

Dr.Reddi Kiran Kumar

M.Tech,Ph.D,MISTE,MIETE

Assistant Professor,
Department of Computer Science,
Krishna University,
Machilipatnam.

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Summary

- **16+ years experience in Teaching and College Administration.**
- Planned, directed, and coordinated activities of designated projects in both academic and non-academic streams.
- Guided and Developed many software tools for smooth administration of the college.
- Organized and Conducted many seminars, work-shops and training programs.
- Experience in student affairs and counseling.
- Participated in Refresher Courses and National, International seminars.

Present Position

- Working as Assistant Professor in Department of Computer Science, Krishna University, Machilipatnam since October, 2009 to till date.

Administrative Experience:

- Coordinator, Centre for Research Studies, Krishna University from 28th September, 2015.
- Head i/c, Department of Computer Science, Krishna University from 3rd June, 2015
- Coordinator, IQAC, Krishna University from January, 2014.
- Officer In-Charge (Examinations), Krishna University from October, 2011 to May, 2013.
- Director of Research Admissions, Krishna University, Machilipatnam from July, 2010 to July, 2011.
- Controller of Examinations i/c, Krishna University, Machilipatnam from December, 2010 to June, 2011.
- Member ,Board of Studies, Computer Science, Krishna University, Machilipatnam
- In charge, Computer Centre, Krishna University, Machilipatnam from December. 2010.
- Principal, AITAM School of Computer Science & Management, from May 2009 to October, 2009
- Head of the Department of MCA, AITAM, Tekkali from August, 2008 to October, 2009

Professional History

- Worked as Professor in MCA Department, AITAM, Tekkali from March, 2009 to October, 2009.
- Worked as Associate Professor in MCA Department, AITAM, Tekkali from June, 2008 to February, 2009
- Worked as Associate Professor in MCA Department, D.M.S.S.V.H College of Engineering from August 2006 to June 2008 and ratified by **Acharya Nagarjuna University.**
- Worked as Lecturer in MCA Department, D.M.S.S.V.H College of Engineering from July 2001 to August 2006 and ratified by **Acharya Nagarjuna University.**
- Worked for The Hindu College as Lecturer in Department of Computer Science and Management from July 1999 to July 2001.

Qualifications

- PhD (Computer Science and Engineering) from Acharya Nagarjuna University, India.
- M.Tech (Computer Science and Engineering) from JNTU, Kakinada, India.
- MCA (Master of Computer Applications) from Andhra University, India.
- B.Sc. from Andhra University, India.

Publications

Books:

1. Bioinformatic Analysis of Alzheimer's disease, Scholars' Press, Omni Scriptum GmbH & Co. KG, Germany, ISBN: 978-3-639-70510, December, 2013.

International Journals:

1. L.Surya Prasanthi, **R.Kiran Kumar**, ID3 and Its Applications in Generation of Decision Trees across Various Domains- Survey, *International Journal of Computer Science and Information Technologies*, Vol. 6 (6) , 2015, 5353-5357
2. Vamsidhar Enireddy, **Reddi Kiran Kumar**, Improved cuckoo search with particle swarm optimization for classification of compressed images, *Sa`dhana`* Vol. 40, Part 8, December 2015, pp. 2271–2285. c Indian Academy of Sciences, pp 2271-2285.
3. Satyanarayana Kotha, Yesubabu Adimulam, **Kiran Kumar Reddi**, Identification of Novel CDK Inhibitors by Molecular Docking and Consensus Scoring Approach, *International Journal of Computer Applications (0975 – 8887) Volume 130 – No.5, November 2015, pp24-29.*
4. N. Deepak, Yesubabu Adimulam, **Kiran Kumar Reddi**, Selective Inhibition of p38 MAPK Isoforms using Bipyrzole Derivatives: An in Silico Approach, *International Journal of Computer Applications (0975 – 8887) Volume 130 – No.2, November 2015, pp 34-40.*
5. R.Usha Rani, T.K. Ramakrishna Rao, **R.Kiran Kumar**, An Efficient Machine Learning Regression Model for Rainfall Prediction, *International Journal of Computer Applications (0975 – 8887), Volume 116 – No. 23, April 2015, pp 25-30.*
6. **Kiran Kumar Reddi et al**, Computer-aided virtual screening of Telmisartan analogues as possible CDK cell cycle inhibitors, *Int. J. Computational Biology and Drug Design, Vol. 8, No. 4, 2015, pp 359-381.*
7. Jonnadula Harikiran, B.Avinash, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, Automatic Gridding Method For Microarray Images, *Journal of Theoretical and Applied Information Technology*, 10th July 2014. Vol. 65 No.1
8. Chintagunta Ambedkar, **Kiran Kumar Reddi**, Naresh Babu Muppalaneni, Duggineni Kalyani, Application of centrality measures in the identification of critical genes in diabetes mellitus, *Bioinformation* 11(2): 090-095 (2015).
9. Enireddy.Vamsidhar, **Dr.Reddi KiranKumar**, Retrieval of Compressed Medical Images Using Data Mining Techniques, *International Journal of Engineering Trends and Technology (IJETT) – Volume 20 Number 3 – Feb 2015, pp143-148.*
10. Kiran Kumar Reddi et al., A Critical Study of Significant Classification Techniques for Diagnosis of Breast Cancer, *CiiT Data Mining and Knowledge Engineering*, Vol.6, No.7(2014), pp287-291
11. Kiran Kumar Reddi et al., Analysis on Different Software Metrics for Improvement of Software Quality, *International Journal of Science and Innovative Mathematical Research* ,Vol.2,Issue-7(A), August,2014,pp1-7.

12. Jonnadula Harikiran ,B.Avinash, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, Automatic Gridding Method for Microarray Images, Journal of Theoretical and Applied Information Technology, ISSN 1992-8645,Vol.65,No.1,pp 235-241.
13. J.Harikiran, D.RamaKrishna, B.Avinash, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, A New Method of Gridding for Spot Detection in Microarray Images, Computer Engineering and Intelligent Systems, , ISSN No.-2222-1719, Vol.5, No.3, 2014,25-33.
14. S.Sricharan,V.Suresh, Dr.J.Rajendra Prasad, T.D.Ravi Kiran, **Dr. R. Kiran Kumar**, eAuoshad: IT-based Personalized Medico Advisory System, International Journal of Computer Science and Information Technologies, ISSN No.0975-9646,Vol. No.5(2), 2014,2380-2383.
15. Satyanarayana Kotha, Yesubabu Adimulam, **Kiran Kumar Reddi**, Performance Comparison of DSDV, I-DSDV in Ad-Hoc Networks Using Random Walk Mobility Model, International Journal of Computer Science And Technology ISSN No.2229-4333,Vol. 4, Issue Spl - 4, Oct - Dec 2013, 286-290.
16. Dr.A.Yesu Babu, Deepak Nedunuri, **Kiran Kumar Reddi**, M.Krishna, M.M.Manohar, A Novel approach for Efficient Routing in MANET with Energy Routing Algorithm, International Journal of Computer Science And Technology, ISSN No.2229-4333,Vol. 4, Issue Spl - 4,Oct - Dec 2013,63-65.
17. **Kiran Kumar Reddi**, Dnvsls Indira, Different Techniques to Transfer Big data: a Survey, Int. Journal of Engineering Research and Applications, Vol. 3, Issue 6, Nov-Dec 2013, pp.708-711.
18. **R.Kiran kumar**, M.Nanchariah, B.H.H.Pavan kumar,Detection of cyber attack through probability based Data mining technique, International Journal of Engineering Research & Technology, Vol. 2 Issue 9, September – 2013,2663-2669.
19. **Kiran Kumar Reddi**, Integrating Fuzzy C-Means Clustering Technique with K-Means Clustering Technique for CBIR, International Journal of Computers and Distributed Systems, Vol. No.3, Issue III, Aug-Sep 2013,1-7.
20. **R Kiran Kumar**, Pilla Sita Rama Murty, M.V. Durga Rao, D. John Subuddhi, Learning Data: Intrusion Detection, International Journal of Computer Science And Technology, Vol. 4, Issue 3, July - Sept 2013, 192-195.
21. **Dr. Kiran Kumar Reddi** , Vallabhajosula Bala Naga Venkata Sai, A Project manager being a tenth planet managing the other nine planets of Project management for a successful project delivery, International Journal of Science, Engineering and Technology Research, Volume 2, Issue 1, January 2013,206-214.
22. **Dr. R.Kiran Kumar** , G.V.Bhanu Sai Prasad, What Challenges are to be prioritized by the Project manager to gain Stake holders or Customer's Confidence?, International Journal of Science, Engineering and Technology Research, Volume 2, Issue 1, January 2013, 96-102.
23. Vamsidhar Enireddy, **Dr. Kiran Kumar Reddi**, Application of CART and IBL for Image Retrieval, International Journal of Computer Science and Telecommunications, Volume 3, Issue 12, December 2012, 62-66.
24. B. Saichandana, M.L.Phanendra, P.Naga Srinivasu, Dr.K.Srinivas, **Dr.R.Kiran Kumar**, Denoising based Clustering Algorithm for Classification of Remote Sensing Image, JOURNAL OF COMPUTING, VOLUME 4, ISSUE 11, NOVEMBER 2012, pp. 28-35.
25. J.Harikiran, D.RamaKrishna, M.L.Phanendra, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, Fuzzy C-means with Bi-dimensional Empirical Mode Decomposition for Segmentation of Microarray Image, International Journal of Computer Science Issues, Vol. 9, Issue 5, No 3, September 2012, 316-321.
26. S.V.Achuta Rao, **Dr.Kiran Kumar Reddy**, K.Anand Kumar, A Multi-Agent Architecture for Cooperative Software Engineering, International Journal of Computational Mathematical Ideas, Vol 4-No3-pp 1001-1006 (2012).

