

## PROFILE

1. Name : Kum K.T.N.Jyothi
2. Father's Name : K. Narasimha Murthy
3. Date Of Birth : 13-09-1991
4. Place of Birth : Kakinada
5. Designation : Lecturer in Mathematics
6. Qualification : M.Sc(Applied Mathematics),  
Ideal P.G. College,  
Kakinada



7. Appointment and Experience: 01-12-2014

1. Five months of experience as a junior lecturer in Narayana junior college, Kakinada.
2. 7 years of experience as a mathematics lecturer Ideal College of Arts & Sciences, Kakinada (still working).

8. Seminars/Conferences/Symposia attended:

1. Attended Two day National seminar on April 28-29, 2016 at Adikavi Nannaya University.
2. Attended for **one day seminar** on “**Faculty Knowledge Program**” conducted by IBS, Hyderabad at Rajahmundry on 30-07-2016.
3. Participated in **Two day National seminar** on “**Recent trends in Mathematics & Statistics**”, organized Department of Mathematics, P.R.Govt college, Kakinada from 28<sup>th</sup> to 29<sup>th</sup> September 2016.
4. Participated in **One day National seminar** on “**Recent trends in teaching Mathematics**”, organized Department of Mathematics, S.K.B.R college, Amalapuram on 24-02- 2017.
5. Attended National Conference on Emerging Research Trends in Pure and Applied Mathematics,during 29<sup>th</sup> -30<sup>th</sup> Aug, 2017 in the Department of Applied Mathematics, SPMVV, Tirupati.
6. Participated in National Conference on Recent Advances in Mathematics and its Applications (NCRAMIA-17) in honour of Superannuation of Prof.S.V.K. Varma, Dept.Of Mathematics, Sri Venkateswara University at Tirupati on 29 Aug 2017.
7. Attended UGC sponsored State Level Faculty Development Programme on “ **Project Work in Mathematics**” on 27<sup>th</sup> October, 2017 organized by department of Mathematics and Statistics.
8. Attended Two day national seminar on “**Role of chemist for sustainable Environment**” on 13<sup>th</sup> and 14<sup>th</sup> December, 2017, organized by department of chemistry, KBN College, Vijayawada.
9. Attended ICSSR Sponsored Two- Day National Seminar “**GREEN ACCOUNTING - ISSUES and IMPLEMENTATION**” on 8<sup>th</sup> & 9<sup>th</sup> December, 2017 organized by Research Promotion and Monitoring Cell, KBN college, Vijayawada.
10. Attended International Conference on “**Materials For Energy And Environmental Protection**” on 12<sup>th</sup> and 13<sup>th</sup> February, 2018 organized by Department of Physics, Chemistry & Electronics, CR Reddy College , Eluru, West Godavari.

9. Paper presentations:

1. Presented a paper on “**Applications of Solid geometry in Architecture**” at **Two day National seminar** on “Recent trends in Mathematics & Statistics”, organized Department of Mathematics, P.R.Govt college, Kakinada from 28<sup>th</sup> to 29<sup>th</sup> September 2016.

2. Published following Papers for National Conference on Emerging Research Trends in Pure and Applied Mathematics, during 29<sup>th</sup> -30<sup>th</sup> Aug, 2017 in the Department of Applied Mathematics, SPMVV, Tirupati.

- a. Mathematical Modelling in epidemiology
- b. Mathematics and Society
- c. Applications of mathematics in medicine

These papers are published in RJST journal.

- a. <http://rjstonline.com/AbstractView.aspx?PID=2017-9-3-8>
- b. <https://www.http://rjstonline.com/Current%20Issue.aspx>
- c. <http://rjstonline.com/AbstractView.aspx?PID=2017-9-3-21>

3. Presented following Papers National Conference on Recent Advances in Mathematics and its Applications (NCRAMIA-17) in honour of Superannuation of Prof.S.V.K. Varma, Dept.Of Mathematics, Sri Venkateswara University at Tirupati on 29 Aug 2017.

