GMR Institute of Technology (GMRIT)
Deemed to be University

List of Publications
Department of Basic Sciences and Humanities
GMR Institute of Technology (GMRIT) – Deemed to be University
Rajam, Andhra Pradesh–532127, India

	National Conference	National Journal	International Conference	International Journal	Books / Book chapter	Total Publications	Cumulative publications
July 26	00	00	00	04	00	04	654
June 26	00	00	00	03	00	03	650
May 26	00	00	00	04	00	04	647
April 26	00	00	00	04	00	04	643
March 26	00	00	00	02	00	02	639
February 26	00	00	00	04	00	04	637
January 2026	01	00	00	02	00	03	633
December 25	00	00	01	00	00	01	630
November 25	00	00	00	02	00	00	629
Ocober 2025	00	00	00	03	00	00	627
Sep'ber 2025	00	00	00	03	00	03	624
August 2025	00	00	20	01	00	21	621
July 2025	00	00	00	12	00	12	600
June 2025	00	00	00	07	00	07	588
May 2025	00	00	00	03	00	03	581
April 2025	02	00	00	09	00	11	578
March 2025	00	00	00	04	00	04	567
February 2025	00	00	00	05	00	05	563
January 2025	00	00	00	08	00	08	558
December 24	00	00	00	06	00	06	550
November 24	00	00	00	02	00	02	544
October 24	00	00	00	03	01	03	542
Sep'ber 24	01		03			04	539
August 2024	00	06	00	00		06	535
July 2024	00	00	00	05	00	05	529
June 2024	00	00	00	02	00	02	524
May 2024	00	00	00	04	00	04	522
April 2024	00	00	00	04	00	04	518

March 2024	00	00	00	05	00	05	514
Feb 2024	00	00	00	01	00	01	509
Jan-2024	00	00	00	05	00	05	508
Dec'2023	00	00	00	01	00	01	503
Nov'ber 2023	00	00	00	01	00	01	502
October 2023	00	00	00	04	00	04	501
Sep'ber 2023	00	00	00	05	00	05	497
August 2023	00	00	00	02	00	02	492
July 2023	00	01	00	06	00	07	490
June 2023	00	00	00	02	00	02	483
May 2023	00	00	00	01	00	01	481
April 2023	00	00	00	03	00	03	480
March 2023	00	00	00	05	00	05	477
Feb-2023	00	00	00	00	00	00	472
Jan-2023	00	00	00	02	00	02	472
2022-23	00	00	02	19	01	24	470
2021-22	00	00	00	35		35	446
2020-21	00	00	03	40		43	411
2019-20	01	00	02	32	02	37	368
2018-19	01	00	08	35		44	331
2017-18	00	00	01	29		30	287
2016-17	02	00	10	10		22	257
2015-16	02	03	13	16		34	235
2014-15	08	01	11	29		49	201
2013-14	07	01	11	23		42	152
2012-13	05	01	11	17		34	110
2011-12	10	03	05	16		34	76
2010-11	00	00	06	08		14	42
2009-10	01	00	01	03		05	28
2008-09	01	01	01	03		06	23
2007-08	02	00	00	15		17	17

July 2026

1. M. Premkumar, R. Sowmya, J. S. V. Siva Kumar, and M. Abdullah, "Comparative Assessment and Benchmarking of Metaheuristic Algorithms for Dynamic Photovoltaic Array Reconfiguration Under Diverse Shading Environments," Energy Science & Engineering, vol. 14 (2026): pp.3272-3309, 2026. (SCI-E, Q3 & Scopus Indexed, Q1, Impact Factor: 3.5, https://doi.org/10.1002/ese3.70530)
2. Balaga Viswanadham , Mahendra Goddati, Jaebeom Lee, Balla Putra Kumar, "Surfactant-free synthesis of nanorod CuO catalysts for efficient chemo-selective N-acetylation of amines", Journal of the Indian Chemical Society, Vol. No. 103, Issue No. 8, Article No. 102859, July

2026. [Indexed by SCI/ Scopus, Impact Factor: 3.4 Q2, https://doi.org/10.1016/j.jics.2026.102859]

3. Chintada, V. B., Rao, M. V., Macherla, N., Gurugubelli, T. R., Koutavarapu, R., & Shim, J. "Hydrothermal synthesis of cu-doped ZnFe2O4 spinel nanostructures for enhanced visible-light photocatalytic degradation of tetracycline and ciprofloxacin." Surfaces and Interfaces (2026), 91, 109221. [Indexed by SCIE, IF: 6.0, Q2, https://doi.org/10.1016/j.surfin.2026.109221]
4. Swamy, K. K., Panda, S. K., Albargi, A. H., & Ahmad, J. (2026). Computational simulations and uniform stability of fractional order neural networks under perturbed system setup. *Scientific Reports*. [Indexed by SCIE, IF:4.9, Q1, https://doi.org/10.1038/s41598-026-51847-7]

June 2026

1. Y Aditya, K Dasunaidu, Muralasetti Nookaraju, P. Silpa, G. Suryanarayana,(2026) "CONSTRAINING KANIADAKIS HOLOGRAPHIC DARK ENERGY MODEL IN BIANCHI TYPE III COSMOLOGY", East European Journal of Physics, Vol.No.2, Issue No. 1, pp 19-33, June 2026, (ISSN: 2312-4334), (Indexed in: scopus), (Impact Factor: 1.7),
(Link to the paper: https://periodicals.karazin.ua/eejp/article/view/28483) (Q3)
2. Kannan J.; Jayakumar V.; Pamucar D.; Rajareega S.(2026) "A Hybrid LOPCOW–PROMETHEE framework under linear Diophantine fuzzy sets for sustainable planning" International Journal of Optimization and Control: Theories and Applications Vol.No.16, Issue No. 1, pp 321-348 (ISSN: 2146-0957), (Indexed in: scopus), (Impact Factor: 3.1),
(https://accscience.com/journal/IJOCTA/articles/online_first/6149) (Q2)
3. Macherla N.; Nerella M.; Rao M.V.; Gurugubelli T.R.; Rao M.C.; Koutavarapu R.; Shim J.(2026) "Facile integration of Ce-MOF with few-layer MXene nanoflakes for enhanced supercapacitor performance" Materials Science in Semiconductor Processing Vol.No.214, Issue No. , pp (ISSN: 1873-4081), (Indexed in: scopus), (Impact Factor: 5.2)
(https://www.sciencedirect.com/science/article/pii/S1369800126004853?via%3Dihub) (Q1)

May 2026

1. Hafez R.M.; Panda S.K.; Ahmad H.; Abdelfattah W.M. Contraction-Theoretic Approaches to Robust Synchronization and Control of Chaotic Systems, IEEE Access, 2026, (Q1)
DOI:10.1109/ACCESS.2026.3691503
2. Prasanthi U.Y.D.; Tejeswararao D.; Nagaraju M.; Aditya Y.; Suryanarayana G, OBSERVATIONAL CONSTRAINTS ON PLANE SYMMETRIC RENYI HOLOGRAPHIC DARK ENERGY UNIVERSE WITH SCALAR FIELDS AND COSMIC STRINGS; East European Journal of Physics, 2026:2 (29) 44. (Q4)
DOI: 10.26565/2312-4334-2026-1-03
3. Shanmugapriya R.S.; Kavitha Williams W.; Panda S.K.; Vijayakumar V.; Thilagavathi K, Approximate controllability results for second-order non-local neutral impulsive differential inclusions with damping, Journal of Control and Decision, (Q2) 2026, 13, 601.

DOI: 10.1080/23307706.2024.2370877

4. Vaddi D.R.; Santhoshkumar B.; Appalanaidu J.; Ramanaiah M. A Sustainable Defluoridation Approach using Magnetic Bio-Activated Carbon, Research Journal of Chemistry and Environment, 2026, 30 (5), 66 (Q4)
   DOI: 10.25303/305rjce066075

April 2026

1. Chintada V.B.; Rao M.V.; Macherla N.; Gurugubelli T.R.; Koutavarapu R.; Shim J. Hydrothermal synthesis of Cu-doped ZnFe2O4 spinel nanostructures for enhanced visible-light photocatalytic degradation of tetracycline and ciprofloxacin, Surfaces and Interfaces,DOI: 10.1016/j.surfin.2026.109221, 2026 (Q1)
2. Dhanush A.; Panda S.K.; Vijayakumar V. An analysis on the feedback control for higher-order fractional dynamical systems via sectorial operators, International Journal of Systems Science, 2026 (Q1) DOI: 10.1080/00207721.2026.2657303
3. Macherla N.; Nerella M.; Sreeram N.; Gurugubelli T.R.; Koutavarapu R.; Shim J. Rationally designed CeO2 nanospheres embedded Cu2O microspheres composite with improved supercapacitor performance, Ionics (Q2) DOI: 10.1007/s11581-026-07061-6
4. Prasanthi U.Y.D.; Tejeswararao D.; Nagaraju M.; Aditya Y.; Suryanarayana G. "Observational Constraints On Plane Symmetric Renyi Holographic Dark Energy Universe With Scalar Fields And Cosmic Strings"; East European Journal of Physics, 2026 (Q4) DOI: 10.26565/2312-4334-2026-1-03.

March 2026

1. UYD Prasanthi, D Tejeswararao, DS Rao, Y Aditya, DR Babu, Cosmological Diagnostics of Bianchi Type-II Barrow Holographic Dark Energy Universe, East European Journal of Physics, Issue 1, Pages 60-75, Narch 2026. (ISSN 2312-4334) (Indexed in: Scopus) (Impact Factor: 1.7) (Link to the paper) (Q3).
2. Jayaprada P.; Manepalli R.K.N.R.; Rao K.K.; Rao M.C.; Satyanarayana T.; Subbareddy Y.; Rani N.U.; Koutavarapu R.; Kumar M.T. Effect of ZnO Nanoparticles Dispersed in p–n-Undecyloxy Benzoic Acid Liquid Crystalline Compounds: Optical and Order Parameter Studies, Journal of Applied Spectroscopy, 10.1007/s10812-026-02078-1, 2026 (Q4)

February 2026

1. Aditya, Y.; Maurya, D.C. 'Cosmological dynamics with bulk viscosity in Brans-Dicke-Rastall gravity' Nuclear Physics B: 1024, 117329, SCI indexed (**Q2**), 10.1016/j.nuclphysb.2026.117329.
2. Sekar, K.; Siva, P.; Thennarasi, A.; Sreelakshmi, C.; Rambabu, A.; Kuraganti, K. 'Robust Alkaline Hydrogen Evolution From Ru-degenerate Doped WS2/WSe2 p-n Junction Heterostructure Electrocatalyst' small, SCI indexed (**Q1**), 10.1002/smll.202512923.

3. Panda, S.K.; Vijaya, N.; Albargi, A.H.; Ahmad, J., A Novel Approach to the Dynamics of a Fractional-Order Neural Networks with Delay Through Two-Point Self-Mapped Contraction' Fractal and Fractional, 10: 1, 39. SCI indexed (**Q1**), 10.3390/fractalfract10010039.
4. Aditya, Y.; Prasanthi, U.Y.D.; Babu, D.R., 'Cosmic evolution of Sharma–Mittal holographic dark energy in Brans–Dicke–Rastall gravity' Modern Physics Letters A, SCI indexed (**Q2**) 10.1142/S0217732326500264

January 2026

International Journals

1. S. Saravanan and K. Kumara Swamy, "**Application of fourth power type Contraction in g-metric spaces**" Nonlinear Functional Analysis and Applications, Vol. N0. 30, Issue. No.3, pp.769-784, September 2025 (ISSN N0.: 1229-1595),(**Indexed in: Scopus**), https://doi.org/10.22771/nfaa.2025.30.03.08.
2. Viswanadham, B.; Pedada, J.; Dasireddy, V.D.B.C. The Role of Bi-functional Copper Boasted Phosphotungstic Acid Catalysts Supported on Titania for Dehydration of Glycerol, catalysis letters, 156:1, 8; SCI indexed, (Q2). DOI:10.1007/s10562-025-05253-9

National / International Conferences/workshop

1. Rao, B.G.; Mohanty, D.J.; Aditya, Y.; Prasanthi, U.Y.D. Bianchi type-VI0 Kaniadakis holographic dark energy model in Brans-Dicke theory of gravity, AIP Conference Proceedings 3298: (1)40021. DOI: 10.1063/5.0279480

December 2025

1. Roshini, G.; Triveni, R.; Rambabu, A.; Pittala, P., Structural properties and riveted analysis of SnO2-rGO nanocomposites, AIP Conference Proceedings, 3361, 1, 30032 (2025). **Scopus indexed** 10.1063/5.0298553

November 2025

1. Jeevitha, K., and S. Rajareega**, "q-rung linear diophantine fuzzy Schweizer and Sklar power aggregation operators: risk evaluation of third-party vendor selection based on cybersecurity in healthcare IT"**, Engineering Research Express, Vol. No. 7, Issue No. 4, 2025: 045252. (ISSN No.: 2631-8695) (**Indexed in: ESCI & Scopus**) (I**mpact Factor: 1.5**) (https://doi.org/10.1088/2631-8695/ae16ff) **(Q2)**
2. Pandey, M.K.; Ghosh, P.K.; Mishra, R.K.; Dubey, V.; Kumar, T.A.; Jayaprada, P.; Mandava, B.T.; Ravindranadh, R.; Rao, M.C., Structural and Thermoluminescence Investigations on γ-Ray-Irradiated Limestone Sample. Journal of Applied Spectroscopy, 2025, 95, 5.