27. G.V.Bhanu Sai Prasad, Kranthi Kumar Reddi, V.B.N.V.Sai, P.B.V.Prasad, **Dr. R.Kiran Kumar**, A study on how a project manager can deliver a quality product with reference to the requirements, International Journal of Advanced Research in Computer Science and Electronics Engineering, Volume 1, Issue 7, September 2012, 204-212.
28. J. Harikiran, M. I. Phanendra, P. Naga Srinivasu, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, Denoising Based Clustering Algorithm for Segmentation of Microarray Image, International Journal of Electronics Communication and Computer Engineering, Volume 3, Issue 6, 2012, pp 1608-1612.
29. Vamsidhar Enireddy, **Dr. Kiran Kumar Reddi**, A Data Mining Approach for Compressed Medical Image Retrieval, International Journal of Computer Applications, Volume 52– No.5, August 2012, pp. 26-30.
30. Parasana Sankara Rao , **Kiran Kumar Reddi**, Performance Evaluation of Regression Techniques for Effort Estimation, International Journal of Computer Applications, Volume 52– No.6, August 2012, 8-12.
31. J.Harikiran, Raghu Andey, K.Nanditha Krishna, Dr.P.V.Lakshmi, **Dr.Reddi Kiran Kumar**, Edge Detection using Mathematical Morphology for Gridding of Microarray Image, International Journal of Advanced Research in Computer Science, Volume 3, No. 2, March-April 2012, pp. 172-175.
32. **Kiran Kumar Reddi**,Kranthi Kumar Reddi, Ganugapati Venkata Sai Bhanu Prasad,Affect of Quality Management in finding test escapes by improving process at different levels in SDLC, International Journal of Information Technology, Engineering and Sciences, Volume 2, No.1, January-June, 2012, 19-24.
33. **Kiran Kumar Reddi** , Vallabhajosula Bala Naga Venkata Sai, Panyam Babu Veera Prasad, Do Technical Skills are advantageous for a Software Requirement Analyst?, International Journal of Information Technology, Engineering and Sciences, Volume 2, No.1, January-June, 2012, 61-67.
34. **Kiran Kumar Reddi** , Ganugapati Venkata Sai Bhanu Prasad, Vallabhajosula Bala Naga Venkata Sai , Does Software Organizations Require Maturity Management, International Journal of Data Modelling and Knowledge Management, Volume2, No.1, January-June, 2012, 49-56.
35. **Kiran Kumar Reddi**, Panyam Babu Veera Prasad ,Kranthi Kumar Reddi, Is it Project Manager or Project Leader that is most needed for successfully Managing Projects” International Journal of Data Modelling and Knowledge Management, Volume2, No.1, January-June, 2012,79-87.
36. M.Laxman Rao, **Kiran Kumar Reddi** , Application of Association Rule mining in postal Service, International Journal of Advances Computer Engineering and Architecture, Volume2, No.1, January-June 2012,27-30.
37. M.Sailaja, **R.Kiran Kumar**, P.Sita Rama Murty, PESN Krishna Prasad, Handling the Class Imbalance Problem in Intrusion Detection, International Journal of Advances Computer Engineering and Architecture, Volume 2, No.1, January-June 2012, 53-58.
38. M.Nancharaiah, **R.Kiran Kumar** A Comprehensive study of defensive mechanisms for cyber attacks, International Journal of Information Technology, Engineering and Sciences, Volume 2, No.1, January-June, 2012, 5-8.
39. K.Satyanarayana, Deepak Nedunuri, A.Yesubabu, **Kiran Kumar Reddi** , A Novel Approach in the combination of cryonics technology and the nano technology with future enhancements, International Journal of Data Modelling and Knowledge Management, Volume2, No.1, January-June, 2012, 5-8.

