CURRICULUM VITAE

Dr. DNVSLS Indira,   Mobile: 9441085760, 8317603116

Associate Professor,   Email: indiragamini@gmail.com,

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Gudlavalleru Engineering College,

Seshadri Rao Knowledge Village,

Gudlavalleru.

CAREER OBJECTIVE

To work in a competitive environment on challenging assignments that shall yield twin benefits: job satisfaction and a steady-paced professional growth in addition to contributing to the organization's growth.

EDUCATIONAL QUALIFICATIONS

2013-18: Ph.D. from Krishna University, Machilipatnam.

2011-13: M.B.A (Human Recourse Management) from Acharya Nagarjuna University, Guntur in first class with distinction (Aggregate: 71.85%).

2007-09: M.Tech in CSE from JNTUK Kakinada in first class with distinction (Aggregate: 90%).

2002-06: B.Tech in CSE from SCDE, JNTU Hyderabad in first class with distinction (Aggregate: 74.38%).

1992-95: DCME from Smt. T.K.R. Polytechnic for women , Pamarru affiliated to State Board Technical Education and Training, A.P, Hyderabad in first class with distinction (Aggregate: 78.25%).

1992: X Class from ZPPH School, Pedapadu affiliated to Board of Secondary Education, A.P, Hyderabad in first class (Aggregate: 77.33%).

TECHNICAL SKILLS

Programming Languages: C, C++, JAVA, Python, VB, Servlets
Scripting Languages   : Java Script, JSP, JQuery, VB Script
Advanced Technologies : HDFS, Map-Reduce, SPARK, Elasticsearch, Kibana
Operating Systems   : MS-DOS, Windows 2000, XP, Unix
Data Bases   : Oracle, MySQL, NoSQL Databases

WORK EXPERIENCE

1. Presently working as Associate Professor in IT Department, Gudlavalleru Engineering College, Gudlavalleru from 31.08.2018 to till date.

2. Worked as Associate Professor in CSE Department, Gudlavalleru Engineering College, Gudlavalleru from 01.06.2018 to 30.08.2018.

3. Worked as Sr. Gr. Assistant Professor in CSE Department, Gudlavalleru Engineering College, Gudlavalleru from 01-11-2012 to 31.05.2018.

4. Worked as Asst. Prof. in CSE Dept., Gudlavalleru Engineering College, Gudlavalleru from 29-05-2010 to 31-10-2012.

5. Worked as Asst. Prof. in MCA Dept., Gudlavalleru Engineering College, Gudlavalleru from 09-05-2007 to 28-05-2010.

6. Worked as Programmer in CSE Department, Gudlavalleru Engineering College, Gudlavalleru from 27-11-2000 to 08-05-2007.

7. Worked as Faculty at APTECH Computer Education, Machilipatnam from 01-08-1998 to 26-11-2000.

ACHEIVEMENTS

IN-HOUSE R&D PROJECTS

➢ "Tillage Drip: An Efficient Seed Selection and Conservative Irrigation with Crop Defective" an IOT based project for effective utilization of water resources. (Completed)

➢ "An IOT Based Fire Accident Detection and Deforestation Monitoring System using Drone" to detect the forest hazards using drone which help to cover the huge amount of forest area through the air view.

PAPERS PUBLISHED IN JOURNALS:

➢ A Modern Two Phased System for on-shelf utility Mining on Web Transactions (IJEST), ISSN : 0975-5462, Vol 3 No.7 Jul 2011,5796-5801

- Detection & Analysis of Skin Cancer Using Wavelet Techniques (IJCSIT) ISSN: 0975-9646, Vol 2(5), 2011, 1927-1932.

- A Novel Approach of THUI (Temporal High Utility Item Sets) Algorithm on on-shelf web log data (IJCSIT) ISSN: 0975-9646, Vol 2(5), 2011, 2216-2219.

- An Efficient Key Management Scheme for Heterogeneous Sensor Networks (IJCSIT)-ISSN: 0975-9646, Vol 2(5), 2011, 2343-2347.

- Analysis of web users Behavior using DBSCAN and Two-Phase Utility Mining Algorithms (IJCTT) ISSN: 2231-2803 Vol 3 Issue 1- 2012, 179-184.

- Collaborative Filtering and Random Forest classification Algorithm for PROBE Attacks Detection in a Network (IJETT) ISSN: 2231-5381 Vol 3 Issue 4- 2012, 487-491.

- "Different Techniques to Transfer Big data: a Survey" in International Journal of Engineering Research and Applications (IJERA), Vol.3, Issue 6, Nov-Dec 2013.

- "Conglomeration of Instance Filtering's k- Nearest Neighborhood and Collaborative Filtering's Item based Recommendation on Airline Dataset System using Map-Reduce and Mahout" in International Journal on Computer Science and Engineering (IJCSE)" , ISSN : 0975-3397, Page No- 194-201, Vol. 8 No.6 Jun 2016.

