BIODATA OF Dr. ADIMULAM YESU BABU

1. **Name:**   **Dr. ADIMULAM YESU BABU**
2. **Father's Name:**   **ADIMULAM SURYA RAO**

3. **Present Designation:**   **PROFESSOR & HEAD**
                                                            DEPARTMENT OF COMPUTER SCIENCE
                                                            & Engg

4. **Years of Experience:**   **31 Years**

5. **Address for Communication:**
    a) Official: **Dr. ADIMULAM YESU BABU**
                                                             Professor & Head
                                                             Dept. of CSE
                                                             Sir C.R.Reddy College of Engg.,
                                                             ELURU, W.G.Dt.-534007

6. **Educational Qualifications:**   **M.Tech(CST), Ph.D(CS&SE)**

P R O F I L E

Dr. ADIMULAM YESU BABU
csehod@sircrrengg.ac.in

Objective:
To excel in Academics, Research, Administration and Extension Activities in an organization which aims at transforming into a world class Institution.

Academics:

Ph.D.   : Computer Science & Systems Engineering from Andhra University, Visakhapatnam

Thesis titled " *Computational Analysis of Significant Genes Causing Diabetic*

Nephropathy"

M.Tech : Computer Science and Technology from Andhra University, Visakhapatnam.

Academic Experience:

- Served as Member of Academic Senate of Andhra University, Where I have studied.

- Member of Board studies in Computer Science & Engg for Andhra University and a number of autonomous colleges and Deemed Universities.

- Presently working as Professor & HoD, Department of Computer Science & Engineering

- Looking after the Research and development cell of the College as Member – Secretary of the Cell.

- 31 years of Academic, Research & Academic Administration experience.

- Awarded 10 Ph.Ds. under my supervision FIVE from JNTUK, Kakinada, Three from Bharathiar University, Coimbatore, One from Rayaaseema University, Kurnool and one from KLEF and 3 more in pipeline from various universities

- Published 43 Research Papers in International journals and 6 chapters.

- Reviewing research papers for International journals.

- Reviewer of Research publications for premier publishing groups like Springer, Elsevier, Inderscience and a number of SCOPUS and SCI indexed journals.

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Academic Training

- Participated in the Quality Improvement Programme's short term course on Data Processing Techniques in the Technical Teachers Training Institute, MADRAS from 02-01-1989 to 10-02-1989, Sponsored by Department of Electronics, Govt. of India.

- Participated in the Quality Improvement Programme's short term course on Computer Oriented Mathematical Methods in the Technical Teachers Training Institute, Madras from 30-12-1991 to 07-02-1992 Sponsored by Department of Electronics, Govt. of India.

- Successfully completed the Academic Staff Orientation programme organized by the Academic Staff College, Andhra University from 04-03-1991 to 30-03-1991 sponsored by UGC.

- Successfully completed IBM AIX 5 L Training from 11-09-2006 to 14-09-2006 at IBM, BANGALORE.

Teaching Experience:

| S No | Designation | Organization | Period | | Total Exp. Years and Months | Nature of Employment |
			From	To		
1.	**Professor**	Sir C.R.Reddy College of Engg, Eluru	April 2009	Till date	08 years 7 months	Permanent
2.	**Professor**	BVIT, Bhimavaram	May 2008	April 2009	11 months	Permanent
3.	**Associate Professor**	Swarnandhra College of Engg & Tech, Narsapur	July 2005	May 2008	2 years 7 months	Permanent
4.	**Reader**	K.G.R.L.College, Bhimavaram	May 2000	June 2005	5 years 1 months	Permanent
5	**Lecturer**	K.G.R.L.College, Bhimavaram	August 1988	May 2000	11 years 9 months	Permanent

Dr. A. Yesu Babu M.Tech (CST).,Ph.D

**Professor and Head, Department of Computer Science and Engineering,
Sir C R Reddy College of Engineering, Eluru-WGDt.**

List of Scholars awarded Ph.D

1. **Dr. G. Nirmala**

   Associate Professor,

   Department of Computer Science and Engineering,

   Sir C R Reddy College of Engineering, Eluru- WGDt.

   Title: In silico Protein Ligand Docking Analysis to Identify Possible MMP-13 Inhibitors.

   Awarded Ph.D on 08-09-2017 in Computer Science and Engineering.

   University: Jawaharlal Nehru Technological University, Kakinada

2. **Dr. Deepak Nedunuri**

   Associate Professor,

   Department of Computer Science and Engineering,

   Sir C R Reddy College of Engineering, Eluru- WGDt.