10.1007/s10812-025-02011-y (**Q4**)

October 2025

1. A. Rambabu, Kuraganti, K.; James Raju, K.C.J. Tin dioxide (SnO2) thin films as anodes for sodium-ion thin film batteries, Journal of Solid State Electrochemistry, October 2025, 10.1007/s10008-025-06456-1 (Q2)
2. Maddi, L.; Angalakurthi, R.; Prabhavathi, S.; Gali, S.M.; Tadi, K.K, SnO_2–TiO_2 heterojunction nanocomposite for electrochemical supercapacitor applications, Ionics, October 2025, 10.1007/s11581-025-06702-6 (Q2)
3. Rasham, T.; Habib, A.; Panda, S.K.; Aloqaily, A.; Mlaiki, N., Exploring Collective Extension of Aydi-Lolo-Piri-Rasham type Contractions on a Closed Ball with Applications, Contemporary Mathematics (Singapore), October 2025, 10.37256/cm.6520257529. (Q1)

September 2025

4. S., Rajareega, S., A Multi-Criteria Framework for Assessing the Sustainable E-Waste Management Methods with Complex Fuzzy Environment, New Mathematics and Natural Computation 21, 991-1012, 2025. *10.1142/S1793005725500486* (Q3).
5. U.K., Potnuru, Upendra Kumar; K., Lakshmana Rao, K.; M., Mishra, Manohar; T.R., Gurugubelli, Thirumala Rao; S.S., Alharthi, Salman S.; M.R., Tamtam, Mohan Rao; K., Ravindranadh, Koutavarapu, Results in Physics, 76, 108404, 2025. *10.1016/j.rinp.2025.108404* (Q1).
6. D., Tejeswararao, D.; B.N., Naidu, B. Nagamani; K., Koteswararao, Kola; D., Datta, Deepshikha; B., Das, Bimal, "Synthesis of an excellent red phosphor and photo luminescence studies of Eu3+activated double perovskite phosphors NaSrBi1-xEux WO6(x = 0.0-0.24) Synthesis and photoluminescence studies of Eu3+ activated double perovskite phosphors NaSrBi1-xEuxWO6(x = 0.0-0.24)" International Journal of Chemical Reactor Engineering, 23, 729, 2025. *10.1515/ijcre-2024-0135* (Q3).

August 2025

1. D. Srinivasa Kumar, Jikku Susan Kurian, N. Bindu Madhavi, H. Devanna, Parveen Sharma, Nellore Manoj Kumar, **"Sustainable Brand Positioning in Indian FMCG Sector: A Multi Criteria Decision-Making Approach"**, Asian Journal of Interdisciplinary Research, Vol. No. 8, Issue No. 2, pp 177-186, July 2025. (ISSN No. 2581-8430) (**Indexed in Scopus**) (**Impact Factor: 0.12**)
(Link: https://journals.asianresassoc.org/index.php/ajir/article/view/4262) (**Q3**)

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1. Y. Aditya, U. Y. Divya Prasanthi, K. Dasunaidu, Cosmic evolution of Renyi holographic dark energy with massive scalar field and cosmic strings, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040005 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
2. Y. Aditya, U. Y. Divya Prasanthi, Analysis of Renyi holographic dark energy cosmologies with massive scalar fields in Bianchi type-II universe, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040003 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
3. G. Eswara Rao, V. Ganesh, Y. Aditya, U. Y. Divya Prasanthi, Dynamics of Sharma-Mittal dark energy in Bianchi Type-V I 0 universe, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040016 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
4. A. Vijaya Prasanthi, G. Suryanarayana, Y. Aditya, U. Y. Divya Prasanthi, Cosmological evolution of Sharma-Mittal holographic dark energy in self-creation theory of gravitation, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040034 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
5. Y. Aditya, U. Y. Divya Prasanthi, D. Tejeswararao, Cosmography of Kaniadakis holographic dark energy in Lyra manifold, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040046 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
6. B. Ganeswara Rao, Dipana Jyoti Mohanty, Y. Aditya, U. Y. Divya Prasanthi, Bianchi type-VI 0 Kaniadakis holographic dark energy model in Brans-Dicke theory of gravity, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040021 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
7. D. Ram Babu, Y. Aditya, U. Y. Divya Prasanthi, Dynamics of anisotropic Renyi dark energy model in Brans-Dicke-Rastall theory of gravity, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040041 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
8. K. Murali, Y. Aditya, S. Kalesha Vali, Cosmological consequences of Kaniadakis holographic dark energy model in Saez-Ballester theory of gravitation, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040022 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.
9. V. Sreenivasa Rao, V. Ganesh, K. Dasunaidu, Y. Aditya, Anisotropic Sharma-Mittal holographic dark energy model in a scalar-tensor theory of gravitation, Journal: AIP Conference Proceedings (AI POWERED TECHNOLOGY INTEGRATION FOR SUSTAINABILITY (AI-PTIS-2024) 5–6 July 2024, GMR Institute of Technology-Rajam), AIP Conf. Proc. 3298, 040052 (2025). https://pubs.aip.org/search-results?f_AllAuthors=Y.+Aditya.

10. **Santhoshkumar Bhogi,** M.lakshmi Prasad, "**Isothermal Decomposition Behavior of Titanium Hydride**" AIPTIS-2024, GMRIT, July 5th-6th 2024, AIP Conference proceedings, 2025, vol.3298, pp: 40033-40037.
11. Eswara Rao Majji, Lakshmana Rao Banana, Prakasam Kanta, "**AI-powered translation breaking language barriers for science & technology collaboration-A brief review**", AIP Conference Proceedings, Organized by GMR Institute of Technology, 5-6, July 2024.
    Sudhir Kumar Patnaik, Nikhil Kumar Gouda, **The power of language in shaping sustainability discourse: Influencing policy and mobilizing action,** AIP Conference Proceedings**, o**rganised by GMRIT, 5-6 July 2024.
12. Amol Rameshrao Bute, Deepak Kumar Ambasta, Writefull's contribution to advancing writing capabilities: A review, AIP Conference Proceedings, organised by GMRIT, 5-6 July 2024.
13. Mohammed Faez Hasan, Vibha Suraj Bhusari, Laxmana Rao Goranta, Dharmaraj, A, Srinivasa Kumar, Joshuva Arockia Dhanraj, "**Artificial Intelligence in Financial Management: Automating Risk Assessment and Investment Strategies",** 2024 International Conference on Advances in Computing, Communication and Materials (ICACCM), IEEE, 2nd July, 2025.
14. K.V. Satyanarayana, S. Prasada Rao, and D. Srinivasa Kumar, "**Flood Damage in India: A Deep Convolutional Neural Network Approach to Assessing the Loss of Livelihoods, Economic Conditions and Infrastructure",** AI Powered Technology Integration for Sustainability (AI-PTIS-2024), AIP Conference Proceedings, 9th Junly 2025.
15. D., Tejeswararao, D.; B.N., Naidu, B. Nagamani; K., Koteswararao, Kola; D., Datta, Deepshikha; B., Das, Bimal, Synthesis of an excellent red phosphor and photo luminescence studies of Eu3+activated double perovskite phosphors NaSrBi1-xEux WO6(x = 0.0-0.24) Synthesis and photoluminescence studies of Eu3+ activated double perovskite phosphors NaSrBi1-xEuxWO6(x = 0.0-0.24), AI Powered Technology Integration for Sustainability (AI-PTIS-2024), AIP Conference Proceedings, 9th Junly 2025.
16. S.K., Panda, Sumati Kumari; K., Kumara Swamy, K.; V., Velusamy, Vijayakumar; R., Tahair, Rasham, Fixed point theorem in graphical extended S-supra metric space and its application to fractal-fractional order system, AIP Conference Proceedings, 9th Junly 2025.
17. L.R., Banana, Lakshmana Rao; E.R., Majji, Eswara Rao; R., Kotnana, Ramesh; S., Chaduvula, Srinivasarao, The role of AI in improving writing skills of Indian undergraduate EFL learners: A research review, AIP Conference Proceedings, 9th Junly 2025.
18. V.S., Rao, V. Sreenivasa; V., Ganesh, V.; K., Dasunaidu, K.; Y., Aditya, Y., Anisotropic Sharma-Mittal holographic dark energy model in a scalar-tensor theory of gravitation, AIP Conference Proceedings, 9th Junly 2025.
19. G., Dharmana, Govinda; S.K., Nadikatla, Santhosh Kumar; T.R., Gurugubelli, Thirumala Rao; K., Ravindranadh, Koutavarapu, Visible light driven improved photodegradation efficiency of RhB dye over nano-structured SnS/BiVO4(p/n-type) photocatalyst, AIP Conference Proceedings, 9th Junly 2025
20. M.P.S., Rao, M. P.Srinivasa; S.K., Alla, Santhosh Kumar; R.H., Rao, R. H.; G., Dharmana, Govinda, High-sensitivity refractive index sensor with π-shaped gold patches metamaterial absorber for biomedical applications, AIP Conference Proceedings, 9th Junly 2025

July 2025

1. Panda, S.K.,Vijayakumar, V.,Agarwal, R.P. “Fixed point results of b-graphical suprametric space and applications to fractional order neural networks and control systems”, Journal of Nonlinear and Convex Analysis, 2025, 26(5), pp. 1133–1154, May 2025. (ISSN No.:1345-4773) (Indexed in: SCIE and Scopus) (Impact Factor: 0.7) (Link to the paper) (Q3)

2. M., Nerella, Manjula; N., Macherla, Nagaraju; M.B., Suresh, Madireddy Buchi; B., Sobha, B.; R., Koutavarapu, Ravindranadh; J., Shim, Jaesool, Exploring ferromagnetic behaviour and dielectric properties of Fe-doped SnSe for spintronic applications (Q2)

3. G.E., Rao, G. Eswara; V., Ganesh, V.; Y., Aditya, Y.; U.Y.D., Prasanthi, U. Y.Divya, Bianchi Type-II Renyi Holographic Dark Energy Model in Saez-Ballester Theory of Gravity (Q4)

4. D., Datta, Deepshikha; N., Kumar, Nitin; P., Bhangar, Priyasi; S.K., Das, Sudipta K.; K., Ravindranadh, Koutavarapu; B., Das, Bimal, Fabrication and characterization of extracted microsized chitosan embedded PVDF membrane for wastewater treatment (Q3)

5. M.R., Tamtam, Mohan Rao; K., Ravindranadh, Koutavarapu; R., Wang, Rui; G.S., Choi, Gyu Sang; J., Shim, Jasesool, Cobaltâ€“copper MOF: A high-performance and ecofriendly electrode material for symmetric and asymmetric supercapacitors (Q1)

6. J Pradeesh, SK Panda, V Vijayakumar, YK Ma,A note concerning the optimal control results for Hilfer fractional stochastic differential equations of order 1<μ<2', Journal of Applied Mathematics and Computing, Vol.2025 Issue71, p.p.2803–2820January 2025, (ISSN No.:1598-5865) (Indexed in: SCIE and Scopus) (Impact Factor: 2.4) (Q1)

7. J Pradeesh, S Kumari Panda, V Vijayakumar, "A new exploration on the approximate controllability results for Hilfer fractional differential inclusions of order 1< μ< 2 with Clarke's subdifferential type" Volume48, Issue2, p.p 1831-1852 January 2025, (ISSN No.:0170-4214) (Indexed in: SCIE and Scopus) (Impact Factor: 2.1) (Q1)

