

FACULTY PROFILE

1. Name : Dr. GADL.NIRMALA
2. Designation : Professor
3. Department : Computer Science & Engineering
4. Date of Joining : 06-07-2006
5. Nature of Employment: Regular
6. Date of Birth : 09-08-1975
7. Unique ID (AICTE FID): 1-440350382
8. Email : dr.gnirmala@sircrrengg.ac.in
nirmala.gadi@gmail.com
9. Phone : 9491975515
10. Address for communication: D/o.G.KoteswaraRao,
D.No:25-15-11,
N.R.Pet, Opp. Z.P.Road,
Eluru, West Godavari District, AP-534006



11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D	JNTU KAKINADA	JNT University, Kakinada K	Bioinformatics	2017	Awarded
M.Tech	JNTU, KAKINADA	JNT University, Kakinada	CSE	2007	FIRST CLASS With Distinction
B.Tech	S.I.E.T, NUZVID.	JNT University, Kakinada	CSE	2003	FIRST CLASS With Distinction
D.C.M.E	Smt.T.K.R.Polytechnic for women ,Pamaru.	S.B.T.E.T	CSE	1994	I FIRST CLASS With Distinction
S.S.C	St.Thereasa's Girls High School, ELURU.	SSC	M P C	1990	FIRST CLASS With Distinction

12. Work Experience:

Teaching: 20 Years

Research:

Industry:

Total: 18 Years

Name of the Organization	Designation	Date From	Date To
Sir C R Reddy College of Engineering, Eluru, W.G.Dist, AP	Associate professor	1-1-2018	Till Now
Sir C R Reddy College of Engineering, Eluru, W.G.Dist, AP	Sr.Assistant Professor	1-7-2008	31-12-2017
Sir C R Reddy College of Engineering, Eluru, W.G.Dist, AP	Assistant Professor	06-07-2006	31-06-2008
Sri Vasavi Engineering College, Tadepalli gudem, W.G.Dist, AP	Assistant Professor	18-06-2003	05-07-2006

13. Courses taught:

S.No.	Name of the subject	UG/PG
1	C & Data Structures	UG
2	Operating System	UG
3	Data Mining and Data warehousing	UG
4	Python programming	UG
5	Object Oriented Programming through C++	UG
6	Principles of Programming languages	UG
7	Embedded Systems	UG
8	Computer Networks	UG
9	Design and Analysis of Algorithms	UG
10	Web Technologies	UG
11	OOPS through java	UG
12	Systems programming	UG
13	Cyber security & Digital forensics	UG
14	Cloud Computing	UG
15	Embedded Systems	UG
16	Computer Networks	UG
17	Cryptography and Network Security	UG
18	Advanced Operating system	PG
19	Machine Learning	PG
20	Operating system,	PG
21	Advanced Computer Networks	PG
22	Network Protocols and principles	PG
23	Systems programming	PG
24	Embedded Systems	PG

14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1	Project coordinator	Department
2	Tech fest coordinator	Department
3	CLASSIC coordinator	Department
4	Class teacher	Department
5	student counselor	Department
6	Attendance in charge	Department
7	Department development committee coordinator	Department
8	Department discipline committee coordinator	Department
9	Lab in charge	Department
10	Department level Training and placement coordinator	Department
11	Department Library in charge	Department
12	Department level Training and placement coordinator	Department
13	Department Library in charge	Department

14	Project coordinator	Department
15	Research and Development cell coordinator	Department
16	IQAC	Department
17	UBAN Coordinator	College
18	Women Protection cell coordinator	College
19	Innovation and incubation cell coordinator	College
20	Stock Verification Coordinator	College

15. Research Guidance:

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
15	1	0	0

16. 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	G. Nirmala	Street Light Controller Including Automatic Traffic Light Controller System Implementation on FPGA	IJRITCC International Journal on Recent and Innovation Trends in Computing and Communication.	International	SEP 2023	VOL 11 ISSUE 9	SCOPUS
2	G. Nirmala	An Approach for Object Detection using Thermal and Visible Images for Night Vision Surveillance	IJMTARC	International	APR to JUN 2022	VOL 9 ISSUE 37	UGC

3	G. Nirmala	An Approach for Object Detetion using Thermal and Visible Images for Night Vision Surveillance	IJMTARC	International	APR to JUN 2022	VOL 9 ISSUE 37	UGC
4	G.Nirmala, T.Manisha	Taming An Autonomous Surface Vehicle For Path Following And Collision Avoidance Using Deep Reinforcement Learning	IJRECE	International	JULY - SEPT 20211	Vol VOL 9, ISSUE 3	UGC
5	G. Nirmala	An Approach for Object Detetion using Thermal and Visible Images for Night Vision Surveillance	IJMTARC	International	APR to JUN 2022	VOL 9 ISSUE 37	UGC
6	Dr.G.Nirmala, Ch.L.V.Mrudulatha	A Scalable Method For Setection Of Hate Speech By Collecting Hateful And Offensive Expressions	IJRECE	International	July – SEPT 2019	VOL.7 ISSUE 3	UGC