- "Profile Screening and Recommending using Natural Language Processing (NLP) and leverage Hadoop framework for Bigdata" in International Journal of Computer Science and Information Security (IJCSIS), ISSN: 1947-5500, Page No- 799-811, Vol. 14, No. 6, June 2016.

- "Link De-Anomalous Approaches For An Online Trending Topics System" in International Journal of Scientific Engineering and Technology Research, ISSN: 2319-8885, Volume 5, Issue 18, Page No: 3655-3659, July 2016.

- "Recommending an Item from users Opinion or Sentiment on a given Hashtag using Twitter Data", in IJIACS, ISSN 2347-8616, June 2017.

- ➤ "Joint Fortification Model for Reliable Online Rating Systems using Linear Regression", International Journal of Applied Engineering and Technology Research (IJAER), ISSN: 0973 – 4562, Volume 12, Issue 1, November 2017

- ➤ "Sentiment Classification on Twitter Data Based on Lexicon Keyword Search", IJRAR, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume 6, Issue 2, June 2019.

- ➤ "Evaluation of Television Shows Popularity based on Twitter Data using Sentiment Analysis Techniques", International Journal of Engineering and Advanced Technology, ISSN: 2249-8958 (Online), Volume-8 Issue-6S2, Page No: 892-896, Sep 2019.

- ➤ "Nutrition Analysis using Image Classification", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 8 Issue 5, Page No: 2852-2856, May 2020.

- ➤ "Automated Attendance Using Facial Recognition based on SURF Algorithm", The International Journal Of Analytical And Experimental Modal Analysis, ISSN NO: 0886-9367, Volume XII, Issue VI, Page No: 1104-1111, June 2020.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:

- ➤ "Amplifying the Polarity Categorization on Twitter Data Using Tweet Polarizer Algorithm and Emoticons Score" , 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020) during 04-05 January 2020, NIT, Surathkal, India,

- ➤ "Sentiment analysis and machine learning algorithm libraries in distributed environment: A survey", DST-PURSE(Phase II) sponsored National Conference on Recent Trends in Computing and Information Technology (RTCIT'18), during 13-14 November 2018, Annamalai University, Tamilnadu, India.

- ➢ "Detection and Classification of Trendy Topics for Recommendation based on Twitter Data on different Genre", Springer international Conference (SCI-2018), during January 27-28, 2018, PVPSIT, Vijayawada, AP, India.

- ➢ "Tillage Drip: An Efficient Seed Selection and Conservative Irrigation with Crop Defective", Springer International Conference on Smart Computing & Informatics (SCI-2017), during March 2-3, 2017, Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, AP, India.

- ➢ "Polarity Classification and Intensification based on Emoticons and POS Tagging on Twitter Data", IEEE Sponsored 4th International Conference on Innovations in Information Embedded and Communication Systems (IEEE-ICIIECS'2017), during March 17-18, 2017, Karpagam College of Engineering, Coimbatore, Tamilnadu, India.

- ➢ "Interactive Diagnosis of Nevus' Classification using FWS Model & Feature-Based Analysis" IEEE International Conference (IHCI – 2012), during Dec 27-29, 2012, Indian Institute of Technology(IIT) Kharagpur, West Bengal, India.

- ➢ A Mixed Approach of On-Shelf Utility Mining and Two-Phase Algorithm with Modern Techniques on Web Transactional Log (ICNEAC – 2011), during Jul 8-10, 2011, Swarnandhra College of Engineering, Narsapur, AP, India.

SPECIALIZATION

Data Mining, Sentiment Analysis, Big Data Analytics.

LIST OF WORKSHOPS/SEMINARS ORGANIZED:

- ➢ Coordinator for "One Day Seminar on Free and Open Source Software" by Swecha team" on 5th Feb 2011.

- ➢ Coordinator for "Intra GEC Paper Contest (COMIFEST 2K11), on 27th Nov 2011.

- ➢ Coordinator for a "Two day workshop on Database design and Design tools" by Coign computers, on 11th and 12th Jul 2012.

- Co-coordinator for "AICTE Sponsored One day National Seminar on Artificial Intelligence in Image Processing", on 29th August 2012.

- Coordinator for "Intra GEC Paper Contest on the eve of Engineers Day (COMIFEST 2K12). Conducted on 15th Nov 2012.

- Coordinator for a two day Student Development Program on "Big Data Analytics with Hadoop" Organized by Department of CSE, GEC, Gudlavalleru, during 23-24, Feb-2016

- Coordinator for a "One workshop on Curriculum Design" organized by Department of CSE, GEC, Gudlavalleru, on 6th August 2016.

