



Curriculum Vitae

Dr. B. SRINUVASA RAO M.Sc; B.Ed; APSET; Ph.D

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Personal Information

Name : Dr. Bagathi Srinuvasa Rao
Date of Birth : 30th June, 1985
Gender : Male
Qualification : M.Sc., B.Ed., Ph.D
Reservation (SC/ST/OBC) : OBC (BC-A, Kalinga)
Father's Name : Chandrayya
Mother's Name : Chandramma
Marital Status : Married
Citizenship : Indian
Research Interests (Broad Area) : Nonlinear Analysis,
Specialization : Fixed point theory and its applications.

Academic Qualifications

- Ph.D. (2019) : KL University, Vijayawada, India.
Specialization: Fixed point Theorems in Bipolar Metric spaces,
Fixed point Theorems in S_b Metric spaces and
Fixed point Theorems in C^* -algebra valued fuzzy soft Metric spaces
- B.Ed. (2008) : Sai Shirisha College of Education (Kasibugga), Andhra University, India.
Specialization: Mathematics, Physical Science.
- M.Sc. (2007) : Andhra University, Visakhapatnam, India.
Specialization: Mathematics.
- B.Sc. (2005) : Shiridhi Sai Degree College (Kasibugga), Andhra University, India.
Specialization: Mathematics, Physics, Chemistry.
- Intermediate (2002) : Govt. Junior College, Palasa, India.
Specialization: Mathematics, Physics, Chemistry.
- S.S.C. (2000) : Z.P. High School, Govindapuram, Pundi, Srikakulam, India.

Title of Ph.D. thesis

Some Contributions On S_b -Metric Spaces, Bipolar Metric Spaces and C^ -Algebra Valued Fuzzy Soft Metric Spaces Via Fixed Point Results.*

M.Sc. Courses (Mathematics)

Real Analysis, Measure and Integration Theory, Complex Analysis, Functional Analysis, Topology, Linear Algebra, Abstract Algebra, Banach algebra, Commutative algebra, Ordinary Differential Equation, Partial Differential Equation, Numerical Analysis, Number theory, Graph Theory and coding theory, Discrete Mathematics, Lattice theory.

Computational Proficiency

- Operating Systems : MS Office DCA and DTP
- Mathematical softwares : Matlab
- Typing software : LaTeX

Teaching Experience

January 2014 - Till to date	<i>Assistant Professor (c)</i>	Dr. B.R.Ambedkar University, Srikakulam, India.
July 2013 - December 2013	<i>Guest faculty</i>	Dr. B.R.Ambedkar University, Srikakulam, India.
July 2011 - March 20013	<i>Jr. Lecturer</i>	APTW Jr. College, Peddamadi, Srikakulam District, India.
July 2010 - June 2011	<i>Lecturer</i>	Sai Vineeth Degree College, Pundi, Srikakulam District, India.
July 2009 - June 2011	<i>Jr.Lecturer</i>	Sai Vineeth junior College, Pundi, Srikakulam District, India.
July 2008 - June 2009	<i>Lecturer</i>	Samaskara Barathi Degree College, Som-peta, Srikakulam District, India.

Fellowships/Scholarships/Eligibility Tests:

- **APSET**(Andhra Pradesh State Eligibility Test) for the Year (2011).

Administrative and Other experience

- Associate Member in the Department Post Graduate Board of Studies (PG BOS), Department of Mathematics, Dr.B.R.Ambedkar University, Srikakulam.
- Department Member in University Anti Ragging committee.
- Squad (Route Officer) for UG Examinations under Dr.B.R.Ambedkar University Affiliated UG Colleges.
- Head/Course Coordinator Department of Mathematics, Dr.B.R.Ambedkar University, Srikakulam.
- Deputy warden, Dr.B.R.Ambedkar University, Srikakulam.
- Observer (Special Officer) for B.Ed Examinations under Dr.B.R.Ambedkar University Affiliated Educational Colleges.
- Co-convenor for Recent Developments in Mathematics and its applications (RDMA-2018).
- Serving as polling officer, General Election to the house of people and Andhra Pradesh legislative Assembly.
- Organized **Mathematics Talent Test - 2018** for under graduate students on the eve of 131st birth anniversary of Srinivasa Ramanujan.
- Local Organizing committee member in **APSC - 2019** .

- Convener for Recent Advances in Mathematics (RAM-2020).

