



# RAYALASEEMA UNIVERSITY

(A State University Established by Govt. of Andhra Pradesh)

(Accredited by NAAC with 'B' Grade)

KURNOOL – 518007, ANDHRA PRADESH

## FACULTY PROFILE

1	Name of the Faculty	:	Dr.KANCHERLA NAGAMANI		
2	Designation	:	ASSISTANT PROFESSOR ©		
3	Department	:	COMPUTER SCIENCE		
4	Date of Birth	:	01-06-1981		
5	Date of Joining	:	SEP-2006		
6	Academic Qualifications		UG Degree	PG Degree	Research Degree
	Name of the Degree	:	B.Sc	M.Sc (Computer Science)	Ph.D
	Class / Grade Awarded	:	First Class	Distinction	Awarded
	Board / University	:	S.K.University	SKU PG Centre	Rayalaseema University
	Year of receiving Degree	:	2004	2006	2016
7	Areas of Specialization	:	COMPUTER NETWORKS & MANETS		
8	Total Experience (Yrs.)	:	Teaching	Industry	Total
			18		18
9	Papers Presented	:	National	International	Total
				13	13
10	Research Publications	:	Journals	Conferences Proceedings	Books / Chapters
	National Level	:		2	
	International Level	:	13	9	3
11	Participation in		Seminars	Conferences	Workshops
	National Level	:		2	11
	International Level	:		9	1
12	Ph.Ds. / Projects Guided	:	Completed:	105	Ongoing: 15
13	Research Projects handled	:	Major:		Minor:

14	Fellowships / Memberships	:					
15	Awards / Achievements / Any other information	:	National award of Excellence 2019				
16	Contact information	:	<table border="1"> <tr> <th>Mobile</th> <th>Email ID</th> </tr> <tr> <td>9397088071</td> <td>Kancharlamani@gmail.com</td> </tr> </table>	Mobile	Email ID	9397088071	Kancharlamani@gmail.com
			Mobile	Email ID			
9397088071	Kancharlamani@gmail.com						
17	List of Publications /Chapters/Books (APA Format)	:	<p style="text-align: center;"><b>International Journal Publications</b></p> <ol style="list-style-type: none"> <li>1. Dr.K.Nagamani &amp; Dr.N.Geethanjali: Enhancing Best Quality Cluster of Data Using Improved KL-Mean algorithm in Data Mining Pages:159166 International Journal of Data Warehousing Volume 2, Number 2., ISSN:0925-6124.</li> <li>2. Dr. G.Ravi Kumar, Dr.K.Nagamani and Dr.M.Rajeswari, “An Exploratory focus on Hyper Parameter Optimization for Image Processing utilizing Convolution Neural Networks” ,Bulletin Monumental Journal, Web of Science Journal, ISSN 0007-473X, PP:1-5, Volume 23, Issue 8, August-2022, UGC CARE Group II-Serial No:4712 &amp; Impact Factor: 6.9,</li> <li>3. Dr. G.Ravi Kumar, S.Bhaskara Naik and Dr.K.Nagamani, “An Experimental Methodology for Multi-Label Prediction utilizing Machine Learning” , International Journal of Research andAnalytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, PP:269-274, Volume9, Issue 3, July 2022, www.ijrar.org, UGC Approved - Journal No : 43602 &amp; Impact Factor:7.17. DOI: <a href="http://www.ijrar.org/IJAR22C1273.pdf">http://www.ijrar.org/IJAR22C1273.pdf</a></li> <li>4. S. Bhaskara Naik, Dr. K. Nagamani and Dr. G. Ravi Kumar, “Performance Evaluation as Data Classification Estimates as Standard Credit Card Detection”, International Journal of Advance and Innovative Research, ISSN: 2394 – 7780, Volume 9, Issue 3 (I): July - September, 2022,PP: 210-212, ISSN 2394 – 7780. DOI:<a href="https://iaraedu.com/about-journal/ijair-volume-9-issue-3-i-july-september-2022.php">https://iaraedu.com/about-journal/ijair-volume-9-issue-3-i-july-september-2022.php</a></li> <li>5. Dr. G. Ravi Kumar , Dr. K. Nagamani and Dr. G.Anjan Babu, “ A Framework ofDimensionality Reduction utilizing PCA for Neural Network Prediction”, Lecture Notes onData Engineering and Communications Technologies, Volume 37, Springer Nature SingaporePte Ltd. 2020, ISBN 978-981-15-0977-3, ISBN 978-981-15-0978-0 (eBook),<a href="https://doi.org/10.1007/978-981-15-0978-0">https://doi.org/10.1007/978-981-15-0978-0</a>, Series Editor Fatos Xhafa, Technical Universityof Catalonia, Barcelona, Spain, PP: 173 – 180.</li> <li>6. Dr. G. Ravi Kumar and Dr. K. Nagamani, “Banknote Authentication System utilizing Deep Neural Network with PCA and LDA Machine Learning Techniques”, International Journal ofRecent Scientific Research, ISSN No: 0976-3031,Volume-9,Issue-12(D), PP:30036-30038,UGC Journal No: 46629, Impact Factor: 7.383, DOI: 10.24327/IJRSR,December 2018..</li> <li>7. G. Ravi Kumar, Dr. G.A Ramachandra and K. Nagamani, ”An Efficient Feature Selection System for Integrating SVM with Genetic Algorithm for large Medical Datasets”,International Journal of Advanced Research in Computer Science and Software Engineering, Volume IV, Issue II, Pages: 272-277, ISSN 2277 128X , February -2014, www.ijarcss.com,Impact Factor : 2.5, Publisher: Advance Academic</li> </ol>				

