

RESUME

Name: Dr. D.T.V. Dharmajee Rao

Employee ID: A5CSE00T02

Designation: Professor

Department: CSE

Date of Birth: 24-06-1971

Father Name: Daketi Simhachalam

Mother Name: Late Daketi Annapurna

Reservation Category if Any: BC-D

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MVV & PAN Prasurya Apartment,
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Date of Joining in the Institution: 29-06-2002

Academic Excellence:

Qualification	Board / University	Division	Year
Ph. D. (CSE)	JNTUK, Kakinada	-	Sept. 2020
M. Tech. (CST)	AU, Vishakapatnam	FIRST class	Aug. 2001
B. Tech. (CS&SE)	GITAM, AU, Vishakapatnam	FIRST Class	Dec. 1993



Total Years of Experience: 23 Years

Period		Organization/Institution	Designation
Oct 2019	Till date	AITAM, Tekkali	Professor In-charge Finishing School, Advisor (ICT).
July 2016	Sep 2019	AITAM, Tekkali	Professor & Advisor (ICT)
Dec 2013	Jun 2016	AITAM, Tekkali	Professor
July 2006	Nov 2013	AITAM, Tekkali	Professor & Head
July 2002	June 2006	AITAM, Tekkali	Assoc. Prof. & Head
Sep 2001	June 2002	GMRIT, Rajam	Lecturer
Nov 1997	June 1999	GMRIT, Rajam	Lecturer
Nov 1996	Oct 1997	Sri GCSR College, Rajam	Lecturer
Aug 1994	Oct 1996	S.V.D. College, Parvathipuram	Lecturer

Areas of Interest:

1. Data Mining
2. Neural Networks
3. Machine Learning
4. High Performance Computing (OpenMP, MPI, PThreads, CBLAS, CUBLAS, CUDA)
5. Computer Networks
6. Database Management Systems
7. Operating Systems

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : 19
- iii) Bachelor Projects : 38

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant
-	-	-	-

Honors and awards received: -

Memberships of Professional Societies and Other Organizations:

ISTE(LM 55943), CSI(00174203), IE (I)(M-145250-3)

Other Responsibilities:

1. Member of M.Tech (CSE) Project Review Committee (PRC).
2. Convener of College Discipline Committee.
3. Member of BOS, Department of CSE, AITAM.

Details of Publications:

1. T. Snehalatha, D.T.V. Dharmajee Rao, "Utility Independent Privacy Preserving Data Mining.
2. Ch. Raj Kumar, D.T.V. Dharmajee Rao, "Image Masking Using Fractional Fourier Transforms".
3. A.V. Srinivas, D.T.V. Dharmajee Rao, "Performance Evolution of Block & stream cipher encryption algorithms".
4. R. Srikanth, D.T.V. Dharmajee Rao, "Implementation of Object Oriented Approach to Index Support for Item Set Mining (Immune)", IJMER.
5. G.R.S. Murthy, D.T.V. Dharmajee Rao, "Visual Cryptography Using Color Images" IJCSC (0973-7391) Vol. 3 No. 1, Jan-June 2012, pp-5221-226.
6. Ch. Ramya, D.T.V. Dharmajee Rao, "Efficiently Searching the Similar Content by Using Content Based Image Retrieval System", IJCST(0976-8491) Vol. 3 Issue 3 July-Sept 2012 pp-593-596.
7. B. Ramesh, D.T.V. Dharmajee Rao "Experimental Based Selection of Best Sorting Algorithm", IJMER (2249-6645), vol. 2, Issue 4, July-Aug 2012 pp-2908-2912.
8. B. Anantha Laxmi, D.T.V. Dharmajee Rao, "A Content Based Image Retrieval System Using Graphs", IJIAR (2278-7844)/#185.
9. Ch. Swarnalatha, D.T.V. Dharmajee Rao, "Resource and Quality Aware Location Anonymization Mechanism for Wireless Sensor Networks", IJMER (2249-6645)/ vol. 2 Issue 5, Sept – Oct 2012 pp 3943-3946.
10. P. Bhanu Rekha, D.T.V. Dharmajee Rao, "The new convergence for Similitude Examination of Data", IJAIR (2278-7844) / #484 / Volume 2 Issue 11 2013.
11. G.G.V.Subrahmanyam, D.T.V. Dharmajee Rao, "Determining the Cluster Labels by using Keywords based similarity measure", IJCTT-volume 4 Issue 6-June 2013.
12. Kalyan Savalapurapu , D.T.V. Dharmajee Rao , "A New approach for efficacious pattern frame in the various categories of data in mining", IJAIR (2278-7844)/#666/Volume 2 Issue 11 2013
13. Vysyaraju Pavankumar , D.T.V. Dharmajee Rao, "An evolutionary Search Approach with User Search History " IJETT- volume 15 Number 6- Sep 2014
14. Sangeetha.K, D.T.V. Dharmajee Rao, "Equivalent Entity Mining Commencing On Relative Uncertainty " IJRCCT Vol 4, Issue 4, April-2015
15. D.V.Divya Deepika , D.T.V. Dharmajee Rao, " A Generation Evolutionary Approach on Large Databases for Quality Records" IJCTT, Volume 22 Number 3-April 2015
16. Kattamuri Venkata Chandra Sekhar, D.T.V. Dharmajee Rao, "Learning Analytics for Large Scale Web Information Using Twitter " IJRCCT, Vol 5, Issue -3, March-2016
17. Kornana Manasa, D.T.V. Dharmajee Rao, "Proficient Product Quantization for Large-Scale High Dimensional Data Using Approximate Neighbor Search", IJITR(2320 - 5547), Vol. No. 5, Issue No. 3, April-May, 2017, 6505-6510.

18. Anurag Agrahari, DTV Dharmajee Rao, "A Review paper on Big Data: Technologies, Tools and Trends", IRJET (2395-0072), Vol. 4, Issue 10, Oct-2017, 640-649.
19. Anurag Agrahari, DTV Dharmajee Rao, "Association Rule Mining Using RHadoop", IRJET (2395-0072), Vol. 4, Issue 10, Oct-2017, 1-6.
20. D.T.V. Dharmajee Rao, K.V. Ramana, "Winograd's Inequality: Effectiveness for Efficient Training of Deep Neural Networks", International Journal of Intelligent systems and Applications, Vol. 10, Issue 6, June 2018, 49-58. **(Scopus Free)**.
21. D.T.V. Dharmajee Rao, K.V. Ramana, "A Novel Approach for Efficient Training of Deep Neural Networks", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 11, No. 3, September 2018, pp. 954-961. **(Scopus Paid)**.
22. D.T.V. Dharmajee Rao, K.V. Ramana, "Speeding up Training of Deep Neural Networks on Multi-Core Processors using OpenMP", Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, No. 6-Special Issue, May 2018, pp. 556-565. **(Scopus Free)**.
23. D.T.V. Dharmajee Rao, K.V. Ramana, "Accelerating Training of Deep Neural Networks on GPU using CUDA", International Journal of Intelligent systems and Applications, vol. 11, no. 5, pp. 18-26, 2019. DOI: 10.5815/ijisa.2019.05.03 **[FREE JOURNAL]**
24. J. Jaya Krishna, D.T.V. Dharmajee Rao, "Innovating the Different Trends and aggregating the retweet count from the live Twitter Streams", Journal of Advanced Research in Dynamical and Control Systems, Vol. 11, No. 02-Special Issue, May 2019, pp. 2364-2372. **(Scopus Free)**.
25. Parasalli Aditya , D.T.V. Dharamajee Rao, "A Novel Product Relevance Model for Business Growth Using Social Networks", IOSR Journal of Engineering (IOSRJEN), Vol. 10, Issue 4, April 2020, PP 09-17.

