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Personal Details:

Aadhar Number: 419738514961 **PAN:** AJDPR5176N
JNTUH faculty ID: 77150407-152713, **AICTE ID:** 1-462637869

Academic Qualifications:

Highest Degree: M.Sc., PhD	Area of Research: MATHEMATICS, FIXED POINT THEOREY AND TRANSFORM TECHNIQUES
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Teaching Experience: 18 years

Mathematics Courses Taught:

S.No.	Course	Title of the paper	Remarks
1.	B.Tech.	Engineering Mathematics-I	Syllabus offered by the JNTU from 2001 to 2010 and SNIST (Since 2010 to till date).
2.		Engineering Mathematics-II	
3.		Engineering Mathematics-III	
4.		Probability and Statistics	
5.	B.S	Pre-calculus (MAT-115)	Airline and Airport Management & Avionics courses offered by SVCAT (Sreenidhi-Vaughn College of Aeronautics and Technology) in collaboration with Vaughn College of Aeronautics Technology, New York, U.S.A.
6.		Calculus -I (MAT-120)	
7.		Linear Algebra (MAT- 455)	
8.		Probability and Statistics (MAT-356)	
9.		Differential Equations (MAT-445)	
10.		Applied differential and Partial Differential Equations (MAT-325)	
11.		Numerical Analysis (MAT-452).	

S.No.	Course Name	Title of the paper
1.	MBA	Quantitative Analysis for Business Decisions
2.	MCA	Operations Research
3.	M.Tech.(Electrical Power Engineering)	Optimization and Control

As a Guest faculty of BITS (Birla Institute of Technology and Science): I taught Mathematics Courses of MS (Master of Science) Course offered to the employees of WIPRO, MAHINDRA SATYAM, TECH MAHINDRA and MATRIX LABORATORY on Sundays from March, 2008 to December, 2013.

4.	M.Sc. (Chemistry)	Probability and Statistics	Employees of Matrix Laboratory
5.	MS (Software Engineering)	Linear Algebra and Optimization, Probability and Statistics.	Employees of WIPRO (WASE Program), SATYAM, MAHINDRA SATYAM, TECH-MAHINDRA.

International & National Conferences:

S.No.	Title of the paper	Conference	Venue
1.	A Result on a Common Fixed Point Theorem.	International Conference on Functional Analysis and Its Applications	Nagercoil, Tamil Nadu.
2.	A Generalization of Djoudi's Common	International Conference on Fixed Point	Chiang-Mai, Thailand

	Fixed point Theorem	Theory and Its Applications (ICFPTA-2007)	
3.	Applications of Linear systems in Science and Engineering.	International Conference on Linear Algebra & Its Applications (ICLAA-2014)	Manipal University, Karnataka
4.	Common fixed point theorem on six self maps using weakly compatible mappings.	International Conference on Mathematical Sciences (ICMS-2015)	S. V. University, Tirupati, A.P.
5.	Common Fixed Point Theorem for Two Self Maps.	13 th Science congress of APSMS	NIT, Warangal.
6.	A Result on common fixed point theorem.	National Conference on Number theory, Fixed point theory & their applications.	Osmania University, Hyderabad.
7.	A fixed point theorem on three self maps using compatible mappings of type (P).	National Conference New Thresholds in Pure & Applied Mathematics.	Sreenidhi Institute of Science and Technology,
8.	Djoudi's fixed point theorem under weaker conditions	REMMT-2014	MGIT, Hyderabad.
9.	Some Applications of Non Homogeneous Linear systems.	National Seminar on Mathematics and its Applications.	M G University, Nalgonda.
10.	Some Mathematical Models of Linear Algebra that can be used in teaching.	Two day National seminar on Teacher Education: Issues, Concerns and Challenges.	Dept.of Education, IASE, OU

Refresher Courses Organized and given Invited Lectures:

S.No.	Course Name	Date & Year
1.	Engineering Mathematics-I (Sponsored by APSCE, Organized by JNTUH & SNIST)	30 th July -4 th Aug., 2012.
2.	Mathematics for Engineers (Under TEQIP-II)	30 th Jan to 2 nd Feb, 2013.
3.	Applications Based Teaching & Project Based Learning in Mathematics (TEQIP-II)	7 th to 11 th July, 2014.
4.	Employability Enhancement Programme (Organized by Dept. of S&H, SNIST)	14 th to 20 th May, 2008
5.	Algorithms and Optimization (Organized by MCA department, SNIST)	27 th to 31 st Dec, 2012.