40. Deepak Nedunuri, A.Yesubabu, **Kiran Kumar Reddi** , A Novel Approach for tracking and positioning of mobiles in Tele-Communication, International Journal of Software Engineering Research, Volume 2, No.s 1-2, January-December 2012,11-14.
41. J.Harikiran, B.Saichandana, B.Siva Lakshmi, **Reddi Kiran Kumar**, Noise Removal in Microarray Image using Bi-dimensional empirical mode decomposition and wavelet transform, International Journal of Software Engineering Research, Volume 2, No.s 1-2, January-December 2012, 79-84.
42. Mohammed Abdul Sayeed, **R.Kiran Kumar**, Security Issues using dynamic source routing and RIP in adhoc wireless networks, International Journal of Software Engineering Research, Volume 2, No.s 1-2, January-December 2012,97-101.
43. **R.Kiran Kumar**, Prediction of Protein Coding Regions by the 3-base Periodicity Analysis-Buterylcholinesterase (BCHE) DNA sequences, International Journal of Information System, Volume 1, No.1-2, January-December, 2012, 27-33.
44. Ramesh Babu Palepu, K.V.Sambasiva Rao, **R.Kiran Kumar**, Strength of Interestingness at Threshold Point in Association Rule Mining, International Journal of Information System, Volume 1, No.1-2, January-December, 2012, 43-46.
45. M. Sailaja, **R. Kiran Kumar**, P. Sita Rama Murty, P E S N Krishna Prasad, A Study on Routing Algorithms Derived From the Nature for MANETs, International Magazine on Advances in Computer Science and Telecommunications (IMACST), Vol.02, No.1, May, 2011, 31-37.
46. B.Saichandana, Dr.K.Srinivas, **Dr.Reddi Kiran Kumar**, Visual Cryptography Scheme for Color Images, International Journal of Computer Engineering and Technology, Volume 1, No.1,May-June,2010,pp.207-212.
47. J.Harikiran, R.UshaRani, Prof P.V.Lakshmi, **Reddi Kiran Kumar**, Restoration of Color Image Corrupted by Gaussian Noise, International Journal of Engineering Science and Technology, Vol. 2(9), 2010, 4033-4037.
48. Ali Mirza MAHMOOD, Mrithyumjaya Rao KUPPA, **Kiran Kumar REDDI**, A New decision Tree Induction Using Composite Splitting Criterion, Journal of Applied Computer Science & Mathematics, no. 9 (4) /2010, 67-71.
49. **KIRAN KUMAR REDDI**, T.K.RAMA KRISHNA RAO, G.NAGESWARA RAO, A Java-Based Tool to analyze the functional Protein Sequences of Genes causing Alzheimer's disease, Journal of Theoretical and Applied Information Technology, Vol.20, No.02, 2010, 79-86.
50. **Kiran Kumar Reddi**, T K Rama Krishna Rao, Role of Synuclein Beta (SnCb) and Synuclein Gamma (SnCg) in Glaucoma And Alzheimer's Diseases – A Bioinformatic Approach, International Journal on Computer Science and Engineering , Vol. 02, No. 05, 2010, 1871-1874.
51. **Kiran Kumar Reddi**, M.V.Basavesvara Rao, Soft Computing in Bioinformatics: Methodologies and Applications, Oriental journal of computer science and technology, Vol.03, No.01, 2010.
52. **Dr. Reddi Kiran kumar**, P. Sankara Rao, E.Vamsidhar, R. Usha Rani, Adaptive Resonance Theory (ART1) Approach in CBIR System, International Journal on Computer Science and Engineering, Vol.02, No.06, 2010, 2176-2180.
53. Dr. ALLAM APPARAO, **Dr. R.KIRAN KUMAR**, Huffbit Compress – Algorithm to Compress DNA Sequences Using Extended Binary Trees. Journal of Theoretical and Applied Information Technology, Vol.13, No.02, 2010, 101-106.
54. **Kiran Kumar Reddi**, Ali Mirza Mahmood, K.Mrithyumjaya Rao, Generating Optimized Decision Tree Based on Discrete Wavelet Transform, International Journal of Engineering Science and Technology, Vol. 2(3), 2010, 157-164