   Title: Computational pathway, domail detection analysis and phylogenetic tree re-construction of mitogen activated protein kinases (MAPKs) and in silico molecular docking of bipyrazoles as possible p38α inhibitors.

   Awarded Ph.D on 10-10-2017 in Computer Science and Engineering.

   University: Jawaharlal Nehru Technological University, Kakinada

3. **Dr. K.Satyanarayana**

   Associate Professor, Department of Information Technology,

   Sir C R Reddy College of Engineering, Eluru- WGDt.

   Title: Identification of novel CDK inhibitors by molecular docking and consensus scoring approach and virtual screening of telmisartan analogs as possible CDK cell cycle inhibitors.

   Awarded Ph.D on 10-11-2017 in Computer Science and Engineering

   University: Jawaharlal Nehru Technological University, Kakinada

4. Dr. T.V.Sai Krishna

Professor and Head,

Department of Computer Science and Engineering,

QIS College of Engineering,

Ongole.

Title: Network analysis of disease associated genes and investigation of relationships by novel hybrid hierarchical k-means algorithm.

Awarded Ph.D on 27-08-2018 in Computer Science and Engineering

University: Jawaharlal Nehru Technological University, Kakinada

5. Dr. Noufal K P

Title: A novel optimization approach for scalability and performance improvement and analysis of routing protocols in wireless ad-hoc networks.

Awarded Ph.D on 31-01-2019 in Computer Science.

University: BHARATHIYAR UNIVERSITY

6. Dr. K. Kranthi Kumar

Associate Professor, Department of ECE,

Vidya Vikas Institute of technology, Chevella, R.R.DSt.

Title: A hybrid PAPR reduction with partial transmit sequence and companding methods for OFDM systems..

Awarded Ph.D on 29-03-2019 in Electronics and Communication Engineering.

University: Jawaharlal Nehru Technological University, Kakinada

7. Dr Haseeb.V.V

Title: A Novel Approcah to enhance the performance of routing in delay tolerant networks using working day movement model and throw boxes

Award es Ph.D on : 20-11-2019 in Computer science by BHARATHIYAR UNIVERSITY, Coimbatore.

8. Dr. Ch Madhava Rao

Title: structural and functional studies of COX2 and computational analysis of inhibiters by python clustering and logistic regression algorithmic approach.

Awrded Ph.D in Computer Science on 23-10-2019 by Rayalaseema University, Kurnool.

9. Dr S.Joy Kumar

   Title: A Novel Approcah To Improve Reliability And Quality Of Service Of Data Delivery For Dynamic Mobile Adhoc Networks.

   Awarded Ph.D on : 15-07-2020 in Computer science by BHARATHIYAR UNIVERSITY, Coimbatore.

10. Dr P.Bharath Siva Varma

    Title: Function Annotation of a Hypothetical protein to identify druggable components using in silico methods.

    Awarded Ph.D on : 27-02-2021 in Computer science& Engg by KLEF, Vaddeswaram.

Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	One week FDP on "Information Security and Networks" Organized by Dept. of CSE and IT, SRKR Engineering College in Association with Lucerne University of Applied Sciences and Arts, Switzerland	SRKR Engineering College, Bhimavaram	11-07-2017 & 17-07-2017	13-07-2017 19-07-2017
2.	One week FDP on "Signal and Image Processing with MATLAB" organized by Dept. of ECE, SRKREngineering College in Association with Electronics & ICT Academy NIT, Warangal	SRKR Engineering College, Bhimavaram	03-07-2017	08-07-2017
3.	One week FDP on "Statistical analysis with R" SRKR Engineering College in Association with Electronics & ICT Academy , NIT, Warangal	SRKR Engineering College, Bhimavaram	11-02-2017	16-02-2017
4	One week short term course on Internet of things using Arduino and Raspberry pi	SVECW, Bhimavaram	17-10-2016	22-10-2016
5	*One week Faculty Development Program* on Software Testing	SVECW, Bhimavaram	07-09-2016	11-09-2016
6	*One week Faculty Development Program* on Big Data Analytics	SVECW, Bhimavaram	02-08-2016	06-08-2016
7	*One week Faculty Development Program* on Big Data Analytics	V R Siddhartha Engg. college, Vijayawada	11-04-2016	17-04-2016
8	*National conference* on recent trends in Data Mining and Bio-informatics	GVIT , Bhimavaram	15-07-2014	-
09	AICTE sponsored *National workshop* on Mobile computing and Mobile application development	SRKR Engg. College, Bhimavaram	07-11-2013	09-11-2013
10	National work shop on Data Warehousing and Mining (NWDWM-2013)	Dept. of CS & SE, AUCE, Visakhapatnam	24-01-2013	25-01-2013
11	National *workshop* on Cloud computing and its applications (NWCCA-2012)	Dept. of CS & SE, AUCE, Visakhapatnam	29-09-2012	--
12	*National conference* o Artificial Intelligence, Robotics and Embedded Systems (AIRES-2012)	Dept. of CS & SE, AUCE, Visakhapatnam	29-06-2012	30-06-2012
13	AICTE sponsored *Staff Development programme* on Recent trends in Data Mining and Warehousing	Vishnu Institute of Tech., Bhimavaram	05-12-2011	17-12-2011
14	Theory and Practice of DB2 Fundamentals	SRKR Engg. College, Bhimavaram	04-08-2006	06-08-2006

