CURRICULUM VITAE

Dr. Ram Prasad Reddy Sadi
M.Tech, Ph.D

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Career Objective

Looking to be part of an institute that gives me an opportunity to explore my skills, to be in touch with latest technologies and engage in educational reforms.

Professional Summary

Exceptionally seasoned and dedicated Engineering Professor with a strong record in both teaching and administration. Adept at explaining highly complex engineering theories and practices in a clear and accessible manner to a variety of professional and non-professional audiences. Committed to offering interested students my full attention and expertise to help further their academic and professional goals. Since 2010 I have been involved in teaching the Engineering stream. I am currently working as Associate Professor with Anil Neerukonda Institute of Technology and Sciences (A).

Academic Qualifications

- **Ph.D. in Computer Science and Engineering** from JNT University, Kakinada in June 2020.
  - **Thesis Title:** Personalized Privacy Preserving Data Publishing of Incremental Data through Optimal Generalization
- **UGC-NET – Computer Science and Applications** in 2012.
  - **Roll No.** 03870218   **Certificate No.** 121054486
- **M.Tech. in Computer Science and Technology** from Andhra University in 2008.
  - **% of Marks** – 76.75
- **MCA** from Andhra University in 1996.
  - **% of Marks** – 65.88
- **B.Sc. in Computer Science** from Dr. Lankapalli Bullayya College, Andhra University in 1993.
  - **% of Marks** – 70.33
- **Intermediate** from Shree Ram Junior College, Board of Intermediate Education in 1990.
  - **% of Marks** – 70.50
- **Matriculation** from Snow White Vidyalaya, Andhra University in 1988.
  - **% of Marks** – 76.71

Current Employment

- Working with Anil Neerukonda Institute of Technology and Sciences, as Associate Professor in the Department of Information Technology since Dec 2020.

Experience

Name and Address of the Employer	Period of Experience			Nature of work/duties
	From Date	To Date	No. of Years/Months	
Koneru Lakshmaiah Education Foundation	Feb 2020	Dec 2020	9 Months	Teaching
Vignan's Institute of Engineering for Women, Visakhapatnam	April 2011	Feb 2020	8 Years 9 Months	Teaching/HoD –CSE HoD-T&P
Aditya Institute of Technology and Management, Tekkali	Sep 2010	April 2011	8 Months	Teaching
GITAM University, Visakhapatnam	Aug 2006	May 2010	3 Years 11 Months	Teaching
Sainik School Korukonda, Vizianagaram	Dec 2003	Aug 2006	2 Years 8 Months	Teaching/Exam Cell/ Hostel
GVP College for Degree & PG Courses Visakhapatnam	July 2000	Dec 2003	3 Years 6 Months	Teaching
BS & JR Degree College, Tekkali	July 1999	July 2000	12 Months	Teaching
Viswa Bharathi Degree & PG College, Hyderabad	June 1998	April 1999	11 Months	Teaching
Avanthi Degree & PG College, Hyderabad	Sep 1997	March 1998	7 Months	Teaching

Professional Body Memberships

SNo	Professional Body	Association	Membership#
1	International Association of Computer Science and Information Technology (IACSIT)	Lifetime Member	80339917
2	Computer Science Teachers Association (CSTA)	Lifetime Member	9836672
3	International Association of Engineers (IAENG)	Lifetime Member	117074
4	The Institution of Engineers (India)	Associate Member	AM158256-1
5	Institute for Engineering Research and Publication	Professional Member	PM64390517
6	Institute of Research Engineers and Doctors (IRED)	Senior Member	SNM2021059267
7	The Society of Digital Information and Wireless Communications (SDIWC)	Member	30636

Areas of Interest

Statistics with R Programming, Advanced Data Structures, Data Warehousing & Mining, Cryptography & Network Security, Machine Learning, Python Programming

Journal Papers

- Lakshmi Siva Rama Krishna Talluri, Ragunathan Thirumalaisamy, Ramgopal Kota, **Ram Prasad Reddy Sadi**, Ujjwal KC, Ranesh Kumar Naha, and Aniket Mahanti, Providing Consistent State to Distributed Storage System, Computers 2021, ISSN: 2073-431X, Vol. 10, No. 23, Pg. 1-12.

