Profile of- Dr.G.Venkata Rao, *M.Sc,M.Phil,Ph.D (Maths)*

Full Name	: Dr. VENKATA RAO GUNTUR
E-mail Address	: drgvrao15@gmail.com
	gvr.snh@aknu.edu.in
Phone No.	: 73821 31821, 9247778825
PAN Number	: ALIPG7621G
Passport No.	: G2298063
Adhaar	: 821003872659
Employee ID	: 10527

Research Area of Specialization: **Fixed Point Theory and its Applications.**

Teaching Experience: *25 years (18 years in Sri Prakash Education Institutes, TUNI & 07 years in Adikavi Nannaya University, RJY)*

- At present I have been working as **Assistant professor** of Mathematics in *The Department of Science and Humanities, in* **University College of Engineering, Adikavi Nannaya University, Rajamahendravaram**, E.G. (Dist.) A.P, from 29.06.2018 to till date.

- Worked as *Professor* and ***Head of the Department*** *of Basic Science and Humanities, in* **Sri Prakash College of Engineering, Tuni**, E.G. (Dist.) A.P, from 06/06/2015 to 28.06.2018.

- Worked as **Associate Professor** and **Head** of the *Department of Basic Science and Humanities*, in **Sri Prakash College of Engineering**, Tuni, E.G(Dist). A.P, from 01/06/2011 to05/06/ 2015.

- Worked as **Assistant Professor** *in SPACES College for P.G. Studies* from 01/12/1999 to 31/05/ 2005, **Associate Professor** *in SPACES College for P.G. Studies*, from01/06/ 2005 to31/05/ 2011, Payakarao Peta, Visakhapatnam(Dist), A.P.

- Worked as *Lecturer in SPACES Degree College*, Payakarao Peta, Visakhapatnam (Dist), A.P, from 08/06/1999 to 30/11/1999.

Educational Qualifications:

- **Ph.D.** degree from Andhra University, May, 2015.
  Research Title: "**Some Studies on Fixed Point Theory**"
- M.Phil. from Madurai Kamaraj University, 2006.
- M.Sc. (Maths) from Nagarjuna University, 1999.
- B.Sc (MPE) from P.N.C. & K.R. Degree College, Narasaraopeta, 1997.
- Intermediate from N.V.R. Junior College, Narasaraopeta, 1994.
- S.S.C. from Z.P. High School, Savalayapuram, 1992.

Subjects Handled: **Engineering Mathematics**

Engineering Mathematics-I (Linear Algebra & Calculus)

 Engineering Mathematics-II (Differential Equations & Vector Calculus)

Engineering Mathematics-III (Numerical Methods & Complex Integration)

Mathematical Foundations of Computer Science (MFCS or DMS)

Complex Analysis & Functional analysis

Key skills and expertise:

- Experienced in planning /organizing lesson plans.
- Passionate about teaching and student development.
- Experienced in carrying out allotted duties in the college.
- Experienced in developing digital material and delivering power point presentation.

Contributions:

- *Item Writer for JEE (Mains from 2020-2023) Mathematics, organized by NTA, Dept. of Higher Education, Govt. of India, New Delhi.*
- *BOS member in various Engineering College BVC-Amalapuram,BVC-Rjy,ISTS-Rjy,VSM-Ramachandrapuram,KITS-Divili.*
- Acting as academic coordinator since 2012 to 2018 in SPCE, Tuni.
- Active participation in Administration works such as AICTE, JNTUK, SBTET, AFRC.
- Acting as a member in Grievance cell since2012 to2018 in SPCE.
- Acting as a member in Grievance cell since 2019 to till date in UCE, AKNU,RJY.
- Acting as a faculty coordinator of RISE Club since 2020 to till date in UCE,AKNU,RJY.

Recognized Reviewer for:

- *International Journal of Engineering Research and Technology (ISSN 2278-0181).*
- *Asian Journal of Current Research(ISSN 2456-804X)*
- *Sigma Journal of Engineering and Natural Science((ISSN1304-7205)*

Membership:

- *Life Member in Andhra Pradesh Society for Mathematical Science (APTSMS)*
- *Membership in Institute For Engineering Research And Publication (IFERP)*

BOOKS PUBLISHED: 05

1. Title: A TEXT BOOK OF ENGINEERING MATHEMATICS-III
   Authors: Dr. G. Venkata Rao and Dr. A. V. Papa Rao,
   Year: 2017,   ISBN: 978 – 81 – 315 – 3339 – 0

2. Title: A TEXT BOOK OF ENGINEERING MATHEMATICS-I
   Authors: Dr. S.K. Vali, Dr. G. Venkata Rao and Dr. A. V. Papa Rao
   Year: 2017, ISBN: 978 – 93 – 866 – 5097 – 9
   Publisher: CENGAGE International Publishers.