Workshops/ Conferences Conducted

S No	Name of the workshop/ STTP	Place	Period	
			From	To
01	Conducted the International Conference on Computer Vision and Machine Learning on 26th and 27th December 2018 as Convener	Eluru	26-12-2018	27-12-2018
02	Member of the Advisory Committee of the fourth International Conference on Computational Intelligence and Big Data Analytics (CIBDA) organized by **institute of bioinformatics and computational biology (IBCB), Visakhapatnam**	Visakhapatnam	15-12-2017	16-12-2017
03	Worked as a **Coordinator** for One week workshop on AAP MANIA	Sir C.R.Reddy College of Engg., Eluru	23-10-2017	28-10-2017
04	Worked as a Coordinator for One week workshop on App Development	Sir C.R.Reddy College of Engg., Eluru	26-09-2017	01-10-2016
05	Advisory Committee Member of the 2nd International Conference on Interdisciplinary Research & Technological developments, Katmandu, Nepal	Khatmandu, Nepal	28-10-2017	28-10-2017
06	Advisory Committee Member of the International Conference on Advancements in Engineering, Technology and Management (AETM 2017)	Bangkok, Thailand	06-01-2017	06-01-2017
07	Member of the advisory committee of the International Conference on Cognitive Science and Health Bioinformatics organized by Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam	Visakhapatnam	24-12-2016	25-12-2016
08	Technical Committee member of the International Conference on Advances in computer Science, Electronics and communication Technologies – (ACSECT-2016)	Bangkok, Thailand	22-01-2016	22-01-2016
09	Member of the Advisory Committee of the international conference on computational intelligence and soft computing organized by Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatn and International Journal of Computational	Visakhapatnam	19-12-2015	20-12-2015

	Intelligence and Soft Computing, USA			
10	Advisory Committee Member of the International Conference on Advancements in Engineering, Technology and Management (AETM 2015)	Bangkok, Thailand	23-07-2015	23-07-2015
11	Organising Committee member of the International Conference on Advances in computer Science, Electronics and communication Technologies – (ACSECT-2015)	Bangkok, Thailand.	17-01-2015	17-01-2015
12	Member of the Advisory Committee of the International Conference on Computation Intelligence : Health and Disease Organized by institute of bioinformatics and computational biology (IBCB), Visakhapatnam	IBCB, Visakhapatnam	27-12-2014	28-12-2014
13	Member of the Advisory Committee OF The International Conference on Interdisciplinary Research and Technological Developments (IRTD 2014)	Panjab University, Chandigarh, India	01-11-2014	01-11-2014
14	Advisory Committee Member of the International Conference on Advancements in Engineering, Technology and Management (AETM 2014)	Bangkok, Thailand	26 -07-2014	26-07-2014
15	Organising Committee Member of the Two day workshop on recent Trends in bioinformatics Jointly organized by IBCB and DST project	Viskhapatnam	17-05-2014	18-05-2014
16	Advisory Committee Member of the t he International Conference on Advances in Computer Science, Electronics and Communication Technologies (ACSECT 2014)	Bangkok, Thailand.	25-01-2014	25-01-2014
17	Chairman of the Organising committee of the National Conference on Research issues and Recent Trends in Computer Science & Information Technology - NCRRCSIT 2013	Sir C.R.Reddy College of Engg., Eluru	27-12-2013	28-12-2013
18	Convener of the International Conference on Advances in Computer Science, Communications & Bio Instrumentation Engineering (ICACCBIE-11)	Sir C.R.Reddy College of Engg., Eluru	08-12-2011	09-12-2011

