RESUME

Name : **GEDALA SATYANARAYANA**
Father Name : **G. APPALARAJU**
Date of Birth : **18-12-1974**
Place of Birth : **Visakhapatnam**
Martial status: **Married**
Caste : **O. C.**
Religion : **Hindu**
Nationality : **Indian**
Address : **8-25-10, TAMIL STREET,**
 CHINA WALTAIR,
 VISAKHAPATNAM,
 ANDHRA PRADESH, INDIA, 530 017.
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 gsatyanarayana@lbc.edu.in

Educational qualifications:

S. No.	School/ College/University	Primary/Upper Primary/ High School/ Intermediate/ Degree	Year of Passing	% of Marks
1.	Andhra University, Visakhapatnam	Ph. D. (Mathematics)	2020	
2.	Andhra University(Campus), Visakhapatnam	M. A./ M. Sc. Mathematics	2002	60.8
3.	Andhra University, Visakhapatnam	B. Ed. (Mathematics and Physical Sciences)	1998	72.0
4.	Andhra University, Visakhapatnam	B. Sc., (Mathematics, Physics, Chemistry)	1997	75.0
5.	Board of Intermediate, A.P.	Intermediate	1994	67.6
6.	Board of Secondary School Education, Andhra Pradesh, India.	Class X	1990	70.5
7.	St. Anthony school, Visakhapatnam, A. P., India.	Class VI-Class X	1985-1990	
7.	Prema Primary Aided School, Visakhapatnam-20	Class I- Class V	1980-1985	
8.	APSET-2012		2012	Qualified
9.	GATE-2002 (Mathematics)		2002	Qualified with 89 percentile

Teaching Experience: 21 years, 11 months and 18 days

S. No.	Particulars	College	Dates		Teaching Experience
			From	**To**	
1.	M. Sc. Mathematics (P. G. Level)	A. G. L. Degree and P.G. college, Visakhapatnam, A.P., India.	15-09-2002	11-07-2003	9 months and 28 days
2.	M. Sc. Mathematics (P. G. Level)	Dr. Lankapalli Bullayya P. G. College, Visakhapatnam	14-07-2003	28-04-2011	7 years, 09 months and 14 days
3.	Engineering	Dr. Lankapalli Bullayya College of Engineering for women, Visakhapatnam	29-04-2011	Till date	13 years, 4 months, 4dayS
4.	Total experience				21 years 11 months 18 days

 Papers taught:

At P. G. Level(A.U. Syllabus):
Algebra-I
Topology-I
Real Analysis-I
Topology-II
Real Analysis-II
Complex analysis-I
Complex analysis-II
Discrete Mathematics
Functional Analysis
Commutative Algebra-I
Commutative Algebra-II
Number Theory-I
Number Theory-II
Calculus of variations
Partial differential equations
Measure and integration

Engineering Subjects (AU Syllabus):
M1, M2, M3, M4, M5, PSQT, OR.

Research experience

Paper Publications : 14

1. G. V. R. BABU, K. K. M. SARMA, P. HARI KRISHNA, V. A. KUMARI, **G. SATYANARAYANA** and P. SUDHEER KUMAR, Common fixed points of a pair of self maps satisfying certain weakly contractive inequality involving rational type expressions via two auxiliary functions in partial ordered metric space, FACTA UNIVERSITATIS (NIS) ˇ Ser. Math. Inform., Vol. 32, No 3 (2017), 329–352.**(WOS (ESCI) Journal) ISSN: 0352-9665.**

2. G. V. R. BABU, P. SUDHEER KUMAR, and **G. SATYANARAYANA,** Fixed Points of Generalized $\alpha - \beta - \psi$−Contractive Mappings in Partially Ordered Complete Metric Spaces **,** Int. J. Math. And Appl., 6(2–A)(2018), 83–92, ISSN: 2347-1557 **(UGC).**

3. G. V. R. BABU AND **G. SATYANARAYANA**, and M. Vinod Kumar, PROPERTIES OF RAZUMIKHIN CLASS OF FUNCTIONS AND PPF DEPENDENT FIXED POINTS OF WEAKLY CONTRACTIVE TYPE MAPS , BULLETIN OFTHE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, ISSN (p) 2303-4874, ISSN (o) 2303-4955, Vol. 9(2019), 65-72 **(UGC).**