7	GadiNirmala, VemuriJayama nasa	Fuzzy Identity-Based Encryption Data Service With Security Auditing In Clouds	IJRECE	International	July – SEPT 2018	VOL.7 ISSUE 3	UGC
8	G.NIRMALA, KORAPATI PRASANNA	Swindle Proclamation On Large Mobile	IJATIR	International	Dece mber- 2016.,	Vol.08 ,Issue. 22, Pages:	UGC
		Adhoch Networks				4252- 4254	
9	G.Nirmala, R.Nagasudha	Building Trustworthy And Resourceful Interrogation Services In The Cloud Using Knn-R Algorithm	IJSEAT	International	Nov ember 2015	VOL-3 Issue No.11, Page No. 934- 936	
10	G.Nirmala, V.Swapnalatha	Attribute Base Encryption For Secure And E- Sharing Records In Cloud	IJMCA	International	Septe mber- Octob er 2015	,VOL- 3 Issue No.5,P ageno. 319- 323	UGC
11	G.Nirmala	A Pragmatic Intervention Model For Network Consistency Evaluation InadhocNetw orks	IJCST	International	OCT- DEC 2014	Vol 5, Issue 4	UGC
12	G.Nirmala	Cooperative Fire Wall Optimization And Privacy Preservance	IJCST	International	OCT- DEC 2014	Vol 5, Issue 4	UGC
13	G.Nirmala	Aspect Based Retrieval Quality In Conversational Recommende rs	IJCST	International	OCT- DEC 2013	Vol 4,	UGC
14	G.Nirmala	A Study On Vulnerabiliti es And Their Impact In Web Applications	IJCST	International	OCT- DEC 2013	Vol 4,	UGC

15	G.Nirmala	Robust And Oblivious Image Watermarking Algorithm Based On Discrete Cosine Transform	IJCSIET	International	(July 2013).	Issue 2 Vol.03, Series 3,	Scopus
16	G.Nirmala	Vulnerability Problems In Target Machine	IJCSIT	International	(Jan 2012)	Issue 3 Vol.04, Series 3,	UGC
17	G. Nirmala, Yesubabuadimulam, P. Seetharamaiah	QSAR And Validation Analysis Onmmp-13 Inhibitors	SPRINGER: Computational Intelligence Techniques In Health Care, Springer Briefs In Forensic And Medical Bioinformatics	International	, 2016	Chapter-4,45-59	Scopus
18	G. Nirmala, Yesubabuadimulam, P. Seetharamaiah	Insilico Multivariate Regression Analysis And Validation Studies On Selective MMP-13 Inhibitors	IJCA	International	Nov-2015	Vol.130, NO.6,	Scopus
19	G. Nirmala, Yesubabuadimulam, P. Seetharamaiah	Computational Molecular Docking And Structural Specificity Of Bipyrazoles As Non-Zinc Chelating Inhibitors Of MMP-13	International Journal Of Computational Biology And Drug Design -	International	FEB 2016	Vol. 9, No.1/2 Pp. 16 2 - 17	SCI

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

S · N o	Author(s) Name	Title of the Paper	Name of the Conference/Journal	National / Internat ional	Mont h & Year	Page Nos
1.	Gadi Nirmala	Fuzzy Identity- Based Encryption Data Service With Security Auditing In Clouds	ICCVML (International Conference on computer Vision & machine Learning) on 27 th & 28th Dec 2018/ Journal of Physics	International	May 2019	Conf. Series 1228
2	G. Nirmala, Yesubabuadim ulam, P. Seetharamaiah	Computational Molecular Docking And Structural Specificity Of Bipyrazoles As Non-Zinc Chelating Inhibitors Of MMP-13	International Journal Of Computational Biology And Drug Design -	International	FEB 2016	Vol. 9, No.1/2 Pp. 162 – 17
3.	G. Nirmala	Robust And Oblivious Image Watermarking Algorithm Based On DCT	National Conference on Research Issues and Recent Trends in Computer Science & Information Technology NCRCSIT on 27 th and 28 th December, 2013/ International Journal of Computer Science and Technology	International	Oct to Dec 2013	Vol 4 Issue SPL4 19-23
4.	G.Nirmala	A Study On Vulnerabilities And Their Impact In Web Applications	National Conference on Research Issues and Recent Trends in Computer Science & Information Technology on 27 th and 28 th December, 2013/ International Journal of Computer Science and Technology	International	Oct to Dec 2013	Vol 4 Issue SPL4 70-72

5.	G.Nirmala		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
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18. No of Books Published:

S.No.	Author(s) Name	Title	Publisher	ISBN	Year of Publishing
1.	G.Nirmala	QSAR And Validation Analysis	Computational Intelligence Techniques In Health Care, Springer Briefs In Forensic And Medical Bioinformatics	978-981-10-0391-2	2016

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1.	-		-	-

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	FDP Program on "Soft Computing"	GEC College of Engineering, Gudlavalleru	27-01-2020	08-02-2020
2	ATAL Online FDP on "Data Sciences"	National Institute of Technology, Nagaland	11-05-2020	15-05-2020
3	Artificial Intelligence	Department of Computer science and Engineering, Engineering and Technology Program, GayatriVidyaParishad College for Degree and PG Courses(A) in collaboration with BRAIN O VISION	22-05-2020	26-05-2020
4	Prospects in Security and Privacy with Emerging Technologies	Sri Vasavi Engineering College	25-05-2020	30-05-2020

5	Data Science behind Natural Language Processing	Lakireddy Bala reddy College of Engineering, Mylavaram	08-06-2020	10-06-2020
6	Block chain Security and Smart Contracts	V R Siddartha Engineering College under AICTE MARGDARSHAN	15-06-2020	20-06-2020
7	Blockchain&Cybersecurity: A unique fusion to untangle present-day cyber security challenges	Andhra University College of Engineering(A) under ISEA Project, MEITY – Government of India	22-06-2020	26-06-2020
8	IOT & Machine Learning	G P R E College, Kurnool	26-06-2020	30-06-2020
9	Computer Vision and Machine learning	SIR CRR college of engineering, ELURU.	27-12-2018	28-12-2018
10	The Joy Of Computing Using PYTHON	NPTEL 12 WEEKs	July-Oct 2018	
11	International conference on computational intelligence and soft computing	Visakhapatnam	04-12-2017	05-12-2017
12	National workshop on Data mining and Business intelligence	SIR CRR college of engineering, ELURU.	27-03-2013	28-03-2013
13	International conference Bioinformatics and Computational Biology	Visakhapatnam	27-12-2014	28-12-2014
14	ATAL Online FDP on "QUANTUM COMPUTING at GOVERNMENT COLLEGE OF ENGINEERING	GOVERNMENT COLLEGE OF ENGINEERING	21-06-2021	25--06-2021
15	ATAL Online FDP on "Recent Advances and Trends in Lightweight Cryptography for IoT Security and Block chain Technologies"	University Institute of Technology, Rajiv Gandhi Vishwa vidyalaya Bhopal	27 -07-2021	3-07-2021
16	ATAL FDP on "Internet of Things an Emerging Technology in Electronics Industry"	Institute of Engineering and Technology, Devi Ahilya University, Indore	19 -07-2021	23-07-2021

21. Webinars: 07

S.No	NAME	TOPIC	UNIVERSITY/COLLEGE	DATE
1	Dr. G. Nirmala	COVID-19-Problems and Challenges of Women	G. Narayanamma Institute of Technology and Science, Hyderabad in association with CIWN	27-06-2020

2.	Dr. G. Nirmala	Participated in webinar “Design the Padagim for Schematic Learning-A Learner Centric Apporach”	VIGNAN JYOTHI INSTITIUTE OF MAMGEMENT, HYDERABAD	14-08-2020
3	Dr. G. Nirmala	Guidelines for Quality Publication of Project Works”	V.R.SIDDARTHA Engineering College, Vijayawada.	04-02-2022
4	Dr. G. Nirmala	International webinar on Research Methodology	S.R.R &CVR Degree College, Vijayawada.	05-02-2022
5	Dr. G. Nirmala	Legal Awareness Program	RAMCHANDRA COLLEGE OF ENGINEERING, ELURU.	04-03-2020
6	Dr. G. Nirmala	National seminar on Identification of Abusive Relations ships & Prevention of Domestic Voilence.	Sir C R Reddy College, ELURU.	07-03-2022
7.	Dr. G. Nirmala	Participated in Intellectual Property Awareness/Training program organized by Intellectual Property Office, India	Sir C R Reddy College of Engineering, ELURU.	23-12-20222

22.Sponsored Projects:

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

23.Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed

24.No of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted
1.	INTEGRATED IOT (INTERNET OF THINGS) SYSTEM SOLUTION FOR SMART AGRICULTURE.	202311088077	2023	Granted

25.Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received

26. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1.	IEI	AM096391-5	LIFE MEMBER

27. Membership in BOS/ Editorial Boards:

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

28. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):**29. Details of Innovative Design/ Development of Product or Model (if any):****30. Technology Transfer:****31. Special Achievements (If any):****32. Personal Details:**

- (a) Father's Name : **G.KoteswaraRao**
(b) Mother's Name : G.SasiKala Devi
(c) Gender : Female
(d) Marital Status : Married
(e) Religion : Hindu
(f) Nationality : Indian



Signature