Selected Workshops, Seminars and Conferences Attended

International

March 2019	2 nd International Conference on Applied Science And Technology (ICAST-2019),	SRKR Engineering college, Bheemavaram, India.
January 2019	Faculty Development Programme (FDP)	Mahatma Gandhi National Council of Rural Education, Delhi.
December 2018	International Conference on Management, Science, Engineering and Applications (ICMSEA-2018)	BABA Institute of Technology and Science, Visakhapatnam.
January 2018	International work shop on Water, Air, Sanitation and Hygiene Attitudes and Practices (WASH-2018)	Department of Biotechnology, Organic chemistry and Social work, Dr. B.R.Ambedkar University, Srikakulam, India.
January 2018	Applied Science And Technology (ICAST-2018),	SRKR Engineering college, Bheemavaram, India.
May 2014	International Conference on Algebra and Applications (ICAA-2014).	Department of Mathematics, Andhra University, India.

National

February 2020	National Workshop on Assessment & Accreditation of HEI's & colleges	Organized by IQAC, Dr. B.R.Ambedkar University, Srikakulam.
February 2019	Workshop on Intellectual Property Rights and Patents (IPR&P-2019)	Organized by college of Science, Dr. B.R.Ambedkar University & (NRDC), New Delhi.
December 2018	Recent Developments in Mathematics and its applications (RDMA-2018)	Organized by Department of Mathematics, Dr. B.R.Ambedkar University, Srikakulam, Andhra Pradesh, India.
December 2018	Essence of Mathematics and Engineering Applications (EMEA-2018)	Organized by Department of Mathematics, KL University, Vaddeswaram, Guntur, Andhra Pradesh, India.
April 2018	National Seminar on Rural Development in India	Organized by Department of Rural Development and Economics, Dr. B.R.Ambedkar University, Srikakulam, Andhra Pradesh, India.
February 2018	National Science Exhibition-2018.	National Research Development Corporation, New Delhi & Pulsus Hyderabad.

May 2017	Essence of Mathematics and Engineering Applications (EMEA-2017)	Organized by Department of Mathematics, KL University, Vaddeswaram, Guntur, Andhra Pradesh, India.
December 2016	Internal Quality Assessment & Enhancement.	IQAC, Dr. B.R.Ambedkar University, Srikakulam, India.
April 2016	The Art of Publishing, Writing Thesis and project proposal,	KL University, Vaddeswaram, Guntur, Andhra Pradesh, India.
March 2016	Engaging children with Emerging Technologies	Organized by Department of Education, Dr. B.R.Ambedkar University, Srikakulam.
January 2015	Research Methodology Coursework cum Workshop,	KL University, Vaddeswaram, Guntur, Andhra Pradesh, India.
December 2014	Recent Advances in Mathematics and Computational Tools for Engineering Applications (RAMCEA-2014)	GMR Institute of Technology, Rajam, Andhra Pradesh, India.

International & National Level Online Webinars and FDPs

05-09th July 2021	Five Days e-Workshop on LaTeX,	Organized by Department of Mathematics, School of Science, GITAM, Bengaluru.
29th June 2021	One day International webinar On Recent advances in Statistics,	Organized by Department of Mathematics, School of Science, GITAM, Visakhapatnam.
21st June 2021	national Webinar on Self healing of physical and mental health through yoga	Organised by National Service Scheme In Association With Dept. Of SocialWork, Dr.B. R.Ambedkar University Etcherla, Srikakulam.
16th-17th March 2021	Two national Webinar on Trends in Modelling and Computation	Organised by Gayatri Vidya Parishad college of Engineering Visakhapatnam.
6th-7th January 2021	Two national Webinar on Emerging Trends in Mathematical Science and Engineering Applications	Organised by Dept.of Science and Humanities University College of Engineering Rajamahendravaram .
16th Nov-07th Dec 2020	21 days FDP on Adopting Online Teaching Learning Technologies	Organized by Dr.B.R.Ambedkar Univrsity, Delhi & Dr.B.R.Ambedkar Univrsity, Srikakulam.
14th-15th Sept 2020	Two Day National Webinar on Recent Advances in Mathematics	Organized by Dept. of Mathematics, Dr.B.R.Ambedkar Univrsity, Srikakulam.
03-08th Aug 2020	One week International FDP On Recent Advances in Mathematics & Statistics	Organized by Department of Mathematics & Institute of science, GITAM, Visakhapatnam.