Research Guidance: Mr.Parakala Naresh is pursuing Ph.D from K L University, AP.

Research Publications (National & International Journals):

- “Common Fixed Point Theorem of Compatible mappings of type(A) Using Reciprocally Continuous Mappings” Bulletin of Pure and Applied Sciences, Vol.25E (No.1) 2006, P.225 - 230. **UGC Approved Journal No: 9585, ISSN: 0970-6577. Indian Science Abstracts (003978), Vol.44, No.5, 2008. Impact factor: 0.89**
- “A Fixed Point Theorem of compatible mappings of type (P)” Bulletin of Pure and Applied Science, Vol.25E (No.2) 2006, P.231-236. **UGC Approved Journal No: 9585, ISSN: 0970-6577, Zentralblatt MATH Database (Zbl 1227.54054). Indian Science Abstracts (007097), Vol.44, No.8, 2008. Impact factor: 0.89**
- “Fixed point Theorem Using Reciprocally Continuous Mappings” Varahmihir Journal of Mathematical Sciences, Vol.6, No.2, 2006, p:487-492. **UGC Approved Journal No: 46464, ISSN: 0972-7329. Zentralblatt MATH Database (Zbl 1137.54332).**
- “A Common Fixed point Theorem for Three Self Maps” The Mathematics Education, Vol.XL, No.3, 2006.P.180- 186. **UGC Approved Journal No: 62594, ISSN: 0047-6269.(ZMATH 2008a.00414 Math Educ Database)**
- “Fixed Point Theorem on Discontinuous Mappings” Acta Ciencia Indica, Vol.XXXII M, No.4, P.1417- 1421, 2006. **UGC Approved Journal No: 63803, ISSN: 0970-0455.**
- “A Common Fixed Point Theorem for Four Self Maps” The Mathematics Education, Vol.XL, No., P: 99-104, 2006. **UGC Approved Journal No: 62594, ISSN: 0047-6269. Indian Science Abstracts (021119), No.21, Vol.43, Nov., 2007. (ZMATH 2007b. 00406).**
- “A Fixed Point Theorem under Reciprocally Continuous Mappings” Acta Ciencia Indica, Vol.XXXII M, No.3, P.1121-1125, 2006. **UGC Approved Journal No: 63803, ISSN: 0970-0455. Indian Science Abstracts (015903), Vol.43, No.16,, 2007.**
- “A Generalization of Djoudi's Common Fixed Point Theorems” International. J. of Math. Sci & Engg. Appls. (IJMSEA) Vol.1 No.2 (2007), pp.229-238. **UGC Approved Journal No.48305 ISSN: 0973-9424 Zentralblatt MATH Database (Zbl 1160.54321) Impact factor: 0.5250**
- “A Fixed Point Theorem for Weakly Compatible Mappings” International. J. of Math. Sci & Engg. Appls. (IJMSEA) Vol.1 No.1 (2007), pp.41- 48. **UGC Approved Journal No.48305 ISSN: 0973-9424 Zentralblatt MATH Database (Zbl 1160.54322) Impact factor: 0.5250**
- “Common Fixed Point Theorem for Weakly Compatible Mappings” Indian. Journal of Mathematics & Mathematical Sciences, Vol.3 No.2 (2007), pp.171- 179. **UGC Approved Journal No.20805 ISSN: 0973-3329**
- “A Result on a Common Fixed Point Theorem” Indian Journal of Mathematics and Mathematical Sciences, Vol.3, No.2 (2007), pp.149-159. **UGC Approved Journal No.20805 ISSN: 0973-3329 Zentralblatt MATH Database (Zbl 1171.54334).**
- “A Fixed point theorem on pairs of reciprocally continuous self maps” Indian Journal of Mathematics and Mathematical Sciences, vol.3, No.2, (December 2007), pp.207-215. **UGC Approved Journal No.20805 ISSN: 0973-3329 Zentralblatt MATH Database (Zbl 1171.54335).**
- “A Generalization of Sharma and Sahu Fixed Point Theorem” Journal of Indian Acad. Math., Vol.29 (No.1) 2007. **UGC Approved Journal No.28597 ISSN: 0970-5120 Indian Science Abstracts (012007), No.13, vol.44, July, 2008.**

