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OBJECTIVE

To bring Excellence in Technical Education through Information and Communication Technology (ICT) by contributing to Teaching, Research and Administration.

PROFESSIONAL EXPERIENCE

Dec 2016 – Present

Annamacharya Institute of Technology and Sciences (Autonomous)-Rajampet, Andhra Pradesh, India

Associate Professor

Head of the Department in Information Technology

- Working as Associate Professor and Head of the Department in the Department of Information Technology, from 08-12-2016 to Till Date….

- Teaching subjects at UG and PG levels.

April 2007 – Dec 2016

Annamacharya Institute of Technology and Sciences (Autonomous)-Rajampet, Andhra Pradesh, India

Assistant Professor

- **Position is ratified** by the University Staff Selection Committee, Jawaharlal Nehru Technological University Anantapur (**JNTUA**), Anatapuramu, Andhra Pradesh in **September 2010.**

- Worked as Assistant Professor in Department of Computer Science and Engineering, from 13-04-2007 to 07-12-2016

- Handled subjects at UG and PG levels.

EDUCATIONAL QUALIFICATIONS

2016   **Ph.D in Computer Science and Engineering,**

Jawaharlal Nehru Technological University (JNTU), Hyderabad – India

Title of the Thesis: Association Rule Mining on Progressive and High Dimensional Data.

2008   **M.Tech in Computer Science and Engineering,**

First Class with Distinction,

Jawaharlal Nehru Technological University (JNTU), Hyderabad – India

2004   **B.Tech in Computer Science and Engineering,**

First Class,

Sri Venkateswara University (SVU), Tirupati, -- India

2000   **Intermediate**

First class with Distinction

State Board of Intermediate Education, Andhra

Pradesh

1998   **S.S.C**

First class with Distinction

State Board of Secondary Education, Andhra Pradesh

ADDITIONAL RESPONSIBILITIES

- APSSDC -SPOC, for AITS, Rajampet from 2017 onwards.
- Nodal Officer for National Institutional Ranking Framework (NIRF) at AITS, Rajampet for NIRF-17 and NIRF-18.
- Board of Studies (BOS) member for the Department of CSE, AITS, Rajampet during 2014 - 2016.
- Co-ordinator for AITS-IEEE Student Branch from 2014 - 2017.
- Department Co-ordinator for Quality Circles, AITS, Rajmapet during 2015-2016.
- Incharge for Asoociation of Computing Sciences (ACS) for AITS, Rajampet during 2010-2015.
- Additional co-coordinator for Wipro Mission 10X program at AITS, Rajampet.

CERTIFICATION IN PEDAGOGICAL TRANING & CREDITS

Technical Training

- MxLA & Advanced MxLA Training On Mission 10X Learning Approach by Mission 10X, Wipro Technologies, Bangalore, India.

- DALE CARNEGIE TRAINING On High Impact Teaching Skills by Mission 10X, Wipro Technologies, Bangalore, India.

RESEARCH ATCIVITIES AND PUBLICATIONS

Achievements and Awards

- Received **Best Paper Award** for, "Efficient and Accurate Discovery of Colossal Pattern Sequences from Biological Datasets: A Doubleton Pattern Mining Strategy(DPMine)", in **Elsevier Eleventh International Multi-Conference on Information Processing (IMCIP)-2015** during 21-23, August 2015, Bengaluru.

- Received **Best Paper Award** for "D-Mine: Accurate Discovery of large Pattern Sequences from Biological Datasets" in **Springer International Conference on Soft Computing Systems** held during 20-21, April 2015, Kanya Kumari.

Technical Support and Participation

- **Reviewer** – for 15th International Conference on Advanced Computing Technologies (**ICACT – 2013**) Sponsored by **IEEE**, **Hyderabad Section,** held during 21-22, September 2013 at AITS, Rajampet, Andhra Pradesh, India.