Details of Conferences / Workshops / Refresher Courses Organized:

1. A Five Day International Workshop on REIMAGINE STEM on 3rd -7th AUGUST 2015
2. A Three-Day National Workshop on Introduction to Support Vector Machines with Applications on 16th -18th AUGUST, 2012.
3. A One-Day Refresher Course on Industrial Interaction Program on 19 July, 2012.
4. A three day Natkional workshop on "Multicore Computing: Hands on Exposure to Practical Open MP Programming", 20 to 22 Oct 2011.
5. A Three Day Refresher Course on Essential Foundations For Teaching and Researching Artificial Neural Networks: A Hands-on Training with Practical Examples From CSE, IT, ECE, EEE, EIE, Mech. and Allied Engg. Branches on Jan 8-10, 2010.
6. A Two-Day Refresher Course on Practical UNIX TCP/IP Programming on 6th - 7th August, 2010.
7. A Three-Day National Workshop on Recent Trends in Image and Computer Vision Research 28th - 30th, October 2010.
8. A Two-Day National Workshop on Open Software & IBM Technologies on 23rd and 24th May 2008.
9. A Three-Day Refresher Course on Research Methodologies in Engineering: Current Perspective and Prospectus Aug 23-25, 2008.
10. AICTE sponsored Three-Day seminar on Frontiers in Classification Algorithms for Data Mining Dec 26-28, 2008.
11. Refresher Course on WEKA: A Data Mining Tool, 28th-29th Dec'2007.

Details of Conferences / Workshops / Refresher Courses Attended:**Internal:**

S. No.	Dates	Name of The Programme	Host Institution
1	20 th – 22 nd Dec, 2007	Emerging Trends in Image, Video Communications, Standard and Protocols	AITAM, Tekkali
2	28 th & 29 th Dec, 2007	WEKA: A Data Mining Tool	AITAM, Tekkali
3	23 rd – 25 th Aug, 2008	Research Methodologies in Engineering: Current Perspective and Prospectus	AITAM, Tekkali
4	29 th & 30 th Aug, 2008	Applications of Mathematics relate to Engineering Organized	AITAM, Tekkali.
5	23 rd & 24 th May 2008	open Software & IBM Tech	AITAM, Tekkali
6	26 th – 28 th Dec, 2008	Frontiers in Classification Algorithms for Data Mining	AITAM, Tekkali
7	8 th -10 th Jan, 2010	Essential Foundations of Teaching and Researching Artificial Neural Networks	AITAM, Tekkali
8	5 th to 18 th Feb, 2010	Network Security and Applications	AITAM, Tekkali
9	2 nd – 6 th Mar, 2010	Soft Computing	AITAM, Tekkali
10	28 th – 30 th Oct, 2010	Recent Trends in Image and Computer Vision Research	AITAM, Tekkali
11	19 th Oct to Nov 01, 2010	Skill Marathon on the Web	AITAM, Tekkali
12	20 th – 22 nd Oct, 2011	Multi-core Computing Hands on Exposure To Practical open MP Programming	AITAM, Tekkali
13	19 th Jan, 2013	Outcome Based Education (In compliance with NBA Accreditation)	AITAM, Tekkali
14	21 st – 22 nd Feb, 2013	Cloud Computing and its Applications	AITAM, Tekkali
15	1 st -2 nd Mar, 2013	Advances in Signal and Image Processing (ASIP-2013)	AITAM, Tekkali
16	25 th – 30 th April, 2013	Android & Its Application (AIA-2013)	AITAM, Tekkali
17	8 th – 10 th Jan, 2014	Frontiers in Machine Learning Algorithms	AITAM, Tekkali
18	15 th & 16 th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
19	15 th – 16 th Dec, 2014	Software Engineering and Allied Tools in Association with IUCEE, under TEQIP Phase-II	AITAM, Tekkali

