# CURRICULUM VITAE

**Dr. V.Srinivas**
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## Educational Qualifications:

**Ph.D. :**Doctor of Philosophy from Osmania University, Hyderabad, 2001.

(Title of the Thesis: Generaizations of Certain Common Fixed Point Theorems
**M.Sc. :**Master of Science (Mathematics) with distinction(80%) from *Osmania University*, Hyderabad,1995.

## Teaching Experience:       Total **20**years.
1) Worked as Assistant Professor of Mathematics in **Sreenidhi Institute of Science and Technology**, Ghatkesar since from 1999 to 2005.
2)Worked as Associate professor of Mathematics in **Sreenidhi Institute of Science and Technology**, Ghatkesar since from 2005 to 2013.
3)Worked asAssistant Professor of Mathematics in UCSS,Hyderabad from 2013 to February 2022.
4)Worked as Assistant Professor of Mathematics in UCS,Hyderabad from February 2022 to March 2022.

5) Working as  Associate Professor of Mathematics in UCS,Hyderabad from April 2022 to till date.

**Research Experience :**Six Research scholars were awarded Ph.D  and 4 are doing  .
**Administrative Experience**:
Worked as the Head, Department of Mathematics, UCSS,O.U from 2018 -2020.
Worked as the Placement Officer, UCSS, O.U from 2020 to 2022.
## Academic Achievements:
1) Winner of Gold medal in X Class at School Level.
2) Recipient of merit scholar ships in Intermediate and Degree Levels.
3) Got $39^{th}$ rank   in Ed.CET.
4) **Qualified in  NET conducted by CSIR.**
5) Completed Research as JRF and SRF.
6) **One of Research Papers is reviewed by  AMS** and name is included in Bibliographic Files.
7) One of  research papers is accepted at **International conference held at London,2008.**
8) **Received 6 times Best teacher Award at SNIST**, based on the opinion of the

students and the results of JNTU.
   9. **National Conference:**  Organized a National Conference on  *NEW THRESHOLDS IN PURE    & APPLIED   MATHEMATICS* , July 13-14, 2009.
10) Engaged Mathematics, Probability & Statistics papers for MS course offered by WIPRO (WASE- Wipro Academy of Software Excellence) **in collaboration with BITS – PILANI** during 2008-2012.
 (11**) Organized two seminars at Mathematics Department,UCSS  in the years 2018 and 2019 sponsored by TSCOST.**
(12) **Author** of a book "**Differential Equations and Laplace Transforms with Applications**".

## Papers Taught at P.G.Level:

Mathematical Analysis,Lebesgue Measure and Integration,,Elementary Number Theory Topology,Analytic Number Theory, General Measure Theory ,Theory of ODE, ,Complex Analysis  .
## Papers Taught at U.G. Level:
Engineering Mathematics – I, II, III,  Mathematical Methods, Probability and statistics,
## International & National Conferences:

1) Presented a paper on "Generalization of Brian Fishers Fixed point theorem for a self map of compact metric space" in IX Congress of Andhra Pradesh Society for Mathematical Sciences held at Srikakulam,23-25$^{th}$  February 2001.

2) Presented a paper on  "A Generalization of Common  Fixed point theorem for  Four self maps of  a compact metric space" in XI  Congress of Andhra Pradesh Society for Mathematical Sciences held at Tirupathi,31-2$^{nd}$  February 2003.

3) Presented a paper on "Generalization of a Common  Fixed point theorem" in XII Congress of Andhra Pradesh Society for Mathematical Sciences held at Osmania University ,Hyderabad,12-14$^{th}$  December 2003.

4) Presented a paper  on " A Fixed point theorem on a pairs of a reciprocally continuous self maps" in National Conference Number Theory ,Fixed Point Theory and Their applications, Osmania University ,Hyderabad,30- 31$^{st}$   August  2007.
5)Presented a paper  on  "A Fixed point theorem Under a New Conditon" in XVI Congress of Andhra Pradesh Society for Mathematical Sciences held at Hyderabad,8$^{th}$ -10$^{th}$ December, 2007

6) Accepted for a presentation on "  A Fixed  Point  Theorem On Four Self Maps Under Weakly Compatible " ,International  Mathematical Conference held at London ,2-4$^{th}$ July  2008.