- **Ram Prasad Reddy Sadi**, Pandu Ranga Vital Terlapu, Soumya Bonela, An Intelligent Approach for Prediction of Liver Disease using Machine Learning Models, International Journal of Emerging Trends in Engineering Research, October 2020, ISSN: 2347-3983, Vol. 8, No. 10, Pg. 6974-6983.
- **Ram Prasad Reddy Sadi**, Pandu Ranga Vital Terlapu, Personalized Publishing of Data with Multiple Sensitive Attributes based on Sensitivity Level, Solid State Technology, October 2020, ISSN: 0038-111X, Vol. 63, No. 6, Pg. 3374-3394.
- V.Valli Kumari, **Ram Prasad Reddy Sadi**, $(k,l)_f$ – Anonymity: A Federated Learning Approach for Personalized Privacy Preserving Data Publishing, Journal of Advanced Research in Dynamical and Control Systems(JARDCS), June 2020, ISSN: 1943-023X, Vol. 12, No. 6-Special Issue, Pg. 250-262.
- **S.Ram Prasad Reddy**, KVSVN Raju, V.Valli Kumari. Personalized Privacy Preserving Incremental Data Dissemination through Optimal Generalization, Journal of Engineering and Applied Sciences, 2018, ISSN:1816-949X, Vol. 13, No. 11, Pg. 4205 – 4216.
- **S.Ram Prasad Reddy**, KVSVN Raju, V.Valli Kumari. A Novel Approach for Personalized Privacy Preserving Data Publishing with Multiple Sensitive Attributes, International Journal of Engineering & Technology (UAE), 2018, ISSN: 2227-524X, Vol. 7, No. 2.20, Pg. 191-206.
- **S.Ram Prasad Reddy**, V.Valli Kumari, KVSVN Raju. Personalized Anonymization for Patient Privacy in a Mobile Health World, Journal of Advanced Research in Dynamical and Control Systems(JARDCS), Oct 2017, ISSN: 1943-023X, Vol. 9, No. 1, Pg. 362-377.
- D.Chandrika, D.Kamal Kumari, Nandita Bhanja Chaudhuri, **S.Ram Prasad Reddy**. Green Cloud –The Safe Prospect in Computing, International Journal of Applied Engineering Research (IJAER), Sep 2015, ISSN: 0973-4562, Vol. 10, No. 13 Pg. 33490 –33498 - Scopus H-Index(13)
- Nandita Bhanja Chaudhuri, D. Kamal Kumari, **S. Ram Prasad Reddy**. An Evolutionary and a Rule-Based Approach to String Transformation, Journal of Applied Information Science, December 2014, Vol. 2, No. 2 Pg. 14-28.
- N.Madhuri, **S.Ram Prasad Reddy**, S.Kalyani. Anonymization for Social Network Data using Multi-Party Access Control Mechanism, International Journal of Advanced Research in Computer Science, Nov-Dec 2013, ISSN: 0976-5697, Vol. 4, No. 11, Pg. 132-136.
- S.Kalyani, RVS Ratna Kumar, **S.Ram Prasad Reddy**. A Fuzzy Based Approach for Student Admission Recommendation into Seminary, International Journal of Advanced Research in Computer Science, Nov-Dec 2013, ISSN: 0976-5697, Vol. 4, No. 11, Pg. 50-53.
- BA Ganesh, Rama Janaki Ramireddy, NK Santosh, **S.Ram Prasad Reddy**. Performance Evaluation of Linear Regression and Neural Networks on Forecasting Numerical Datasets, International Journal of Engineering Research & Technology, Jan- 2014, ISSN: 2278-0181, Vol. 3, No. 1, Pg. 1571-1578.
- **S.Ram Prasad Reddy**, KVSVN Raju, V.Valli Kumari. Personalized Privacy Preserving Publication of Transactional Datasets Using Concept Learning, International Journal of Machine Learning and Computing, December 2012, ISSN: 2010-3700, Vol. 2, No. 6, Pg. 733-737.
- **S.Ram Prasad Reddy**, KVSVN Raju, V.Valli Kumari. A Dynamic Programming Approach for Privacy Preserving Collaborative Data Publishing, International Journal of Computer Applications, May 2011, ISBN: 978-93-80749-35-0, ISSN: 0975-8887, Vol. 22, Issue 4, Pg. 18-23.