3. Title: A TEXT BOOK OF I B.Sc. MATHEMATICS DIFFERENTIAL EQUATIONS
   Authors : Dr.G.Venkata Rao, Dr. K.Naveen Kumar and Y.Vijaya Sri
   Year : 2021, ISBN: 978-93-91117-34-4
   Publishers: SHREE Publishing House\

4. Title: A TEXT BOOK OF ESSENTIALS AND APPLICATIONS OF MATHEMATICALS, PHYSICAL AND CHEMICAL SCIENCE
   Authors : Dr.G.Venkata Rao, Dr. K.Naveen Kumar, and Dr. Sk. Salma Begum
   Year : 2023, ISBN: 978-93-95250-15-3
   Publishers: SHREE Publishing House

5. Title: A TEXT BOOK OF ADVANCES OF MATHEMATICAL,PHYSICAL AND CHEMICAL SCIENCE
   Authors : Dr.G.Venkata Rao, Dr. K.Naveen Kumar and Y.Vijaya Sri
   Year : 2023, ISBN: 978-93-88196-58-1
   Publishers: SHREE Publishing House

6. Title: DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS
   Authors: Dr. B.S.N. Murthy, Dr.Sk.Valli, Dr. G. Venkata Rao and Dr. A. V. Papa Rao
   Year: 2024, ISBN: 978 – 93 – 6053 – 125– 6
   Publisher: CENGAGE International Publishers.

Achievements:

1. Organized special session in International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT). Organized by DMI College of Engineering, Chennai, India. During 3rd to 5th March 2016.

2. Acted as Conference Chair in 3rd international conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS)-2016, Organized by SASI Institute of Technology & Engineering, Tadepalligudem, West Godavari District, A.P, India, during 1st -2nd, june2016.

3. Acted as Coordinator for international conference on Signal Processing, Communication, Power and Embedded System (SCOPUS-2016) Organized by Centurion University of Technology and Management, Paralakkemundi, Odisha, India during 3rd to 5th of October 2016.

4. Acted as conference chair in International Conference on Advanced Technologies in Engineering & Science (ICATES)-2017, organized by Knewton Institute of Research In Engineering and Technology (KIRET), Andhrapradesh, India during 27th and 28th April 2017.

5. Acted as conference chair in International Conference on Modern Technologies in Engineering & Science (ICMTES)-2017, organized by Knewton Institute of Research In Engineering and Technology (KIRET), Andhrapradesh, india., During 3rd and 4th June 2017.

6. Acting as conference chair in Second International Conference on Modern Technologies in Engineering & Science (ICMTES)-2017, organized by Knewton Institute of Research In Engineering and Technology (KIRET), Andhrapradesh, india., During 18th and 19th June 2017.

7. Acted as Conference Chair in International Conference on Applied Physics, Power and Material Science 2018 (ICAPPM) organized by SVIT, Secunderabad, India during 5th and 6th December, 2018.

8. Acted as Conference Co-chair in International Conference on Management, Sciences, Engineering and Applications (ICMSEA) at BITS Vishakapatnam, India during 20th to 22nd December, 2018.

9. Acted as Conference Co-chair in International Conference on Management, Sciences, Engineering and Applications (ICMSEA) at BITS Vishakapatnam, India during 20th to 22nd December, 2018

10. Organized A Two- Day National Webinar on Emerging Trends in Mathematical Sciences and Engineering(NEMSEA), Adikavi Nannaya University, UCE ,Rajamahendravaram, A.P. During 6th & 7th March 2021.

RESEARCH PUBLICATIONS:

1. "Extensions of Some Fixed point Theorems in Compact Metric space" International Journal of computational and Applied Mathematics Volume-6, Number2 (2011) pp: 161-167.

2. "A common Fixed Point Theorem on Two Pairs of weakly Compatible Mappings in Menger Spaces". Bulletin of International Mathematical Virtual institute volume-2(2012) pp: 1-7.

3. "A Common Fixed Point Theorem for Six Self maps in a Menger space" Bulletin of International Mathematical Virtual institute volume-2 (2012) pp: 59-67.