7) Presented a paper on "A Fixed Point Theorem on Pairs of Reciprocally   Continuous Self Maps", National Conference on New Thresholds in Pure  and Applied Mathematics, 13-14$^{th}$ July,2009.

8. Presented a paper on "A Generalization of Common Fixed point theorem for Four self maps of a Complete Metric Space" in VIII Congress of Andhra Pradesh Society for Mathematical Sciences held at Kakinada,29$^{th}$ -30$^{th}$ January, 2000.

9.Participated as the chair of the panel session at the International Conference in Recent Trends in Mathematics and its Applications (ICRTMA- 2021) held on 2nd and 3rd December 2021, organised by the Department of Mathematics, School of Science, GITAM Deemed to be University, Bengaluru, Karnataka, India.

10.Presented a paper "A COMMON FIXED POINT THEOREM IN HILBERT SPACE" in the International Conference on Recent Trends in Mathematics and its Applications (ICRTMA- 2021) held on 2nd and 3rd December 2021, organized by the Department of Mathematics, School of Science, GITAM Deemed to be University, Bengaluru, Karnataka.

## List of Research Publications (National & International Journals):

1. "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**. (Zbl 1160.54321)Zentralblatt MATH Database .**

2 "A Result on a Common Fixed Point Theorem", Indian Journal of Mathematics and Mathematical Sciences,Vol.3, No.2 (2007), pp.149-159. (**Zbl171.54334)Zentralblatt MATH Database.**

3. "A Fixed Point Theorem of    Compatible mappings of type(P)", Bulletin of Pure and Applied  Science, Vol.25E  (No.2) 2006. P.231-236. (**Zbl 1227.54054)  Zentralblatt MATH Database .**

4. "Fixed point Theorem Using Reciprocally Continuous Mappings",Varahmihir Journal of Mathematical Sciences, Vol.6, No.2, 2006, p:487-492**. (Zbl 1137.54332)Zentralblatt  MATH Database .**

5. " 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.  **(Zbl 1171.54335)Zentralblatt   MATH Database.**

6. "A Generalization of Sharma and Sahu Fixed Point Theorem", Journal of Indian Acad. Math., Vol.29 (No.1) 2007.**Indian Science Abstracts (012007), N0.13,vol.44, July, 2008.**

7. "Fixed Point Theorem on   Discontinuous Mappings",ActaCienciaIndica,Vol.XXXII M, No.4, P.1417-  1421,2006.

8. "A Fixed Point Theorem under Reciprocally Continuous Mappings",ActaCienciaIndica, Vol.XXXII M, No.3, P.1121-1125, 2006. **Indian Science Abstracts (015903), vol.43, August, 2007.**

9. "A Generalization of Das and Naik's Theorem for Two Self Maps", APPLIED SCIENCE PERIODICAL, Vol.XI, No.2, 2009.

10. "A Common Fixed Point Theorem for Four Self Maps", The Mathematics Education, Vol.XL, No., P: 99-104, 2006. **Indian Science Abstracts (021119), No.21, Vol.43, Nov., 2007. (ZMATH 2007b. 00406).**

11. "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.

12. "A Common Fixed point Theorem for Three Self Maps", The Mathematics Education, Vol.XL, No.3, 2006.P.180- 186. **(ZMATH 2008a.00414 Math Educ Database).**

13. "A Fixed Point Theorem for Weakly Compatible Mappings", International. J. of Math.Sci & Engg. Appls. (IJMSEA) Vol.1 No.1 (2007), pp.41- 48. **(Zbl 1160.54322) Zentralblatt MATH Database.**

14. "Common Fixed Point Theorem for Weakly Compatible Mappings", Indian. Journal of Mathematics & Mathematical Sciences, Vol.3 No.2 (2007), pp.171- 179. **(Zbl 1171.54333) Zentralblatt MATH Database.**

15. "Common fixed point of four self maps", International Journal of Mathematics Research, vol.3,no.2,113-118, July-December 2011.