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2020-21:

2020-21:

National Conferences:

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2020-21:

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International Conference:

1. K.Sudha rani, J.V.S.Sarma, K.Gouru Naidu and K.V.Ramesh, "**Adsorptive Removal Of Chromium By Modified Laterite**", 9th International Conference on Materials Processing and Characterization,Department of Mechanical Engineering and Technology, GRIET,Hyderabad , 8th-10th, March,2019.
2. K.Kumara Swamy and P.Sumati Kumari,"**Fixed Point Theorems on Extended B-Metric Spaces**", International Conference on Recent Inventions and Innovations in Mathematical Sciences(ICRIIMS-2019), Department of Applied Mathematics, Andhra University, Visakhapatnam, 28th February to 1stMarch,2019.
3. D.R.K.Reddy, Y.Aditya and K.Dasu Naidu, "**Dynamics of Bianchi Type-II Anisotropic Dark Energy Cosmological Model in the Presence of Scalar Meson Fields**", International Conference on Recent Inventions and Innovations in Mathematical Sciences(ICRIIMS-2019), Department of Applied Mathematics, Andhra University, Visakhapatnam, 28th February to 1stMarch,2019
4. R.L.Naidu,Y.Aditya and D.R.K.Reddy, "**Bianchi Type-V modified Holographic Ricci Dark Energy Cosmological Model in the Presence Of Massive Scalar Field**", Canadian Journal of Physics, International conference on Recent Inventions and Innovations in Mathematical Sciences(ICRIIMS-2019), Department of Applied Mathematics, Andhra University, Visakhapatnam, 28th February to 1stMarch,2019.
5. P.Geetha and P.Sarita, "**Electrochemical 44rapheme of Few Layered 44rapheme based ZnO Nanocomposites for Supercapacitor**",International Conference on Nano Science & Engineering Application (ICONSEA-2018), IST,JNTUH,Kukatpally, 4th-6th October,2018.
6. S.P. Sekhara Rao, "**A Dystopian Reading of Nadine Gordimer's The Pickup**", International Interdisciplinary Confrerence On Literature And Culture, Department of English, Andhra University, Visakhapatnam, 14th-16th March, 2019.
7. T.Venkata Rao, "**Exploring the use of Cloud Computing in Future Library Services**", An International conference titled, 'International Conference on Marching beyond the Libraries: Managerial Skills & Technological Competencies', Organized by KIIT (Deemed to be

University), Bhubaneswar, during 16th and 17th November, 2018.

8. J. Nantadilok, P. Sumati Kumari , "**Fixed Point Results for Generalized Cyclic Compatible Contractions**", The 10th Asian Conference on Fixed Point Theory and Optimization (ACFPTO2018)**,** Chiang Mai University, Chiang Mai, Thailand, July 16-18, 2018.

2018-19 :

International Journal:

1. K.Gouru Naidu, K.Venkata Krishna and K.Koteswara Rao, "**Red Mud & Grapheme Oxide Blend as an Effective Coagulant and Adsorbent For the Treatment of Waste Water From Various Industries**", International Journal of Mechanical Engineering & Technology (IJMET), Vol. 10, Issue 3, PP.484-493,March 2019. (Indexed in: Scopus) (ISSN 0976-6359. Impact Factor: 3.46)
2. P.Geetha, E.Sai Ram, N.Anasuya, P.Sarita."**Facile Synthesis of 45rapheme based ZnO Nanocomposite**", Journal of Nanoscience and Technology, Vol.4, Issue 5, PP.508-510, October 2018(UGC approved Journal).
3. M. Laxmi Prasad, **A review on the development of Austempered Ductile Iron for Wear Resistant Applications**, International Journal for Research & Development In Technology, Vol 10, Issue 6 (Dec 2018) pp. 29 -33.
4. Koteswararao Kola ,D.Tejeswararao and Nagamani Naidu Bonnada, " **Nano Bismuth Molybdate for Photocatalytic Synthesis of Imidazo [1,2-A] Pyridines using 2-Aminopyridines and Phenyl Bromide in Aqueous Conditions**" International Journal of Mechanical Engineering & Technology (IJMET), Vol. 9, Issue 11, November 2018. (Indexed in: Scopus) (ISSN 0976-6359. Impact Factor: 3.46)
5. M.V.Subba Rao, **A Brief Review on Usage of Nano Metal Oxide Adsorbents in Wastewater Treatment**, International Journal of Research and Scientific Innovation (IJRSI) | Volume 5, Issue 11, November 2018 | ISSN 2321–2705
6. M.Eswara Rao, **Evolution of Campus Novel in India**, Language in India, Vol. 18:7,July 2018 (ISSN 1930-2940)
7. Dasu Naidu,K., Aditya,Y. and Reddy, D.R.K," **Cosmic Strings in a Five Dimensional Spherically Symmetric Background in *f (R,T)* Gravity**" Astrophys Space Sci, Vol.7, Issue 363, June 2018. (Indexed in: SCIE)
8. D.R.K.Reddy, M.V.Subba Rao and R.L.Nadu ,**Modified Holographic Ricci Dark Energy Model in a Lyra Manifold &Bianchi Type-V Spacetime**, Prespacetime Journal Vol.9,Issue 4,PP.313-325, April 2018,(ISSN:2153-8301)
9. R.L.Naidu, **Bianchi type-II Modified Holographic Ricci Dark Energy Cosmological Model in the Presence of Massive Scalar Field**, Canadian Journal of Physics, Vol. 97,Issue 3, PP. 330-336, February 2019, (Indexed in: SCIE and Scopus), Impact Factor:0.724) (ISSN No.: 0008-4204 (online)
10. B. Nagamani Naidu, K.Koteswara Rao, M.P.S. Murali Krishna, "**Semi Sol-Gel Synthesis and Red Luminescence Studies of Eu3+ Activated Double Perovskite Phosphors Bi2−xEuxMoO6 (x=0.0 - 0.24)**" , Optik ,Vol. 182, pp. 565-570, March 2019, (ISSN No.:0030-4026) (online) (Indexed in :SCIE)
11. Dhilleswararao,V., Subbarao, M.V., Srinivas, M.P.S., "**Removal of Manganese(II) from Aqueous Solution by Chemically Activated Thuja Occidentalis Leaves Carbon (CATLC) as an Adsorbent: Adsorption Equilibrium and Kinetic Studies**", Phys. Chem.

Res., Vol. 7, No. 1, pp. 11-26, March 2019, (ISSN No.:2345-2625 (online).(Indexed in: ESCI and Scopus)

12. Venkata Rao, T., "**A Review On Awareness of Smart Learning Resources for the Improvement of Students in Mechanical Engineering"**, International Journal of Mechanical Engineering and Technology (IJMET), Vol. 10, Issue 01, pp. 242–247, January 2019, (ISSN Print: 0976-6340 , Online: 0976-6359) (Indexed in Scopus).
13. Venkata Rao, T., "**Scope and Importance of ASME Journals in Mechanical Engineering Research – A Survey through GMRIT Library Resources**", International Journal of Mechanical Engineering and Technology (IJMET), Vol 10, Issue 01, pp. 594-599, January 2019, (ISSN Print: 0976-6340, Online: 0976-6359) (Indexed in Scopus)
14. Badr Alqahtani, Andreea Fulga, Erdal Karapınar and P. Sumai Kumari, "**Sehgal Type Contractions on Dislocated Spaces**", Mathematics, Vol. No. 7, Issue 2, pp. 1-16, February 2019. (Indexed in: SCIE and Scopus) (ISSN No.: 2227-7390 (online))
15. P. Sumai Kumari, Asifa Tassaddiq and Ravi P Agarwal, "**A New Approach to the Solution of Non-Linear Integral Equations via VariousF_{Be}-Contractions**", Symmetry, Vol. No. 11, Issue 206, pp. 1-21, February 2019. (Indexed in: SCIE and Scopus), Impact Factor:1.256) (ISSN No.: 2073-8994 (online)
16. P. Sumati Kumari, *C.* Boateng Ampadu, Jamnian Nantadilok, "**On New Fixed Point Results in E_{b}-Metric Spaces**", Symmetry, Vol. No. 16, Issue No. 04, pp. 267-278, December 2018. (Indexed in: ESCI and Scopus) (ISSN No.: 1686-0209 (online))
17. J Nantadilok, P Sumati Kumariand B Nantadilok "**Best Proximity Point Theorems for Suzuki Type Proximal Contractive multimaps**",Thai Journal of Mathematics, Vol. 16, Issue 04, pp. 236-253, December 2018. (Indexed in:ESCI, Scopus) (ISSN No.: 1686-0209 (online)).
18. P. Sumati Kumari, Badriah A. S. Alamri, Nawab Hussainand Sumit Chandok, "**Unification of the Fixed Point in Integral Type Metric Spaces**", Symmetry, Vol. 10, Issue 12, pp. 1-21, December 2018. (Impact Factor: 1.256) (Indexed in: SCI-Expanded) (ISSN No.: 2073-8994 (online)).
19. P. Sumati Kumari, Obaid Alqahtani and Erdal Karapinar, "**Some Fixed-Point Theorems in *b*-Dislocated Metric Space and Applications**", Symmetry, Vol. 10, Issue 12, pp. 1-24, December 2018. (Impact Factor: 1.256) (Indexed in: SCI-Expanded) (ISSN No.: 2073-8994 (online)).
20. D. Tejeswararao and Koteswararao Kola, "**Nano SiO2 Catalyzed Synthesis of Imidazo[1,2-a] Pyridine**" Annales de Chimie - Science des Matériaux – n°, Vol. 4, pp. 533-539, 2018. (Indexed in: Scopus) (ISSN 0151-9107. Impact Factor: 0.6.)
21. K. Koteswara Rao , "**Reactively Sputtered I nVO 4 Thin Films : Effect of Non - Stoichiometric Composition on Photocatalytic Activity**", International Journal for Research in Applied Science & Engineering Technology, Vol. 6, Issue 10, pp. 643-649, October 2018. (SJ Impact Factor: 6.887) (UGC Approved Journal) (ISSN No: 2321- 9653 (online).
22. Y. Adityaa , R.L. Naidu and D.R.K. Reddy, "**Non-vacuum plane symmetric universe in f (R) gravity"**, Results in Physics, Vol. 12, pp. 339–343, January 2019 (ISSN No: 2211-3797 (Indexed in: SCIE and Scopus).
23. M.P.Srinivasa Rao and Vivek Singh, "**Dispersion and Nonlinear Properties of Elliptical Air Hole Photonic Crystal Fiber**", Current Optics and Photonics,Vol. 2, Issue 6, pp. 525-531, December 2018. (Indexed in: SCIE and SCOPUS)