Conference Papers

- **S.Ram Prasad Reddy**, KVSVN Raju, V.Valli Kumari. Personalized Privacy Preserving Publication of Transactional Datasets using Concept Learning, 2011 3rd International Conference on Machine Learning and Computing (ICMLC 2011), February 26-28, 2011, Singapore. IEEE Catalog Number: CFP1127J-ART, ISBN: 978-1-4244-9253-4, Vol. 5, Pg. 340-344, Published by IEEE.
- **S.Ram Prasad Reddy**, V.Valli Kumari, KVSVN Raju. s-Tuple Inclusion – A New Method for Privacy Preserving Publication of Datasets, The 2010 International Conference on Data Mining, July 12-15, 2010, Las Vegas, USA, Proceedings of WORLDCOMP'10, CRSEA Press, Pg. 206-212.
- S.Sreenivasa Rao, **S.Ram Prasad Reddy**, KV Ramana, V.Valli Kumari, KVSVN Raju. Privacy Preserving Sharing of Data, The 2009 International Conference on Data Mining, July 13-16, 2009, Las Vegas, USA, Proceedings of WORLDCOMP'09,   Pg. 131-137.
- V.Valli Kumari, **S.Ram Prasad Reddy**, M.Aruna Sowjanya, B.Jhansi Vazram, KVSVN Raju. A Novel Approach for Privacy Preserving Publication of Data, The 2008 International Conference on Data Mining, July 14-17, 2008, Las Vegas, USA, Proceedings of WORLDCOMP'08, Vol. 2, Pg. 506-512.

Conferences/Webinars/Seminars Attended

- National Level Online Seminar on *Implementation on National Education Policy – 2020* by JUTUH College of Engineering , Jagtial, March 31, 2021.
- Seminar on *MATLAB & Simulink for Engineering Education*, MathWorks India, February 26, 2015, Visakhapatnam.
- Seminar on *MATLAB & Simulink for Engineering Education*, MathWorks India, February 7, 2013, Visakhapatnam.
- Paper on *Fuzzy Clustering Based Cultivation for the Rural Sector*, National Seminar on Corporate e-Governance – 2011 Organized by Computer Society of India, Vizag Chapter, February 26-28, 2011.
- Participated in *The Power of IBM DB2 (1st November, 2010)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Participated in *Modern Driven Systems Development using Raphsody (29th October, 2101)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Participated in *Unleash the Power of Web 2.0 with WebSphere Portal (28th October, 2010)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Participated in *Industry Solutions from IBM (27th October, 2010)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Participated in *Integrated Service Management (26th October, 2010)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Participated in *Greater Confidence and Improved Business Performance with Software Quality Done (25th October, 2010)*, IBM Webathon 2010 "Skill Marathon on the Web", October 19-November 1, 2010.
- Southern Regional Conference – 2010 on *Advances in Information and Communication Technology*, January 28-30, 2010, Computer Society of India, Visakhapatnam Chapter,

Visakhapatnam.

Faculty Development Programmes Attended

- Online FDP on **Multi Technology**, Vignan's Institute of Engineering for Women, Visakhapatnam in collaboration with Brain-O-Vision & National Youth Council of India, June 28 – July 3, 2021.
- One Week Short Term Training Program (STTP) on **AI, ML and Deep Learning**, under AICTE-MODROB(Online), Textile and Engineering Institute, Ichalkaranji, June 21-26, 2021.
- Online Elementary FDP on **Deep Learning and Computer Vision**, ATAL Academy and Kamla Nehru Institute of Technology, June 7-11, 2021.
- AICTE-ISTE Orientation/Refresher Programme on **Intelligent Learning**, Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, March 18-24, 2021.
- Online FDP on **Blockchain & Cybersecurity: A Unique fusion to untangle present-day cybersecurity challenges**, Andhra University, Visakhapatnam, during June 22-26, 2020.
- Online FDP on **AI and IoT for Medical Applications**, GMR Institute of Technology, Rajam, during June 01-03, 2020.
- Online FDP on **Data Sciences**, AICTE Training and Learning Academy at NIT Ngaland, during May 11-15, 2020.
- FDP on **IoT and Blockchain Technology**, VIEW, Visakhapatnam
- FDP on **Blockchain – The Modern Internet**, JNTUK, Kakinada, 16/08/2018.
- FDP on **Deep Learning using Python**, Vignan's Institute of Engineering for Women in collaboration with Smart Bridge Educational Services, 13-19, Nov, 2017.
- Orientation Programme on *MATLAB, Simulink & Related Tool Boxes for Engineering Education*, January 28-29, 2013, Vignan's Institute of Engineering for Women, Visakhapatnam.
- AICTE Sponsored Staff Development Programme on *Industrial Network Management*, March 02-15, 2010, GVP College of Engineering for Women, Visakhapatnam.
- FDP, February 27-28, 2010, GITAM Institute of Science, GITAM University.
- AICTE Sponsored Staff Development Programme on *Network Security and Applications*, February 05-18, 2010, AITAM, Tekkali.
- Project Shiksha (Teacher Training Programme) on *Technology for Education*, April 22-23, 2005, Sainik School, Kunjpura, Karnal (Haryana).