16. "A common fixed point theorem under certain conditions", Gen. Math. Notes, Vol.8, No.2, February, 2012, pp: 28-33.

17."A Focus on common fixed point theoem using weakly compatible mappings",Mathematical Theory and Modeling,. Vol.2, No.3, 2012, pp: 60-65.

18. "A common fixed point theorem in fuzzy metric space", Katmandu University Journal of Science, Engineering and Technology, (ISSN-1816-8752),Vol 8,No II,pp.77-82,2012.
19. "A Note on a Fixed Point Theorem of Brian Fisher", Math.Education,Vol XXXIX,No1,March 2005,MR 2136764.

20."A Generalization of Singh and Singh Common Fixed Point Theorem",Math.Education,Vol XL,No3,September, 2006, **(ZMath 2008a.00415) Zentralblatt MATH Database.**

21."A Generalization of Fisher Fixed Point Theorem", Math.Education,Vol XL,No4,March 2005, **(ZMath 2008e.00394) Zentralblatt MATH Database.**
22." Analysis on a common fixed point theorem",IOSR Journal of Mathematics,Vol 5 pp-1-4,2013.

23. "A Common fixed point theorem using weakly compatible mappings on six self maps",International Journal of Pure and Applied Sciences,Vol 6,No 2 ,pp.247-251,2013.

24."A Conclusion on Common fixed point theorem",International Journal of Mathematical Archive,Vol 4,No 6,pp.1-5,2013.

25."Common fixed point theorem on six mappings", International Journal of Theoretical and Applied Sciences,Vol5(1),pp.97-104,2013.
26."Common fixed point theorem using A-Compatible and S-Compatible Mappings", International Journal of Theoretical and Applied Sciences,Vol5(1),pp.104-108,2013.
27**.**"A Comment on DJoudis  fixed point theorem",International Journal of Computer Applications,Vol 69,No 10,pp.29-31,2013.
28."Inference of a  Common fixed point theorem",International Journal of Theoretical and Applied Sciences,Vol 71,pp.1-4,2013.
29."A Common fixed point of four self maps using weaker conditions",Journal of computer &Math.Sci.Vol 4(3),pp.161-166,2013.
30**.**"A result in Fuzzy Metric space",Advances in Fuzzy Mathematics,Vol 8,No1,pp 63-71,2013.
31 .A Common Fixed Point Theorem on Lohani and Bhadshah'',International Journal of Trends and Technology – Volume 9 ,Number 1 ,May 2014.
32.''A Fixed Point Theorem In Fuzzy Metric Space Using Weakly Biased Maps'',
Int. Journal of Engineering Research and Applications, Vol. 4, Issue 9( Version 3), September 2014, pp.26-30

33."A Common Fixed Point Theorem on Compatible Mappings of Type (P)." *General maths notes* 21.2 (2014): 87-94.

34.  "Djoudi's common fixed point theorem on compatible mappings of type (P)",
 *Annals of pure and Applied Mathematics* 6.1 (2014): 19-24.

35."Common fixed point theorem in fuzzy symmetric spaces",- Eng. Math. Lett., 2015,1-6
36."Fixed Point Theorem on Compatible Mappings of Type (E)'' International Journal of Theoretical & Applied Sciences, 8(2): (2016), 69-73.

37. "A result on multiplicative metric space", *J. Math. Comput. Sci.* 10.5 (2020): 1384-1398.
38.  "A fixed point theorem using weakly semi compatible mappings in metric space",*International     Journal of Mathematical Analysis* 11.15 (2017): 695-706.
39."A common fixed point theorems on fuzzy metric space using weakly compatible and semi-compatible mappings." *Int. J. Math. Stat. Invent* 4 (2016): 27-31.
40. "A Study on Fixed Point Theorem of Brian Fisher and Others." IJRSET,Volume 2,issue 4,(2016),602-605.

41." Common fixed point theorem using compatible mappings of type (E)." *Adv. Fixed Point Theory* 7.2 (2017): 296-303.

42.:A result on fixed point theorem using compatible mappings of type (K)." *Annals of Pure and Applied Mathematics* 13.1 (2017): 41-47.

