto Encoders conduct by PBS on 16 th to 17 th june 2020
- ❑ Participated one day workshop on MachineLearning in medical image analysis: Recent Advances and Future Trends organized by NEC, Narasarao pet on 6 th june 2020.
- ❑ Participate 1 days Webinar on Applications of cryptography in communication engineering conduct by GIET, Bhubaneswar on 16 th june 2020
- ❑ Participated workshop on Block chain technology from 27 th to 30 th may 2020
- ❑ Participated faculty development program on Data science using machine learning on 26-5- 2020.
- ❑ Participated and secured merit score certificate in intituled “aptitude test for faculty OBTL” on 23 rd may 2020.
- ❑ Participated webinar on drafting and publication of research articles in peer review journals on 16 th may 2020.
- ❑ Certificate of participation in 3 day online faculty development program on machine learning and artificial intelligence on 4 th may to 6 th may 2020.
- ❑ 3 days online faculty development program on ISTS cyber security and digital forensics
- ❑ Participate 7 days webinar on Global webinar series on cyber security conduct by JNTUK,UCEV on 20 th to 26 th june 2020.
- ❑ Attended 3 days National Level Technical Symposium “2nd INAE Conclave” during 23-25 March-2018 Organized by IIT, Kharagpur.
- ❑ Attended 2 day National Level workshop on “An Innovate Methods of 3D Printing” 21-22 FEB-2018 Organized by the Institute of Engineers Student Branch.
- ❑ Attended One day National Level Event on “The Largest Learnathon of India" on 03-Feb-2018Organized by PSCMR CET.
- ❑ Attended 2 days National Level workshop on “Learning Management Systems and Ed-Tools (WLMSET-2017) during 22-23 Dec.2017 Organized by Digital Monitoring Cell, JNTUK.
- ❑ Attended 1 day National Level workshop on “Block Chain Technology on 15-july-2017 Organized by Computer Society of India, PSCMR CET Student Branch.

- ☐ Attended 3 days IEEE National level Workshop on "ARDUINO AND ITS APPLICATIONS" on 05-Jan-2017 to 07- Jan-2017.
- ☐ Attended 5 day Attended 1 day IEEE technical collaborated workshop on “cloud Platform as a service” on 10th Oct.2015.
- ☐ Attended 2 Day workshop on “Cloud Computing” on 25th&26th July 2014.
- ☐ Attended 1 week FDP on “Data Structures & Advanced Data Structures” from 9th-14th Jun 2014.
- ☐ FDP on “English Communication Skills” from 3rd -7th Jun.2013.
- ☐ Attended 2 day FDP on “Innovative teaching techniques” on 10th May 2012.

COMPUTER SKILLS

Programming Languages	:	C, C++, Core Java, python
Scripting Languages	:	HTML, Java Script, PHP
Operating Systems	:	Windows10, XP, LINUX.
Data Base Applications	:	MS Access, Oracle-SQL

SUBJECTS TAUGHT

1. C&DS	2. ADS
3. OOPS	4. UNIX AND SHELL PROGRAMMING
5. CO	6. OS
7. PPL	8.CD
9. ACD	10.DAA

OTHER SKILLS

Good communication, presentation skills, ability to maintain good inter-personal relationships and Team facilitator.

PERSONAL PROFILE

Name	:	MURALI KRISHNA .I
Date of Birth	:	12/07/1983
Father Name	:	RANGANAYAKULU.I
Sex	:	Male
Marital Status	:	Married

Nationality : Indian

Languages Known : English, Telugu.

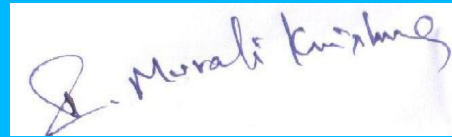
Permanent Address : C/O Ramanjaneyulu,
D.NO: 6-112-435,
Ganapavaram (post)
Nadhendla (M.D)
Chilakaluri pet,
Guntur (DT).

DECLARATION:

I hereby declare that the above information furnished is correct to the best of my knowledge. I am also confident about my ability to work as a team member.

Date: 19/11/2021

Station: Vijayawada

A handwritten signature in blue ink, reading "M. Murali Krishna", is written on a white rectangular background.

(MURALI KRISHNA.I)