- a. **Mathematical Modeling in Botany**
- b. **Mathematics in Magneto Hydrodynamics**

4. Attended Two day national seminar on “ Role of chemist for sustainable Environment” on 13<sup>th</sup> and 14<sup>th</sup> December, 2017 organized by department of chemistry, KBN college, Vijayawada and presented a paper on “**Maintain environment sustainability by plantation**”
5. Attended ICSSR Sponsored Two- Day National Seminar “GREEN ACCOUNTING - ISSUES and IMPLEMENTATION” on 8<sup>th</sup> & 9<sup>th</sup> December, 2017 organized by Research Promotion and Monitoring Cell, KBN college, Vijayawada and presented a paper on “ **Ancient Methods for Maintain Green Accounting**”
6. Attended International Conference on “Materials For Energy And Environmental Protection” on 12<sup>th</sup> and 13<sup>th</sup> February, 2018 organized by Department of Physics, Chemistry & Electronics, CR Reddy College , Eluru, West Godavari and presented a paper on “ **Water waste management by sewage treatment**”.

10. online seminars / workshops / symposiums/ faculty development programs / conferences attended :

S..No	Title of the Webinar	Mode Online/ Offline	Organized by College/Institution	Dates
1	“SAANTVANA - National webinar on coping with Psychological issues during COVID-19”	Online	SGK Government degree college, vinukonda Guntur Dt.	07-05-2020
2	Role of us in academic planning and execution in view of covid-19 pandemic and subsequent lock down	Online	K.G.R.L.College (A)-Degree & PG Courses	09-05-2020
3	The New Face of Higher Education after COVID-19	Online	ACHARYA NAGARJUNA UNIVERSITY	10-05-2020
4	Diagonastic Techniques for virus Detection	Online	SCNR Govt degree college, proddatur	14-05-2020
5	Demonstration of ICT Tools for online teaching learning and assessment	Online	D.N.R. college,Bhimavaram	15-05-2020
6	‘Corporate Social Responsibility and ‘Sustainable Development’: Lessons from the Pandemic	Online	Institute of Public Enterprise, Hyderabad and Adikanvi Nannaya University,	15-05-2020

7	Strategies for Preparation & Cracking Civil Services Examination	Online	Jawahar Knowledge Centre & Center for Capacity Building, Government Degree College, Ravulapalem	17-05-2020
8	Online software Tools for Remote Teaching & Learning	Online	AURORA'S DEGREE & PG COLLEGE	18-05-2020
9	online FDP on Business Analytics and Its Applications	Online	VIT-AP School of Business, VIT-AP University, Andhra Pradesh	18-05-2020
10	“ENVIRONMENTAL FORENSICS”	Online	School of Environmental Sciences, Bharathidasan University, Tiruchirappalli, Tamil Nadu, INDIA	19-05-2020 to 21-05-2020
11	National Webinar on Research Methodology	Online	SVD. Government Degree College(W), Nidadavole, West Godavari district,	21-05-2020
12	Analytics of Air pollution covid-19 pandemic	Online	Bharatidasan institute of Technology, Anna university, Tiruchanapalli	21-05-2020
13	Two Day International Webinar on “Impact of Covid-19 on Environment and Science & Technology”	Online	P.R.Govt degree college , kakinada	26-05-2020 ,27-05-2020
14	“Employability Skills and Emotional Intelligence	Online	Department of Computer Science & Jawahar Knowledge Center of V.S.R. Govt.Degree & P.G. College, Movva, Krishna District	26-05-2020
15	‘Learning and Development in Pandemic Times’,	Online	Institute of Public Enterprise, Hyderabad.	26-05-2020
16	Awareness and readiness of covid-19	Online	<u>Ch.D.St.</u> Theresa's college for women(A),ELuru	26-05-2020
17	TwoDay International FDP Webinar on “Challenges and Opportunities in Higher Education in COVID 19 Scenario: The Way Forward”	Online	St.Joseph colleg for women, visakapatnam	27-05-2020 ,28-05-2020
18	one day National Webinar on “Post Lockdown Academic Challenges in Higher Education Institutions”	Online	IQAC of Government College for Women(A),Guntur	28-05-2020
19	Two Day Webinar on "The role of personnel & Technology in Higher education post covid-19	Online	<u>Ch.D.St.</u> Theresa's college for women(A),ELuru	1-06-2020 to 2-06-2020
20	One Day National Webinar on “DIGITAL PARENTING”	Online	Founder of End Now Foundation, HYDERABAD.,	01-06-2020
21	“PARYAVARNA- National Webinar on the impact of Lockdown on our Eco-System”	Online	SGK Government degree college, vinukonda Guntur Dt.	02-06-2020
22	National webinar on “Quality in Higher Education”	Online	Tagore Government Arts College, Puducherry	02-06-2020
23	creative writing of Research proposals & Articles	Online	Adikavi Nanaya university,	04-06-2020