55. Ali Mirza Mahmood, K.Mrutunjaya Rao, **Kiran Kumar Reddi**, A Novel Algorithm for Scaling up the Accuracy of Decision Trees. (IJCE) International Journal on Computer Science and Engineering, Vol. 02, No. 02, 2010, 126-131.
56. Allam Appa Rao , **Kiran Kumar Reddi**, Hanuman Thota, Bioinformatics Analysis of Alzheimer's disease using Functional Protein Sequences, Journal of Proteomics and Bioinformatics (JPB), March 2008.
57. Hanuman Thota, Allam Appa Rao, **Kiran Kumar Reddi**, Sivaprasad Akula, Suresh Babu Chandalasetty, Gedela Srinubabu, Alzheimer's disease care and management: Role of information technology, Bioinformation, 2(3): 91-95 (2007).

National & International Conference Proceedings:

1. Parasana Sankara Rao, **Reddi Kiran Kumar**, Software Effort Estimation through a Generalized Regression Neural Network, *Emerging ICT for Bridging the Future – Volume 1* Advances in Intelligent Systems and Computing 337, DOI: 10.1007/978-3-319-13728-5_3© Springer International Publishing Switzerland 2015,pp 19-30.
2. B. Saichandana, S. Ramesh, K. Srinivas, and **R. Kiran Kumar**, Image Fusion Technique for Remote Sensing Image Enhancement, *ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of CSI - Volume II*, Advances in Intelligent Systems and Computing 249, DOI: 10.1007/978-3-319-03095-1_26, © Springer International Publishing Switzerland 2014,pp 235-242.
3. Mrs.R.Vijayakumari, **Dr.R.Kirankumar**, Dr.K.Gangadhar, Comparative analysis of Google File System and Hadoop Distributed File System,Proceedings of International Conference on Emerging Trends in Engineering Technology & Science, Malla Reddy Institute of Engg. & Technology, Hyderabad, February, 2014.
4. S.V.Achuta Rao,**Dr.Kiran Kumar**,Shaik Amjan, Mining Techniques & Object Oriented Design Software, , Proceedings of the National Conference onModern Trends in Computer Science and Technology(NCMT CST-2013),ECET,Hyderabad,May,2013.
5. **Dr. R. Kiran Kumar**, M. L. Phanendra J. Lalita Smriti, Clustering Based Segmentation of Microarray Image, Proceedings of the National Conference on Emerging Trends in Information Technology (NCETIT-2013),April,2013, pp. 48-52, ELSEVIER, A division of Reed Elsevier India Pvt. Ltd.
6. B.Sai Chandana,M.L.Phanendra, Samuel Wesley Babu, Dr.K.Srinivas, **Dr.R.Kiran Kumar**, Remote Sensing Image Classification based on Clustering Algorithms, IEEE International Conference on Advanced Research in Engineering and Technology, ICARET -2013,KL University.
7. M. Sailaja, **R. Kiran Kumar**, P. Sita Rama Murty, P.E.S.N. Krishna Prasad A Novel Approach for Intrusion Detection Using Swarm Intelligence, Proceedings of the InConINDIA 2012, AISC 132, pp. 469–479.springerlink.com _c Springer-Verlag Berlin Heidelberg 2012.
8. J.Harikiran, M.Phanendra, N.N.Swamy, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, K-Means with Bi-dimensional Empirical Mode Decomposition for Segmentation of Microarray Image, Proceeding [CCSEIT '12](#) , Proceedings of the Second International Conference on Computational Science, Engineering and Information Technology, Pages 427-433, [ACM](#) New York, NY, USA ©2012.
9. J.Harikiran, Y.NarasimhaRao, B.Saichandana, Dr.P.V.Lakshmi, **Dr.R.Kiran Kumar**, Spot Edge Detection in Microarray Images Using Bi-Dimensional Empirical Mode Decomposition,C3IT-2012, Procedia Technology 4(2012), Sciverse ScienceDirect, ELSEVIER Ltd.
10. Hanuman Thota, Nageswara Rao K, Suresh Babu Chandalasetty, Appa Rao Allam, Ramachandra Sridhar Gumpeny, Undurti N Das, **R Kiran Kumar**, TK Rama Krishna Rao, Aldose Reductase and

