



1. **Name** : Dr. SHIVAPRASANNA G.S.
2. **Date of birth** : 12-09-1982
3. **Father's Name** : SHIVAKUMAR
4. **Address** : #67/A, 4th cross, Suvarna Layout,
Nagarbhavi 1st stage, Bengaluru-560072.
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5. **Academic Performance** :

Degree	University	Subject	Year of Passing
B.Sc.	Bengaluru	Physics, Mathematics, Computer science	2003(First Class)
M.Sc.	Bengaluru	Mathematics	2006 (First Class)
Ph.D.	Bengaluru	Differential Geometry	2015 (Awarded)

6. **Specialization** : 1. Riemannian geometry
2. Magneto Hydro Dynamics
3. Finite element theory
7. **Title of the Ph.D. Thesis** : “ON DIFFERENT TYPES OF
SYMMETRY OF RIEMANNIAN
MANIFOLDS”
8. **Teaching experience in years** : 18 Years 5 months

9. Teaching Experience details:

Sl.No.	Institution	Position	From	To	Experience
1	Dr.Ambedkar Institute of Technology	Assistant Professor	12/08/2014	Till Date	11years
2	Amruta Institute of Engineering &Management Sciences	Assistant Professor	17/09/2008	11/08/2014	5 years 10 months
3	Ghousia College of Engineering	Lecturer	14/01/2008	16/09/2008	8 months
4	Jnana Vikas Institute of Technology	Lecturer	05/02/2007	11/01/2008	11 months

10. Research Experience : 12 Years

11. Ph.D. Research Students:

Sl. No.	Name	Year of Registration	Title of the thesis	University	Status	Guide/Co-guide
1	Prabhavati G Angadi 1DA17PGA03	2018	A STUDY ON CONTACT MANIFOLDS AND ITS SUBMANIFOLDS	VTU	Awarded 2022	Guide
2	MD Samiul Haque 1DA17PGA01	2018	STUDY ON RICCI SOLITONS IN RIEMANNIAN MANIFOLDS	VTU	Awarded 2023	Guide
3	Sukanya M B, 1DA21PMA05	2022	RICCI SOLITONS AND SUBMANIFOLDS	VTU	Course-work completed	Guide
4	Asha R	2024	CHARACTERIZATION OF RICCI SOLITONS IN CONTACT MANIFOLD	VTU	Registered	Guide

12. Achievement:

Best performer award in the Department of Mathematics , 2022-23, Dr.AIT.

13. PUBLICATIONS AND PATENT:

TOTAL	34
SCOPUS INDEXED	15
WEB OF SCIENCE	05
PATENT	01
BOOK CHAPTERS	02

1. **On Pseudo-projective curvature tensor in LP-Sasakian manifolds**,with Y.B.Maralabhavi, International Mathematical Forum, Vol.7, 2012no.23, 1121-1128 - International Journal.
2. **Second order parallel tensors on generalized Sasakian space-forms**,with Y.B.Maralabhavi, International Journal of Mathematical Engineering and Science, ,Vol 1, 2012, Issue 8, 1-11. ISSN: 2277-69822001-International Journal.
3. **On weakly symmetric and weakly conformallysymmetric spaces admitting Veblen identities**,with Y.B.Maralabhavi, Int.J.Contemp. Math.Sciences, Vol.6,2011,no.47,2327-2333-International Journal.
4. **On 3-dimensional (ϵ,δ) -trans-Sasakianstructure**,with Y.B.Maralabhavi International Journal of Pure and Applied Mathematics , Vol.87, No.3, 2013, 405-413, ISSN:1314-3395,Scopus, doi: <http://dx.doi.org/10.12732/ijpam.v87i3.4>.
5. **Ricci solitonsin 3-dimensional (ϵ,δ) -trans-Sasakian structure**, with Y.B.Maralabhavi, International journal of Mathematical Archive,Vol.5, No.4, 2014, 258-265, ISSN:2229-5046 -International Journal.
6. **On semi-symmetric metric connection in a generalized (k,μ) - space forms**, with Y.B.Maralabhavi, International journal of Mathematical trends and technology, Vol.9, No. 3, 1-16, 2014, ISSN:2231-International Journal.
Some results on (ϵ,δ) -trans-Sasakian manifolds,with Y.B.Maralabhavi NationalConference on Diff.Geom.proceedings 105-110, ISBN: 978-81-928387-1-7. **(Conference Proceedings)**.
7. **On K-contact manifolds and Generalized Sasakianspaceform**, with Y.B.Maralabhavi,NationalConference on Diff.Geom.proceedings 111-117, ISBN: 978-81-928387-1-7. **(Conference Proceedings)**
8. **Invariant submanifolds of (ϵ,δ) -trans-Sasakian manifolds**,with Y.B.Maralabhavi, Scholars journal of physics and Mathematics,Vol.2,Issue 2B,2015, 191-195,ISSN:2393-8064- National Journal.
9. **Weakly Quasi conformally symmetries of generalized (k,μ) - space forms**, IOSR-JM, Vol. 10, No.2.ver.III,2014, 70-78, ISSN:2278-International Journal.
10. **Some results on Generalized (k,μ) -spaceforms** , Inter journal of scientific engineering and applied science, Vol.2, Issue-7, 2016, ISSN: 2395-3470.