24. C.V.Seshaiah and D.Indhumathy "**A Bimodal Weibull Distribution -Capacity Factor for Different Heights at Sulur**", Wind and Structures, Vol. 28, Issue 1, pp. 63-70, January 2019. Impact Factor (RJIF): 1.247 (Indexed in: SCIE and Scopus)
25. G.Thirumala Rao, R.V.S.S.N. Ravikumar, N. Bakthavatchala Reddy and Grigory V. Zyryanov, "**Hydrothermal Synthesis of ZnO Nanopowder and its Photocatalytic Performance under UV and Visible Light Irradiation**", AIP Conference Proceedings 2063, pp. 040 – 044, January2019. (Indexed in Scopus and Web of Science)
26. G. Thirumala Rao, R.V.S.S.N.Ravikumar, N.Bakthavatchala Reddy and Grigory V. Zyryanov, "**Synthesis of Co^{2+} Doped ZnO-CdS Composite Nanopowder and its Enhanced Photocatalytic Performance under Visible Light Irradiation**", AIP Conference Proceedings 2063, pp. 040-045, January 2019. (Indexed in: Scopus and Web of Science)
27. P.Sumati Kumari, Jamnian Nantadilok and Muhammad Sarwar, "**Some Generalizations of Weak Cyclic Compatible Contractions"**, Thai Journal of Mathematics, Vol. 17, Special Issue-AMM:2018, pp. 75-89, December 2018. (Indexed in: Scopus and Web of Science)
28. K. Ravi Babu, Ch.Srinivasa Rao and Ch.Raghuvendra Naidu, "**Applications to Integral Equations with Coupled Fixed Point Theorems in Ab-metric Space"**, Thai Journal of Mathematics, Vol. 16, Special Issue-ACFPTO:2018, pp. 89-108, December 2018. (Indexed in: Scopus and Web of Science)
29. K.Meenambika, C.V.Seshaiah and N.Sivamani. "**Skew normal operators acting on a Hilbert space**", Journal of Physics: Conference Series. International Conference on Applied and Computational Mathematics, Vol. 1139, Issue No.012056, pp. 1-8, December 2018. (Indexed in: Scopus)
30. Erdal Karapinar,P. Sumati Kumari and Durdana Lateef **"A New Approach to the Solution of the Fredholm Integral Equation via a Fixed Point on Extended*b*-Metric Spaces**, Symmetry, Vol. No. 10, Issue No. 10, pp 1-13, Month October 2018. (Impact Factor: 1.256) (Indexed in: SCI-Expanded) (ISSN No.: ISSN 2073-8994 (online).
31. D. Tejeswararao, "**Dihydropyridines: Recyclable and Reusable Ionic Liquid Catalyzed Synthesis of Dihydropyridines**", Modelling, Measurement and Control C, Vol.79, Issue 2, pp.56-59, June 2018. (Indexed in: Scopus)
32. V.Srinivasa Kumar, Kumara Swamy and K. Sujatha, "**Fixed Point Theorems through Contractive Mappings"** , International Journal of Mathematical Archive**,** Vol. 9, Issue 8**,** pp. 19-26, September 2018. (ISSN No.: 2229 – 5046).
33. Dasu Naidu, D.R.K. Reddy, and Y. Aditya, "**Dynamics of Axially Symmetric Anisotropic Modified Holographic Ricci Dark Energy Model in Brans-Dicke Theory of Gravitation**", European Physical Journal Plus (EPJ Plus), Vol. 133, pp 303 (1-10), August 2018. (Impact Factor: 2.240) (Indexed in: SCI)
34. Arslan Hojat Ansari, Hassen Aydi,, P. Sumati Kumari and Isa Yildirim **"New Fixed Point Results via C-class Functions in b-Rectangular Metric Spaces"**, Communications in Mathematics and Applications, Vol. 9, Issue 2, pp. 119-126, July 2018. (Impact Factor: NA) (Indexed in: ESCI)
35. K. Ravibabu, Ch. Srinivasa Rao and Ch. Raghavendra Naidu, "**Coupled Fixed and Coincidence Point Theorems for Generalized Contractions in Metric Spaces with a Partial Order"**, Italian Journal of Pure and Applied Mathematics, Vol.29, pp. 434-450, April 2018. (SCOPUS Indexed)

2017-18 :

2017-18 :
National Conference:
----------NIL----------
2017-18 :
National Journal:
----------NIL----------
2017-18 :
International Conference:

1. T.Venkata Rao and K.Somasekhara Rao, "**Awareness, Knowledge, Use of OPAC in Engineering College Libraries affiliated to JNTUK Kakinada: A Survey",** Libraries Beyond Borders: Innovative Trends, Issues and Challenges in Knowledge Dissemination, Organized by Dept. of Library Services, Christian Medical College, Vellore during 18th & 19th August 2017.

2017-18 :
International Journals:

1. M.P.Srinivasa Rao and Vivek Singh, "**Impact of Eccentricity of Air Hole on Bending Loss in Photonic Crystal Fibers**", International Journal of Microwave and Optical Technology, Vol. 13, Issue 2, pp. 175-180, March 2018. (Scopus Indexed)
2. M.P.Srinivasa Rao, "**Infiltration Materials for Photonic Crystal Fibers: A Review**", International Journal of Mechanical Engineering and Technology, Vol. 9, Issue 2, pp. 570–579, February 2018. (Scopus Indexed)
3. K. Kumaraswamy and A.Manickam, "**A Common Fixed Point for Two Self-Maps on G-metric Space**", International Journal of Advancement in Engineering Technology Management & Applied Sciences, Vol. 5, Issue 2, pp. 74-79, March 2018.
4. P Vamsi Sagar, "**Construction of Sheaves of Algebras via Tolerances**", International Journal of Mathematical Archive, Vol.9, Issue 3, pp. 142-147, March 2018.
5. M. Karthik, S. Sai Praneeth Tej, I. Joy Madhuri and K. Koteswara Rao, "**A Study on the Solar Hydrogen Production by different Hetero Structured Photocatalysts: A State of the-Art Review**", International Journal of Research in Science & Engineering, Special Issue, pp. 223-227, March 2018.
6. K.Sudha Rani, B.Srinivas, K.Gouru Naidu and K.V.Ramesh, **"Removal of Copper by Adsorption on Treated Laterite",** Materials Today, Vol. 5, pp. 463-469, February 2018.
7. D.Tejeswararao, **"Recyclable and Reusable Catalyzed Synthesis of Imidazo [1, 2-A] Pyridines",** International Journal of Mechanical Engineering and Technology, Vol. 9, Issue 2, pp. 367-372, February 2018. (SCOPUS Indexed)
8. D.Tejeswararao, **"Recyclable and Reusable Ionic Liquid Catalyzed Synthesis of Dihydropyridines",** International Journal of Mechanical Engineering and Technology, Vol. 9, Issue 2, pp. 360-366, February 2018. (SCOPUS Indexed)
9. B. Babu, A.K.Kadam, G.Thirumalarao, J.shim**, "Enhancement of Visible-Light-Driven Photo-Response of Mn-Doped SnO_2 Quantum Dots obtained by Rapid and Energy Efficient Synthesis",** Journal of Luminescence, Vol. 195, pp. 283-289, December 2017. (Impact Factor: 2.686)(SCI Indexed)
10. G. Thirumalarao, B.Babu, RVSSN Ravikumar, J Shim, Ch.V.Reddy**, "Structural and Optical Properties of Fe-Doped SnO_2 Quantum Dots"**, Materials Research Express, Vol. 4, pp. 125021-125029, December 2017. (Impact Factor:1.068)(SCI Indexed)

11. T.Venkatarao, **"Utilization of e - Resources in Mechanical Engineering Departmental Libraries"**, International Journal of Mechanical Engineeringand Technology, Vol. 8,Issue 8, pp. 1-8, October 2017. (SCOPUS Indexed)
12. Venkatarao T, **"Review on E-resources in Civil Engineering Departmental Libraries",** International Journal of Mechanical Engineering and Technology, Vol. 8, Issue 7, pp. 1118-1121, July 2017
13. M.Laxmiprasad**, "A Review on the Development of Ferritic – Martensitic Steels for Thermal and Nuclear Power Plants"**, International Journal for Research & Development in Technology, Vol. 8, Issue 6, pp. 2349-2355. Dec 2017.
14. A. Manickam, **"A Mathematical Model for Regulation of Fuel Metabolism during Exercise in Hypopituitarism with Growth Hormone Deficiency",** International Journal of Applied Engineering Research, Vol. 12, Issue 21, pp 11330-11335, August 2017.
15. K. Dasunaidu, A. Manickam, **"A Bivariate Exponential Distribution Model for Growth Hormone Response to Repeated Maximal Cycle Ergometer Exercise at Different Pedaling Rates"**, Int. Journal of Engineering Research and Application, Volume 7, Issue11, pp. 28-33, November 2017.
16. D. Tejeswararao, **"Microwave Assisted - Solvent Free Synthesis of Imidazo[1,2 - a] Pyridines"**, Der Pharma Chem ,Vol. 9, Issue11, pp 35-38, November 2017.
17. K. Koteswara Rao, D. Tejeswara Rao, B. Nagamani Naidu**, "Nano flakes of NaMgBi0.85Eu0.15WO6 as catalyst forsimple and efficient green synthesis of Dihydropyridines",** International Journal of Applied Mathematics and Statistics International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol.5, Issue 6, pp 73-78, November 2017.
18. R. Nagaraja, V. Pushpa Manjari, G. Thirumala Rao, B. Sailaja, R.V.S.S.N. Ravikumar**, "Spectroscopic Studies on Dy3+ Ions Doped NaCaAlPO4F3 Phosphor for Luminescent Applications",** International Journal of Science and Research (IJSR), Vol.6, Issue 11, pp , November 2017.
19. V.Appalanaidu and A.Manickam, **"A Mathematical Model for Suppression of Growth Hormone -Dependent Isoforms of Cytochrome P450 in Female Rats by the Somatostain Analog Octreotide",** IOSR Journal of Mathematics (IOSR-JM), Vol. 13, Issue 4, pp. 1-4, August 2017.
20. R.Srinivasa Rao, V.S.S.R.Gupta, Y.Nitesh and G.Venkata Rao, "**Review on Passenger Car Unit Studies in Homogeneous and Heterogeneous Traffic Flow - A Perspective"**, International Journal of Civil Engineering & Technology (IJCIET), Vol. 8, Issue 8, pp. 1279 - 1289, August 2017.
21. V.Dhilleswara Rao, M.V.Subba Rao and M.P.S.Murali Krishna, "**Removal of Chromium (VI) from Aqueous Solutions using Chemically Activated Syzygium Cumini Leaves Carbon Powder as an Adsorbent"**, IOSR Journal of Applied Chemistry ,Vol. 10, Issue 8, pp 20-27, August. 2017.
22. M.V.Subbarao, "**Review on removal of fluoride from water by some bio adsorbents",** International Research Journal of Environmental Sciences, Vol. 6**,** Issue 8, pp 60-65, August 2017.
23. A. Manickam**, "A Mathematical Extended reliability Growth Model for the Measurement of GH, Insulin-like Growth Factor-1 and the Aging Cardiovascular System",** International Journal of Applied Mathematics and Statistics, Vol. 56, Issue 6, pp. 73-78, August 2017.

24. B.Lakshmana Rao and Ch.Srinivasa Rao, **"Depicting nina as a post modern protaganist in manju kapur's the Immigrant",** An International Multidisciplinary Research e-Journal,Vol. 3, pp. 673-676, 2017.
25. Ch.Srinivasa Rao and B.Lakshmana Rao, **"Quest for identity in manju kapur's difficult daughters"**, An International Multidisciplinary Research e-Journal, Vol. 3, pp. 660-663,2017.
26. S.P.Sehara Rao, **"R K Narayan-The Sooth Sayer"**, Research Journal of English language and Literature(RJELAL), K. V. Publications, Vol.5, number 2, pp.717-720, 2017.
27. G. Thirumalarao, D. Govinda and N. Santhosh Kumar, "**Synthesis**, **Structural and Morphological Studies of CdS Nano Powder",** International Journal of Chemical Sciences, Vol. 14, Issue 1, pp. 101, March 2017. (Submitted in April 2017)
28. S. Harikrishna Rao, "**A Systematic Analysis of Noun and Number of English for ESL Comprehensive",** Journal of English Language and Literatures, Vol. 5, Issue1, March 2017. (Submitted in April 2017)
29. M.P. Srinivasa Rao and P. Easwaraji, "**Dispersion Properties of Photonic Crystal Fiber with Four Cusped Hypocycloidal Air Holes in Cladding",** Journal of Electronics and Communication Engineering, Vol. 12, Issue 1, February 2017. (Submitted in April 2017)

2016-17 :

National Conferences:

1. R.L.Naidu, D.R.K.Reddy, **"Generalised Ghost Pilgrim Dark Energy Cosmological Model in Saez-Ballester Scalar Tensor Theory of Gravitation",** National Conference on Recent Advances in Mathematical Sciences, Organised by Department of Mathematics, SGB Amravati University, Amravati, June 2016. (Submitted in August 2016)
2. G. Thirumala Rao, "**Structural, optical and photocatalytic studies of CdS nanopowder**", CMPA-2016, Department of Physics, MIT Manipal, 23rd and 24th May, 2016**.**

2016-17 :

National Journals:

---------NIL---------

2016-17 :

InterNational Conference:

1. P.Geetha and D. Krishna Rao, "**Synthesis and structural Properties of Lanthanum Doped Lead Zirconate Titanate Ferroelctrics",** International conference on Electronics, Mechanical and Mechantronics, ICEMEM-Bangalore, May-2016. (Submitted in August 2016)
2. M.Srikanth and P.Easwaraji , **" Investigation on Lattice Parameters and Dielectric Properties of Li-Ti Modified Pb –K- Nb Ceremic Material"** International conference on Electronics, Mechanical and Mechantronics, ICEMEM-Bangalore, May-2016. (Submitted in August 2016)