14. "A Generalization of Das and Naik's Theorem for Two Self Maps" to appear in APPLIED SCIENCE PERIODICAL, Vol.XI, No.2, 2009. **UGC Approved Journal No.8079 ISSN: 0972-5504**
15. "Common fixed point of four self maps", International Journal of Mathematics Research, vol.3, no.2, July-December 2011. **ISSN: 0976-5840**
16. "A common fixed point theorem under certain conditions" Gen. Math. Notes, Vol.8, No.2, February, 2012, pp: 28-33. **UGC Approved Journal No.48874 ISSN: 2219-7184 Impact factor: 0.425**
17. "A common fixed point theorem in fuzzy metric space", Katmandu University Journal of Science, Engineering and Technology, Vol.8, No.11, December 2012, pp. 77-82.
18. "A Focus on common fixed point theorem using weakly compatible mappings" Mathematical Theory and Modeling, Vol.2, No.3, 2012, pp: 60-65. **ISSN: 2225-0522 IC I.F.: 5.53**
19. "Analysis on a Common Fixed Point Theorem" IOSR Journal of Mathematics Volume 5, 2013, pp. 01-04. **ISSN: 2278-5728**
20. "A comment on Djoudi's fixed point theorem" International Journal of Computer Applications, Vol.69, No.10, May 2013, p.29-31. **ISSN: 0975-8887 Impact factor: 0.821**
21. "Common Fixed Point Theorem on Six Mappings, International Journal of Theoretical & Applied Sciences, 5(1), 97-104, (2013). **UGC Approved Journal No.63302 ISSN: 2249-3247 Cosmos Impact factor: 3.568**
22. "A Common Fixed Point Theorem Using A-Compatible and S-Compatible Mappings, International Journal of Theoretical & Applied Sciences, 5(1), 154-161 (2013). **UGC Approved Journal No.63302 ISSN: 0975-1718 Cosmos I.F: 3.568**
23. "A Conclusion on Common Fixed Point Theorem, International Journal of Mathematical Archive- 4(6), 2013, P. 1-5. **UGC Approved Journal No.47756 ISSN: 2229-5046 SJIF Impact factor: 4.091**
24. "A Common Fixed Point Theorem Using Weakly Compatible Mappings on Six Self Maps" International Journal of Pure and Applied Mathematical Sciences, Vol.6, Number 2 (2013), pp.247-251. **ISSN: 0972-9829**
25. "A Result on a Fuzzy Metric Space" Advances in Fuzzy Mathematics, Vol. 8, Number-1, 2013, pp.63-71. **UGC Approved Journal No.1340 ISSN: 0974-0201**
26. Inference of a common fixed point theorem on four self maps" International Journal of Computer Applications, Vol.71, No.19, P.1-3, 2013. **ISSN: 0975-8887 Impact factor: 0.821**
27. "A common fixed theorem using weaker conditions" Journal of Computer and Mathematical Sciences, Vol.4 (3), 160-166, 2013. **UGC Approved Journal No.44720 ISSN: 0976-5727 Impact factor: 4.655**
28. "Djoudi's common fixed point theorem on compatible mappings of type(P), Annals of Pure and Applied Mathematics, Vol.6, No.1, P.19-24, 2014. **UGC Approved Journal No.48890 ISSN: 2279-0888 Impact Factor: 2.117**
29. "A common fixed point theorem on Lohani and Bhadshah", International Journal of Mathematics Trends and Technology, Vol.9, No.1, P.57-60, May 2014. **UGC Approved Journal No.48198 ISSN: 2231-5373 Impact Factor: 0.675**
30. "Maximization of Revenue by using the concept of Differentiation" International Journal of Applied and Pure Science and Agriculture, Vol.2, Issue-2 (Feb.2016), pages: 250-253. **UGC Approved Journal No.44872 ISSN: 2394-823X**
31. , "A study on Fixed Point Theorem of Brian Fisher and Others" IJSRSET, Vol.2, Issue-4, 2016, pages: 602-605. **UGC Approved Journal No.47147 ISSN: 2395-1990 Impact factor: 0.833**
32. "Compatible mappings of type (K) and common fixed point of a fuzzy metric space" Advances in Theoretical and Applied Mathematics, Vol.11, Issue-4-Pages: 443-449, 2016. **ISSN: 0973-4554**
33. "Common fixed point theorem on b-metric spaces" International Journal of Emerging Trends in Science and Technology, Vol.4, No.8, pp.5600-5603, 2017. **UGC Approved Journal No: 63962 ISSN: 2348-9480 Impact factor: 4.219**