			Rajamahendravaram	
24	National Webinar- One Day Faculty Development Programme on “Beauty and Ingenuity of Basic Concepts in Algebra”	Online	Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA	04-06-2020
25	Two Day National Webinar entitled Analytical and Diagnostic Tools in Chemical and Life Sciences	Online	Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences.	05-06-2020 to 06-06-2020
26	one day National webinar on “Role of Teachers to Ameliorate the psychological impact of covid-19 on student community”	Online	Govt degree college, Ramachandrapuram	06-06-2020
27	National Webinar on Soft Skills	Online	Government Degree College, Ichapuram, Srikakulam district, Andhra Pradesh	07-06-2020
28	One Day National Webinar on “Edtools for making Online Learning more Effective”	Online	St.Joseph colleg for women, visakapatnam	08-06-2020
29	International Webinar on Role of science & Technology in the diaganosis of novel corona virus	Online	Dr.B.R. Ambedkar college, Hyderabad	10-06-2020
30	Four day national webinar on impact of covid -19 on educational sector in india and strategies to face the pandemic	Online	K.B.N college, Vijayawada	10-06-2020 to 13-06-2020
31	Current & future scenario of air pollution and its impact on human health	Online	PAMULAPATI BUTCHI NAIDU COLLEGE	12-06-2020
32	ONE DAY NATIONAL LEVEL WEBINAR on Digital Era in Indian Higher Education	Online	Shri Shivaji College, Parbhani and Shivaji College, Hingoli	12-06-2020
33	National Webinar on “Community Services: COVID-19”	Online	Sri Y.N college	13-06-2020
34	National Level Webinar on “Paradigm Shift From Offline to Online Teaching”	Online	KRM DAV College, Nakodar, Jalandhar, Punjab	13-06-2020
35	National Webinar on “Effective Enlightening Expertise for Faculty	Online	K.G.R.L.College (A)-Degree & PG Courses	14-06-2020
36	one day webinar on How to create course and course activities in open source online learning	Online	Hindu college, Guntur	14-06-2020
37	two day international webinar on “Recent Advances in Mathematics & Covid-19”	Online	St. Joseph’s College for Women(A), Visakhapatnam, Andhra Pradesh in association with UASMS & SMSMS	15,16-06-2020
38	“National Webinar on “Topological Indices-worm’s Eye view”	Online	St.Joseph college of arts & sciences, cuddalore, Tamilnadu	17-06-2020
39	National Webinar on Fuzzy Applications	Online	St.Joseph college of arts & sciences, cuddalore, Tamilnadu	18-06-2020
40	Webinar on Online Teaching, Learning and Evaluation During COVID-19	Online	Government College, Narnaul, Haryana, INDIA.	19-06-2020

41	Webinar on One Platform to Discover all Scholarly E-Journal Literature	Online	BV Raju Institute of Technology & Informatics Publishing Limited, Bangalore	19-06-2020
42	National webinar on Mathematical Applications on Differential Equations	Online	Sir C R Reddy college , Eluru	26-06-2020
43	One day national webinar on Bundle of Tools for online Teaching	Online	Sri ramakrishna mission vidyalaya college of Education	27-06-2020
44	One Day Webinar in "ICT TOOLS"	Online	S.C.I.M Govt degree college , Tanuku	29-06-2020
45	Online webinar on Linearization using Operator Theory for a Non-linear dynamic systems	Online	CMR Institute of Technology, Bengaluru	14-08-2020
46	International Webinar on VECTOR SPACES OVER PRE A* - ALGEBRAS	Online	Government Degree College Narsipatnam	17-09-2020
47	International seminar Life works of sir C.V.Ramam		Indian Institute of social Reform & Research	13/03/2022
Works hops (No.:8)	One day National Workshop on "Matlab Applied Sciences"	Offline	organized by Department of mathematics & Computer science, M.V.N JS & RVR college of arts & Sciences	19-09-2019
	One day Regional Workshop on "Skill Development"	Offline	sponsored by RUSA organized by Department of Chemistry, Sri Kandukuri Rajyalakshmi College for Women, Rajamahendravaram.	12-12-2019
	two day online workshop on Modern methods for teaching learning practices	Online	Krishna university	12,13-05-2020
	ICT Tools for teaching and learning	Online	K.G.R.L.College (A)-Degree & PG Courses	15,16-05-2020
	one day International e-Workshop on 'The Significance of Yoga in Pandemic'	Online	N.S.S. Cell Govt. of Maharashtra, Regional Directorate of NSS, Pune and N.S.S. Department of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	21-06-2020
	Science Leadership Workshop	Online	Central , University of Punjab, Bathinda, India	22-06-2020 to 28-06-2020
	Oline instructional school for teachers (IST)	Online	National institute of technology Arunachal pradesh	20-02-2021 to 28-03-2021
	International workshop on Shape your future-Share not your ideas	Online	IQAC, Placement cell & JKC, G.D.C.,Avanigadda	21/03/2022 to 26/03/2022
FDP (No.: 13)	National level Faculty development program on tools for online class room post covid-19	Online	P,B. Siddartha college of arts & sciences and computer society of India	18-05-2020 to 20-05-2020