Nitric Oxide Synthase Role in Diabetic Retinopathy: A Bioinformatics Study. [BIOCOMP 2007](#): 72-75.

Conferences/workshops/seminars/others:

Organized:

S.No.	Particulars	Role	Year
1.	International Conference on Bioinformatics and Diabetes Mellitus (ICBDM 2006), 25th -27 th March, Andhra University, Visakhapatnam.	Member	2006
2.	e-Tricks, September, Aditya Institute of Technology and Management, Tekkali.	Convener	2009
3.	National Seminar on "Recent Trends in Information and Communication Technology"(RTICT2011),7 th -8 th , January,2012,Krishna University, Machilipatnam.	Treasurer & Co convener	2012
4.	Two Day Workshop on Assessment and Accreditation A Tool to Enhance Quality and Excellence in Higher Education, 23 rd & 24 th January, 2014, Krishna University, Machilipatnam.	Member	2014
5.	Two Day NAAC awareness workshop on" Need of Assessment and Accreditation in enhancing quality of Higher Education", 5 th & 6 th February, 2015, Krishna University, Machilipatnam.	Co-Coordinator	2015
6.	National Seminar on "Recent Trends in Information and Communication Technology" (RTICT2015), 2015, Krishna University, Machilipatnam.	Organizing Secretary	2015

Participated and Paper Presented:

Sl.No.	Particulars	Year
1.	International Conference on Bioinformatics and Diabetes Mellitus (ICBDM 2006), 25th -27 th March, Andhra University, Visakhapatnam.	2006
2.	International Workshop on Transdisciplinary Education and Research (IWTER 2007), 23 rd &24 th October, 2007, Andhra University, Visakhapatnam.	2007
3.	International Conference on Coalescence of Computer Science & Biotechnology (CCSB 2009), 16th & 17 th February, 2009, Sanketika Vidya Parishad& Andhra University, Visakhapatnam.	2009
4.	Workshop on OOAD using UML with Rational Rose & RUP, IBM	2009
5.	National Workshop on Bioinformatics, 30th September, Prasad V Potluri Siddhartha Institute of Technology, Vijayawada.	2010
6.	Workshop on Image Processing, 28th -30 th , October, Aditya Institute of Technology and Management, Tekkali.	2010
7.	Orientation Course,5 th September-1 st October, JNTU, Hyderabad Obtained 'A' Grade.	2011
8.	International Conference on Bioinformatics and Beyond, 30 th ,November-1 st December, JNTU Kakinada & DST	2011
9.	National Workshop on "Multicore Computing: Hands on exposure	2011

