

## FACULTY PROFILE

1. **Name** : VENKATA UMA KARUNA DEVI KAKARLA
2. **Designation** : ASSISTANT PROFESSOR
3. **Department** : MATHEMATICS
4. **Date of Joining** : 3-07-2015
5. **Nature of Employment:** Regular
6. **Date of Birth** : 14-07-1976
7. **Unique ID (AICTE FID) :** 1-2657894189
8. **Email** : umasai.kakarla@gmail.com
9. **Phone** : 91-9490171169
10. **Address for communication:** H.NO. 28-1-95,  
4<sup>th</sup> lane, Santhinagar,  
Eluru-534007 W.G.DT



### 11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	GITAM INSTITUTE, VISAKHAPATNAM	GITAM UNIVERSITY	MATHEMATICS	PURSUING	
PG	A.N.R.P.G COLLEGE, GUDIVADA	ACHARYA NAGARJUNA UNIVERSITY, GUNTUR	MATHEMATICS	2000	FIRST
UG	SIR C. R. REDDY COLLEGE FOR WOMEN, ELURU UNIVERSITY	ANDHRA UNIVERSITY	M.P.C	1997	FIRST WITH DISTINCTION
Inter/Diploma	ST.THERESAS COLLEGE FOR WOMEN, ELURU	BOARD OF INTERMEDIATE ST.THERESAS COLLEGE FOR WOMEN, ELURU	M.P.C	1994	SECOND
SSC	ST.THERESAS GIRLS HIGH SCHOOL, ELURU	S.S.C	---	1991	FIRST

### 12. Work Experience:

**Teaching: 17 YEARS      Research:                      Industry:                      Total: 17 YEARS**

NAME OF THE ORGANIZATION	DESIGNATION	DATE FROM	DATE TO
SIR CRR COLLEGE OF ENGINEERING, ELURU.	ASSISTANT PROFESSOR	JULY 2015	TILL DATE
SIR CRR COLLEGE FOR WOMEN, ELURU.	LECTURER	JUNE 2000	MAY 2011

### 13. Courses taught:

S.No.	Name of the subject	UG/PG
1	MATHEMETICS- I	UG
2	MATHEMETICS- II	UG
3	MATHEMETICS- III	UG
4	MATHEMETICS-IV	UG
5	MATHEMETICS-V	UG

**14. Administrative Responsibilities:**

S.No.	Description	College/ Department level
1	Class Incharge	Department level
2	Attendance Incharge	Department level
3	Examination Cell Member	Department level

**15. Research Guidance:**

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing

**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	K. V. Uma Karuna Devi, CH. Suneetha	Elliptic Curve Cryptography with Reduced Cipher Bandwidth- A New Approach to Conventional ECC,	Design Engineering	International	JUNE-2021	Issue: 6, Pages: 5570 – 5581,	SCOPUS
2	K. V. Uma Karuna Devi, CH. Suneetha	Digital Signature Algorithm to Maintain Perfect Forward Secrecy (PFS) Using Hyperelliptic Curve Cryptosystem	Design Engineering	International	JULY-2021	Issue: 7, Pages: 1584-1593	SCOPUS,
3	K. V. Uma Karuna Devi,	Optimizing The Network	International Journal of Computer	International	SEP-2013	Vol 4 Issue: 2,	UGC

	T.Padmaja	Failures by Self-Determining Acyclic Digraph	Science And Technology			Pages: 693-696	
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**17. 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

**18. No of Books Published:**

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

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

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

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	Five days online International faculty development program on online teaching tools for video lecturing and digital e-learning.	Sir C R Reddy Degree college, Eluru	04-05-2020	08-05-2020
2	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
3	Online faculty development programme on Artificial Intelligence	Sir C R Reddy College of Engineering, Department of IT	22-05-2020	26-05-2020
4	One day National Level Faculty Development Programme on	QIS College of Engineering and	08-06-2020	08-06-2020

	Plagiarism free research report writing	Technology		
5	FDP on Innovative techniques for effective teaching online and offline	Mahatma Gandhi Institute of Technology, Hyderabad	12-06-2020	13-06-2020
6	Formulating learning Outcomes for a unit a course	CRR College of Engineering, Eluru	28-10-2020	1-11-2020

### 21. Sponsored Projects:

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

### 22. Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed

### 23. No of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted

### 24. Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received

### 25. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type

### 26. Membership in BOS/ Editorial Boards:

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

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

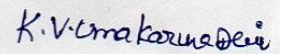
**28. Details of Innovative Design/ Development of Product or Model (if any):**

**29. Technology Transfer:**

**30. Special Achievements (If any):**

**31. 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



Signature