4. G. V. R. BABU AND **G. SATYANARAYANA**, CONVERGENCE OF BS -ITERATION PROCEDURE IN UNIFORMLY CONVEX BANACH SPACES AND COMPARISON OF ITS RATE OF CONVERGENCE, BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, ISSN (p) 2303-4874, ISSN (o) 2303-4955, Vol. 9(2019), 427-439 **(UGC).**

5. G. V. R. BABU AND **G. SATYANARAYANA**, EXISTENCE OF ENDPOINTS OF MULTI-VALUED ALMOST φ−CYCLIC WEAKLY CONTRACTIVE MAPS, J. Fixed Point Theory, 2019, 2019:2 ISSN: 2052-533.

6. G. V. R. BABU AND **G. SATYANARAYANA,** Convergence, data dependence and T-stability of AK iteration procedure for contractive like operators, Malaya Journal of Matematik, Vol. 7, No. 2, 298-303, 2019 **(UGC).** ISSN(P):2319−3786 Malaya Journal of Matematik ISSN(O):2321−5666.

7. G. V. R. BABU AND **G. SATYANARAYANA,** A new iteration procedure for multivalued nonexpansive maps in uniformly convex Banach spaces, Res. Fixed Point Theory Appl. Volume 2019, Article ID 2019032, 14 pages, e-ISSN 2581-6047.

8. G. V. R. BABU AND **G. SATYANARAYANA** , Convergence of CR-iteration procedure for a nonlinear quasi contractive map in convex metric spaces, Commun. Nonlinear Anal. 7(1) (2019), 82–88.

9. G. V. R. BABU AND **G. SATYANARAYANA,** CONVERGENCE OF NOOR, AND ABBAS AND NAZIR ITERATION PROCEDURES FOR A CLASS OF THREE NONLINEAR QUASI CONTRACTIVE MAPS IN CONVEX METRIC SPACES, Maltepe Journal of Mathematics, ISSN:2667-7660, Volume II Issue 1 (2020), Pages 14-26.

10. G. V. R. BABU AND **G. SATYANARAYANA**, Iterative approximation of common fixed points of generalized nonexpansive maps in convex metric spaces, Advances in the Theory of Nonlinear Analysis and its Applications, 4 (2020) No.2, 112-120.**(Scopus).**

11. G. V. R. BABU AND **G. SATYANARAYANA**, CONVERGENCE OF AK-ITERATION, VATAN TWO STEP ITERATION, PICARD-S ITERATION AND CR-ITERATION, STABILITY OF AK-ITERATION AND COMPARISON OF RATE OF CONVERGENCE, Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis 273(a)(2020), 195-207.**(Scopus).**
ISSN: 1201-3390(p), ISSN: 1918-2538(e)

12. G. V. R. BABU AND **G. SATYANARAYANA**, CONVERGENCE AND STABILITY OF PICARD S-ITERATION PROCEDURE FOR CONTRACTIVE-LIKE OPERATORS, MATEMATICKI VESNIK ˘ 73, 2 (2021), 111–118 June 2021 **(Scopus and WOS (ESCI)Journal).** ISSN: 2406-0682(o), 0025-5165(p).

13. G. V. R. BABU AND **G. SATYANARAYANA**, Comparison of Harder stability and Rus stability of Mann iteration procedure and their equivalence, Int. J. Nonlinear Anal. Appl. 13 (2022) No. 1, 409-420, ISSN: 2008-6822 (electronic) **(Scopus and WOS (ESCI) Journal).**

14. G. V. R. BABU**, G. SATYANARAYANA** AND P. MOUNIKA, Fixed points of Nesic type contraction map in convex metric spaces , Commun. Nonlinear Anal. 1 (2023), 1–5.
Available online at **https://rsgmodelling.co.uk/**

Work shops Participated	:	**01**
Papers presented in National Seminars	:	**01**
Papers presented in National conferences	:	**02**
Papers presented in International conferences	:	**03**
Participated in International conferences	:	**01**
Participated in webinars	:	**02**
Participated in International e-conferences	:	**01**
Participated Faculty Development Program	:	**02**

1. **Participated** in the **International conference** on Algebra and applications-2014 **(ICAA-14)** organized by Department of Mathematics, **Andhra University**, Visakhapatnam from **29th April, 2014-1st May, 2014**.

