

FACULTY PROFILE

1. **Name** : Dr NAGA MADHAVI LATHA KAKARLA
2. **Designation** : ASSOCIATE PROFESSOR
3. **Department** : COMPUTER SCIENCE AND ENGINEERING
4. **Date of Joining** : 24-06-2009
5. **Nature of Employment:** Regular
6. **Unique ID (AICTE FID)** : 1-441719574
7. **Email** : kakarla.nml@gmail.com
madhavalathakakarla@sircrrengg.ac.in
8. **Phone** : 9030886003
9. **Address for communication:** FLAT NO. 504, SRIYA PRIDE HOMES,
BEHIND SIDDARTHA VIDYALAYA,
SATRAMPADU,
ELURU-534007.
W.G.DT.



10. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	ACHARYA NAGARJUNA UNIVERSITY, GUNTUR	ACHARYA NAGARJUNA UNIVERSITY, GUNTUR	CSE	2021	AWARDED
PG	JNTU HYDERABAD	COLLEGE OF ENGINEERING, JNTU HYDERABAD	CSE	2008	FIRST CLASS WITH DISTINCTION
UG	THE INSTITUTION OF ENGINEERS(INDIA)	THE INSTITUTION OF ENGINEERS(INDIA)	COMPUTER ENGINEERING	2001	FIRST

11. Work Experience:

Teaching: 16YEARS Research: Industry: Total: 16 YEARS

Name of the Organization	Designation	Date From	Date To
SIR CRR COLLEGE OF ENGINEERING, ELURU.	ASSOCIATE PROFESSOR	APRIL 2022	TILL DATE
SIR CRR COLLEGE OF ENGINEERING, ELURU.	ASSISTANT PROFESSOR	JUNE 2009	MARCH 2022
ST.MARY'S COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD	ASSISTANT PROFESSOR	JUNE 2005	JUNE 2006
NOVA COLLEGE OF ENGINEERING AND TECHNOLOGY, JANGAREDDYGUDEM	ASSISTANT PROFESSOR	SEP 2002	APRIL 2005

12. Courses taught:

S.No.	Name of the subject	UG/PG
1	DATA STRUCTURES	UG
2	ADVANCED DATA STRUCTURES	UG
3	COMPUTER ORGANIZATION	UG
4	OBJECT ORIENTED PROGRAMMING	UG

5	STATISTICS WITH R PROGRAMMING	UG
6	DESIGN AND ANALYSIS OF ALGORITHMS	UG
7	OPERATING SYSTEMS	UG
8	WEB TECHNOLOGIES	UG
9	DATA COMMUNICATIONS	UG
10	COMPUTER NETWORKS	UG
11	COMPUTER GRAPHICS	UG
12	CRYPTOGRAPHY AND NETWORK SECURITY	UG
13	MACHINE LEARNING	UG
14	MFCs	PG
15	COMPILER DESIGN	PG
16	COMPUTER ORGANIZATION	PG
17	ADVANCED DATA STRUCTURES	PG
18	MACHINE LEARNING	PG

13. Administrative Responsibilities:

S.No.	Description	College/ Department level
1	Discipline Committee Member	Department level
2	Class Incharge	Department level
3	Attendance Incharge	Department level
4	Women Protection cell Committee Member	Department level
5	In charge for Examination Cell	Department level
6	Time Table Committee Member	Department level
7	Departmental coordinator, TECHFEST - 2010	Department level
8	Departmental member for IQAC	Department level

14. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
10	1		

15. Research Publications in Journals (National/International):

S.No.	Author(s) Name	Title of the Paper	Name of the Journal	National/ International	Month & Year	Volume, Issue No, Page Nos	UGC/ Web of Sciences / Scopus/ SCI/Others
1	Naga Madhavi Latha	Novel Classification	International Journal of Research	International	JULY.- SEPT. 2020	VOL. 8 ISSUE 3	UGC

	Kakarla, Alla hema sunandini	Technique to Reduce Sensors Deployment from Large and Vary Printing Environment	in Electronics and Computer engineering				
2	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	A novel approach for identification of possible GSK-3 β inhibitors using computational virtual screening analysis of drugs	Int. J. Computational Biology and Drug Design	International	DEC 2019	Vol. 12, No. 4	SCOPUS, WEB OF SCIENCE
3	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	Analysis on soft fuzzy clustering methods to cluster drugs from virtual screening paradigm as probable GSK-3 beta inhibitors against Diabetes	Journal of Advanced Research in Dynamical & Control Systems	International	SEP-2019	Vol. 11, Special Issue-06	SCOPUS
4	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	Application of Fuzzy K-Means (FKM) Algorithms in Identifying Better Clusters of Few Drugs from Drug bank Database	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	APR-2019	Volume -8, Issue-6S4	SCOPUS
5	K.N.Madhavi Latha,	K-RLE COMPRESSION USING VHDL	International Journal of Research in	International	JANUARY - MARCH 2019	VOL. 7 ISSUE 1	UGC