3. V.Dhilleswara Rao and M.V.Subba Rao, **"Ground Water Quality Assessment by using Water Quality Index(WQI) Method in the Villages of Gara Mandal in SrikakulamDistrict, Andhra Pradesh, India",** International Conference on Recent Research Development in Science, Engineering and Management (ICRRDSEM-16), Mahratta Chamber of Commerce Industries & Agriculture, Pune, May 2016. (Submitted in August 2016)
4. D.Govinda, G.Thirumalarao, M.P.Srinivasarao, D.M.Potukuchi **"Synthesis and characterization of Zno nano powder for Spintronic Applications"** International conference on Nano Science & Technology for Energy Applications(EApp-2016), Sathyabama University, Chennai, June 2016. (Submitted in August 2016)
5. G. Thirumala Rao, M. Lakshmiprasad, R.V.S.S.N. Ravi Kumar, **"Synthesis of Co2+ Doped ZnO-CdS Composite Nano-powder as an Advanced Photocatalytic Material",** International Conference on Nanoscience and Nanotechnology for Energy Applications (EApp-2016), Sathyabhama University, Chennai, June-2016. (Submitted in August 2016)
6. K.Koteswara Rao, "**Semi Sol-Gel Preparation and Luminescence Studies of A Double Perovskite Type Red Phosphor Series Nambi$_{0.88}$Eu$_{0.12}$WO$_6$ (M=Mg, Ca, Sr, Ba)",** International Conference on Materials Science & Technology (ICMST-2016), Organized by St. Thomas College, Pala, Kottayam, Kerala, June 2016.
7. B. Nagamani Naidu, "**Sol-Gel Synthesis and Luminescence Studies of a Double Perovskite Type Red Phosphor Series Namgbi1-Xeuxwo6 (X=0-0.2)",** International Conference on Materials Science & Technology (ICMST-2016), Organized by St. Thomas College, Pala, Kottayam, Kerala, June 2016.
8. D. Tejeswararao, "**Metal Nano-Particles in 'On-Water' Organic Synthesis: One Pot Nano CuO Catalysed Synthesis of 2-Amino Thiazole)",** International Conference on Materials Science & Technology (ICMST-2016), Organized by St. Thomas College, Pala, Kottayam, Kerala, June 2016.
9. P.Geetha and D. Krishna Rao, "**Synthesis and structural Properties of Lanthanum Doped Lead Zirconate Titanate Ferroelectrics**", International conference on Electronics, Mechanical and Mechantronics, ICEMEM-Bangalore, May 2016.
10. M.Srikanth and P.Easwaraji , **" Investigation on Lattice Parameters and Dielectric Properties of Li-Ti Modified PbKNb Ceremic material**", International conference on Electronics, Mechanical and Mechantronics, ICEMEM-Bangalore, May 2016.

2016-17 :

International Journals:

1. K.Sudha Rani, K.Ashok Kumar, K.Gouru Naidu and K.V.Ramesh, "**Removal of Phosphate Ions from Water by Using Paper Pulp as an Adsorbent**", Poll. Res, Vol. 35, Issue 4, pp. 97 to 103, 2016. (SCOPUS indexed) (Submitted in April 2017)
2. S.Harikrishna Rao, "**A Systematic Analysis of Noun and Number of English for Esl Comprehension**", Research Journal of English Language and Literature (RJELAL), A Peer Reviewed (Refereed) International Journal, Vol.5, Issue 1, 2017 March 2017. (Indexed Thomson Reuters) (Submitted in April 2017)

3. D.Tejeswara Rao, K.Koteswara Rao and B.Nagamani Naidu, "**Silica@PMA Core-Shell Structure as Recyclable Catalyst for the Synthesis of Quinolines",** Der Pharma Chemica, Vol. 8, Issue 17, pp. 181-185, 26 October 2016.(Impact Factor 0.6, Scopus)(ISSN 0975-413X)
4. A. Ganapathi Rao, "**Characters for the Permutation Group of Degree n using Specht Module and Semi Standard Young Tableaux",** International Journal of Computer Applications, Vol. 147, Issue 1, pp 7-11, August 2016.
5. M.Eswararao, "**The Recent Indian Campus Novels reflect Modern Student Habits on campus**", An International journal of Education and Humanities, Vol.1, pp: 239-242, 2016.
6. M.Eswara Rao, "**The Popular Campus Vocabulary and Language: A Focus on Contemporary Indian Campus Novels**", The Criterion, An international Journal of English Vol.No.7, Issue 3, pp 21-25, 2016.
7. M. Srikanth, P. Easwaraji, "**A study of electrical and magnetic properties of Cu substituted Ni-Zn Ferrites**", IOSR Journal of Applied Physics (IOSR-JAP)Vol. 8, Issue 4, Ver. I, p 34 -39, Jul. – Aug, 2016.
8. S.P.Sekhara Rao, "**Critical assessment of future education in India as foreseen by R.K.Narayan in his novel the English Teacher**", International Journal of English Language Literature & Humanities, Vol. 4, Issue: 7, July 2016.
9. D.Tejeswara Rao, "**Recyclable Acidic Brønsted Ionic Liquid Catalyzed Synthesis Of Quinoxaline**", (accepted in Indian Institute of Chemical Technolgy, Fine Chemical Laboratory , Tarnaka, Hyderabad, India) International journal Chil. Chem. Soc., Vol. 61, No. 1, July 2016.
10. M.Lakshmi Prasad, "**Effect of Laves phase on the creep rupture properties of P92 steel**", International Journal of Materials Science & Engineering, Vol. 668, pp. 215–223, 21 June 2016,. (Indexed in SCI, Impact factor: 2.6)

2015-16 :

2015-16

National Conference:

1) B. Nagamani Naidu, "**Semi sol-gel preparation and luminescence studies of a double perovskite type red phosphor series $NaCaBi_{1-x}Eu_xMoO_6$ (x=0-0.2)",** page no.65 of Proceedings, A National Conference on Luminescence and its Applications (**NCLA-2016**), Oragnized by RTM Nagpur University, Nagpur, 18th to 20th February 2016.
2) K.Koteswararao, "**Sol-gel Synthesis and luminescence studies of a double perovskite type red phosphor series $NaMBi_{1-x}Eu_xMoO_6$ (M=Mg,Ca,Sr,Ba)**", page no.62 of Proceedings, A National Conference on Luminescence and its Applications (**NCLA-2016**), Oragnized by RTM Nagpur University, Nagpur, 18th to 20th February 2016.

2015-16

National Journal:

1. R.Suryanarayana and Ch.Gopala Rao, "**n -Point boundary value problems- Existence and Uniqueness**", Indian Journal of Mathematics, Vol. 57, Issue 3, pp. 345-362, December 2015.

2. K.Gouru Naidu**, "Etiology and epidemiology of chronic kidney disease in Uddanam region of Srikakulam District, A.P",** A.U Journal of Engineering, Vol. 1, pp. 27-41, Jan 2015.
3. Ch.V.Kameswararao, K Rama Krishna, R. Sambasiva Rao, **"ChemoInformatics Part I: Molecular Descriptors in Omnimetrics Research",** Journal of Applicable Chemistry, Vol. 4, Issue 4, pp: 1024-1144, July 2015.

2015-16

International Conference:

1. M.P.Srinivasa Rao and D.Govinda, "**Synthesis and characterization of ZnO nanopowder for spintronic applications**", International Conference on Nanoscience and Nanotechnology for Energy Application (EApp-2016), at Satya Bhama University, Chennai, accepted on 30th March 2016.
2. M.Lakshmi Prasad and G.Thirumala Rao, "**Synthesis of Co2+ doped ZnO-CdS composite nanopowder as an advanced photocatalytic material**", International Conference on Nanoscience and Nanotechnology for Energy Application (EApp-2016), at Satya Bhama University, Chennai, accepted on 25th March 2016.
3. P.Easwaraji, "I**nvestigation on Lattice Parameters and Dielectric Properties of Li-Ti Modified Pbknb Ceremic Material**", International Conferences on Electronics, Mechanical and Mechatronics (ICEMEM-16), May 2016. (accepted during Feb 2016).
4. M.Srikanth , "I**nvestigation on Lattice Parameters and Dielectric Properties of Li-Ti Modified Pbknb Ceremic Material**", International Conferences on Electronics, Mechanical and Mechatronics (ICEMEM-16), May 2016. (accepted during Feb 2016).
5. Ch.Srinivasa Rao, "**Communication Skills for Academic Excellence And Career Development**", English Language Teaching: an Implication in 21st Century, Siddhartha Academy of General and Technical Education, Vijayawada, A.P, on 30th March, 2016.
6. B.Lakshmana Rao, "**Technical English: A Useful tool in the global scenario**", English Language Teaching: an Implication in 21st Century, Siddhartha Academy of General and Technical Education, Vijayawada, A.P, on 30th March, 2016.
7. B.Satyanarayana, "**Anisotropic Bianchi type-I cosmological model in Modified theory of Gravitation**", International Conference on Innovative Research in Engineering, Science and Management (ESM-16), Organized by Academic Science and Conference Info, India Habitat Centre, New Delhi, India, 28th Feb 2016 .
8. R.Suryanarayana, "**Boundary Value Problems associated with first order rectangular mattresses – existence and uniqueness**", International Conference on Mathematical sciences, S.V.University, Tirupati, 13th -15th July, 2015.
9. K.Syamala, "**A Poetic tribute to Gandhi: Reflections of Pre independence Indian Women poets in comparative perspective**", International Conference on Comparative Literature & culture, Organized by Higher Education & research Society, at VNGIASS, Nagpur, Navi Mumbai, India on 11th & 12th September 2015.
10. V.Dhilleswararao, "**Removal efficiency of hardness from underground water by using leaves powder of Phyllunthus emblica as adsorbent**", 3rd Annual International Conference & Industry-CCRS Congress (ICC) 2015, Jointly organized at Dr.B.R.Ambedkar University and Coastal Chemical Research Society, 16th & 17th December 2015.

11. G.Thirumala Rao, "**Applications of Transition metal ions doped PVA-Capped CdSe nano polymers**", Paper published in International Conference, ICSEMF-2015, ISBN 978-1-329-77555-8, 2015.
12. K.Syamala, "**A Poetic tribute to Gandhi: Reflections of Pre independence Indian Women poets in comparative perspective**", International Conference on Comparative Literature & Culture, organized by Higher Education & research Society, Navi Mumbai at VNGIASS, Nagpur, India during 11th & 12th September 2015.
13. R.Suryanarayan, "**Boundary Value Problems Associated with First Order Rectangular Mattresses – Existence and Uniqueness**", S.V. University, Tirupati, July 2015.

2015-16

International Journal:

1. R.Suryanarayana and Ch.Gopala Rao, "**Three-Point Boundary Value Problems On Fuzzy Differential Equations- Existence and Uniqueness**", International Journal of Scientific & Engineering Research, Vol.6, Issue 9, pp. 612-620, September 2015.
2. R.Suryanarayana, "**Boundary Value Problems Associated with First Order Rectangular Matrices - Existence and Uniqueness**", International Journal of Scientific and Innovative Mathematical Research, Vol. 3, Issue 1, pp. 308 - 312, July 2015.
3. P.Vamsi Sagar "**Central Min-Max Theorems in Graph Theory and Graph Theoretic Consequences of the Max-Flow Min-Cut Theorem in Combinatorial Optimization",** International Journal of Trend in Research and Development, Vol. 3, Issue 2, April 2016.
4. K.Dasunaidu, "**Kantowski -Sachs bulk viscous string cosmological model in a self – creation theory of gravitation**", International Journal in Astrophy Space Sci, (2015) 358:23, Springer, DOI 10.1007/s10509-015-2421-5, 27th June 2015.
5. B.Satyanrayana, "**On axially symmentric cosmological model with strange quark matter attached to string cloud in general relativity**", International Journal of Physics and Mathematical Sciences, Vol.5, Issue 2, pp 40-45, April-June 2015.
6. Ch.V.Kameswararao, K RamaKrishna and R. Sambasiva Rao, "**Computational Quantum Chemistry (CQC) Part 1: Evolution of a computational tool into an instrumental probe",** Journal of Applicable Chemistry, An international Peer Reviewed Journal, Vol. 4, Issue 3, pp: 637-800, May 2015.
7. Ch.V.Kameswararao, K RamaKrishna and R. Sambasiva Rao, "**ChemoInformatics Part I: Molecular Descriptors in Omnimetrics Research**", **",** Journal of Applicable Chemistry, An international Peer Reviewed Journal, Vol. 4, Issue 4, pp: 1024-1144, July 2015.
8. N.Santosh Kumar, M.V.Subbarao, M.P.S.Murali Krishna, "**Study of Some Physical & Chemical Characteristic Properties of Ground Water in the Villages of Veeraghattam and Palakonda Mandals in Srikakulam District, A.P, India**", Current world Environment, an International Journal, Vol. 10, Issue 2, pp. 610-618, 2015.
9. M. P. K. Kishore, R. V. G. Ravi Kumar, and P. Vamsi Sagar, "**Construction of Sheaves by Tolerance Relations",** Asian-European Journal of Mathematics (AEJM), DOI: 10.1142/S1793557116500352.