20	09 th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
21	3 rd -7 th Aug 2015	5 Day International Workshop on REIMAGINE STEM, Under TEQIP Phase-II	AITAM, Tekkali
22	4 th – 5 th Dec, 2015	Hands-On experience on “BIG DATA and NOSQL DATABASES” under TEQIP – II	AITAM, Tekkali
23	20 th – 25 th Oct, 2016	A One Week Faculty Development Program on “ANALYTICS WITH R”	AITAM, Tekkali
24	23 rd -25 th June 2016	3 Day Training on Pedagogy and Management Capacity Enhancement Program for Teaching Staff Under TEQIP Phase-II	AITAM, Tekkali
25	12 to 17 November, 2018	One week FDP on “Internet of Things and Data Analytics”	AITAM, TEKKALI

External:

S. No.	Dates	Name of The Programme	Host Institution
1.	18 th – 20 th Mar, 2006	Data Warehousing and Data Mining	JNTUK, Kakinada
2.	08 th - 9 th Sep, 2007	Data Warehousing and Data Mining	JNTUK, Kakinada
3.	10 th - 11 th Apr -2008	Open Source & IBM Technologies	JITM, Orissa.
4.	24 th -26 th , Feb 2009	Object Oriented Analysis and Design using UML with Rational Rose & RUP	IBM.
5.	2 nd - 13 th Nov 2009	Think Parallel : Hands on with Embedded Multi-core Programming organized by C-DAC	JNTU, Hyderabad.
6.	6 th - 7 th , Sep 2011	Advance Computing and Networking Concepts	JNTUK, Vizianagaram
7.	15 th -18 th Oct, 2013.	Hybrid Computing: Coprocessors / Accelerators – Power – aware Computing – Performance of Application Kernels	CDAC, Pune
8.	September 24 to 30, 2013	Management Capacity Enhancement Programme	The Indian Institute of Management Indore
9	November 13 to 17, 2017	One week FDP on “Analytics with R”	GVP College of Engg. for Women, Visakhapatnam
10	Oct, 2019	One week FDP on “Accreditation and Outcome based Learning”	NPTEL-AICTE

Others:

1. Ratified as Assoc. Professor in 2007 in JNTUH selections.
2. Acted as a judge for student paper presentation at SVCE, Srikakulam in June 2011.
3. Acted as a judge for student paper presentation at PITAM, Palasa in March 2012.
4. Acted as a judge for student paper presentation at GMRIT, Rajam in August 2012.
5. Paper setter for V.R.Siddhardha Engg College (Autonomous).
6. Completed NPTEL Course “Introduction to Parallel Programming in OpenMP”, Aug-Sep 2017.
7. Completed NPTEL Course “Computer Networks and Internet Protocols”, Aug-Oct 2018.
8. Completed NPTEL Course “Accreditation and Outcome Based Learning”, Aug-Oct 2019.
9. Completed an online non-credit course “Programming for Everybody (Getting Started with Python)” authorized by University of Michigan and offered through Coursera, 05-03-2020.

Contribution to the college:

1. Rendering my service since inception of the AITAM.
2. Served the CSE Department as HOD for 12 years (2002 - 2013).
3. During my tenure of HOD, Department got accredited in 2009 and reaccredited in 2013 by NBA. The college got accredited by NAAC and also got Autonomous status in 2013.
4. Acted as Convener, Grievance Redressal Cell for 3 years.
5. Acting as a Convener, College Discipline Committee.
6. Worked as Examination Cell In-charge for two years in the beginning.
7. As a ICT advisor, Procurement of Servers, Desktops, Laptops, UPS, Printers, Networking equipment, Wi-Fi equipment, CCTV, Biometric Devices, Licensed software, Campus and examination automation software, e-learning (LMS), Internet bandwidth etc.
8. As a Professor In-charge, Finishing School, the following are under my supervision.
 - Training and Placement
 - Students Activity Center (SAC) with different Clubs
 - Carrier Guidance Cell
 - Entrepreneur Development Cell



Signature