Publisher. DOI:<https://iaraedu.com/about-journal/ijair-volume-9-issue-3-i-july-september-2022.php>

8. G. Ravi Kumar, Dr. G.A Ramachandra and K. Nagamani”, An Efficient Classification System for Medical Diagnosis using SVM”, International Journal of Latest Technology in Engineering, Management and Applied Sciences, Volume II, Issue XII, Pages: 78 -85, ISSN 2278 - 2540, December -2013, Impact Factor 3.475, [www.ijltemas.in](http://www.ijltemas.in), Publisher: Research and Scientific Innovation Society. DOI:<https://iaraedu.com/about-journal/ijair-volume-9-issue-3-i-july-september-2022.php>
9. G. Ravi Kumar Dr. G. A. Ramachandra & K. Nagamani, “An Efficient Prediction of Breast Cancer Data using Data Mining Techniques”, International Journal of innovations in Engineering and Technology, Vol. 2, Issue-4, Pages: 139-144, ISSN-2319-1058, August 2013, Impact Factor: 0.672, Publisher: SN Publishers.  
<https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=b5fd6d83d2e0a2e96152522e1df50052b8c84fd0>
10. G. Ravi Kumar Dr. G. A. Ramachandra & K. Nagamani, “An Efficient Weighted Association Rule Mining Algorithm without Pre assigned Weights”, International Journal of Contemporary Research in Management, Engineering and Health Sciences, Vol. No: 001, Issue No: 001, Pages: 500-503, ISSN-2320-1185(Feb 2013).
11. G. Ravi Kumar & K. Nagamani, “A Framework of an Association Rule Based Classification”, International Journal of Contemporary Research in Management, Engineering and Health Sciences, Vol. No: 001, Issue No: 001, Pages: 88-91, ISSN-2320-1185 (Feb 2013).
12. G. Ravi Kumar, Dr. G. A. Ramachandra & K. Nagamani, “Allocation Strategic for Detection of Data Misuse using Data Mining Techniques”, International E-Journal of Mathematics & Engineering, Volume – 2, Issue–2, Pages: 981-984,ISSN:0976-1411.
13. Dr.K.Nagamani, K.Thirupathaiah: A Study On Financial Performance Of Cement Companies In India With Special Reference To Ambuja Cements Limited And ACC Cements Limited-A Comparative Analysis Pages:33-36, Journal Of Harmonized Research in Management UGC S.No. 6611, Journal No. 64113, ISSN 2454-5384.

### Conference Proceedings

- 1) Dr.G.RaviKumar, Dr.K.VenkataSeshannaand Dr.K.Nagamani,”Performance Assessment of Supervised Learning Calculations on Credit Card Default Characterization”, Procedia of International Conference on Machine Learning and Data Analytics (ICMLDA 2020), PP:63-69, E-Book ISBN : 978-93-90471-47-8, Integrated Publications Edition: 1st Publication Year: 2021, International Conference on Machine Learning and Data Analytics (ICMLDA 2020)
- 2) G. Ravi Kumar, Dr. G. A. Ramachandra& K. Nagamani “Discovering Association Rules from Large Databases” Proceedings of International Conference on Advanced Mathematics & Computational methods (AMCM), under DST – CURIE, at Sri PadmavathiMahilaViswavidyalayam, Tirupathi, Pages10-14, Volume-II, ISBN:978-9381177-04-4(Jan 5-7th 2011)