	Shaik Mallika Begum		Electronics and Computer engineering				
6	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	Comparative Study on Clustering Techniques towards Virtual Screening	International Journal of Research in Electronics and Computer engineering	International	APR.- JUNE 2018	VOL. 6 ISSUE 2, PP. 61	UGC
7	K.N.Madhavi Latha, B.Sravanthi	Conjunctive Keyword Search with Designated Tester and Kjerhyreting Enabled Proxy Re-Encryption	International Journal of Research in Electronics and Computer engineering	International	OCT.- DEC. 2017	VOL NO. 5, ISSUE NO. 4, PP 118	UGC
8	Naga Madhavi Latha Kakarla, Chinnam Sushma	Slice Information Gratitude Tweets by Named Entity	International Journal of Innovative Technologies	International	DEC 2016	ISSN 2321-8665	UGC
9	Naga Madhavi Latha Kakarla, Macharla Sirisha	Assessment Data Transaction by ABE with Sheltered Management	International Journal of Innovative Technologies	International	NOV 2016	ISSN 2321-8665	UGC
10	Naga Madhavi Latha Kakarla, P. Asam Ravi Savio Sai Kumar	Perceiving Replicas Personalized by using Inferring Search	International Journal of Innovative Technologies	International	NOV 2016	ISSN 2321-8665	UGC
11	K.N.Madhavi Latha, Sk Asra Funnisa	Ensured Privacy And Security In Linear Scientific Computations	International Journal of Mechanical Engineering and Computer Applications	International	NOV – DEC 2015	ISSN - 2 320-6349	UGC

12	K.N.Madhavi Latha, Anuradha K	Success Pattern Finding With Regards To Textual Content Exploration	International Journal of Science Engineering and Advance Technology	International	NOVEMBER - 2015	Vol 3, Issue 11	UGC
13	Kakarla Naga Madhavi Latha, B.Sindhu priya	Vampire Attacks: Draining Life from Wireless Ad-hoc Sensor Networks	IOSR Journal of Computer Engineering (IOSR-JCE)	International	SEP - OCT. 2014	Volume 16, Issue 5, Ver. V,	UGC
14	Naga Madhavi Latha Kakarla, Dokku Koteswara Prasad	Hiding Schemes Defined for Thwarting of Selective Jamming Attacks in Wireless Networks	International Journal of Computer Science and Technology	International	OCT - DEC 2013	Vol. 4, Issue Spl - 4	UGC

16. Research Papers in Conferences (National/International):

S.No.	Author(s) Name	Title of the Paper	Name of the Conference/Journal	National/International	Month & Year	Page Nos
1	Naga Madhavi Latha Kakarla, P.Naga Deepthi, K.Swathi	Prominent Features in Sleep Disorder Disease in Bioinformatics Using Relevant Data Sets	Proceedings of the 2nd International Conference on Computational and Bio Engineering (CBE) Lecture Notes in Networks and Systems 215 on 4th & 5th December 2020, Springer	International	Oct 2021	Conf. Series 215 ISSN: 2367-3389
2	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	Systematic approach for enrichment of docking outcome using consensus scoring functions	ICCVML (International Conference on computer Vision & machine Learning) on 27 th & 28 th Dec 2018/ Journal of Physics:	International	May 2019	Conf. Series 1228
3	Naga Madhavi Latha Kakarla	A Novel Approach to Optimize Link - Node Failures in IP	National Conference on Research Issues and Recent Trends in Computer Science &	International	Oct - Dec 2013	Issue Spl - 4,

		Networks	Information Technology on 27 th and 28 th December, 2013 / International Journal of Computer Science and Technology			
4	K.N.Madhavi Latha, R.Deepthi, M.V. Rajesh Babu	An application of copy right protection and Authentication for a Digital System	International conference ICACCBIE - 2011(Advance in Computer Science, Communication & Bio-Instrumentation Engineering) on 8 th and 9 th December, 2011 / International Journal of Computer Science and Technology	International	Dec 2011.	Vol – 2 SP

17. No of Books Published:

S.No.	Author(s) Name	Title	Publisher	ISBN	Year of Publishing
NIL					

18. Workshops/ FDPs/STTPs /etc., (Organised):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
NIL				

19. Workshops/ FDPs/STTPs/ etc., (Attended):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	AICTE Training And Learning (ATAL) Academy 5-Day Online FDP on "Cloud Technology"	Government Engineering College Gandhinagar Gujarat.	02-11-2020	06-11-2020
2	One day National Level Faculty Development Programme on Plagiarism free research report writing	QIS College of Engineering and Technology	08-06-2020	08-06-2020
3	National level faculty development programme on tools for online class room	PB Siddartha college of Arts and Science, Vijayawada	18-05-2020	20-05-2020
4	AICTE Training And Learning (ATAL) Academy 5-Day Online	National Institute Of Technical	20-04-2020	24-04-2020

	Faculty Development Program On "Internet Of Things (IOT)"	Teachers Training And Research, Chandigarh		
5	5-Day National Level Online Faculty Development Program On "Artificial Intelligence",	Department Of Information Technology, Sir C. R. Reddy college Of Engineering, Eluru	22-May-2020	26-May-2020
6	6-Day Faculty Development Program Instructional Design and Delivery Systems	For Faculty of CR Reddy College of Engineering, Eluru, AP Organized by Nittr, Chennai	04-12-2017	09-12-2017

20. Sponsored Projects:

S.No.	Title	Sponsored by	Amount	Period	Ongoing/ Completed
NIL					

21. Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed
NIL					

22. No of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted
1	BIG DATA ANALYSIS ON A SPECIFIC TASK WITH A FOCUS ON HEALTHCARE	202141044103	2021	Granted

23. Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received
NIL				

24. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1	THE INSTITUTION OF ENGINEERS(INDIA)	AM121184-9	ASSOCIATE (AIE)

25. Membership in BOS/ Editorial Boards:

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
NIL			

26. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):
NIL

27. Details of Innovative Design/ Development of Product or Model (if any): NIL

28. Technology Transfer: NIL

29. Special Achievements (If any):

30. Personal Details:

- (a) Father's Name : K. PRASADA RAO
- (b) Mother's Name : K. LAKSHMI
- (c) Gender : FEMALE
- (d) Marital Status : MARRIED
- (e) Religion : HINDU
- (f) Nationality : INDIAN