

RESUME

Address for Correspondance

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PERSONAL PROFILE:

- Name : PULIGETI RANGASWAMY
- Father's Name : PANDURANGAIAH(LATE)
- Phone No : 9440130123, 7989477626
- Date of Birth : August 23, 1974
- Marital Status : Married
- Gender : Male
- Languages known : English, Telugu
- Nationality : Indian

ACADEMIC PROFILE:

Course	University/Board	Percentage %	Division	Year of passing
Ph.D (Mathematics)	Acharya Nagarjuna University	Thesis Title: A Study on Fixed Point Theorems in various Spaces(Metric Spaces, Fuzzy Metric Spaces, Complex Valued Metric Spaces and Dislocated Metric Spaces)		2016 Thesis is adjudicated by one foreign examiner and two Indian examiners
M. Phil (Applied Mathematics)	Acharya Nagarjuna University	70%	A Grade	2005
M.Sc (Applied Mathematics)	Acharya Nagarjuna University	58.1 %	Second Class	1998
B.Sc (MPC)	Acharya Nagarjuna University	67.9 %	First Class	1996

Teaching Experience:

- ☆ Worked as a Lecturer of Mathematics in Dharma Apprao College, Nuzvid from 05-10-1998 to 24-09-2005.
- ☆ Worked as Assistant Professor of Mathematics in St. Ann's College of Engineering & Technology, Chirala - 523 187, from 26-09-2005 to 31-03-2017.
- ☆ worked an Associate Professor of Mathematics in St. Ann's College of Engineering & Technology, Chirala - 523 187, from 01-04-2017 to 11-07-2017.

RGUKT EXPERIENCE: Currently working as Assistant Professor in **Department of Mathematics** at RGUKT- A.P., Ongole campus from 12-07-2017.

Total Teaching Experience: 27 years

Research activity

- Areas of research interest
 1. Fixed Point Theorems in Functional Analysis
- Number of papers published : 21
- Conferences attended/Presented : 20(13+7)

RESEARCH PUBLICATIONS:

1. K,P,R,Rao, V.C.C.Raju and P. Rangaswamy, Fixed point theorems in D-metric spaces, **The Nepali Math. Sc. Report**, Vol. 22. No.1, 2004, pp.97-104.
2. K,P,R,Rao, K.Jha and P. Rangaswamy, Common fixed point theorems for four maps in D-metric space using certain continuity conditions, **The Nepali Math. Sc. Report**, Vol. 26, No. 1&2, 2006, pp.59-65.
3. K,P,R,Rao, V.C.C.Raju and P. Rangaswamy, On fixed points of maps satisfying rational inequalities in d-metric space, **Pure and Applied Mathematika Sciences**, Vol.LXV, No.1-2, March 2007, pp,103-107.
4. K.P.R.Rao and P.Ranga Swamy, A coincidence point theorem for four mappings in dislocated metric spaces, **Int. J. Contemp. Math. Sciences**, 6(34), (2011), 1675 – 1680.(ISSN:1312-7586).
5. K.P.R.Rao and P.Ranga Swamy,Fixed point theorems in dislocated quasi D*- metric spaces, Published in **Global Journal of Mathematical Science**, 3(4), (2011), 327-332.(ISSN:0974-3200).
6. K.P.R.Rao and P.Ranga Swamy, Common Fixed Point Theorem for Four Mappings in Dislocated Quasi – Metric Spaces, **The Nepali Math. Sc. Report**, Vol.32, No.1 & 2, 2012.
7. K.P.R.Rao and P.Ranga Swamy,A Coincidence point theorem for two hybrid pairs with quasi-contraction in b-metric spaces, **Research Journal of Pure Algebra**, 3(1), (2013), 56-61.(ISSN:2248-9037).