Publications in Peer Reviewed Journals

- Chenna V Suneel, K.Prasanna, M. Rudra Kumar , "Parallel mining of Frequent Itemsets using Data Partitioning and MapReduce", the proceedings of International Journal of Scientific Research in Computer Science, Engineering and Information Technology **(UGC Approved No 64718)** Volume 2 Issue 5 in 2017 with ISSN: 2456-3307.PP : 235-238.

- K.Prasanna, M.Seetha, "A Doubleton pattern mining approach for discovering colossal patterns from biological dataset", published in International Journal of Computer Applications with ISSN 0975-8887, Volume 119- Issue 21, June 2015 PP: 41-47. **[Impact Factor: 0.8]**

- K.Prasanna, M.Seetha Vinint Kumar Gunjan "DPMine: A Doubleton Pattern Mining Approach for Discovering Colossal Patterns from

Biological Dataset" International Journal of Applied Engineering Research **(Scopus Indexed)**, ISSN 0973-4562 Vol. 10 No.55 (2015). PP -1688-1693.

- K.Prasanna, M.Seetha, M.S.P.Kumar, " A Novel Approach for Mining High Dimensional Association Rules using Frequent K-Dimension Set ", published in the proceedings of International Journal of Data Mining and Knowledge Engineering, vol. 5, Issue 6, with ISSN 0974-9578, 2012. **[Impact Factor: 0.7].**

- K.Prasanna, M.Seetha." Association Rule Mining Algorithms for High Dimensional Data- a Review", published in the proceedings of International Journal of Advances in Engineering and Technology Vol. 2, Issue 1, pp. 443-454, with ISSN: 2231-1963, 2012.

- K.Prasanna, M.S.P.Kumar, G.Suraya Narayana., "A Novel Benchmark K-Means Clustering on Continuous data ", published in the proceeding of International Journal of Computer Science and Engineering, Vol. 3 No. 8 with ISSN: 0975-3397, 2011.

Publications in the Proceedings of International Conferences

- K. Uma Maheswari, K.Prasanna, " A Data Partition strategy for Large Scale Data processing on Constellation", published in the proceedings of International Conference on Research Challenges in Engineering and Technology (ICRCET-16), held at Siddharth Institute of Engineering and Technology, Puttur-AP, on 18-19 August 2016.

- Surya Narayana, G. Prasanna, K. Vasumathi, D," A new stratified immune based approach for clustering high dimensional categorical data", published in the proceedings of 2nd International Conference on Emerging trends in Electrical, Communications and Information Technologies, ICECIT-2015, in **Springer Lecture Notes in Electrical Engineering, (Scopus Indexed),** Volume 394 with DOI 10.1007/978-981-10-1540-3_15.

- K.Prasanna, M.Seetha," Efficient and Accurate Discovery of Colossal Pattern Sequences from Biological Datasets: A Doubleton Pattern Mining Strategy(DPMine)", published in the proceedings of Eleventh International Multi-Conference on Information Processing-2015 during 21-23, August 2015, Bengaluru published by **Elsevier Procedia Computer Science, (Scopus Indexed),** Volume 54. PP: 412-421.

- K.Prasanna, M.Seetha Vinit Kumar Gunjan "A Doubleton pattern mining approach for discovering colossal patterns from biological datasets" published in the proceedings of International Conference on Advances in Applied Engineering and Technology (ICAAET-2015) Organized by Syed Ammal Engineering college, Ramanathapuram, Tamilnadu, India on may 16-16, 2015.

- K.Prasanna, M.Seetha Vinint Kumar Gunjan, "D-Mine: Accurate Discovery of large Pattern Sequences from Biological Datasets" published in the proceedings of **Springer International Conference on Soft Computing Systems (ICSCS-2015)** held during 20-21, April 2015, Nagarcoil, published by **Springer Lecture Notes on Advances in Intelligent Systems and Computing Series**, **(Scopus Indexed),** Volume 397, DOI: 10.1007/978-81-322-2671-0_62, PP: 647-661.

- K.Prasanna, M.Seetha, A. P. Siva Kumar "CApriori: Conviction based Apriori Algorithm for Discovering Frequent Determinant Patterns from High Dimensional Datasets", published in the proceedings of **IEEE International Conference on Science, Engineering and Management**, IEEE ICSEMR 2014, at Veltech Multitech Dr RR and Dr SR Engineering College , Chennai, Nov 27-29, 2014 with ISBN: 978-1-4799-7613-3.