4. "Fixed Point Theorems in Menger Space using Weak Compatibility" Int. Journal of Math. Analysis, Volume-6, Number 27, (2012), pp: 1323-1328.

5. "A Common Fixed Point Theorem in a Menger Space using Weak Compatibility".

6. Bulletin of International Mathematical Virtual institute volume-2(2012), pp: 117-121.

7. "A Common Fixed Point theorem for six self maps in a Menger Space". Bulletin of international mathematical virtual institute vol. 2(2012), pp: 47-55.

8. "Some Results of Fixed Point on groups". Int. Journal of Mathematical Archive number 6(2012), pp: 2433-2437.

9. "A Common Fixed Point Theorems for Two Pairs of weakly compatible mappings through generalized altering distance function". Bulletin of International Mathematical Virtual institute volume-3(2013) pp: 113-122.

10. "Common Fixed Point Theorems in Quasi-Gauge Space for six self maps".

11. International Journal of Mathematics Trends and Technology volume-5 (2014) pp: 156-167.

12. "Common Fixed Point Theorems in Menger space for six self maps using an implicit relation". Bulletin of International Mathematical Virtual institute volume- 4 (2014) pp: 89-96.

13. "Common Fixed Point Theorems Associated with Ciric Operator and Asymptotically Commutative in a Complete Metric space". Global Journal of Pure and Applied Mathematics volume-11, 2 (2015).pp:54-64.

14. "Common Fixed point Theorems Associated with Ciric Operator in a complete metric space". International Conference on Electrical and Electronics and Optimization Techniques (ICEEOT-2016).pp:4402-4407.

15. "The Finite generalized Hankel-Clifford Transformation of fourth kind to Partial differential equation". International journal of Mathematics Trends and Technology. Volume -40 number 1 (2016).pp:115-120.

16. "A Common Fixed Point Theroems in Cone and Partially Metric Space for Rational Contractions." International Journal of Pure and Applied Mathematical Sciences Volume- 10 number 1 (2017). Pp:45-55.

17. "A Common Fixed Point Theroems for Generralized Contraction Mappings in Partially Ordered Set." International Journal of Engineering Science and Mathematics. Volume 6 (2017). pp:203-209.

18. "A Common Fixed Point Theorem for Generalized Weakly Contractive mappings in metric spaces Satisfying Implicit Relations." International Journal of Management, Technology And Engineering, Volume -8(2018). pp: 5680-5689.

19. "Application to Fixed Point and Couple fixed points in partial metric space." International Journal of Management, Technology And Engineering, Volume- 8(2018). pp:5690-5698.

20. "A Common Fixed Point Theorems for Generalized Contraction Mappings and Partially and Ordered Metric Spaces." International Conference on Applied Physics, Power and Material Science (Scopus), IOP Publishing, IOP Conf. Series: Journal of Physics: Conf. Series 1172 (2019) 012111, doi:10.1088/1742-6596/1172/1/012111.

21. " Common Fixed Point Theorems with Applications by Altering Distance function." Kala Sarovar(UGC Care Group-1 Journal)Volume23(2020). pp: 231-247.

22. "Fixed and Periodic Point Result for Generalized Altering Distance with Partial order Relation." Journal of Statistics and Mathematical Engineering , Volume -7(2021). pp: 16-28.

23. "Convex Conjugate of A Bounded Linear Functional on $L\ p$ – Space IJSDR Volume - 7(2022). pp: 631-632.

24. "Some Fixed and Periodic Point Results for Generalized Altering Distance with Partial Order Relation". IJRAR Volume -10(2023). pp: 688-694.

25. "Extensions of Certain Fixed –Point Theorems in Compact Metric Spaces". IJRAR Volume - 11(2024). pp: 823-830.

26. "Weakly Multiplicative Residuated Almost Distributive Lattices – I" Asian Journal of Mathematics – 2025 – *in pipeline*

PAPER PRESENTATIONS AT CONFERENCES & ATTENDED TO WORKSHOPS :

1. Presented a paper titled "A fixed point Theorem in Quasi Gauge space" in National Conference on Applications of Mathematics, Andhra Pradesh for Mathematical Sciences XXI Congress organized by Sri Venkateswara University, Tirupati, during $7^{th} – 9^{th}$, December 2012.

2. Presented a paper titled "A Note on a fixed point Theorem" in National Conference on Applications of Mathematics, Andhra Pradesh for Mathematical Sciences XX Congress organized by Swarna Bharathi Institute of Science & Technology (SBIT), Khammam during $9^{th} – 11^{th}$, December 2011.