03-04th July 2020	International Webinar on Analytical Approach of Mathematics and its Allied Areas	Organized by Department of Mathematics & Statistics and IQAC, AVN College, Visakhapatnam.
25-29th June 2020	One Week online International FDP on Importance of Mathematics in Science and Technology”	organized by Mathematics division of Department of Basic Sciences and Human GMR Institute of Technology, Rajam, AP.
June 2020	One week online Faculty Development Programme (FDP)	Gokaraju Rangaraju institute of Engineering and Technology.
June-Aug 2020	Spit-free India Movement Prevent the spread of COVID-19	Organized by sri Venkateswara Institution cancer care & Advanced Research.
4th July 2020	National webinar on Revised NAAC Assessment and Accreditation Process	Organized by Sant Gadge baba Amravati University, Amravati & Association with NAAC-Bangalore.
25th June to 14th July 2020	21 days FDP on Role of Academia in Sustainable Development	Organized by Dr.B.R.Ambedkar University, Srikakulam.
24th June 2020	Webinar on An Invitation to Functional Analysis: An Introduction and Applications	Organized by PG & Research Department of Mathematics QUAID-E-MILLATH Govt College for Women-Chennai.
20th June 2020	Webinar on Linear Programming Problems:	Organized by Department of Mathematics Sri Rama Krishna Institute of Technology-Coimbatore.
20th June 2020	Webinar on Recent Developments in Mathematics and its Applications	Organized by Department of Mathematics GITAM Institute of Science, Visakhapatnam.
15th-16th June 2020	Webinar on Recent Advances in Mathematics & Covid-19:	Organized by Department of Mathematics Statistics & IQAC St. Joseph’s College for Women(A), Visakhapatnam.
June 2020	One Month FDP on Data science	Organized by APSSDC & EXCELR.
June 2020	Two day National webinar (FDP) on Analytical and Diagnostic Tools in Chemical and life Science	Organized by Andhra university & AP Akademi of Science.
June 2020	National Level E-Quiz on “AYUSH sanjivani E-Quiz	Organized by Ministry of Ayush& MyGov.

May 2020	National Webinar, on the topic "Impact of Covid-19 On Emerging Markets	Organized by Faculty of Commerce & Research Studies, Swami Shukdevanand PG college, Shahjaanpur (UP).
May 2020	National Level E-Quiz on Mathematics & COVID-19"	Organized by department of Mathematics & Statistics, St. Joseph's College for Women-VSKP

Advance Courses-Moocs Certificates

June 11, 2020	PSYCH101: Introduction to Psychology Certificate Id: 19267035	saylor.org, Saylor Academy awards
May 27, 2020	CHEM101: General Chemistry- I Certificate Id: 18660347	saylor.org, Saylor Academy awards

Papers presented in Conference/Symposium

1. Presented a paper titled "Some applications via common quadruple fixed point theorems in G-metric spaces" in **APSC-2019**, organized at Dr.B.R.Ambedkar University, Srikakulam, India, 28-30 November, 2019.
2. Presented a Paper titled "Common coupled fixed point theorems for three covariant mappings in bipolar metric space" in **2nd International Conference on Applied Science And Technology (ICAST-2019)**, organized by SRKR Engineering college, Bheemavaram, India, 27-28 March, 2019.
3. Presented a Paper titled "MULTI-VALUED MAPPINGS AND SOME COUPLED FIXED POINT RESULTS IN BIPOLAR METRIC SPACE" in **Recent Developments in Mathematics and its applications (RDMA-2018)**, Organized by Department of Mathematics, Dr. B.R.Ambedkar University, Srikakulam.
4. Presented a Paper titled "Some tripled fixed point theorems in bipolar metric spaces" in **International Conference on Management, Science, Engineering and Applications (ICMSEA-2018)**, Organized by Department of Mathematics, BABA Institute of Technology and Science, Visakhapatnam.
5. Presented a Paper titled " C^* -algebra valued fuzzy soft metric space and Related fixed point results by using triangular α -admissible maps with applications to nonlinear integral equations" in **Essence of Mathematics and Engineering Applications (EMEA-2018)**, Organized by Department of Mathematics, KL University, Vaddeswaram, Guntur, Andhra Pradesh, India.
6. Presented a Paper titled "Fixed point Theorems under new Caristi type contraction in bipolar metric space with applications" in **International Conference on Applied Science And Technology (ICAST-2018)**, organized by SRKR Engineering college, Bheemavaram, India, 24-25 Januray, 2018.
7. Presented a Paper titled "Fixed point Theorems under Caristi type map on C^* -algebra valued fuzzy soft metric space." in **International Conference on Applied Science And Technology (ICAST-2018)**, organized by SRKR Engineering college, Bheemavaram, India, 24-25 Januray, 2018.
8. Presented a paper titled "Common fixed point theorems in Bipolar metric spaces with applications to integral equations" in **International Conference on ICAMS-2017**, organized at VIT-Velloru, India, 1-3 December, 2017.