LIST OF WORKSHOPS / SEMINARS ATTENDED/FDP:

- One-Week Faculty Development Program on "Internet of Things with IBM Watson" at Gudlavalleru Engineering College during 26th Nov to 1st Dec 2018.

- One-Week Faculty Development Program on "Data Science and Big Data Analytics", at Gudlavalleru Engineering College during 7th -11th May 2018.

- Two-day Faculty Improvement Program on "Amazon web Services Technical Essentials" at the Skill Development Center (SDC), Dhanekula Institute of Engineering & Technology, Ganguru, during 12th and 13th Oct 2017 Vijayawada, AP, India.

- Two-day Faculty Development Program on "Internet of Things" at Gudlavalleru Engineering College during 27-28th November 2015.

- One-Week ISTE Workshop on "Computer Networking" at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 16th to 21st June 2014.

- Two Week ISTE workshop for Teachers on "Cyber Security" in association with IIT-Bombay at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 10th to 20th July 2014.

- Ten Days workshop on "Database Management Systems" by Dr. Sudarsan Professor IIT-Bombay at Gudlavalleru Engineering College under MHRD Project (Govt. of India) during 21st - 31st May 2013.

- ➤ "AICTE Sponsored One Day National Seminar on Artificial Intelligence in Image Processing", on 29th August 2012.

- ➤ "One Day Workshop on GNU/Linux Administration" on 25th Jul 2012.

- ➤ "Two days workshop on Database Design and Design Tools" by Coign computers on 11th and 12th Jul 2012.

- ➤ "Faculty Development Program on Information Security and Ethical Hacking" conducted by Virscent Tecnologis Pvt. Ltd. in association with Entrepreneurship Cell- IIT Kharagpur on 22nd and 23rd jun 2012.

- ➤ "3-Day workshop on Android Mobile Application Development " on 27th and 29th Dec 2011.

- ➤ International Conference on "Nanoscience, Engineering and Advanced Computing (ICNEAC – 2011)" , during Jul 8-10, 2011 Narsapur, AP, India

- ➤ "Refresher Course on Formal Languages and Automata Theory and Design and Analysis Of Algorithms"

- ➤ "AICTE Sponsored 2 Day National Seminor on Intrusion Detection Using Data Mining" on 25th and 26th Feb 2010.

- ➤ "Two day workshop on MOBILE COMPUTING" on 29th and 30th oct 2010.

- ➤ "Two day Faculty Development program on Modeling and Texture Mapping using MAYA" on 3rd and 4th Dec 2010.

- ➤ "AICTE Sponsored Staff Development Program on Current Trends in Biometrics" during 2nd-14th Nov 2009.

WEBINARS:

- ➤ Participated in three day FDP Webinar on "Hadoop and Machine Learning" Organized and conducted by Dept. of CSE, Malla Reddy Institute of Technology, Sec from 18th – 20th May 2020.

- ➤ Participated in webinar on evolution of Machine Learning and Deep Larning by DON BOSCO Institute of Technology, on 30th May 2020.

- Participated in webinar on "Impact of COVID in Engineering Education & way forward organized by ISTE chapter, GEC on 9th June 2020.

- Participated in A National Level Webinar on "Intellectual Property Rights & Patents - A View" organized by IQAC, Gudlavalleru Engineering College, Gudlavalleru held during 10 - 12 August 2020.

CERTIFICATIONS

- NPTEL Certificates : DBMS- 88% (Top 2%), Introduction to R Software -90% (Elite+Gold) courses during Aug-Oct 2018.

- Participation Certificate Awarded to team "passionprogs1_gec" as a coach in Amritapuri Site Asia Region Onsite Contest on December 12, 2010 by ACM ICPC Regional Contest Asia Amritapuri Site 2010.

- Participation Certificate Awarded to team "Ultimate Debuggers" as a coach in Amrithapuri Site Asia Region Onsite Contest on December 12, 2011 by ACM ICPC Asia Amritapuri Multisite Regionals 2011.

- Microsoft Technical Associate Certificate in "Database Fundamentals" conducted by Microsoft in July-2013 with a score of 94.

STRENGTHS

- Able to work individually and also in a team.
- Willing to learn and hardworking
- Quick adaptation of new technologies.
- Self confidence, stability and consistence.

PERSONAL DETAILS

Permanent Address   : W/o G. Vijaya Saradhi
                             D.No. 30/641,
                             Mustakhan Pet, Machilipatnam
                             Krishna District, AP, India- 521001.

Phone   : 08672-229159
Date of Birth   : 29th Jul 1977
Nationality   : Indian
Marital Status   : Married

Languages Known : English, Telugu

DECLARATION

   I here by declare that all the above details furnished are correct to the best of my knowledge.

<div align="right">(DNVSLS Indira)</div>