11. **Invariant submanifolds of Special Trans-Sasakian structures** With Somashekhara G , Global Journal of pure and applied mathematics, Vol. 13, No. 4, 2017,1183-1193, ISSN: 0973-1768.
12. **Ricci Solitons on (ϵ, δ) -trans-Sasakian manifolds**, with Somashekhara G, International journal of Mathematics and its application, Vol.5, Issue 4D, 2017, 539-545. ISSN: 2347-1557.
13. **Some classes on α -para Kenmotsu manifolds**, with Prabhavati G Angadi, International Journal of Pure and Applied Mathematics, Volume 119 ,No. 14 , 205-212, 2018.
14. **η -Ricci soliton in three-dimensional (ϵ, δ) -trans-Sasakian manifold**, with Samiul Haque, Waffen-und kostumkunde journal, Volume XI, Issue III, March/2020. (WOS)
15. **η -Ricci soliton on f-Kenmotsu manifolds**, with Samiul Haque, Journal of Physics: Conference Series, Vol.1543 , No.012007, 2020. (Scopus), **DOI** : 10.1088/1742-6596/1543/1/012007
16. **η -Ricci soliton in α -para Kenmotsu submanifolds**, with Prabhavati G Angadi, Journal of Physics: Conference Series, Vol. 1597, No. 1, 2020. (Scopus), <http://dx.doi.org/10.1088/1742-6596/1597/1/012032>.
17. **CR-Sub-Manifolds of (ϵ, δ) -Trans-Sasakian Manifolds Admitting Generalized Symmetric Metric Connection**, with Somashekhara G, Mathematical Combinatorics, Vol.3, Page 56-64, 2020. (International)
18. **Ricci-Yamabe solitons on submanifolds of some indefinite almost contact manifolds**, Advances in Mathematics Scientific Journal, Vol.9, N0.11,10067-10080, 2020. (Scopus), <https://doi.org/10.37418/amsj.9.11.114>
19. **η -Yamabe soliton on 3-dimensional α -para Kenmotsu manifold**, with Prabhavati G Angadi, Chinese Journal of Mathematical Sciences, Vol.1, 29-37 and 2021(International).
20. **η -Ricci-Yamabe soliton in LP-Sasakian Manifolds**, International journal of Mathematical and Computational Sciences, Vol.11, 6242-6255 and 2021(Scopus). <https://doi.org/10.28919/jmcs/6253>
21. **Ricci solitons on LCS-manifolds under D-homothetic deformation**, Italian Journal of pure and Applied Mathematics, Vol.46, 672-683, 2021 (Scopus).
22. **Invariant submanifold of generalized Sasakian space form with semi-symmetric metric connection**, Montes Taurus Journal of Pure and Applied Mathematics, 4(1),128-134,2022. (International)
23. **On weakly symmetric generalized (k, μ) -space forms**, Proceedings of the Jangjeon Math. Soc, 25(2), 133-144,2022 (Scopus). <http://dx.doi.org/10.17777/pjms2022.25.2.133>
24. **Generalised Sasakian-Space-Form in Submanifolds**, Mathematical Combinatorics, 3, 69-81, 2022.
25. **Pseudo parallel and generalized Ricci pseudo parallel invariant submanifolds of a generalized Sasakian space form**, Proceedings of the Jangjeon Mathematical society, 26(1), 69-78, 2023.(Scopus) , **doi**: <http://dx.doi.org/10.17777/pjms2023.26.1.69>
26. ***-Ricci Tensor on Generalized Sasakian-Space-Form**, International Journal of Mathematical Combinatorics, Vol. 4, 76-124,2023. https://fs.unm.edu/IJMC/-Ricci_Tensor_on_Generalized_Sasakian-Space-Form.pdf