- 3) K. Nagamani, Dr. M. V. Lakshmaiah, Dr. M. Sridevi Reddy & G. Ravi Kumar “Evolutionary Multi-Purpose Clustering for Overlapping Clusters Detection” Proceedings of 3rd International Conference on Computer Modeling and Simulation (ICCMS 2011), Pages: VI 407-VI 411, at Mumbai- IEEE, ISSN:978-1-4244-9241-1
- 4) G. Ravi Kumar, Dr. G. A. Ramachandra& K. Nagamani “Intrusion Detection System using Genetic Algorithms” Proceedings of Biannual International conference on contemporary Issues in Management and Technology, (ICIMT-2011) Volume – 1 Pages: 92-96 at Pune.ISBN:978-81-921739-2-4 (Aug 8-9th 2011)
- 5) G. Ravi Kumar & K. Nagamani, “A Framework of an Association Rule Based Classification”, International Conference on the theme What Moves the Growth? Challenges and Opportunities in Management and Engineering at Pune (February 15th to 16th 2013)
- 6) G. Ravi Kumar, Dr. G. A. Ramachandra& K. Nagamani, “An Efficient Weighted Association Rule Mining Algorithm Without Pre assigned Weights”, International Conference on the theme What Moves the Growth? Challenges and Opportunities in Management and Engineering at Pune (February 15th to 16th 2013)
- 7) Dr. G. Ravi Kumar, M. Ramanjaneyulu& K. Nagamani, “An Efficient Classification of Medical Diagnosis using KNN Method”, Proceedings of National Conference on Emerging Trends in Engineering & Technology (NCETET-2014), Volume II, PP:5 – 8, ISBN: 978-93-83459-35-3, Shri USB College of Engineering and Management, Abu Road, Rajasthan, India (March 30th 2014)
- 8) Dr. G. Ravi Kumar, Dr. M. V. Lakshmaiah and K. Nagamani, “Cloud Computing Services in Higher Education”, National Seminar on Innovations in Science Education: A Research Oriented Approach, PP: 135-137, ISBN: 978-93-82163-92-3, KVR Govt.College, Kurnool (2&3rd February 2015)
- 9) Dr. G. Ravi Kumar and Dr. K. Nagamani, “A Framework of Dimensionality Reduction utilizing PCA for Neural Network Prediction”, Proceedings of the International Conference on Data Science and Management (ICDSM-2019), Published in the book series Lecture Notes on Data Engineering and Communications Technologies of Springer Publishing House.
- 10) Dr.G. Ravi Kumar, Dr. K. VenkataSheshanna and Dr. K. Nagamani, “Sentiment Analysis for Airline Tweets utilizing Machine Learning Techniques”, The Springer International Conference on Mobile Computing and Sustainable, Informatics (ICMCSI 2020), Institute of Engineering, Tribhuvan, Nepal, 23-24 January 2020, EAI/Springer Innovations in Communication and Computing, ISSN: 2522-8595,2020 Springer Nature Switzerland AG.
- 11) Dr.G. Ravi Kumar, Dr. K. VenkataSheshanna and Dr.K.Nagamani,” Performance Assessment of Supervised learning calculations on Credit Card default characterization”, International Conference on Machine Learning and Data Analytics (ICMLDA 2020) July 18-19, 2020, Dept. of Computer Science, SV University, Tirupati

### Books / Chapters

- 1) Dr. G. Ravi Kumar , Dr. K. Nagamani and DrG.AnjanBabu, “ A Framework of Dimensionality Reduction utilizing PCA for Neural Network Prediction”, Lecture Notes on Data Engineering and Communications Technologies, Volume 37, Springer Nature Singapore Pte Ltd. 2020, ISBN 978-981-15-0977-3, ISBN 978-981-15-0978-0 (eBook), <https://doi.org/10.1007/978-981-15-0978-0>, Series Editor FatosXhafa, Technical University of Catalonia, Barcelona, Spain, PP: 173 – 180
- 2) G. Ravi Kumar, P. Murthuja, G. AnjanBabu, and K. Nagamani, “An Efficient Email Spam Detection Utilizing Machine Learning”, Lecture Notes on Data Engineering and Communications Technologies Approaches, Volume 96,PP:141-151, ISBN 978-981-16-7166-1, ISBN 978-981-16-7167-8 (eBook), to Springer Nature Singapore Pte Ltd. 2022
- 3) Dr.G. Ravi Kumar, Dr. K. VenkataSheshanna and Dr. K. Nagamani, “Sentiment Analysis for Airline Tweets utilizing Machine Learning Techniques”, The Springer International Conference on Mobile Computing and Sustainable, Informatics (ICMCSI 2020), Institute of Engineering, Tribhuvan, Nepal, 23-24 January 2020, EAI/Springer Innovations in Communication and Computing, ISSN: 2522-8595,2020 Springer Nature Switzerland AG.

#### Patent Granted:01

A Computer Vision System to Assess Autism and its Symptoms using Machine Learning and AI Techniques No. of Pages:10, 202241047458, Date:26-08-2022, No. of Claims:7.

18 Profile ID's

ORCID:<https://orcid.org/0009-0005-5679-9071>

Google Scholar Profile Link:<https://scholar.google.co.in/citations?user=7-G1eAAAAAJ&hl=en>

VIDWAN Profile ID: 611139



**SIGNATURE OF FACULTY**