2. **Presented** a paper entitled ``Fixed points of set-valued Tac-contractive maps" in the UGC Sponsored Two day **National conference** on ``Recent Advances in Mathematics and its Applications" (RADMAS- 2016) organized by the Department of Mathematics, **St. Joseph's college for Women (Autonomous), Visakhapatnam, held on 17th and 18th November 2016.**

3. **Presented** a paper entitled ``New stability Results of Mann iteration for almost contractive type mappings" in the UGC sponsored Two day **National seminar** on ``Recent Advances in Mathematics and its Applications" (**RADMAS- 2016**) organized by the Department of Mathematics, **J. M. J. College for Women, Tenali, A. P.held on 20th and 21st Sept. 2017.**

4. **Presented** a paper entitled ``Convergence of AK-iteration, Vatan two step iteration and stability of AK- iteration" in the 3rd **international conference** `Recent Advances in Mathematical sciences and applications and its Applications" (**RAMSA- 17**) held on **19th -22nd December, 2017 at Gayatri Vidya Parishad College of Engineering (Autonomous) Madhurawada, Visakhapatnam,A.P., India.**

5. **Presented** a paper entitled ``Convergence, Data dependence, Stability results for AK-iteration Procedure" in **International conference** on Mathematical Sciences and Applications**(ICMSA-2018)**" held on **February 23-25, 2018, at Department of Pure and Applied Mathematics, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India.**

6. **Participated** in a two day **National Conference** ``Recent Advances in Mathematics and Mathematical Sciences" jointly organized by UASMS and Prof. S. Minakshi Sundaram Memorial Society and in Collaboration with Department of Mathematics & Statistics, **Mrs. A. V. N. College**, Visakhapatnam on **13th and 14th October, 2018.**

7. **Participated** in the ``Teachers Enrichment **Workshop** on Analysis and Algebra" organized by **National centre for Mathematics (A joint centre of TIFR and IIT Bombay)** held at Andhra University, Visakhapatnam from January 07-12, 2019.

8**. Presented a paper** entitled ``Remarks on Picard-S iteration procedure for contractive like operators in the **International conference** on Recent inventions and innovations in Mathematical Sciences (**ICRIIMS-2019**) organized by Department of Applied Mathematics, Andhra University, Visakhapatnam on 28th February & 1st March, 2019.

9. **Presented a paper** entitled ``Iterative approximation of common fixed points for a class of non -expansive maps in convex metric spaces" in the two day **National conference** on ``Recent Advances in Mathematics and Mathematical Sciences" organized by Department of Mathematics and Statistics, St. Joseph's college for women (Autonomous), Visakhapatnam on 15th and 16th November, 2019.

10. **Participated** in the **webinar** on ``Recent developments in Mathematics and its applications", held on June 20, 2020, organized by Department of Mathematics, GITAM institute of sciences, Visakhapatnam.

11. **Participated** in ``International e-conference on fixed point theory and its applications to real world problems, held on 27th June, 2020, organized by Department of Mathematics Post Graduate college, Maldevda, Raipur(Dehradun) Uttarakhand, India.

12. **Participated** in the two day international **webinar** on ``Analytical approach of Mathematics and its Allied areas", Mrs. A. V. N. College, Visakhapatnam during 03th-04th July, 2020.

13. **Participated** in the a five day international online **faculty development program** on ``Education 4.0- Digital teaching and learning" organized by Department of civil engineering, Dr. Lankapalli Bullayya college of Engineering, Visakhapatnam-530 013from 31-08-2020to 04-09-2020.

14. **Participated** in **five day online Faculty Development Program** on "Applications of Mathematics in Applied Sciences and Engineering" jointly organized by GMR Institute of Technology-Rajam & National Institute of Technology-Warangal from 30th January - 03rd February, 2023.

                                                                    G. Satyanarayana