27. **f -Kenmotsu Manifolds with generalized symmetric metric connection**, BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, 13(3)(2023), 517–527. <https://doi.org/10.7251/BIMVI2303517A>, ISSN: 2303-4874
28. **Ricci Yamabe Solitons in three-dimensional (ϵ, δ) -trans-Sasakian manifold**, Tuijin Jishu/Journal Propulsion Technology, Vol. 45, No.1, 2024. ISSN:1001-4055, <https://doi.org/10.52783/tjjpt.v45.i01.5429> (Scopus)
29. **Generalized Quasi-Conformal Curvature Tensor and the Spacetime of Relativity**, Boletim da Sociedade Paranaense de Matemática, 2024 (42) : 1–9. ISSN-2175-118, <https://doi.org/10.5269/bspm.66478>. (Scopus-Q2)
30. **On Submanifolds of a Sasakian Manifold**, Boletim da Sociedade Paranaense de Matemática, 2024 (42) : 1–8. ISSN-0037-8712. <https://doi.org/10.5269/bspm.42402>. (Scopus-Q2)
31. **Almost Ricci-Yamabe Solitons in f -Kenmotsu Manifolds**, Boletim da Sociedade Paranaense de Matemática, (3s.), v.2025 (43) : 1–8, ISSN-0037-8712, [doi:10.5269/bspm.69758](https://doi.org/10.5269/bspm.69758). (Scopus-Q2)
32. **Geometry of η -Ricci Yamabe Soliton on Nearly Sasakian Manifold**, Boletim da Sociedade Paranaense de Matemática, (3s.) v. 2025 (43) : 1–8. ISSN-0037-8712 [doi:10.5269/bspm.70582](https://doi.org/10.5269/bspm.70582). (Scopus-Q2)
33. **Conformal Einstein Solitons on a Perfect Fluid Spacetime**, Boletim da Sociedade Paranaense de Matemática, (3s.) v. 2025 (43) : 1–10. ISSN-0037-8712, [doi:10.5269/bspm.68789](https://doi.org/10.5269/bspm.68789). (Scopus-Q2)
34. **Three dimensional Quasi Sasakian Metric as Ricci soliton under D-homothetic deformation**, MESA, 2025(16), No. 1, 157-165. (Scopus Q3).
35. **PATENT: AN INTEGRATED ADAPTER DEVICE WITH SELECTIVE POWER DISTRIBUTION AND CHARGE CHARACTERISTICS INFORMATION RETRIEVAL SYSTEM**

Book Chapters:

1. **Critical Study of η -Ricci Solitons on f -Kenmotsu manifolds**, New Insights into Physical Science, Vol. 11, Date 05/01/2021, B P International book publisher, DOI:<https://doi.org/10.9734/bpi/nis/v11>, ISBN:978-93-90516-59-9.
2. **Ricci Solitons on LP-Sasakian manifolds with respect to quarter symmetric Non – metric connection**, Innovative solutions: A systematic Approach Towards Sustainable Future, Page 300-309, Doi: <https://doi.org/10.9734/bpi/mono/978-93-49238-47-3>, ISBN:978-93-49238-02-2. 2025, B P International book publisher.