43. "Extraction of a fixed point theorem using semi compatible mappings in metric space." *Indian J. Math.Math.Sci* 13.2 (2017): 433-443.

44. "Formation of a common fixed point theorem using compatible mappings of type (E)." *AryaBhatta Journal of Mathematics & Informatics* (2017),15-20.

45."Fixed Point Theorem on Fuzzy Metric Space Using Reciprocally Continuous." *Journal of Computer and Mathematical Sciences* 8.8 (2017): 373-379.

46. "Generation of a common fixed point theorem using A-compatible and B-compatible mappings of type (E)." *Global Journal of Pure and Applied Mathematics* 13.6 (2017): 1735-1744.

47."A discussion on a common fixed point theorem on semi compatible mappings." *Adv. Inequal. Appl.* 2018, 1-8.

48."A common fixed point theorem for four mappings in fuzzy metric space." *International Journal of Engineering, Science and Mathematics* 7.1 (2018): 98-104.

49."Fixed Point Theorem For Pair of Weakly Compatible Mappings   Using CLRT Property". Int. J. Math. And Appl., 6(1–E)(2018), 1159–1163.

50."Common fixed point theorem in dislocated metric space." *Adv. Inequal. Appl.* 2019,1-7.

51. "Fixed Point Results on Multiplicative Semi-Metric Space." *Journal of Scientific Research* 12.3 (2020): 341-348.

52. "A fixed point theorem using EA property on multiplicative metric space." *J. Math. Comput. Sci.* 10.5 (2020): 1788-1800.

53. "A result on Banach Space using Property EA", Indian Journal of Science and Technology 13 (44), (2020), 4490-4499.

54. "Some results in multiplicative metric space using absorbing mappings." *Indian Journal of Science and Technology* 13.39 (2020): 4161-4167.

55. "Fixed point theorem using semi compatible and sub sequentially continuous mappings in Menger space." *J. Math. Comput. Sci.* 10.6 (2020): 2503-2515.

56. "Some Results on S-Metric Space", Advances in Mathematics Scientific Journal 9 (2020), no.9, 7663–7677.

57."Some results on weaker class of compatible mappings in S-metric space." *Malaya Journal of Matematik,*Vol8,No.3, (2020): 1132-1137.

58. "A result on Banach space using EA like property."Malaya Journal of Matematik, Vol. 8, No. 3, 2020,903-908.

59."Some outcomes on b-metric space." *J. Math. Comput. Sci.* 10.6 (2020): 3012-3025.

60."Some results in Menger space by using sub compatible,faintly compatible mappings." *Malaya J, Mat* (2021): 725-730.

61."Certain results in b-metric space using subcompatible, faintly compatible mappings." *J. Math. Comput. Sci.* 11.6 (2021): 8382-8399.

62."Common fixed point of four maps in Sm-metric space." *International Journal of Analysis and Applications* 19.6 (2021): 915-928.

63."Some Results by Using CLR's-Property in Probabilistic 2-Metric Space." *International Journal of Analysis and Applications* 19.6 (2021): 904-914.

64. "Fixed Point Theorem with the CLR's Property and OWC Mappings in Menger space." *Communications in Mathematics and Applications* 12.3 (2021): 409-508.

65. "Some Extractions of Fixed Point Theorems Using Various EA Properties." *Communications in Mathematics and Applications* 12.3 (2021): 445-456.

66. "A result on Banach space using common limit range property". Advances and Applications in Mathematical Sciences ,Volume 21, Issue 1 ,2021, 3413-3426.

67. "Result on b-metric space using alpha compatible mapping." *Ratio Mathematica* 41 (2021): 28-44.

68. "Some Results of Conditionally Sequential Absorbing and Pseudo Reciprocally Continuous Mappings in Probabilistic 2-Metric Space." *International Journal of Analysis and Applications* 20 (2022): 1-12.

69. "Some results on weakly semi compatible mappings in fuzzy metric space." *J. Math. Comput.Sci.* 12, (2022).1-17.