	five days online Faculty development program on introduction to data science	Online	CodegnanIT solutions& Guntur engineering college	18-05-2020 to 22-05-2020
	Two Days National Level FDP on “ART OF WRITING & PUBLISHING RESEARCH PAPER AND APPLICATION OF STATISTICAL TOOLS”	Online	AURORA'S DEGREE & PG COLLEGE	27-05-2020 ,28-05-2020
	Three Day National Level Online Faculty development program on TEACHING PEDAGOGY-TET: Effective Tool for Efficient Teaching”	Online	Dept.of Electronics, Computer Science(UG & PG) and Management Studies, K.G.R.L.College	29-05-2020 to 31-05-2020
	One Week Faculty Development Programme on "Open Source Tools for Research"	Online	Teaching Learning centre, Ramanujan college , University of Delhi	08-06-2020 to 14-06-2020
	National Level 3 Day Virtual faculty development program on “Moving to Master Science in Technology (MMST:2020)”,	Online	potti sriramulu chalavadi mallikarjunarao college of engineering & Technology	18-06-2020 to 20-06-2020
	OneWeek International Faculty Development Program on “Research Strategies and Promotion of Teaching-Learning Process”	Online	Bharat Institute of Engineering and Technology, Hyderabad, Telangana	June 2020
	One Week Faculty Development Programme on "Entrepreneurship, Incubation and Innovation"	Online	Teaching Learning centre, Ramanujan college , University of Delhi	23-06-2020 to 29-06-2020
	“A Three day National Level FDP On Online Teaching Using ICT Tools”	Online	S.K.V.P & Dr.K S Raju Arts &science college, penugonda	23-06-2020 to 25-06-2020
	One Week Online International FDP on “Importance of Mathematics in Science and Technology”	Online	GMR Institute of Technology, Rajam, AP, India	25-06-2020 to 29-06-2020
	Five-Day Online International Faculty Development Program on Role of Applied Sciences in Industry & Engineering (IFDPRASIE-2020)	Online	University College of Engineering, Osmania University Hyderabad in association with APTSMS	02-08-2020 to 06-08-2020
	One Week Faculty Development Program on Real Analysis	Online	Kakatiya University, Warangal	05-09-2020 to 10-09-2020
	Hybrid and blended learning	Online	Physics,chemistry& IQAC, Y.V.N.R govt.degree college, Kaikaluru	21/02/2022 to 25/02/2022
Conference (No:1)	Indo-UK Virtual Conference ‘Current Innovations and the Future of Therapeutic Developments’ CIFTD-2020,	Online	Centre for Biomaterials Cellular & Molecular Theranostics (CBCMT) at Vellore Institute of Technology (VIT), Vellore, India and Swansea University, United Kingdom	1-06-2020 to 3-06-2020
Symposium (1)	International symposium on Mathematical sciences & their applications MSATA-2022	Online	Applied Mathematics, Yogivemana university,kadapa	28/01/2022, 29/01/2022

**Seminars and Webinars: 47**

**No. of FDP: 13**

**No. of workshops: 8**

**No. of Conference: 1**

**11. Contribution to college administration:**

Member: Women empowerment cell

12. Extra Activities: Participating in all college activities

13. Residential Address: K.T.N. Jyothi,  
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