PUBLICATIONS

S.No	Title of The Publication	Name of the Journal	ISSN / ISBN No.
1	Network analysis as a method of assessing terms in a dataset comprising eating disorders	International Journal Of Engineering And Technology	ISSN: 2227-524X
2	Reliability Assurances in QOS Using Extended AODV In MANET	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250-2459
3	A critical study and analysis of journal metric "CiteScore", cluster and regression analysis	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250-2459
4	Identify virtual ligand hits using consensus scoring approach for drug target S.Aureus	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250-2459
5	A consensus scoring approach to identify virtual ligand hits against phosphotransacetylase of staphylococcus aureus	Ponte	ISSN 0032-6356
6	Computer-aided regression and validation analysis on a dataset of 667 cite score data points	Ponte	ISSN 0032-6356
7	Determination of optimal clusters for a non-hierarchical clustering paradigm k-means algorithm	Springer Nature	
8	Optimal carrier phase factor selection in hybrid SLM-PTS technique for PAPR reduction of OFDM signals	European Journal Of Scientific Research	ISSN 1450-216X / 1450-202X
9	Improved PTS technique based on sub-block weighting method of PAPR reduction in OFDM signals	International Journal Of Intelligent Engineering And Systems	ISSN: 2185-3118
10	Regressive group phase weighting in PTS combined with SLM approach for PAPR reduction in OFDM systems	Springer-Cluster Computing	ISSN 1573-7543
11	Software defect prediction using adaptive neuro fuzzy inference system	International Journal Of Applied Engineering Research	ISSN 0973-4562
12	Identification of receptors for eating disorders using gap statistic methods	International Journal Of Computer Applications	ISSN 0975 - 8887
13	A regression analysis and study of COX-2 inhibitors verified by phylogenetic tree	International Journal Of Computer Applications	ISSN 0975 - 8887
14	A comparative study of hybrid learning over back propagation for identifying defective prone modules	International Journal Of Soft Computing	ISSN: 1816-9503

15	Cost sensitive class imbalance learning using ANFIS	Australian Journal Of Basic And Applied Sciences	ISSN:1991-8178
16	Robust fuzzy c-means cluster algorithm through energy minimization for image segmentation	Indian Journal Of Science And Technology	ISSN (Online) : 0974-5645
17	Computational analysis and application of regression model to screen a 32 compound dataset as COX-2 inhibitors using modified k-means algorithm	International Journal Of Computer Applications	ISSN 0975 - 8887
18	QSAR and validation analysis on MMP-13 inhibitors	SPRINGER Forensic And Medical Bioinformatics	ISBN 978-981-10-0308-0
19	Computational screening of drug bank data base for novel cell cycle inhibitors	SPRINGER Forensic And Medical Bioinformatics	ISBN 978-981-10-0391-2
20	Pathway analysis of highly conserved mitogen activated protein kinases (MAPKS)	SPRINGER Forensic And Medical Bioinformatics	ISBN 978-981-10-0391-2
21	Computer aided virtual screening of telmisartan analogue as possible CDK cell cycle inhibitors	Inder Science- IJBCDD	ISSN 1756-0756
22	In silico virtual screening of pubchem compounds against phosphotransacetylase, a putative drug target for staphylococcus AUREUS	Inder Science- IJBCDD	ISSN 1756-0756
23	In silico pathway analysis of MAPKSs and computational investigation of bipyrazole analogues as novel p38 alpha MAPKS inhibitors	Inder Science- IJBRA	ISSN 1744-5485
24	Time reliability efficient protocols in MANETS	International Journal Of Research In Computer Science Engineering	ISSN: 2321-5585
25	In silico functional annotation of a hypothetical protein from stephylococusaureus	Journal Of Infection And Public Health (ELSEVIER)	ISSN: 1876-0341
26	Autoimmune diseases - a wider perspective	International Research Journal Of Engineering & Technology	ISSN: 2395-0072
27	Identification of novel CDK inhibitors by molecular docking and consensus scoring approach	International Journal Of Computer Applications	ISSN 0975 - 8887