- K.Prasanna, C.Swarnalatha "P-RILI: Power Reducing Idle Listening In Wireless Networks", published in the proceedings of ASAR-ITR I**nternational Conference on Advances in Computer Science and Information Technology,** 2013, at Hyderabad, 4th August 2013 with ISBN: 978-93-82702-24-5 PP 8-11.

- K.Prasanna, M.Seetha, "Mining High Dimensional Association Rules by Generating Large Frequent K-Dimension Set", published in the proceedings of **IEEE International Conference on Data Science and Engineering** IEEE ICDSE 2012, at Cochin University of Science & Technology, Cochin, during 18-20, July 2012 with ISBN: 978-1-4673-2159-5 pp 58-63.

Publications in the Proceedings of National Conferences / Seminars

- K.Prasanna, A. chitty," A Vision Based Approach for Deep Web Data Extraction", published in the proceedings of National Conference High Performance Computing and Networking (HPCN-11), at AITS, Rajampet during 13-14 august 2011 with ISBN: 978-93-81583-00-5

- K.Prasanna, M. Dooravasulu Naidu ," A Scalable Robust Authentication Protocol for Secure Vehicular Communication", in the proceedings of National Conference High Performance Computing and Networking (HPCN-11) at AITS, Rajampet, during 13-14 august 2011 with ISBN: 978-93-81583-00-5.

- K.Prasanna, Prof. M. Subba Rao ,"Efficient Algorithm for Hierarchical online Association rule mining algorithm", in the proceedings of National Conference on "Emerging trends in Engineering" at SVPCET, Puttur, Chittoor Dt, during 16-17 April, 2008.

Faculty Development Programmes (FDPs) Conducted

- Organized an invited talk on "Historical Developments in Science and Technology in modern India" by **Padma Shri Vipparthy Adimurthy,** Honorary Professor and ISRO Scientist, IIST Trivendrum, on 09-2-2018 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Organized an invited talk on "Rural Connectivity- Challenges faced and succeeded" by **Padma Shri Girish Bharadwaj**, Bridege man of India, Mangalore on 10-1-2018 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Organized an invited talk on "Future : for India and Indians" by **Padma Shri Yagnaswamy Sundara Rajan,** Distinguish Scientist and Professor, ISRO, Bangalore on 10-10-2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Organized a Guest lecture on " Instrumentation and Control System for Nuclear Power Generating Plant and Indian Scenario" by **Padma Shri Chandrakant Pithawa**, Distinguish Scientist and Director BARC, Mumnbai, on 05-09-2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Conducted a Guest lecture on "Programming in C" by Dr. C. Nagaraju, Associate Professor and Head, YVU college of Engineering, Proddatur, on 24 April 2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Organized a Guest lecture on "Network Security Essentials" by Dr. R A K Saravanaguru, Associate Professor, VIT University, Vellore, on 17-03-2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.

- Conducted a Guest lecture on "Smarty City" sponsored by AITS-IEEE-SB by Mr. Bhedeb Chakravarti, Client principal, Thought Works, Hyderabad, on 2 March 2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.
- Conducted a Guest lecture on "On-board Target Detection System" sponsored by AITS-IEEE-SB by Mrs. Madhumitha Chakravarti, Scientist, RCI, DRDO, Hyderabad, on 2 March 2017 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.
- Organized a 2-day IEEE Anantapuramu Zonal Student Congress 2015, Sponsored by IEEE during 29th and 30th December 2015 at Annamacharya Institute Technology and Sciences, Rajampet, AP.
- Organized a 1-day National Workshop on 'Panel of Conference Organizers (POCO)' Sponsored by IEEE on 30th December 2015 at Annamacharya Institute Technology and Sciences, Rajampet, AP.
- Conducted IEEE Day on 4th October 2015 sponsored by AITS-IEEE-SB at Annamacharya Institute Technology and Sciences, Rajampet, AP.
- Organized a 1-day Awareness Program on Cyber Crimes, Sponsored by IEEE on 23rd September 2015 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.
- Organized a 2-day National Workshop on Cyber Security, Sponsored by IEEE during 5 and 6 September 2014 at Annamacharya Institute Technology and Sciences, Rajampet, AP, India.
- Delivered a seminar on "The frontiers of Association Rule Mining and its challenges ", at AITS, Rajampet.