8. K.P.R.Rao, P.Ranga Swamy and J.Rajendra Prasad, A Common fixed point theorem in complex valued b-metric spaces, **Bulletin of Mathematics and Statistics Research**, 1(1), (2013), 1-8.(ISSN:2348-0580).
9. K.P.R.Rao, P.Ranga Swamy, SK.Sadik and E.Tarakaramudu, Suzuki type common fixed point theorem for four maps using α -admissible functions in partial ordered complex valued metric spaces, **Journal of Progressive Research in Mathematics**, 7(1), (2016), 928-939. (ISSN:2395-0218). (IMPACT- FACTOR:1.26)
- 10.K.P.R.Rao, P.Ranga Swamy and M.Imdad, Suzuki type unique common fixed point theorem for four maps using α - admissible functions in ordered partial metric spaces, **J.Adv.Math.Stud.**, 9(2), (2016), 265-277.(ISSN:2065-5851).
- 11.K.P.R.Rao, P.Ranga Swamy and E.Tarakaramudu, A unique common coupled fixed point theorem for Jungck type maps in complex valued b-metric spaces, **Asia Pacific Journal of Mathematics**, 3(1), (2016), 1-9.(ISSN:2357-2205).
- 12.K.P.R.Rao, P.Ranga Swamy and A.Azam, Common coupled fixed point theorems for a pair of hybrid maps in complex valued metric spaces, **Adv. Fixed Point Theory**, 6(3), (2016), 277 – 286.(ISSN:1927-6303).
- 13.K.P.R.Rao, V.C.C. Raju, P.Ranga Swamy and SK.Sadik, Common coupled fixed points for four maps using α -admissible functions in complex valued b- metric spaces, **International Journal of Pure and Applied Mathematics**, 108(4), (2016), 751-766. (ISSN:1314-3395). SCOPUS JOURNAL.
- 14.K.P.R.Rao, P.Ranga Swamy and K.R.K.Rao, Common coupled fixed points for four maps using α – admissible functions in partial metric spaces, **Journal of the International Mathematical Virtual Institute**, Vol. 6(2016), 103-118.(ISSN 2303-4866).
- 15.K.P.R.Rao, P.Ranga Swamy and K.R.K.Rao, Common fixed points for four maps using (α, η) -admissible functions in partial metric spaces, **Electronic Journal of Mathematical Analysis and Applications**, Vol. 5(2) July 2017, pp. 129-137.
- 16.K.P.R.Rao, P.Ranga Swamy, Common Fixed Points for four maps in ordered Fuzzy Metric Spaces using (ψ, ϕ, φ) -contractions with admissible function, **Bangmod Int. J. Math. & Comp. Sci.**, Vol.3, No. 1-2, 2017: pages 16-24.(ISSN: 2408-154X).
- 17.K.P.R.Rao, P.Ranga Swamy COMMON FIXED POINTS FOR FOUR MAPS USING α -ADMISSIBLE FUNCTIONS IN METRIC SPACES, **International Journal of Mathematical Archive(IJMA)**, 9(3), 2018, 50-59.
- 18.P.Ranga Swamy, Common and Coincidence Point Theorem for Expanding Mappings in Dislocated Metric Spaces, **Journal of Integral Sciences**, JIS, 2018, 1(1), 6-9.
- 19.K. Prasad, S.Venu Madhava Sarma, D. V. Ramalingareddy, Y.Prabhakara Rao and P. Rangaswamy, A note on Anti-Fuzzy Ideals in Subtraction Semi Groups, **International Journal of Advanced Science and Technology**, Vol.29, No.6(2020),pp.8557-8562.
- 20.K. Prasad, S.Venu Madhava Sarma and P. Rangaswamy, On Subtraction Algebras, **Journal of Xidian University**, Vol.14, ISSUE 6, 2020, pp. 2070-2074.

21. K. Prasad, D.V. Ramalinga Reddy, Y. Prabhakara Rao, S. Venu Madhava Sarma, P. Rangaswamy and P. Rami Reddy, Anti-Vague Ideals of Subtraction Algebra, **Advances in Mathematics: Scientific Journal**, 9 (2020), no. 9, 7249-7255.