14. Additional Responsibilities:

1. BOS member as VTU Nominee, RR Institute of Technology, Bengaluru.
2. BOE member of Bangalore University, Dr.AIT, BMSCE, PESIT, SIT, EWIT, RRCE
3. Doctoral committee member (VTU)
4. NSS Coordinator

15. Membership in Academic Bodies:

1. Life member in the Association of Mathematics Teachers of India.
2. Membership in Indian Mathematical Society.
3. Life Membership in IAENG.

16. List of conference/seminars/workshops/training attended

Sr. No	Name of the course	Place	Duration		No. of week/ Days	Name of the Institution where program is conducted
			From	to		
1	Next-Gen cyber security: Tools, Trends and Techniques	Bengaluru	27/05/2025	31/05/2025	1 week	Dr. Ambedkar Institute of Technology
2	Graph Theory and Optimization	Bengaluru	23/09/2024	28/09/2024	1 week	Ramaiah Institute of Technology
3	One week Short term training program MATLAB and its Applications	Kolkata	05/07/2021	09/07/2021	1 week	NITTR
4	One week Short term training program Control system analysis and Design with MATLAB	Kolkata	09/08/2021	13/08/2021	1 week	NITTR
5	UGC sponsored Refresher Course	Bengaluru	18/01/2021	01/02/2021	2 weeks	Bangalore University
6	Faculty development program on Emerging Trends in Mathematics	Guntur	17/06/2021	21/06/2021	1 week	Tirumala Engineering college
7	National Education Policy-2020 and Technical Education	Bengaluru	17/12/2020	19/12/2020	3 days	Dr. Ambedkar Institute of Technology
8	Pedagogy for effective use of ICT in Engineering Education	Bengaluru	07/12/2020	12/12/2020	1 week	Dr. Ambedkar Institute of Technology
9	NPTEL Online Certification	Kharagpur	September	December, 2020	12 weeks	IIT

10	International e-seminar on Recent Research in Mathematics	Bengaluru	11/06/2020	15/06/2020	1 week	GITAM University
11	Five day FDP On Applications of Mathematics in Engineering	Coimbatore	27/07/2020	31/07/2020	1 week	KPR Institute of Engineering and Technology
12	Four week induction/Orientation	Delhi	26/06/2020	24/07/2020	4 weeks	Teaching Learning
	programme for “Faculty in Universities/Colleges/institutes of Higher education					Centre, Ramanujan college University of Delhi
13	Five days FDP on ‘E-content creation for MOOCs and MOODLE	Ayodhya	10/06/2020	14/06/2020	1 week	Institute of Engineering and Technology
14	Two weeks online Refresher course on ‘Recent Innovations in Electrical, Electronics, Instrumentation, Automation and Teaching Pedagogy’	Bengaluru	18/05/2020	30/05/2020	2 weeks	SAI RAM engineering college
15	Faculty Development Program on Scilab	Bombay	01/05/2020	07/05/2020	1 week	RajarshiShahu Mahavidyalaya, Latur and Spoken Tutorial project IIT, Bombay
16	Creating open course based Gnomio Moodle	AKURDI	First week of April	24/04/2020	4 weeks	D.Y.Patil College of Engineering
17	NPTEL Online Certification	Kharagpur	January 2020	April 2020	12 weeks	IIT
18	Digital Transformation in Teaching Learning Process	Bombay	14/03/2020	6/04/2020	3 weeks	IIT
19	FDP on “ Industry 4.0-It’s Impact on education”	Bengaluru	18/03/2019	22/03/2019	1 week	Dr.Ambedkar Institute of Technology
20	Innovative Pedagogy for Effective Teaching	Bengaluru	16/01/2019	18/01/2019	2 days	Dr.Ambedkar Institute of Technology
21	UGC Sponsored Refresher Course	Bengaluru	29/08/2018	19/09/2018	4 weeks	Bangalore University

