

## FACULTY PROFILE

1. Name : SANGAM RAVI KUMAR
2. Designation : Asst. Professor
3. Department : First year Engineering Dept.
4. Date of Joining : 26-10-2013
5. Nature of Employment : Regular
6. Date of Birth : 13-06-1984
7. Unique ID (AICTE FID) : 1-2186869053
8. Email : sangamravi4u@gmail.com
9. Phone : 9291552645
10. Address for communication: H.No 97/a, Venkatadripuram, Annavaram post, Nuzvid Mandal, Krishna Dt.



### 11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	Andhra University Science & Arts College	Andhra University	Mathematics	pursuing	
PG	A.N.R.P.L Arts & Science College	Acharya Nagarjuna University	Mathematics	2006	FIRST
UG	Sir C. R. Reddy college	Andhra University	B.Sc, Computers	2004	FIRST
Inter/Diploma	Sir C. R. Reddy college	Board of Intermediate	M.P.C	2001	SECOND
SSC	Z.P.H.SCHOOL	Secondary school education	ALL	1999	FIRST

### 12. Work Experience: 15

Teaching:15

Research:

Industry:

Total: 15

Name of the Organization	Designation	Date From	Date To
A.N.R.P.L Arts & Science College	LECTURER	Aug 2006	April-2008
NUZVID POLYTECHNIC	LECTURER	June-2008	May-2012
WEST GODAVARI INSITITUTE OF SCIENCE & ENGG. (WISE)	Asst. Professor	Sep 2012	Oct-2013
Sir C.R.R COLLEGE OF ENGG	Asst. Professor	OCT-2013	TILL DATE

**13. Courses taught:**

S.No.	Name of the subject	UG/PG
1	MATHEMATICS-I	UG
2	MATHEMATICS-II	UG
3	MATHEMATICS-III	UG
4	MATHEMATICS-IV	UG
5	OPERATION RESEARCH	UG
6	PROBABILITY & STASTICS	UG
	QUANTITATIVE & TECHNICS	PG

**14. Administrative Responsibilities:**

S.No.	Description	College/ Department level
1	Time table committee convenor	Department level
2	Subject coordinator	Department level
3	Anti Ragging	College level

**15. Research Guidance:**

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

**16. Research Publications in Journals (National/International):**

S.N o.	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	S.RAVIKUMAR & G. SRINIVASARAO	A Survey on Mathematics Fuzzy Logic Model	International Journal of Science Engineering and Advance Technology, IJSEAT	International	2017	Issue 10 06 (971-976)	Others
2	G. SRINIVASARAO & S.RAVIKUMAR	Mathematical Fuzzy Logic Method on Parents and Their Situations towards Children's	International Journal of Science Engineering and Advance Technology, IJSEAT	International	2017	Special Issue 21 05 (977-981)	Others
3	SK.BAJI & S.RAVI KUMAR	Secured Data Encryption Evaluation on Transmission Network using	International Journal of Science Engineering and	International	2018	Issue 09 05 (319-323)	Others

		Fuzzy Logic	Advance Technology, IJSEAT				
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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
1	S.RAVIKUMAR & L.SWETHA	Review on Fuzzy set theory AND its Operations	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	International	2017	06 (74-79)

**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.	Tools for making your thesis complete	USA RAM, Trelaprollu	7-06-2020	7-06-2020
2.	Similarity measure in Fuzzy numbers & its Applications	Dr.N.G.P. institute of technology, chennai	13-06-2020	13-06-2020
3.	Two days international Recent Advances in Mathematics and covid-19	St.Josph's college for women, Visakhapatnam	15-6-2020)	16-6-2020(F.N)
4.	One week online national FDP on Mathematics modeling and simulation	M.V.S.R. Engineering college , Hyd	25-06-2020	30-06-2020
5.	Two days national level webinar on	Islamiah women	2-07-2020	3-07-2020

	Graph theory and its application	Arts & Science college, Vaniyambadi, Tamilnadu		
6.	One week online national FDP on Application of Mathematics in Science and Engineering	Vishnu institute of technology, Bhimavaram	7 <sup>th</sup> to 11 <sup>th</sup> July 2020	11 <sup>th</sup> July 2020
7.	Statistical Analysis as an interface in engineering problems	Chaitanya Bharathi institute of technology, Hyd	13-07-2020	13-07-2020
8.	Facing Applications of Mathematics in Various Fields	Avinashilingam institute of technology, Coimbatore	15-7-2020	16-7-2020
9.	International Work shop on Accelerate Research	Anurag University, Hyd	22 -9-2020	26 -9-2020
10.	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

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### 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):