Certifications

- Build a Face Recognition Application Using Python as part of AI-For-India Event, GUVI.
- **Microsoft AI Classroom Series** by Microsoft
- **Machine Learning and Statistical Analysis – Applied Data Science Module: Unit II** by WORLDQUANT UNIVERSITY in partnership with THE DATA INCUBATOR (8 Weeks)
- **Scientific Computing and Python for Data Science – Applied Data Science Module: Unit I** by WORLDQUANT UNIVERSITY in partnership with THE DATA INCUBATOR (8 Weeks)
- Coursera Certification on **Python for Data Science and AI**
- Coursera Certification on **Machine Learning with Python**
- Udemy Certification **on Modern Natural Language Processing in Python**
- Coursera Certification on **Getting started with AI using IBM Watson**

- PERITUS Information Security Services certification on **Burp Suite Mastery**
- **IIEECP** certification by APSSDC and IUCEE
- NPTEL certification for **Introduction to R Software**
- NPTEL certification for **Introduction to C Programming**
- Professional certification program from IBM as an **IBM Certified Database Associate DB2 9 Fundamentals** on 10th April, 2010

Achievements

- **Sastra Award** for Research Excellence at Vignan's Institute of Engineering for Women
- Subject Expert for the preparation of Objective Type question bank for the subject **Social Networks and the Sematic Web** by JNTUK, Kakinada.
- **Faculty Mentor** in The Great Mind Challenge – 2007, A National Level Software Development Programme by IBM, IBM Academic Initiative.
- **National Merit Scholarship** from Ministry of Education and Culture (Department of Education), Government of India, on the basis of results at Matriculation examination held in May, 1988.

Workshops Attended

- AICTE-**Examination Reforms Workshop**, January 29, 2021 – February 1, 2021.
- Online **Big Data Workshop** by Edureka
- Online **Data Science Workshop** by Edureka
- Online **AI and Machine Learning Workshop** by Edureka
- Workshop on **IIEECP pre-certification** (IUCEE-APSSDC), July 31, 1-2 August, 2017, KL University, Vijayawada.
- Workshop on **Internet of Things**, September 23-24,2016, VIEW, Visakhapatnam.
- International Workshop on **Integrated Systems Health Management**, May 27-28, 2016, VIIT, Visakhapatnam.
- Workshop for **Training Resource Persons on Outcome Based Accreditation – Phase I & II**, Feb. 3, and Feb. 15-17, GMRIT, Rajam.
- Wipro *Mission10x* workshop, February 21-25, 2011, AITAM, Tekkali.
- Wipro *Mission10x* workshop on *High Impact Teaching Skills & Learning Approaches*, February 21-22, 2011, AITAM, Tekkali.
- **ISTE** workshop on **Database Management Systems**, conducted by Indian Institute of Technology Bombay, December 13-23, 2010, Remote center – Kakinada Institute Of Engineering and Technology – II, Kakinada.
- National workshop on *Recent Trends in Image and Computer Vision*, October 28-30, 2010, Departments of IT/CSE/MCA, AITAM, Tekkali.
- 2nd National workshop on *Data Engineering*, March 26, 2010, Department of Computer Science & Systems Engineering, College of Engineering (A), Andhra University, Visakhapatnam.
- One day workshop on *Distributed Database Systems*, March 9, 2010, Department of Computer Science & Systems Engineering, College of Engineering (A), Andhra University, Visakhapatnam.
- Workshop on *Climate Change – Challenges and Future Prospects*, February 9, 2010, Center for

Climate Change & Disaster Management, GIS, GITAM University.

- International Workshop on *Data Mining and Stochastic Modeling*, January 29-February 1, 2008, Department of Statistics, Andhra University, Visakhapatnam.
- Workshop on *Nation Building through Personality Development & Career Planning*, August 11-12, 2007, GITAM, Visakhapatnam.
- National Workshop on *Data Engineering*, November 29-30, 2006, Department of Computer Science & Systems Engineering, Andhra University, Visakhapatnam.