10. D.Tejeswararao, "**Synthesis of novel pyrrolobenzodiazepine-quinoxaline hybrid molecule**", International Journal in Der Pharma Chem, Vol. 7, Issue 8, pp. 202-205, 2015.
11. T.Ramprasad and R.L.Naidu, "**Kantowski -Sachs bulk viscous string cosmological model in scale co-varient theory of gravitation**", International Journal on Astro-Physics and Space Science, Vol. 359, Page.3, Sept 2015.
12. K.Dasunaidu and R.L.Naidu, "**Kantowiski-Sachs cosmological model with anisotropic dark energy in scale covarient theory of gravitation**", International Journal of Astro Physics and Space Science, Vol. 359, Page.5, Sept 2015.
13. K.R.Surendran, "**Animals living in the world of Aravind Adiga's the white tiger**", International Journal in Global English – Oriented Research Journal, Vol.2, March 2016.
14. N.Santosh Kumar, M.V.Subba Rao, M.P.S.Muralikrishna, **"Study of Some Physical & Chemical Characteristic Properties of Ground Water in the Villages of Veeraghattam and Palakonda Mandals in Srikakulam District, A.P, India",** Current World Environment, Vol. 10, Issue 2, pp: 610-618, 2015.
15. T. Ramprasad, R. L. Naidu, K. V. Ramana, "**Five Dimensional FRW Bulk Viscous Cosmological Models in Brans–Dicke Theory of Gravitation, Astrophysics and Space Science",** Vol. 3, Issue 37, pp 152-160, March 2015. (Impact Factor 2.263) (SCI Indexed Journal).
16. S.Harikrishna Rao, "**The Instrumental Role of Error Analysis in Developing an Effective ESL Pedagogy: A Review**", Journal of English Language Teaching (INDIA), Vol.57, Issue 2, pages 27-37, March –May 2015.

2014-15

National Conferences:

1. T. Venkatarao, "**Emerging Trends and Techniques for Electronic Resource Management in Libraries: Issue and challenges'',** Organized by Biju Patnaik Central Library, NIT, Rourkela during 13th and 14th February, 2015
2. D.Srinivasa Kumar, "**What role does MSME's play in Economic Development of India",** National Conference on "Emerging Challenges in Finance" held at Aditya Institute of Technology and Management, Tekkali during on 29th to 31st March 2015.
3. K.V.S. Prasad, "**Micro Finance in India : An Analysis of SHG-Bank Linkage Programme"**, National Conference on "Emerging Challenges in Finance" held at Aditya Institute of Technology and Management, Tekkali during on 29th to 31st March 2015.
4. D.Tejeswara Rao, "**An efficient and convenient protocol for the synthesis of amino thiazole derivatives via cyclization-oxidation processes using copper bromide as catalyst**", UGC –sponsored 2nd Annual International Conference (AIC-2) & Industry-CCRS Congress (ICC) 2014, Platinum Jubilee Hall, Andhra University, Visakhapatnam, 13th & 14th of December, 2014.
5. K.V.S Prasad, "**Developments in Indian Banking Sector with reference to E-Banking Services**", International Conference on Business Paradigms in Emerging Markets, School of Management, NIT, Rourkela, 12th & 13th December, 2014.
6. K. V. S. Prasad and D. Srinivasa Kumar, "**Role of SEBI in Investor Protection: An Overview**", UGC Sponsored National Seminar on Indian Capital Market: Role of SEBI in Investors' Protection, organized by Department of Commerce, Govt. Degree College, Rajampeta, Y.S.R.District, Andhra Pradesh, 5th & 6th Sept, 2014.

7. V.A.Naidu, G.V.S.R.Deekshitulu, "**Approximate Solutions to Differential Equations using Bernstein Polynomial Basis**", National conference on Emerging Trends in Mathematical Sciences and Engineering Applications at JNTUK, Kakinada, 23rd and 24th May, 2014.
8. Ch.Gopalarao, R.Suryanarayana, "**N-Point Boundary Value Problems- Existence and Uniqueness**", National conference on Emerging Trends in Mathematical Sciences and Engineering Applications at JNTUK, Kakinada, 23rd and 24th May, 2014.

National Journals:

1. M. Eswara Rao, "**Some Epic Characters Represented in the Thousand Faces of Night**", Writing India ANEW (An Anthology): Contemporary Indian Women Novelists: anthology (Book), Maruthi Publications, Guntur, August 2014.

International Conferences:

1. B.Satyanarayana, "**Field of charged mass point in a scalar-tensor theory of gravitation**", International Conference in ICETESMA-15 held at Jawaharlal Nehru Univeristy, JNU Convention Center and New Delhi during on 1st March, 2015.
2. K. Srinivas, "**A Complete Analysis and Dynamic Simulations of Superconducting Logic Gates**", International Conference Recent Trends in Engineering Sciences and Management (ICRTESM)-2015 held at JNU, NEW Delhi on 15th March, 2015.
3. K.Koteswara Rao**,** "**Synthesis of D2S co-doped Tio2 nano powders by a simple sol-gel method and their photocatalytic activity study**", International conference on new frontiers in Chemical, Energy and Environmental Engineering (INCEEE-2015), NIT Warangal, Telangana State, 20th - 21st March, 2015.
4. B. Nagamani Naidu presented a paper titled **"Semi Sol-Gel Preparation and Luminescence Studies of a Double Perovskite Type Red Phosphor Series NaSrBi1-xEuxMoO6(X=0.0.2)"** in 5th International Conference on Luminescence and its Applications (ICLA-2015) held on 9th to 12th February 2015 at PES Institute of Technology, Bangalore.
5. K. V. S. Prasad, "**Developments in Indian Banking Sector with reference to E-Banking Services**", International Conference on Business Paradigms in Emerging Markets, held at School of Management, NIT, Rourkela, during 12th & 13th December, 2014.
6. D. Tejeswara Rao, "**An efficient and convenient protocol for the synthesis of amino thiazole derivatives via cyclization-oxidation processes using copper bromide as catalyst**", UGC –sponsored 2nd Annual International Conference (AIC-2) & Industry-CCRS Congress (ICC) 2014 held at Platinum Jubilee Hall, Andhra University, Visakhapatnam during 13th & 14th December, 2014.
7. M. V. Subba Rao, V. Dhilleswara Rao, and N. Santosh Kumar, "**Importance of analysis of physico-chemical constituents in drinking water**", UGC –sponsored 2nd Annual International Conference (AIC-2) & Industry-CCRS Congress (ICC) 2014 held at Platinum Jubilee Hall, Andhra University, Visakhapatnam during 13th & 14th December, 2014.

8. D.Tejeswara Rao, "**An efficient and Convenient Protocol for the Synthesis of Quinoxalines via Cyclization –CuBr**", 2nd International Conference on Emerging Trends in Chemical and Pharmaceutical Sciences (ICETCPS-2014), organized by Indian Institute of Chemical Technology (CSIR- Lab), Hyderabad, India, 15th - 17th Oct, 2014.
9. S. P. Sekhara Rao, '**The theme of Man-Woman Relationship in Anita Nair's Novel Mistress'** UGC Sponsored International seminar on Gender Issues: Transcending Boundaries of Culture, organized by Department of English, Andhra University, Visakhapatnam, 19th& 20th of Sept. 2014.
10. K. Srinivas, "**Reliable Gas Sensors using ZnO Nanostructures**", International Conference on Nano Science & Engineering Applications-2014, ICONSEA-2014, JNTUH, Hyderabad, TELANGANA, 26th -28th June, 2014. (Submitted in July 2014)
11. K. Srinivas & D. Krishna Rao "**Development of Lead-Free Nanocomposite Polymer Dielectrics for High Energy Storage Applications**", International Conference on Nano Science & Engineering Applications-2014, ICONSEA-2014, JNTUH, Hyderabad, TELANGANA, 26th -28th June, 2014. (Submitted in July 2014)

International Journals:

1. K. Srinivas**, "A Complete Analysis and Dynamic Simulations of Superconducting Logic Gates",** International Journal of Advance Research In Science And Engineering, IJARSE, Vol. No.4, Special Issue (01), March 2015.
2. B.Satyanarayana, **"Field of charged mass point in a scalar-tensor theory of gravitation"** International journal of Computer & Mathematical Sciences (IJCMS), Volume 4, Special Issue, March 2015.
3. S. Harikrishna Rao, "**The Efficacy Of Contrastive Analysis in Assessing ESI Strategies of L2 System**", International Journal of Indian Scholar, Vol. 3, Issue 1, pp.232-238, 2015.
4. S.Sekhara Rao, "**The Theme of Man-Woman Relationship in Anita Nair's Mistress**", International Journal of the Criterion, Vol.4, Issue 1, pp.232-238, 2015.
5. A. Ganapathi Rao, "**Graphical Approach to Index and Retrieve Standard Young Tableaux**", International Journal of International Journal of Computer Applications, Vol. 111, Issue 10, pp.10-15, 2015.
6. P. Easwaraji, M.P.Srinivasa Rao, M. Srikanth, "**Modulus spectroscopy study on Ferroelectric Lithium and Titanium modified Lead Potassium Neobate Ceramics**", International Journal of Applied Physics, Vol.7, Issue 2, pp.16-21 , 2015.
7. P. Easwaraji, M. Srikanth, P. Geetha, "**A study of lattice parameters and dielectric properties against temperature and frequency on Ferroelectric Lithium and Titanium modified Lead Potassium Niobate Ceramics**", International Journal of Applied Physics, Vol.7, Issue 2, pp.25-32, 2015.
8. P. Geetha, P. Easwaraji and M. Srikanth, "**Structural and Dielectric Properties of Lanthanum Substituted Lead ZirconateTitanateFerroelctrics**", in International Journal of Applied Physics, Vol.7, Issue 2, pp.153-161, 2015.
9. M. Srikanth, P. Easwaraji and P. Geetha, "**A Study of Electrical and Magnetic Properties of La+3 Substituted Ni-Zn Ferrites**", International Journal of Applied Physics, Vol.7, Issue 2, pp.33-38, 2015.

10. Ch.Srinivasa Rao, "**The Three Mistakes of My Life: The Classical Discernment of the Art of Portrayal and the Youth Aspect of Entrepreneurship in the Light of Realism**", International Journal of Indian Scholar, Vol.1, Issue II, pp.126-130, February, 2015.

11. R. Suryanarayana, "**Kronecker Product Rectangular Three Point Boundary Value Problems**" International Journal of Mathematics and Scientific Computing, Vol.4, No.1, pp 33-38, 2014, February, 2105.
12. R. Suryanarayana, "**Three Point Boundary Value Problems on time scale Dynamical Systems-Existence and Uniqueness**", Bulletin of the Calcutta Mathematical Society, Vol. 106, Issue 5, pp 383-394, 2015. (In press)
13. V.Dhilleswara Rao, M.V.Subbarao & M.P.S.Murali Krishna, "**Physico Chemical Assessment and Comparision of quality of underground water for drinking purpose at periodic interval in the village of Srikakulam, Gara Mandal in Srikakulam District. Andhra Pradesh**", Current World Environment,Vol.9, Issue 3, pp 820-828, Jan 2015.
14. Mr.B.Lakshmana Rao, ''**An international Multidiciplinary Research e-Journal "The upheavals of history and their inter-relation with the physical expression to the identity crisis in the select novels of shoban bhantwal"** Vol.1 Issue-II, ISSN 2350-109X, Indian Scholar. December 2014.
15. V.S.S.R Gupta, "**Two Dimensional Modeling of Oil Bearing Geological Structures using Finite Element Method**", Acta Engineering International, Aufau Periodicals, Acta Eng Intel, Vol. 2, Issue 1, pp 30-36, December 2014.
16. V.S.S.R Gupta, "**Design and Fabrication of Manual Peeling Machine**", Acta Engineering International, Aufau Periodicals, Acta Eng Intel, Vol. 2, Issue 1, pp 19-29, December, 2014.
17. M. Eswara Rao, "**In times of Siege: A Manifestation of Campus Politics and an Ideology Battle**", Research Scholar, an International refereed e- Journal of Literary Explorations, November 2014.