70. "An Affirmative Result on Banach Space." *International Journal of Analysis and Applications,* 20 (2022).1-8.

71. "Outcomes of Common Fixed Point Theorems in S-metric Space",Mathematics and Statistics,10(2022), 160-165.

72. "A Fixed Point Theorem in Multiplicative Metric Space Based on Common EA-Like Property",Communications in Mathematics and Applications, 13(2022),1363-1372.

73. "Some Results in Cone Metric Space, Using Semi-Compatible and Reciprocally Continuous Mappings", Communications in Mathematics and Applications, 13(2022),1413-1423.

74. "Some results in weakly reciprocally continuous and occasionally weakly compatible mappings on partial metric spaces", Advances and Applications in Mathematical Sciences, Volume 21, Issue 11, September 2022,  6615-6626.

75. "Some Results on Conditionally Compatible and Conditionally Semi-Compatible Mappings in Probabilistic 2-Metric Space",Communications in Mathematics and Applications, 13(2022),265-280.

76. "Some Results on Conditionally Sequential Absorbing Maps in Multiplicative Metric Space",International Journal of Analysis and Applications, 21(2023),1-13.

77. "Common fixed point theorem for weakly compatible mappings in Sm metric space" *Ratio Mathematica* 47 (2023): 126-140.

78. "Results on expansion maps in fuzzy menger space via property(E.A) and (E.A) like property, ", *Ratio Mathematica* 47 (2024): 1-20.

79. " Some outcomes using conditionally sequentially absorbing and pueudo reciprocally continuous in multiplicative metric space" , *Indian Journal of Science and Technology* 17(13) (2024): 1340-1348.

80. " Applications of Onto Functions in Cryptography", Mathematics and Statistics,12(2024), 135-141.

## Work Shops , Training Programs and Invited Talks:

1) Participated in the  SPSS 15.0 (Software Package for Social Sciences) Training program ( $11^{th}$ – $13^{th}$ July-2007) organized by South Asia and School of Management Studies, Jawaharlal Nehru Technological University, Hyderabad.

2) Participated  in the Three day work Shop on "*Environment & Pollution*" (June $21^{st}$ -$23^{rd}$ , 2007)  jointly organized by Dept. of Bio-Technology & School of  Management Studies SNIST, Institute of Science and Technology, JNTU (Hyderabad), O.U.College of Technology,  Hyderbad, JNTU College of  Engineering, Hyderbad and RGM College of Engineering and Technology.

3)Coordinator of the Refresher Course (Teachers Training Program) conducted on Engineering Mathematics-I under Faculty   Development Program jointly organized by JNTUH and SNIST, sponsored by Andhra  Pradesh State   Council of Higher Education from   $30^{th}$ July to $04^{th}$ August, 2012.

4)Delivered 2  lectures on Laplace Transforms and Applications of Laplace Transforms in the Refresher Course of Engineering Matheatmatics-I, jointly organized by JNTUH and SNIST from $30^{th}$ July- $04^{th}$ August, 2012.

5)Organized a 5day workshop,   Faculty Development Program  on MATHEMATICS  FOR ENGINEERS  under TEQIP-II from $30^{th}$ January to $2^{nd}$ February, 2013.

6)Delivered 3 lectures on Applications of Ordinary Differential Equations,Curve Tracing Laplace Transforms and Applications of Laplace Transformson MATHEMATICS FOR ENGINEERS under TEQIP-II from $30^{th}$ January to $2^{nd}$ February, 2013.

7)Organized a 3day workshop, Faculty Development Program on APPLICATIONS OF STATISTICS IN ENGINEERING   under TEQIP-II from $4^{th}$ – $6^{th}$ February, 2013.

8)Delivered a lecture on CURVE TRACING   during $27^{th}$ August to $2^{nd}$ February, 2014 at Government Degree college for Women,Begumpet,Hyderabad.

9)Delivered a lecture on "MEASURES OF DISPERSION'' and "BINOMIAL EXPANSION" in the orientation program for junior lecturers on $26^{th}$ November,2015  at KPM Government junior college(Boys),Nalgonda,Telangana.