34. "Elzaki Transform for Exponential Growth and Decay" International Journal of Mathematics and Its Applications, Vol.5, Issue-3, P.305-308, 2017. **UGC Approved Journal No: 62807 ISSN: 2347-1557 Impact factor: 0.564**
35. "Newton's Law of Cooling -Elzaki Transform" International Journal of Innovative Research in Science, Engineering and Technology, Vol.6, Issue-8, pages: 16543-16548, 2017. **UGC Approved Journal No: 48027 ISSN: 2319-8753**
36. "Elzaki Transform for Mixing Problems" Elixir.Appl. Math., Vol.110, pages.48358-48364, 2017. **UGC Approved Journal No: 4364 ISSN: 2229-712X Impact factor: 6.865**
37. "ZZ Transform Method for Natural Growth and Decay" International Journal of Progressive Sciences and Technologies, Vol.5, No.2, Pages: 148-150, 2017. **UGC Approved Journal No: 64607 ISSN: 2509-0119 SJIF Impact factor: 2.077**
38. "A new approach to find solution of a falling body" Journal of Global Research in Mathematical Archives, Vol.4, Issue-9, Pages: 13-18, 2017. **UGC Approved Journal No: 64172 ISSN: 2320-5822 Impact factor: 0.45**
39. "Application of ZZ Transform Method for Newton's Law of Cooling, International Journal of Engineering, Science and Mathematics, Vol.6, Issue-5, Pages: 166-169, 2017. **UGC Approved Journal No: 46710 ISSN: 2320-0294**
40. "RL and RC Circuits- Solutions by using Elzaki Transform" International Journal of Mathematical Archive, Vol.8, No.10, Pages: 1-6, 2017. **UGC Approved Journal No.47756 ISSN: 2229-5046 SJIF Impact factor: 4.091**
41. "Elzaki Transform for Two Tank Mixing Problems" International Journal of Chemical Sciences, Vol. 15, Issue-4, Pages: 205-220. **Scopus Indexed Journal ISSN: 0972-768X Impact factor: 1.6**
42. "Sumudu Transform for Natural Growth, Decay and Cooling" Journal of Global Research in Mathematical Archives, Vol.4, No.11, Pages: 57-62, 2017. **UGC Approved Journal No: 64172 ISSN: 2320-5822 Impact factor: 0.45**
43. "Aboodh Transform Technique for Newton's Law" International Journal of Creative Research Thoughts (IJCRT), Vol.6, Issue-1, 2018, Pages: 946-947. **UGC Approved Journal No: 49023**
44. "Application of Aboodh Transform for Circuit Analysis" International Journal of Management Technology and Engineering **UGC Approved Journal No: 45550 ISSN: 2249-Thomson Reuter's Research ID: H-2418-2017 Indexed Journal**
45. "Couette Flow of Gas using Kamal Transform Method" Journal of Emerging Technologies and Innovative Research (JETIR), Volume.5, Issue-3, 2018, Pages: 148-150. **UGC Approved Journal No: 63975 ISSN: 2349-5162 Impact factor: 5.87**
46. "Modified Sumudu Transform for Fractional Differential Equations, International Journal of Management Technology and Engineering, 2019, Vol.IX, Issue-III, P.5204-5211. **UGC Approved Journal No: 45550 ISSN: 2249-7455 Thomson Reuter's Research ID: H-2418-2017**
47. "Modified Sumudu Transform for Coding Theory" International Journal of Pure and Applied Mathematics, Vol. 119, No.12,2018, Pages: 12767-12775. **UGC Approved Journal No: 23425 Scopus Indexed Journal ISSN: 1311-8080**
48. "A Role of Modified Sumudu Transform for several kinds of Integral Equations" International Journal of Pure and Applied Mathematics, Vol. 119, No.12, 2018, Pages: 12777-12782. **UGC Approved Journal No: 23425 Scopus Indexed Journal ISSN: 1311-8080**
49. "Modified Sumudu Transform Applications for Linear Differential Equations" Vol. 119, No.18, 2018, Pages: 2807-2817. **UGC Approved Journal No: 23425 Scopus Indexed Journal ISSN: 1311-8080**
50. "A Fixed Point Theorem on Four Self Maps under Weakly Compatible", Proceedings of the World Congress on Engineering 2008Vol.II WCE2008, July 2-4, London, U.K. **ISBN: 978-988-17012-3-7**
51. "Some Mathematical Models of Linear Systems can be used in Teaching" Quality Concerns in Teacher Education, Publish World, Gujarat, India. **ISBN: 978-81-928910-3-3.**