Workshops/Guest Lectures Organized

- Resource Person for the Workshop on Reforms in Assessment Process on March 13, 2021, organized by IQAC, ANITS.
- Guest lecture on Research Methodology and Article Writing
- 3 Day National workshop on IoT
- 2 Day National workshop on Computer Networking & Security
- 3 Day workshop on Android OS for students of CSE/IT
- 2 Day workshop on IOS and Mobile testing for students of CSE/IT
- 2 Day workshop on Robotics for students of CSE/IT/ECE

Reviewer for Conference/Journal Papers

- Reviewed "A Survey on Frequent Itemset Mining for Large Transactional Dataset" – **Indian Journal of Science and Technology (31-03-2021)**
- Reviewed "Intelligent Socio-Economic Status Prediction System using Machine Learning Models on Rajahmundry AP SES Dataset" – **Indian Journal of Science and Technology (20-09-2020)**
- Reviewed "Self-Created Videos for Teaching Structured Query Language (SQL) using Flipped Classroom Activity" – **ICTIEE2020 (05-10-2019)**
- Reviewed "Novel Teaching Learning and Evaluation activities for imbibing the concepts of cyber security as perennial thought-process in the learners' digital Life" – **ICTIEE2020 (05-10-2019)**
- Reviewed "An Efficient Tree Based Algorithm for Mining High Average-Utility Itemset" – Access 2019-30633 - **IEEE Open Access (11-08-2019)**
- Reviewed "Privacy Preservation for Outsourced Medical Data with Flexible Access Control" – Access 2017-12454 **– IEEE Open Access (12-02-2018)**
- Reviewed "Knowledge Graph Embedding by Dynamic Translation" – Access 207-05280 **– IEEE Open Access (11-08-2017)**
- Reviewed "Ant Colony System Sanitization Approach to Hiding Sensitive Itemsets" – Access 207-02163 – **IEEE Open Access (17-04-2017)**
- Reviewer for **ICMLC-2011**
- Reviewer for **DMIN-2011**(WORLDCOMP'11)

Additional Responsibilities

- NBA Coordinator for Department of Information Technology
- MoU with TCS for conducting various online exams
- Discharging responsibilities of Head of the Department - CSE

- Executive member of DENSE Research group (http://sites.google.com/site/densergroup)
- Organizing Technical Quizzes
- Training students for placements
- Member of the Anti-ragging committee
- Academic Monitoring Chairman
- Organizing technical symposiums
- Adjudicator for technical symposiums
- Examiner (Observer & Spot Valuation)
- Providing mentoring, advice and support to students on a personal level

Core Qualifications

- Extensive breadth of experience in engineering instruction at the college level
- Strong ability to deliver course material through a variety of teaching methods
- Excellent presentation and communication skills
- Superior creative and critical thinking abilities
- Great multitasking ability to balance teaching and administrative duties

Names and Addresses of the Referees

1) Dr KVSVN Raju, Professor
   GVP College Degree & PG Courses School of Engineering
   Rushikonda, Visakhapatnam.
   Mail-id: kvsvn.raju@gmail.com
   Mobile# 8008982226
2) Dr V Valli Kumari, Professor
   Department of CS&SE, College of Engineering, Andhra University, Visakhapatnam.
   Mail-id: vallikumari@gmail.com
   Mobile# 9440065256
3) Dr B.Prakash, Professor
   Department of Information Technology, Vignan's Institute of Engineering for Women, Vizag.
   Mail-id: Prakash.vza@gmail.com
   Mobile# 9391593939

Personal Information:

Father's Name	: KRISHNA MURTY REDDY
Date of Birth	: 17-06-1973
Permanent Address	: S/o S.Bharathi Devi,
	Maruwada (Village),
	Lakkivalasa (Post),
	Naupada (Via),
	Srikakulam – 532 211.
Nationality	: Indian
Category	: OBC (BC – A)
Marital Status	: Married

PAN No.	: BDRPS 6683J
Aadhar No.	: 8885 0627 9305
Passport No.	:T8554740
Scopus Id	: https://www.scopus.com/authid/detail.uri?authorId=26327113900
ORCID Id	: https://orcid.org/0000-0003-1815-246X
LinkedIn	: https://www.linkedin.com/in/dr-ram-prasad-reddy-sadi-11594787/
Google Scholar	: Dr. Ram Prasad Reddy Sadi - Google Scholar
Publons	: Dr. Ram Prasad Reddy Sadi	Publons

Place: Visakhapatnam

Date: 26-07-2021   **(S.RAM PRASAD REDDY)**