3. One day National Workshop on Latest Applicable trends in mathematical sciences, 7th August 2009, Al-Ameer College of Engg , Visakhapatnam-73, A.P.

4. One day International Workshop on wisdom, Enrichment & rectification of significant irregularities 30 November 2013, Baba Institute of Technology & Sciences (BITS), Visakhapatnam-48, A.P.

5. Presented a paper titled "Common fixed point Theorems associated with Ciric operator in a complete metric space" in International conference on Algebra and Applications, Andhra university Visakhapatnam, A.P during 29th April – 1st May, 2014.

6. Presented a paper titled "A fixed point Theorem for six self maps on a Quasi-Gauge space" in National conference on Emerging Trends in mathematical sciences and Engineering applications, JNTU Kakinada during 23rd -24th May, 2014.

7. Presented a paper titled "A Common fixed point Theorem for six self maps on a Quasi-Gauge space using "Weak-Compatible" and "Weakly Compatible" concepts" in National Conference on Applications of Mathematics, Andhra Pradesh for Mathematical Sciences XXIII Congress organized by Vignan University, Guntur, during $12^{th} – 14^{th}$, December 2014.

8. Presented a paper titled "Common Fixed Point Theorems Associated with Ciric Operator and Asymptotically Commutative in a Complete Metric space" in National Conference on Applications of Mathematics, Andhra Pradesh for Mathematical Sciences XXIV Congress organized by Vignan Bharathi Institute of Science & Technology (VBIT), Hyderabad during $12^{th} – 14^{th}$, December 2015.

9. Attended to a National Seminar on Leadership and Communication Skills, conducted by Directorate of Faculty Development, JNTUK, Kakinada, dated 5th December 2015.

10. Attend The Training Programme on **Right to Information Act** conducted by AP government; at Collectorate Office Kakinada, during 20th to 21st October 2015.

11. Presented a paper "Common Fixed point Theorems Associated with Ciric Operator in a complete metric space". International Conference on Electrical and Electronics and Optimization Techniques (ICEEOT-2016) held DMI College of Engineering, Chennai, Tamilnadu, India, during 3rd to 5th March 2016.

12. Presented a paper titled "A Common Fixed Point Theorems in Cone and Partially Metric Space for Rational Contractions" Andhra Pradesh for Mathematical Sciences XXIV Congress(APSMS) organized by NBKRIST, S.P.S.R – Nellore, Andhra Pradesh, India 9th - 11th December 2016**.**

13. Presented a paper titled "A Common Fixed Point Theorems For Generalized Contraction Mappings Partially Ordered Metric Spaces" at International Conference On Applied Physics & Material Science (ICAPPM) organized by SVIT, Secunderabad, India, 5th & 6th December, 2018.

14. Presented a paper titled "A Common Fixed Point for Generalised Weakly Contractive Mappings in Metric Space satisfying Implicit Relations" at International Conference On Management, Sciences, Engineering Applications (ICMSEA) at BITS, Vishakhapatnam, India on 20th to 22nd December, 2018.

15. Presented a paper titled "Application to Fixed Point and Couple Fixed Points in Partial Metric Space" at International Conference on Management, Sciences, Engineering Applications (ICMSEA) at BITS, and Vishakhapatnam, India on 20th to 22nd December, 2018.

16. Participated in the five-day online Faculty Development Programme on" Algebra,Analysis and Number Theory" SRM University-A.P,during Decmber16th -20th ,2024.

17. Participated in One Week National Level Faculty Development Programme on "Recent Development in Pure & applied Mathematics" IIST,Indore during December 23rd -28th 2024 .

Online Course: Successfully completed **Discrete Mathematics** on 17th May, 2020

Address:

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Sri Sai Ram Residency, D.No: 69-27-15D, Flat No.B1,

Gandhipuram-4, Lalacheruvu,

Rajamahendravaram ,E.G(d.t).A.P, INDIA-533106

Mobile no.: 7382131821,9247778825.

Personal Data:

Date of Birth	: March 01, 1976.
Nationality	: Indian.
Sex	: Male
Marital Status	: Married.
Games	: Ball-Badminton, Volley Ball and Cricket.
Hobbies	: Reading books.
Language Known	: Telugu and English

Declaration   :

I hereby declare that the information furnished above is true to the best of my knowledge.

(Dr.G.VENKATA RAO)