Faculty Development Programmes (FDPs) Attended

- Attended one-day workshop on "21st Century Teaching Strategies" at Jawaharlal Nehru Technological University – Anatapuramu on 16.9.2017.
- Attended one-week faculty development program on "Machine Learning: Recent Trends &Applications", Organized by the E&ICT Academy, National Institute of Technology, Warangal at the Department of CSE, G.Narayanamma Institute of Technology & Science, Hyderabad from 21st -26th November 2016.
- Attended one day faculty development program on "Implementation of Quality circles in Educational Institutions" held at Annamacharya Institute of Technology and Sciences on 23rd January 2016.

- Attended one-day workshop on "IEEE Conference Organizers Workshop (COW) 2015" organized by IEEE Hyderabad Section at Tata Consultancy Services Hyderabad on 25th April 2015.
- Attended a two-week ISTE Workshop on "Computer Networking", conducted by Indian Institute of Technology, (IIT-Bombay), Bombay from 28th May 2014 to 5th July 2014.
- Attended a One-Week Workshop on "Research Methodology", at JNTU-Hyderabad, on 16th to 22nd, January, 2012.
- Attended a Two-Day Workshop on "Research Methodology in Engineering" at Annamacharya Institute of Technology & Sciences, Rajampet on 10th and 11th December, 2011.
- Attended a Two-Day Workshop on "Research Issues in Data Mining and Usage of Related Tools" at VIT UNIVERSITY, VELLORE on 22nd and 23rd April, 2011.
- Participated in a Mission 10X workshop conducted by Wipro Technologies at Annamacharya Institute of Technology and Sciences, Rajampet from 14th February 2011 to 18th February 2011.
- Attended A Two-Day National Level Workshop on " Middleware Technologies, Data Warehousing & Data Mining Techniques" Organized by Department of CSE at Chaitanya Bharathi Intsitite of Technolgy, Proddatur, Kadapa Dt. On 26th and 27th FEB, 2010.
- Attended A Two-day National Seminar on "Next Generation Mobile Multimedia Computing and Communication", sponsored by AICTE, New Delhi and organized by Dept. of Information Technology at Sree Vidyanikethan Engineering College", A.Ragampet, Tirupathi, during 27-28 June, 2009.

Professional Body Memberships

- **MCSI (LM- 2010000078) : Life Member** of Computer Society of India – CSI.
- **MIAENG (LM-202350): Life Member** of International Association of Engineers (IAENG).
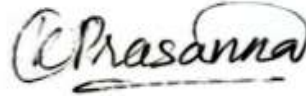
Scopus Author Details

- **Scopus Author ID :** https://www.scopus.com/authid/detail.uri?authorId=57074118700

Google Author Profile

- Google Scholar ID : https://scholar.google.co.in/citations?hl=en&user=oijtxKUAAAAJ

PERSONAL INFORMATION

Father's Name	: K. Pushpa Raju
Date of Birth	: 10th July 1983
Nationality	: Indian
Religion	: Hindu
Marital Status	: Married
Languages	: Fluent in Telugu, English and Hindi
Mobile	: +91-9848806845
Email	: prasanna.k642@gmail.com
Present Address (Office)	: Associate Professor Department of Information Technology Annamacharya Institute of Technology and Sciences, Rajampet – 516 126 , Andhra Pradesh, India
Permanent Address	: 6/131, Kothapalli (V) Proddatur (M) YSR Kadapa (dt) – 516 362, A P, India

Declaration: I, hereby, declare that the above information is *true* and *correct* to the best of my knowledge and belief.

(Dr. K. Prasanna)