28	Selective inhibition of p38 MAPK isoforms using bipyrazole derivatives: an in silico approach	International Journal Of Computer Applications	ISSN 0975 - 8887
29	Insilico multivariate regression analysis and validation studies on selective inhibitors	International Journal Of Computer Applications	ISSN 0975 - 8887
30	Dynamic data distribution in MANETS using ODMRP protocol	International Journal Of Research In Computer Science Engineering	ISSN: 2321-5585
31	An EISRM frame work - a new approach for embedding information security into the enterprises	International Journal Of Engineering And Advanced Technology	ISSN: 2249 – 8958
32	An approach for the assessment of the information security and its measures	International Journal Of Soft Computing And Engineering	ISSN 2231-2307
33	A cost-benefit model for an enterprise information security	International Journal Of Innovative Technology And Exploring Engineering	ISSN: 2278-3075
34	Aspect based retrieval quality in conversation recommenders	International Journal Of Compute Science And Technology	ISSN : 2229-4333
35	Analysis of critical success factor on total quality management	International Journal Of Computer Science Information And Engg	ISSN 2277-4408
36	A novel approach for personalizing web search using ranking model adaptation	International Journal Of Compute Science And Technolog	ISSN : 2229-4333
37	A novel approach for efficient routing in MANETS with energy routing algorithm	International Journal Of Compute Science And Technology	ISSN : 2229-4333
38	Recent performance evaluation among various AES algorithms-MARS, RC6, RIJNDAEL, SERPENT, two fish	International Journal Of Science And Advanced Technology	ISSN 2221-8386
39	An efficient implementation of LRCA scheme for encryption/decryption	International Journal Of Engineering Research And Applications	ISSN: 2248-9622
40	A generative mold for image segmentation based on tag union	International Journal Of Engineering Trends And Technology	ISSN: 2231-5381
41	Tracking Indian tigers using ADHOC networks and GIS	International Journal Of Computer Applications	ISSN 0975 - 8887
42	IIWM- an invertible image water marking	International Journal Of Computer Applications	ISSN 0975 - 8887
43	Application of statistical experimental design in citric acid production	International Journal Of Biological Sciences & Engineering	ISSN 1449-2288

Articles / Chapters published in Books

S.No.	Title of the Chapter	Title of The Book	ISBN No.
1	Determination of Optimal Clusters for a Non-hierarchical Clustering Paradigm K-Means Algorithm	Lecture Notes on Data Engineering and Communications Technologies, vol 9. Springer, Singapore	978-981-10-6319-0
2	Computational Prediction and Validation Studies on a Diverse Dataset of COX-2 Inhibitors Using Linear Regression Analysis	Journal of Physics	1742-6588
3	Predicting NTPase activity for protein belonging to E.coli	SPRINGER Cognitive Science and Health Bioinformatics	978-981-10-6652-8
4	QSAR and Validation Analysis on MMP-13 Inhibitors	SPRINGER Forensic and Medical Bioinformatics	978-981-10-0308-0
5	Computational Screening of Drug Bank Data Base for Novel Cell Cycle Inhibitors	SPRINGER Forensic and Medical Bioinformatics	978-981-10-0391-2
6	Pathway analysis of highly conserved Mitogen activated protein kinases (MAPKs)	SPRINGER Forensic and Medical Bioinformatics	978-981-10-0391-2

Full papers in Conference Proceedings

SNO.	Title	Details of conference Publications	ISSN / ISBN No.
1	Computational prediction and validation studies on a diverse dataset of cox-2 inhibitors	International Conference On Computer Vision And Machine Learning	ISSN 1757-899X
2	Software Defect Prediction using Adaptive Neuro Fuzzy Inference System	International Conference On Smart Technologies In Computer And Communication	ISSN 0973-4562
3	QSAR and Validation Analysis on MMP-13 Inhibitors	International Conference On Computational Intelligence And Soft Computing	ISBN 978-981-10-0308-0
4	Computational Screening of Drug Bank Data Base for Novel Cell Cycle Inhibitors	International Conference On Computational Intelligence And Soft Computing	ISBN 978-981-10-0391-2
5	Pathway analysis of highly conserved Mitogen activated protein kinases (MAPKs)	International Conference On Computational Intelligence And Soft Computing	ISBN 978-981-10-0391-2
6	Aspect based retrieval quality in conversation recommenders	International Journal Of Compute Science And Technology	ISSN : 2229-4333
7	A novel approach for personalizing web search using ranking model adaptation	International Journal Of Compute Science And Technology	ISSN : 0976-8491
8	A novel approach for efficient routing in MANETs with energy routing algorithm	International Journal Of Compute Science And Technology	ISSN : 0976-8491

Personal Profile:

Name   :   Dr ADIMULAM YESU BABU

Marital Status   :   Married.

Father's Name: SURA RAO

Mother's Name: Lakshmi Kantham

Gender :   Male

Religion: Hindu

Nationality: Indian