List of Publications (International Journals)

1. GNV Kishore, Ravi P. Agarwal, **B.Srinuvasa Rao**, R.V.N . Srinivasa Rao, Caristi type cyclic contraction and common fixed point theorems in bipolar metric spaces with applications, Fixed point theory and applications (2018) 2018:21, <https://doi.org/10.1186/s13663-018-0646-z>. (Springer Journal)
2. **B.Srinuvasa Rao**, GNV Kishore, S. Ramalingeswara Rao, Fixed point Theorems under new Caristi type contraction in bipolar metric space with applications, International journal of Engineering & Technology, 7(3.31) (2017), 106-110.
3. **B.Srinuvasa Rao**, GNV Kishore, Trkd Prasad, Fixed point Theorems under Caristi type map on C^* -algebra valued fuzzy soft metric space, International journal of Engineering & Technology, 7(3.31) (2017), 111-114.
4. **B.Srinuvasa Rao**, GNV Kishore, Coupled fixed point theorems in partially ordered bipolar metric spaces, International journal of Innovative Research and practices. Vol. 6, Issue 4, pp. 1-10, April 2018.
5. **B.Srinuvasa Rao**, GNV Kishore, Y. Harikrishna, Mahammad Sarwar, Generalized (α, β) -Rational contraction in ordered S_b -metric spaces with applications, IAEME publications, vol.9, Issu3, March 2018, pp. 272-282.
6. Ravi P. Agarwal, GNV Kishore, **B.Srinuvasa Rao**, Convergence properties on C^* -algebra valued fuzzy soft metric spaces and related fixed point theorems, Malaya Journal of Matematik, Vol. 6, No. 2, 310-320, 2018.
7. GNV Kishore, KPR Rao, **B.Srinuvasa Rao**, D. Panthi, S. Satyanaraya, Some applications via fixed point results in partially ordered S_b - metric spaces, Fixed point theory and applications (2017) 2017:10 Springer.
8. **B.Srinuvasa Rao**, GNV Kishore, Muhammad Sarwar and N. Konda Reddy, Fixed Point Theorems in Ordered S_b -Metric Spaces by Using (α, β) -Admissible Geraghty Contraction and Applications, journal of Applied Sciences, 18(1); 9-18, 2018. DOI: 10.3923/jas.2018.
9. **B.Srinuvasa Rao**, GNV Kishore, Common Fixed point Theorems in bipolar metric spaces with applications to integral equations, International journal of Engineering & Technology, 7(4.10) (2018), 1022-1026.
10. **B.Srinuvasa Rao**, GNV.Kishore, G.Kiran Kumar, Geraghty Type Contraction and Common Coupled Fixed Point Theorems in Bipolar Metric Spaces with Applications to Homotopy, International Journal of Mathematics Trends and Technology (IJMTT) – Volume 63 Number 1 – November 2018.
11. **B.Srinuvasa Rao**, GNV.Kishore, G.Kiran Kumar, Common coupled fixed point theorem in C^* -algebra valued fuzzy soft metric spaces with Applications, International Journal of Research publication's; Research journal of Science and IT management, Vol.8, No.06, April-2019, PP.39-46.
12. **B.Srinuvasa Rao**, GNV.Kishore, D.Ramprasad, Some tripled fixed point theorems in Bipolar metric spaces, International Journal of Management, Technology And Engineering, Vol.IX, Issue I, January/2019, PP.715-727.