18. R. Suryanarayana and Ch. Gopala Rao, "**Qualitative properties of first order linear systems on time scale dynamical systems**", Non-linear studies, Vol. 21, No. 4, pp. 619-629, December, 2014.
19. P. Vamsi Sagar, "**Translates of Vague rings and Vague ideals**", International Journal of Mathematical Sciences and Engineering Applications, Vol. 8, Issue. 5, pp.159-169, 2014
20. D. Srinivasa Kumar, "**Governing a Business Ethically is Manifested through Corporate Governance: An Exploratory Review**", International Journal of Management & Business Studies, Vol.4, Issue.3, July to Sept 2014
21. K. Srinivas, "**Possible Lead –Free Nanocomposite Polymer Dielectrics for High Energy Storage Applications**", International Journal of Advanced Engineering and Nanotechnology, Volume-1, Issue-9, August 2014. (Impact Factor: 1.410), (Indexed in: Google Scholar, SCIRUS, getCITED etc.)
22. K. Srinivas, "**Reliable Gas Sensors using ZnO Nanostructures**", International Journal of Advanced Engineering and Nanotechnology, Volume-1 Issue-9, August 2014. (Impact Factor: 1.410), (Indexed in: Google Scholar, SCIRUS, getCITED etc.)

23. M. Eswara Rao, "**Web-Resources play teacher's Role in English Class Room: A Focus on learning grammer and Vocabulary**", LangLit, Volume-1, Issue-1, August 2014.
24. Ch. Srinivasa Rao, "**Raising the roof of the metropolitan youth culture of india and some of their issues: with special reference to five point someone by Chetan Bhagat**", Research Scholar, Vol. 2, Issue III, August 2014.

25. K.Srinivas, **"Nanomaterials for Concrete Technology",** International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development Journal, Vol. 4, Issue 3, pp 79-90, June 2014. (Submitted in July 2014)
26. K. Srinivas, **"Role of Nanoparticles in PZT Ferroelectric Material Properties and their Applications in Memory Devices",** International Journal of Nanotechnology and Application, Vol. 4, Issue 3, pp 53-62, Jun 2014. (Submitted in July 2014)
27. K. Srinivas, "**Need of Nanotechnology in Education**", Science Journal of Education, 2(2): 58-64, Science Publishing Group, ISSN: 2329-0897(Online), May 2014.
28. K. Srinivas, "**Nanoparticles Influence On Dye-Sensitized Solar Cells Based on Tio2**", American Journal of Nanoscience and Nanotechnology; 2(3), 32-39, Science Publishing Group, ISSN: 2331-0693(Online), May 2014
29. K. Srinivas and D. Krishna Rao, "**Modeling and Computer Simulation of Nanostructured Devices**", American Journal of Nanoscience and Nanotechnology, 2(3): 40-44. Science Publishing Group, ISSN: 2331-0693(Online), May 2014.

2013-14

National Conferences:

1. Dr.KVS Prasad,Prof G.Sudharsanarao,"Financial Inclusion in India - Challenges and Strategies (1st Edition'2013)
2. Ch. V. Kameswara Rao "Computational Quantum Chemical (CQC) studies of isonicotinic acid hydrazide,its valence isomers and their isopropyl derivatives" in National seminar on Modern Trends in Chemical Science (MCTS-2013) at Acharya Nagarjuna University, Guntur during on 20-21st December 2013.
3. M.Eswararao, "The Popular campus vocabulary & Language" 58th All India English Teacher's conference on the theme 'New Dimenstions in English Studies' at Andhra Univerisy, Visakhapatnam held on 27-29 December 2013**.**
4. D.R.K. Reddy · R.L. Naidu · **T. Ramprasd** ·K.V. Ramana, "LRS Bianchi type-II bulk viscous cosmic string model in a scale covariant theory of gravitation" A Two Day Seminar On "Emerging Trends In Applied Mathematics "(Nsetam-2014) On 4th,5th April-2014 In Connection With The Birth Centenary Celebrations Of

Prof.S.Minakshisundaram Organised By Department Of Applied Mathematics, Andhra University ,Vskp-530003,India.

5. R.L.Naidu . **K. Dasu Naidu.** K.Sobhanbabu.D.R.K.Reddy, "A Five Dimensional Kaluza- Klein Bulk viscous String Cosmological Model in Brans-Dicke Scalar-Tensor Theory of Gravitation" A Two Day Seminar On "Emerging Trends In Applied Mathematics "(Nsetam-2014) On 4th,5th April-2014 In Connection With The Birth Centenary Celebrations Of Prof.S.Minakshisundaram Organised By Department Of Applied Mathematics, Andhra University ,Vskp-530003,India.
6. V.A.Naidu, G.V.S.R.Deekshitulu, "Approximate Solutions to Differential Equations using Bernstein Polynomial Basis", National conference on Emerging Trends in Mathematical Sciences and Engineering Applications on 23rd and 24th May, 2014 at JNTUK, Kakinada.
7. Ch.Gopalarao, R.Suryanarayana, "n-point boundary value problems- Existence and Uniqueness ", National conference on Emerging Trends in Mathematical Sciences and Engineering Applications on 23rd and 24th May, 2014 at JNTUK, Kakinada.

National Journals:

1. K. Gouri Naidu, "Fluorides in ground water of Endada Suburban area, Visakhapatnam", Global Journal of Engineering & Applied Sciences, 2013, 3(3), pp:163-165

International Conferences:

1. Dr.K.Srinivas, "**A complete analysis and dynamic simulations of superconducting quantum interference device (SQUID) logic gates",** International Conference on emerging Trends, Technology and Research, organized by Association of Computer Communication Education for National Triumph Society (ACCENTS) during 21-22 sep., 2013, at Nagpur, India.
2. D.S.B. Chowdary, presented a paper titled "English skills for Employability" in 'International Conference on Teaching English for Employability' conducted by Annammalai College of Education, Tuticorin, Tamilnadu during 21st & 22nd November 2013.

3. K. V. S. Prasad, "CRM: An Emerging Trend in Banking Sector" International conference on Research in Marketing -2013 at IIT Delhi during on 21-22nd December 2013.
4. K. V. S. Prasad, "E-Banking: An Emerging Trend in Digital Era" Eleventh AIMS International conference at IMT Ghaziabad, New Delhi during on 21-24th December 2013.
5. M. P. K. Kishore, R. V. G. Ravi Kumar and P. Vamsi Sagar, 'Construction of sheaves by tolerance relations' International Conference on Recent Advances in Mathematical Sciences and Applications (RAMSA-13) at Gayathri Vidya Parishad College of Engineering, Visakhapatnam, 19-22 Dec. 2013
6. B. Nagamani Naidu, K. Koteswara Rao, "Sol-gel preparation and luminescence studies of a double perovskite type red phosphor series $NaMgBi_{1-x}Eu_xMoO_6$ (x=0-0.2)" International Conference on Nano-Bio and Materials Science (ICONBMS) -2014 at Department of Physics, Nizam College, Osmania University, Hyderabad during Jan. 8-10th, 2014.
7. Ch. V. Koti Reddy, R. Balaji Rao, Ch. Anusha Reddy, P. Geetha, "DTA, FTIR, Raman and Impudence analysis of Li_2O-Al_2O_3-P_2O_5 glassy material mixed with selenium oxide", International Conference on Nano-Bio and Materials Science (ICONBMS) -2014 at Department of Physics, Nizam College, Osmania University, Hyderabad during Jan. 8-10th, 2014.
8. P. Geetha, Ch. V. Koti Reddy, U. Anuradha, "Microstructural and dielectric properties of PZT (65/35) ceramic material doped with lower and higher concentration of lanthanum oxide", International Conference on Nano-Bio and Materials Science (ICONBMS) -2014 at Department of Physics, Nizam College, Osmania University, Hyderabad during Jan. 8-10th, 2014.
9. B. Nagamani Naidu, K. Koteswara Rao, "Solution combustion method of preparation and luminescence studies of a red phosphor series $Bi_{2-x}Eu_xMoO_6$ (x=0-0.2)" International Conference on Advanced Functional Materials (ICAFM-2014) at Thiruvananthapuram, being jointly organized by CSIR-NIIST, IIM Trivandrum Chapter, ICS Kerala Chapter, MRSI Trivandrum Chapter and SPS Trivandrum Chapter, during 19-21 February 2014 at Thiruvananthapuram.
10. K. Srinivas, "RELIABLE GAS SENSORS USING ZnO NANOSTRUCTURES", International Conference on Nano Science & Engineering Applications-2014, ICONSEA-2014, June 26-28, JNTUH, Hyderabad, TELONGANA, (ISSN : 978-81-924726-2-1)
11. K. Srinivas & D. Krishna Rao "Development of Lead-Free Nanocomposite polymer dielectrics for high Energy Storage Applications", International Conference on Nano Science & Engineering Applications-2014, ICONSEA-2014, June 26-28, JNTUH, Hyderabad, TELONGANA, (ISSN : 978-81-924726-2-1)

International Journals:

1. R. L. Naidu, T.Ramprasad, K.V.Ramana "**Kaluza-Klein universe with cosmic strings and bulk viscosity**", International Journal of Astrophysics and Space Science DOI 10.1007/s10509-013-1426-1
2. D.R.k.Reddy, T Ramprasad, K V Ramana "**Bianchi type-V bulk viscous string cosmological model in f(R,T) gravity",** International Journal of Astrophysics and Space Science,DOI 10.10007/s10509-013-1540-0, International Journal of Astrophysics and Space Science June 2013
3. R. L. Naidu D.R.k.Reddy, T Ramprasad, K V Ramana "**LRS Bianchi type-II bulk viscous cosmic string model in a scale covariant theory of gravitation"**, DOI 10.1007/s10509-013-1539-6,International Journal of Astrophysics and Space Science, July 2013
4. R. L. Naidu K Dasu Naidu, K Shobhan Babu, D R K Reddy"**A five dimensional Kaluza-Klein bulk viscous string cosmological model in Brans-Dicke scalar-tensor theory of gravitation",** DOI 10.1007/s10509-013-1539-6, International Journal of Astrophysics and Space Science, June 2013
5. D.Srinivasa Kumar,K.V.S.Prasad, S.PrasadaRao "**Sustainable Trends and Policies of MSME in Economic Development in India: An Empirical Study**", International Journal of Management and Business Studies (IJMBS), ISSN : 2231-2463 Vol.3, Issue 2 , pp 106-111, April – June 2013
6. P.VamsiSagar, B.NageswaraRao "**Fuzzy Fixed Point Theory, Fuzzy contractive Mappings and some of its applications**", International Journal of Mathematical Sciences, Technology & Humanities (IJMTH), Vol.3, ISSN 2249-5460, pp 1032-1044, June,2013
7. Dr.K.Srinivas, **"A complete analysis and dynamic simulations of superconducting quantum interference device (SQUID) logic gates",** International Journal of Advanced Computer Research, ISSN: 2249-7277,
   Vol.3, No.3, Issue 11, September 2013,pp1-6.
8. Dr.K.Srinivas"**A Completer Analysis and Dynamic Response and Simulations of Jospephon Resistive Logic Gates",** International journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue-8, Aug-2013
9. Ch. V. Kameswara Rao **"E-man part 4: Tutorial on prospects of charged system search (CSS) algorithm in chemical sciences**" International Journal of Applicable chemistry, ISSN: 2278-1862,JOAC,2013, 2 (5): 1007-1034, month
10. N Santhosh kumar, GVSR Pavan Kumar, VSS Anand, B Sreerama Murthy,"**Assessment of water quality of thatipudi reservoir of Vizianagaram District of Andhra Pradesh,** Innovare Journal of sciences, ISSN: 2321-5496, Vol.1, Issue 2, Aug- 2013
11. R Suryanarayana, Ch.Gopala Rao," **Two-point Kronecker Product Boundary value problems on time scales**" International Journal of Advanced Computer and Mathematical Sciences, ISSN: 2230-9624, Vol.4, Issue.3, pp:220-228 July 2013
12. Dr.K.Gouru Naidu, Vidyasagar,T., Mahesh, K ,K.V. Ramesh"**Fluorides in Ground waters of Endada suburban Area, Visakhapatnam**" Global Journal of Engineering & Applied Sciences, 2013: 3 (3)