10)Delivered 2  lectures on Graphs of functions and Probability for the three day training program for junior lecturers of Mathematics held from 03.12.2015 to 05.12.2015 & 14.12.2015 to 16.12.2015 in two spells at professor Jayashankar Institute of Telangana,Intermediate staff training Academy conducted by Department of Intermediate Education,Hyderabad,Telangana.

11)Delivered a guest lecture on "CRYPTOGRAPHY & ITS APPLICATIONS"during$19^{th}$to $23^{rd}$ December, 2016 at Department of Computer Science &Engineering, University College of Engineering(A),Osmania University,Hyderabad.

12)Delivered a guest lecture on "Mathematics for Researchers in Cryptography"held during 20-07-2017 to 22-07-2017 at Department of Computer Science &Engineering, University College of Engineering(A),Osmania University,Hyderabad.

13)Delivered a guest lecture on "Mathematical Foundations for Cryptography and its Applications" held on 12$^{th}$ October 2018 at Department of Science &Humanities, Sreenidhi Institute of Science and Technology,Hyderabad.

14)Delivered a lecture on Number theory and its Applications in One day Seminar on "CURRENT TRENDS AND ITS APPLICATIONS IN MATHEMATICS" under DST,Govt.of India under the National Mathematics Day Celebrations Co-ordinated by Telangana State Council of Science & Technology (TSCOST),hosted by Department of Mathematics, University Post-Graduate College,Secunderabad,Osmania University,Hyderabad on 24$^{th}$ October, 2018.

15)Delivered guest lecture on "Number Theory'' held on 22$^{nd}$ January,2019 for the event ABSCISSA-2K19 at Avanthi Degree & P.G College, Barakatpura, Hyderabad,Telangana.

16)Delivered a guest lecture on "Number Theory and its Applications'' held on 2$^{nd}$ March,2019 at Department of Mathematics, Tara Govt degree College,Sangareddy,Telangana.

17)Delivered a guest lecture on "Number Theory and its Applications'' held on 20$^{th}$ April,2019 at SARDAR PATEL COLLEGE, Secunderabad,Telangana.

18)Delivered a guest lecture on "Fundamentals of Graphs'' held on 20$^{th}$ May,2020 through online platform for Andhra Vidyalaya Post Graduate Centre, Hyderabad,Telangana.

19)Delivered online guest lecture on "Number Theory and its Applications'' held on 21$^{st}$ May,2020 for Andhra Vidyalaya Post Graduate Centre,Hyderabad,Telangana.

20)Delivered online guest lecture on "Applications of Number Theory on Cryptography'' held on 8$^{th}$ July, 2020 for Department of Mathematics, CBIT,Hyderabad.
21) Delivered online guest lecture on "Number Theory and its Applications'' held on 18$^{th}$,September,2021atDepartmentofMathematics,HindiMahavidyalaya,
Nallakunta,Hyderabad,Telangana .

22)Delivered an Extension Lecture on "Graphs of Functions and their Properties" on 16$^{th}$December,2021at Department of Mathematics, Vivekananda Government Degree College,Vidyanagar,Hyderabad,Telangana.
23) Delivered a guest lecture on " Probability''held three week training program for Polytechnique lecturers during 1.06.2022 to 21.06.2022 at department of Mathematics conducted by UGC,HRDC,Osmania University.

24) Delivered a guest lecture on " Number Theory and its Applications''held during 17.10.2022 to 31.10.2022 at department of Mathematics conducted by UGC,HRDC,Osmania University.

25)Delivered an Extension Lecture on "Number theory and its applications in Cryptography" on 22,December,2023 at Department of Mathematics,CBIT,Hyderabad.

26)Delivered an Extension Lecture on " Applications of Number theory " on 22,December,2023 at Department of Mathematics,VBIT,Hyderabad.

27) Delivered an Extension Lecture on " Applications of Number theory " on 23,March,2024 at Department of Mathematics,Priyadarshini Government degree college,Hyderabad.

28) Delivered an Extension Lecture on "Number theory " on during 19-20 April,2024 at Department of Mathematics,Vivekananda Govt degree college,Hyderabad.