13. G.N.V.Kishore, **B.Srinuvasa Rao**, MD. Sarwar, Generalized (α, β) -Rational contraction and fixed point theorems in ordered S_b -metric spaces with applications, Fasciculi Mathematici, vol.61, 2018, pp. 83-101. DOI:10.1515/fascmath-2018-0019.
14. D. Ram Prasad, G.N.V.Kishore, D.W.J.Victor, **B.Srinuvasa Rao**, C^* -algebra valued Fuzzy soft metric space and related fixed point results by using Triangular A -admissible maps with application to nonlinear integral equations, International Journal of Recent Technology and Engineering (IJRTEEE),ISSN: 2277-3878, Volume-8, Issue-1S3, June 2019, PP.68-72.
15. G.Adhi Lakshmi, G.N.V.Kishore, **B.Srinuvasa Rao**, D. Ram Prasad, (α, ψ) - Contractive results in Ordered Bipolar-metric spaces, International Journal of Recent Technology and Engineering (IJRTEEE),ISSN: 2277-3878, Volume-8, Issue-1S3, June 2019, PP.319-324.
16. D. Ram Prasad, G.N.V.Kishore, **B.Srinuvasa Rao**, G.Adhi Lakshmi, Results in partially ordered bipolar metric spaces via (α, ψ) -contractive condition, International Journal of Recent Technology and Engineering (IJRTEEE),ISSN: 2277-3878, Volume-8, Issue-1S3, June 2019, PP.332-339.
17. G.N.V.Kishore, **B.Srinuvasa Rao**, R.Subba Rao, Mixed monotone property and tripled fixed point theorems in partially ordered bipolar-metric spaces, Italian Journal of Pure and Applied Mathematics- N. 42-2019 (598-615).
18. D. Ram Prasad, G.N.V.Kishore, Hüseyin Işık **B.Srinuvasa Rao**, G.Adhi Lakshmi, C^* -algebra valued fuzzy soft metric spaces and results for hybrid pair of mappings, Axioms-2019, 8, 0099; doi:10.3390/axioms8030099.(ESCI)
19. **B.Srinuvasa Rao**, D. Ram Prasad, G.N.V.Kishore, Some applications via common quadruple fixed point theorems in G -metric spaces, J. Math. Comput. Sci. 10 (2020), No. 1, 189-218.
20. G.N.V.Kishore, **B.Srinuvasa Rao**, Stojan Radenović and Huaping Huang, Caristi type cyclic contraction and coupled fixed point results in bipolar metric spaces, Sahand Communications in Mathematical Analysis (SCMA) Vol.17(1)(2020), PP.1-22.
21. **B.Srinuvasa Rao**, D. Ram Prasad and R.Ravi Sankar, Some Applications Via Suzuki Type Common quadruple fixed point results in G -metric spaces, J. Math. Comput. Sci. 10 (2020), No. 4, 1104-1130.
22. G.N.V.Kishore, G.Adhilakshmi, V.S.Baghavan, **B.Srinuvasa Rao**, D. Ram Prasad, C^* -algebra valued Fuzzy soft metric space and related fixed point results by using Triangular α -admissible maps with application to nonlinear integral equations, Journal of Adv Research in Dynamical & control systems, Volume-12, Issue-02, 2020, PP.315-331.
23. G. N. V. Kishore, D. Ram Prasad, **B. Srinuvasa Rao**, and V. S. Baghavan, Some applications via common coupled fixed point theorems in Bipolar metric spaces, Journal of Critical Reviews, Vol 7, Issue 2, 2020, PP.601-607.
24. G. N. V. Kishore, **B. Srinuvasa Rao**, D. Ram Prasad, and V. S. Baghavan, Some fixed point results of C^* -Algebra valued fuzzy soft metric spaces with applications, Journal of Critical Reviews, Vol 7, Issue 2, 2020, PP.608-614.
25. G.N.V. Kishore, K.P.R. Rao, Hüseyin Işık, **B. Srinuvasa Rao**, A. Sombabu, Covarian mappings and coupled fixed point results in bipolar metric spaces, Int. J. Nonlinear Anal. Appl. Volume 12, Issue 1, Winter and Spring 2021, 1-15.

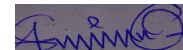
26. G.N.V. Kishore, Hüseyin Işık, H.Aydi, **B. Srinuvasa Rao**, D. Ram Prasad, On new types of contraction mappings in bipolar metric spaces and applications, Journal of Linear and Topological Algebra, Vol. 09, No. 04, 2020, 253- 266.
27. **B.Srinuvasa Rao**, G.N.V.Kishore and R.Ravi Sankar, Matrix approach to existence and uniqueness solution in Bipolar metric spaces with Applications, International Journal of Advances in Mathematics. (Communicated).

Academic References

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(Dr.B.Srinuvasa Rao)