LIST OF SEMINARS/ CONFERENCES/WORKSHOPS ATTENDED/PRESENTED

1. National Seminar on the Role of Computers in Physical Sciences from 14-02-2002 to 16-02-2002 at Acharya Nagarjuna University Post Graduate Centre, Nuzvid.
2. A one week in house short term programme on "Research Methodology", for faculty members on 19-01-2009 to 24-01-2009 organized by St. Ann's College of Engineering & Technology, Chirala.
3. One day National Level Work Shop on Computational Fluid Dynamics on 28-02-2009 at St. Ann's College of Engineering & Technology, Chirala.
4. AP SCIENCE CONGRESS-2012 from 14-11-2012 to 16-11-2012 at Acharya Nagarjuna University.
5. Presented a paper entitled "Common Fixed Point Theorem for four Mappings in Dislocated Quasi-Metric spaces", U.G.C. Sponsored Two Day National Seminar on 20-01-2012 to 21-01-2012 at Dharma Apparao College, Nuzvid.
6. Presented a paper entitled "Common and Coincidence Point Theorem for Expanding Mappings in Dislocated Metric spaces", U.G.C. Sponsored Two Day National Seminar on 22-12-2014 to 23-12-2014 Organized by Department of Mathematics, Acharya Nagarjuna University, Nagarjuna Nagar.
7. Presented a paper entitled "Common Fixed Point Theorem for four Maps using α -admissible functions in Metric spaces", XXVI CONGRESS OF ANDHRA PRADESH SOCIETY FOR MATHEMATICAL SCIENCES from 11-08-2017 to 13-08-2017 organized by Department of Mathematics, Kakatiya University, Warangal.
8. Presented a paper entitled "Common Fixed Point Theorem for four Maps using (α, η) -admissible functions in Metric spaces", National Conference on EMEA 17 on 17-11-2017 to 18-11-2017 organized by Department of Mathematics, K.L. University, Vaddeswaram.
9. Presented a paper entitled "Common Fixed Points for four maps using (α, η) -admissible functions in Metric spaces", One Day National seminar on 12th November 2017 organized by Dr. Bhavanari Scholars/Students Association: AIMEd; and APTSMS, in collaboration with Department of Mathematics, Acharya Nagarjuna University at SSR and CVR Govt. degree college, Vijayawada.
10. Presented a paper entitled "Common coupled fixed point theorem for Jungck type maps in complex valued metric spaces", UGC sponsored Two Day National Seminar "Recent Trends on Mathematical Sciences and its Applications" on 24th & 25th January, 2019, Department of Mathematics, Acharya Nagarjuna University.
11. Presented a paper entitled "A common Fixed Point in Complex Valued b-metric spaces", National Conference on Recent Advances in Mathematics and its Industrial

- Applications " on 06-07, February 2020 , Department of Mathematics, Acharya Nagarjuna University, Ongole.
12. Two day's workshop on "Pedagogy-Learning by doing and Content Development ", for faculty members on 25-01-2020 to 26-01-2020 organized by RGUKT-AP, Nuzvid
 13. Participated Three day's online workshop on "Research Methodology", on 05-05-2020 to 07-05-2020 Pandit Deenadayal Petroleum University organized by Pandit Deenadayal Petroleum University.
 14. Participated One day National Webinar on 'Consequences of Banach and Jungck Fixed Point Theorems' on 29th June 2020, conducted by the Department of Mathematics, G. PULLA REDDY DEGREE & P.G.COLLEGE, Mahdipatnam, Hyderabad-28.
 15. Participated National Level Quiz on Mathematics organized by Department of BS&H(Mathematics), NARASARAOPETA ENGINEERING COLLEGE, Narasaraopeta, Guntur District, AP held on 30-06-2020.
 16. Participated in two days webinar on "FLUID DYNAMICS" organized by Department of Science and Humanities, Dr. N.G.P Institute of Technology, Coimbatore from 23/07/2020 to 24/07/2020.
 17. Participated in one day webinar on "Mathematical Foundation for Artificial Intelligence and Machine Learning" organized by Department of Mathematics, Sri Ramakrishna Institute of Technology on 25/07/2020.
 18. Participated in one day webinar on "FUNDAMENTAL UNDERSTANDING OF FUZZY GRAPHS" organized by Department of Mathematics, Imayam Arts and Science College, Kannanur on 18/07/2020.
 19. Participated in two days online national workshop entitled on "Online Teaching-Learning using LMS - MOODLE" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching of MHRD from 17/07/2020 to 18/07/2020.
 20. Participated in one day webinar on "CSIR NET Mathematics-Linear Algebra-Diagonalization " organized by PG Department of Mathematics, SENGUNTHAR ARTS AND SCIENCE COLLEGE on 15/07/2020.

P. RANGASWAMY