S.NO	DATE	TOPIC	YOUTUBE LINK
1	25-05-21	Introduction on Probability and definitions	<a href="https://youtu.be/TJzGF49W0Vo">https://youtu.be/TJzGF49W0Vo</a>
2	26-05-21	Addition theorem	<a href="https://youtu.be/H8SsE7DPDNE">https://youtu.be/H8SsE7DPDNE</a>
3	27-05-21	Problems on Addition theorem	<a href="https://youtu.be/LKqAeOnTzW8">https://youtu.be/LKqAeOnTzW8</a>
4	01-06-21	Multiplication theorem	<a href="https://youtu.be/pdPleYhg5wc">https://youtu.be/pdPleYhg5wc</a>
5	03-06-21	Baye's theorem	<a href="https://youtu.be/2iBMVZIAEwE">https://youtu.be/2iBMVZIAEwE</a>
6	08-06-21	Problems on Baye's theorem	<a href="https://youtu.be/7XdXqIUPU4A">https://youtu.be/7XdXqIUPU4A</a>
7	09-06-21	Random variables	<a href="https://youtu.be/h5H4zGSVGwo">https://youtu.be/h5H4zGSVGwo</a>
8	10-06-21	Mean and Variance	<a href="https://youtu.be/3FO4cFkt4gM">https://youtu.be/3FO4cFkt4gM</a>
1	17-05-21	Introduction on vectors and formulas	<a href="https://youtu.be/RJSIUZmgQVw">https://youtu.be/RJSIUZmgQVw</a>
2	18-05-21	Directional Derivative	<a href="https://youtu.be/QnLm1hCv2RE">https://youtu.be/QnLm1hCv2RE</a>
3	19-05-21	Angle between two surfaces	<a href="https://youtu.be/C2qUzPQjWQw">https://youtu.be/C2qUzPQjWQw</a>
4	22-05-21	Solenoidal and Irrotational	<a href="https://youtu.be/wgqwUsU4S_o">https://youtu.be/wgqwUsU4S_o</a>
5	24-05-21	Problems on div and curl	<a href="https://youtu.be/lx6Xhf-xpNg">https://youtu.be/lx6Xhf-xpNg</a>
6	25-05-21	Del applied to twice to vector point functions	<a href="https://youtu.be/QQU20fWEpBc">https://youtu.be/QQU20fWEpBc</a>
7	26-05-21	Vector integration and line surface integrals	<a href="https://youtu.be/9AQ4WzwdkbM">https://youtu.be/9AQ4WzwdkbM</a>
8	29-05-21	Verify and Apply Green's theorem	<a href="https://youtu.be/anBx6uzmPzA">https://youtu.be/anBx6uzmPzA</a>
9	31-05-21	Verify Stokes's theorem	<a href="https://youtu.be/CiNXHbulohw">https://youtu.be/CiNXHbulohw</a>
10	01-06-21	Apply Stoke's theorem	<a href="https://youtu.be/fuChK_0chw">https://youtu.be/fuChK_0chw</a>

11	05-06-21	Verify and apply Gauss divergence theorem	<a href="https://youtu.be/G2nyVVHAUbk">https://youtu.be/G2nyVVHAUbk</a>
12	07-06-21	Conservative, scalar potential, cylindrical and spherical coordinates	<a href="https://youtu.be/X-2Hc3SbGKY">https://youtu.be/X-2Hc3SbGKY</a>
13	08-06-21	Introduction on Laplace transforms	<a href="https://youtu.be/1rvgDTaKqbc">https://youtu.be/1rvgDTaKqbc</a>
14	09-06-21	Linearity Property	<a href="https://youtu.be/2i9BkkLJeKw">https://youtu.be/2i9BkkLJeKw</a>
15	12-06-21	First shifting theorem and change of scale property	<a href="https://youtu.be/s9tcr9NuBUU">https://youtu.be/s9tcr9NuBUU</a>
16	14-06-21	multiplication by $t^n$ and division by $t$	<a href="https://youtu.be/Wp4d-IIF6ql">https://youtu.be/Wp4d-IIF6ql</a>
17	15-06-21	Evaluation of integrals	<a href="https://youtu.be/AuMSWu9CZHg">https://youtu.be/AuMSWu9CZHg</a>
18	16-06-21	Introduction of inverse Laplace transforms	<a href="https://youtu.be/ptdozKT0tpM">https://youtu.be/ptdozKT0tpM</a>
19	20-06-21	Solve D.E by using L.T	<a href="https://youtu.be/AuMSWu9CZHg">https://youtu.be/AuMSWu9CZHg</a>
20	21-06-21	Introduction on Fourier series and Euler's theorem	<a href="https://youtu.be/cCg7W3JlbVQ">https://youtu.be/cCg7W3JlbVQ</a>
21	22-06-21	Change of interval, Even or Odd and Half range series	<a href="https://youtu.be/cCg7W3JlbVQ">https://youtu.be/cCg7W3JlbVQ</a>
22	23-06-21	Fourier integrals	<a href="https://youtu.be/OzGwRT3FNhl">https://youtu.be/OzGwRT3FNhl</a>
23	26-06-21	Fourier transforms	<a href="https://youtu.be/fhG9Qc6DS18">https://youtu.be/fhG9Qc6DS18</a>
24	28-06-21	Parseval's identity for F.T	<a href="https://youtu.be/wqHV5EzZHvg">https://youtu.be/wqHV5EzZHvg</a>
25	29-06-21	Formation of PDE by eliminating arbitrary constants and functions	<a href="https://youtu.be/Q1INADA1kVM">https://youtu.be/Q1INADA1kVM</a>
26	30-06-21	Direct integration in PDE	<a href="https://youtu.be/73b-WB9XCF0">https://youtu.be/73b-WB9XCF0</a>

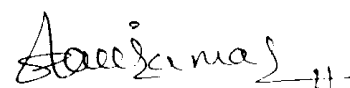
**28. Details of Innovative Design/ Development of Product or Model (if any):**

**29. Technology Transfer:**

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

**31. Personal Details:**

- (a) Father's Name : SANGAM NAGENDRA RAO  
(b) Mother's Name : DHANALAKSHMI  
(c) Gender : MALE  
(d) Marital Status : MARRIED  
(e) Religion : HINDU  
(f) Nationality : INDIAN



Signature