	to practical open MP programming, 22 nd , October, Aditya Institute of Technology and Management, Tekkali .	
10.	National Seminar on “Recent Trends in Information and Communication Technology” (RTICT2011) ,7-8,January, Krishna University , Machilipatnam.	2012
11.	National Seminar on “Recent Trends in Information and Communication Technology”, February, IDEAL college, Kakinada	2012
12.	National Seminar on Micro Finance, February, Dept. of Business Management, Krishna University, Machilipatnam.	2012
13.	National Seminar on “Artificial Intelligence & Expert Systems”, 8 th October, PB Siddhartha College of Arts & Science, Vijayawada in association with Computer Society of India.	2012
14.	Refresher Course on “Free and Open Source Software” Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad during 25.02.2013 to 16.03.2013 Sponsored by UGC.	2013
15.	National Conference on Emerging Trends in Information Technology (NCETIT-2013), March, GITAM University, Visakhapatnam.	2013
16.	National Conference on Modern Trends in Computer Science and Technology (NCMTCST-2013), May, ECET, Hyderabad.	2013
17.	National Seminar on Role of Autonomy and Quality Assurance in Higher Education: Issues & Challenges, July, IQAC, Gayatri Vidya Parishad (Autonomous) College, Visakhapatnam	2013
18.	National Seminar on “Recent Trends in Digital Image Processing and Applications”, Yogi Vemana University, Kadapa	2014
19.	International Conference on Emerging Trends in Engineering Technology & Science, Malla Reddy Institute of Engg. & Technology, Hyderabad.	2014
20.	National Conference on Recent Trends in Information Technology, PVP Siddhartha Institute of Technology, Vijayawada.	2014
21.	National Seminar on Foreign Direct Investment in Services sector in emerging Economy: Opportunities and Challenges, Krishna University, Machilipatnam.	2014
22.	Two Day Workshop on “Bioinformatic Tools in Diabetic Research”, Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam and JNTU, Kakinada.	2014
23.	Two Day UGC Sponsored National Seminar on “The Role of Mathematics and Information Sciences in Design of Sophisticated Systems”, Andhra Loyola College, Vijayawada.	2014

Membership in Professional Bodies

- Life member in Indian Society for Technical Education
- Life member in The Institution of Electronics and Telecommunication Engineers
- Member in Computer Society of India
- Member in International Association of Computer Science and Information Technology
- Member in International Association of Engineers

Membership in Board of Studies, Computer Science

- Krishna University, Machilipatnam
- PVP Siddartha Institute of Technology(Autonomous), Vijayawada
- PB Siddartha College of Arts & Science(Autonomous), Vijayawada
- SDMS Mahila Kalasala(Autonomous), Vijayawada
- Andhra Loyola College(Autonomous), Vijayawada
- Montessori Mahila Kalasala(Autonomous), Vijayawada
- KBN College(Autonomous), Vijayawada
- AG & SGS College(Autonomous), Vijayawada
- Noble College(Autonomous), Machilipatnam
- Maries Stella College,Vijayawada

Membership in Academic Bodies, Research & Journals

- Member in Academic Council, PB Siddartha College of Arts & Science(Autonomous), Vijayawada
- Member in Academic Council, Noble College, Machilipatnam.
- Member, Governing Body, SVH College of Engineering, Machilipatnam.
- Member, Research Council, Krishna University, Machilipatnam.
- Member, Editorial Board, International Journal of Computer Applications & Technology

Areas of Specialization

- Bioinformatics
- Data Base Management Systems
- Data Mining
- Software Engineering
- Embedded Systems
- Internet and its Applications
- Network Security
- Cloud Computing
- Image Processing

Current Area of Research

- Finding solutions to formal and practical problems inspired from the computational management and computational analysis of biological data with the paradigm of crystallization of computational thinking.

Research Guidance

1. Thesis titled "An Improved Feature Selection and Parameter Optimization using Hybrid Cuckoo Search for Compressed Medical Image Classification" submitted to JNTUK, Kakinada by Enireddy Vamsidhar.

Projects Guided

- MCA : 150+
- B.Tech : 10+

Personal Profile

Name : Kiran Kumar Reddi
Father Name : Bala Rama Swamy Naidu
Date of Birth : 16-08-1972
Sex : Male
Marital Status : Married