22	One day Seminar on Intellectual property Rights	Bengaluru	9/08/2018	-	1 day	Dr.Ambedkar Institute of Technology
23	Induction program for Faculty	Bengaluru	30/07/2018	04/08/2018	1 week	Dr.Ambedkar Institute of Technology
24	FDP on Emerging Trends in Project management	Bengaluru	9/04/2018	13/04/2018	1 week	Dr.Ambedkar Institute of Technology
25	FDP on Recent Advances in Internal Combustion	Bengaluru	2/04/2018	7/04/2018	1 week	Dr.Ambedkar Institute of Technology
26	One week FDP on Computational Tools for Engineering Applications	Bengaluru	16/01/2018	21/01/2018	1 week	Ramaiah Institute of Technology
27	Faculty Induction Program	Pune	27/11/2017	2/12/2017	1 week	College of Engineering
28	FDP on Discrete Mathematics, Modeling and computational Techniques in Science and Engineering	Bengaluru	16/01/2017	21/01/2017	1 week	Ramaiah Institute of Technology
29	A Pedagogy For Effective Use of Mathematics for Research in Science And Technology	Shivamogga	27/07/2015	31/07/2015	1 week	JNNCE
30	Emerging paradigm in project management	Bengaluru	04/08/2014	08/08/2014	1 week	RVCE
31	Theoretical, computational and applied Mechanics	Bengaluru	16/06/2014	20/06/2014	1 week	BMSCE
32	UGC sponsored One day International Symposium on Advances in Applied Mathematics	Bengaluru	16/01/2014	-	1 Day	MES Degree College of Arts, Commerce and Science
33	Science Academies Lecture workshop on Excursions in Mathematics	Bengaluru	27/12/2013	28/12/2013	2 days	Jain University

34	Conference on Differential Geometry and its Applications	Shivamogga	27/05/2011	28/05/2011	2 days	Kuvempu University
33	Mathematical Modeling and Applications	Bengaluru	29/09/2011	01/10/2011	3 days	DonBosco Institute of Technology
34	International workshop on Mathematics and its applications to Engineering and Technology	Chickballapur	17/08/2009	-	1 day	SJCIT

17. Details of Paper presentation

17. Details of Paper presentation						
Sr. No	Name of the course	Place	Duration		No. of Days	Name of the Institution where program is conducted
			From	to		
1	27th International conference Of international academy of physical sciences (coniaps xxvii) On “Fuzzy and computational mathematics” (Paper presentation)	Agartala	26/10/2021	28/10/2021	3 days	National institute of technology
2	International Webinar (co-ordinator)	Bengaluru	28/09/2020	-	1 day	Dr.Ambedkar Institute of Technology
3	International Conference on New Trends in mathematical Modelling with applications (Paper presentation)	Uthangarai, Tamilnadu	29/07/2019	30/07/2019	2 days	Sri VidyaMandir Arts and Science College
4	National conference on Emerging Trends in Engineering and Technology (Paper presentation)	Ayodhya	27/07/2019	28/07/2019	2 days	Dr. Rammanohar Lohia Avadh University

5	2 nd International Conference on Global advancement of Mathematics	Bengaluru	25/06/2019	26/06/2019	2 days	Acharya Institute of Graduate Studies
6	National Conference on Recent Trends in Science , Engineering Technology (Paper presentation)	Bengaluru	7/06/2019	8/06/2019	2 days	Dr.Ambedkar Institute of Technology
7	International Conference on Applied engineering Sciences and Management (Paper presentation)	Bengaluru	12/10/2018	13/10/2018	Two days	K.S.School of Engineering
8	National conference on Recent Advances in Applied Sciences (Paper presentation)	Bengaluru	25/04/2016	-	One day	AMC Engineering college
9	National conference on Recent development of Mathematics (Paper presentation)	Tumkur	17/10/2014	18/04/2014	2 days	Tumkur University
10	National conference on Emerging Trends in Mathematics (Paper presentation)	Bengaluru	25/04/2014	-	One day	Govt. Science College
11	National conference on Geometry, Algebra, Logic and Number Theory Applications (Paper presentation)	Tumkur	06/12/2014	-	One day	Tumkur University

(Shivaprasanna G S)