13. Dr.K.Gouru Naidu, Rajitha, P., Swathi, C., Mohan N, K.V. Ramesh "**Fluorides in Ground waters of Sagar Nagar suburban Area, Visakhapatnam,** Global Journal of Engineering & Applied Sciences, 2013: 3 (3):Pp. 146-148
14. Dr.M.P Srinivasa Rao, B Anilkumar, "An analytical study of a doubly clad compressed ellipse optical waveguide"Journal Optic, 125 (2014) 409-413, month 2014
15. Dr.M.P Srinivasa Rao, B Anilkumar,"A Grid Based Approach to Detect Mobile Target in Wireless Sensor Network", IOSR Journal of Computer Engineering, ISSN:2278-8727**,**Volume 14,Issue -4, (Sept-Oct 2013) PP 55-60
16. T. Venkata Rao, **'**Knowledge of e-resources in Engineering College Libraries – A Study', International Journal of Library and Information Studies, Vol. 3 (4), Oct. – Dec, 2013, pp: 1 – 15.
17. Ch. V. Kameswara Rao, K. Rama Krishna, V. Anantha Ramam and R. Sambasiva Rao "State of the art review (SAR Invited) Mathematical Neural Network (MANN) Models, Journal of Applicable Chemistry 2014, 3 (1):6-29. ISSN:2278-1862
18. Mushini Venkata Subba Rao, Ananta Ramam V., Muralidhara Rao V. and Sambasiva Rao R., "Singular value decomposition is used as a chemo metric tool for kinetic investigations", Research J. Science and Tech. 5(4):Oct.-Dec., 2013 page 412-420, ISSN-0975-4393
19. K. Srinivas, "Need of nanotechnology in education", Science Journal of Education, May 2014; 2(2): 58-64 .Science Publishing Group, ISSN:2329-0897(Online).
20. K. Srinivas, "Nanoparticles influence on dye-sensitized solar cells based on TiO2", American Journal of Nanoscience and Nanotechnology, May 2014; 2(3): 32-39. Science Publishing Group, ISSN:2331-0693(Online).
21. K. Srinivas and D. Krishna Rao, "Modeling and computer simulation of nanostructured devices", American Journal of Nanoscience and Nanotechnology, May 2014; 2(3): 40-44. Science Publishing Group, ISSN: 2331-0693(Online)
22. **K.Srinivas,** "**NANOMATERIALS FOR CONCRETE TECHNOLOGY**", International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development journal with ISSN(P):2249-6866 ; ISSN(E):2249-7978 ;Impact Factor (JCC) - 5.7179.
23. **K. Srinivas,** "Role of nanoparticles in PZT ferroelectric material properties and their applications in memory devices", International Journal of Nanotechnology and Application Vol. 4, Issue 3, Jun 2014, 53-62 journal with ISSN(P):2277-4777 ; ISSN(E):2278-9391 ;Impact Factor (JCC) - 1.8003.

2012-13

National Conferences:

1. M. V. Subba Rao, K. Koteswara Rao and K. Gouru Naidu, **"Nanotechnology Applications in Solar Cells – Emerging Trends"**, National Conference in emerging

trends of chemistry and environment, GITAM Institute of Technology, GITAM University, Visakhapatnam, from 07-09-2012 to 08-09-2012

2. K. V. S. Prasad, **"A Study of HRM Practices in cooperative banks"**, Two-day national seminar on Dynamics of Co-operative Sector in India - Strategies to Strengthen, Andhra University, Visakhapatnam, 14-12-2012 to 15-12-2012

3. D. S. B. Choudari, **"The English Classroom experience and experiences"**, Velammal Engineering College, Chennai, 19-07-2012 to 21-07-2012.

4. D. S. B. Choudari**, "Communication skills, need of the community",** National seminar, SKBR College, Amalapuram, 25-08-2012 to 26-08-2012.

5. M.V.Subba Rao and N.Santosh Kumar "Physico Chemical Assessment of Quality of Underground Drinking Water in the Villages of Veeraghattam and Palakonda Mandals in Srikakulam District, Andhra Pradesh, India" at BITS Pilani, Hyderabad Campus from 05-04-13 to 06-04-13.

National Journals :

1. M. Eswara Rao, **"Ragging: A very often Focused Theme in the Indian Campus Novels"**, Critical Analyzer: Literature, Theory & Criticism, (2012) 19-25

International Conferences:

1. K. Srinivas, **"A New Proposed Cache Memory Cell using Josephson resistive DCI Logic gate"**, International conference on Advances in Electronics, Universal Association of Computer and Electronics Engineers at Dehradun, Uttarakhand from 07-07-2012 to 09-07-2012.

2. B. Rushi, **"A Complete Analysis of Dynamic Response and Simulations of Jospephson Resistive Logic Gates"**, 2nd World Conference on Applied Science, Engineering and Technology (WCSET 13), GITAM University, Visakhapatnam, 8-9 March 2013.

3. M. Srikanth, **"Need of Nano Technology in Education"**, International Conference on Nanoelectronics and Nanodevices (ICNEND"13) at Saveetha University, Chennai, 21-22 January 2013.

4. M. Srikanth, **"Modelling and computer simulation of nano-structured devices"**, International Conference on Nanoelectronics and Nanodevices (ICNEND"13) at Saveetha University, Chennai, 21-22 January 2013.

5. P. Geetha **"Influence of nanoparticles in PZT ferroelectricmaterial properties"** 2nd World Conference on Applied Science, Engineering and Technology (WCSET 13), 8-9 March 2013**.**

6. K.Koteswara Rao, **"Nano Particles influence on Dye Sensitized Solar cells based on TiO_2"**, International Conference on Nanoelectronics and Nanodevices (ICNEND"13) at Saveetha University, Chennai, 21-22 January 2013.

7. D. Srinivasa Kumar, **"The effect of corporate governance on sustainability disclosure"**, Department of Commerce, SV University, Tirupathi from 31-01-2013 to 31-01-2013.

8. K. V. S. Prasad, **"Evolution and Committees of Corporate Governance: An Overview"**, International conference, Department of Commerce, SV University, Tirupathi, 30-01-2013 to 31-01-2013.

9. D. S. B. Choudari, **"English literature Studies: Current Trends and Concurrent Challenges"**, Thassim Beevi Abdul Kader College for Women, Kilakarai, 21-09-2012 to 23-09-2012.

10. R.Suryanarayana, "Non-Linear Four point kronecker product boundary solved problem", International Conference, GITAM University, Hyderabad from 08-03-13 to 09-03-13.

11. R.L.Naidu, "Bianchi – III cosmological model in f (R,T) gravity", ", International Conference, GITAM University, Hyderabad from 08-03-13 to 09-03-13.

International Journals :

1. K. Srinivas, **"A complete analysis of striplines used for Josephson logic and memory circuit"** International Journal of Engineering Research and Applications, Vol.2, Issue 4 July-August (2012) 34-40.

2. K. Srinivas, **"A complete approach of optimization and simulation of Josephson junction as a switching element"** International Journal of Engineering Research and Applications (IJERA) Vol.2, Issue4 July-August (2012) 41-50.

3. D. Srinivasa Kumar, **"Globalization: A boon to insurance sector in India"**, International Journal of Business Economics and Management research. Vol 2. issue 10, October (2012)

4. K. V. S. Prasad, **"Performance of Mahatma Gandhi National Rural Employment Guarantee Act(MGN-REGA):An Overview"**, International Journal of Management & Business Studies (IJMBS), Vol.2, Issue 4, Oct-Dec 2012, 9519 (Online), 2230-2463 (Print).

5. K. V. S. Prasad, **"Performance Appraisal of Andhra Bank and its role in Financial Inclusion"**, International Journal of Languages, Education & Social Sciences, Vol.3, Issue 1, Dec (2012).

6. K. V. S. Prasad, **"Analysis of Bank Loans disbursed to self-Help Groups under the SHG-Bank linkage programme in India"**, ZENITH International Journal of Multidisciplinary Research, Vol. 3(2) Feb. (2013).

7. R. L. Naidu, **"Bianchi Type-III Cosmological model in F(R,T) gravity"**, International Journal of Astrophysics and Space Science, Vol. 342 (2012) 249-252

8. K. Srinivas, **"A new proposed Cache Memory cell using Josephson resistive DCI logic gate"** International Journal of Scientific & Engineering Research, Volume 4, Issue 1, January (2013)

9. K. Srinivas, **"Dynamic simulations of superconducting quantum interference device (squid) memory cell"** International Journal of Scientific & Engineering Research Volume 4, Issue 1, January (2013)

10. R. L. Naidu, **"LRS Bianchi Type-II with cosmic strings and bulk viscosity in modified theory of gravitation"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-013-1417-2

11. R. L. Naidu, **"Kaluza-Klein universe with cosmic strings and bulk viscosity"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-013-1426-1

12. B. Satyanarayana, **"Field of a charged particle in a scalar-tensor theory of gravitation"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-012-1153-z

13. M.V. Subba Rao, **"Analysis of some characteristic parameters of potable water and treated waste water and its reuse"**, Asian Journal of Water, Environment and pollution, Vol.10,No.1 (2013)155-159.

14. M. Eswara Rao, **"Hindu Culture and way of Life Focused by Githa Hariharan in the thousand faces of night"**, The Criterion - An International Journal in English, Vol. 3, Issue 4 (2012).

15. D.Srinivasa Kumar & K.V.S. Prasad, "Sustainable Trends and Policies of MSME in Economic Development in India: An Empirical Study", International Journal of Management and Business Studies (IJMBS), Vol.3, Issue 2, April – June 2013, pp 106-111.

16. M.Eswara Rao, "The Ghosts of Vasu Master : A Truthful portrayal of Hindu Way Life by Gita Hariharan", Journal of Teaching and Research in English Literature, Vol.IV, ISSN0975-8828, April-June 2013.

17. R.L.Naidu, T.Ram Prasad & K. Dasu Naidu, "FRW Viscous Fluid Cosmological Model in F(R,T) Gravity", Global Journal of Science Frontier Research Physics and Space Science, Vol.13,2013 ISSN 2249-4626.

2011-12

National Conferences:

1. A. Ganapathi Rao, **"Matrices for the standard representation of symmetric group by transforming Young Tableaux"**, Andhra Pradesh Science Congress, 2011, GITAM Institute of science, GITAM University, Visakhapatnam, 14-11-2011 to 16-11-2011

2. R. Suryanarayana, **"Some New Inequalities for the Generalized E-Gamma, Beta and Zeta Functions"**, National Conference on Applications of Mathematics in Engineering Sciences (NCAMES)2011, Department of Engineering Mathematics, A.U.College of Engineering (A), Andhra University, Visakhapatnam, 29-06-2011 to 30-06-2011

3. M. V. Subba Rao, **"Assessment of Quality of water at Srikurmam-Srikakulam District"**, Presented in AP Science Congress, 2011, GITAM Institute of science, GITAM University, Visakhapatnam 14-11-2011 to 16-11-2011

4. T. P. Dash, **"Teaching English specifically with a purpose : an appropriate approach"**, Department of English, GITAM Institute of Technology, GITAM University, Visakhapatnam, 23-09-2011 to 24-09-2011.

5. K. R. Surendran, **"ESP : challenges & strategies in teaching technical writing to learning"**, Department of English, GITAM Institute of Technology, GITAM University, Visakhapatnam, 23-09-2011 to 24-09-2011.

6. T. Venkat Rao, **"National conference on Emerging Trends in user expectations for next generation libraries"**, Andhra Pradesh Library Association, Vijayawada, 24-02-2012 to 26-02-2012

7. T. Venkat Rao, **"International conference on Collection development in the digital environment"**, Madras University, 29-06-2012 to 30-06-2012

8. D. S. B. Choudari, **"One day National conference on Materials, methods and class room management in English Language Teaching"**, Velammal Engineering College, Chennai, 26-08-2011.

9. D. S. B. Choudari, **"National conference on English For scientific and technical writing"**, Department of English, GITAM Institute of Technology, GITAM University, Visakhapatnam, 23-09-2011 to 24-09-2011.

10. D. S. B. Choudari, **"Mother Tongue and literature as Resources in the Teaching of English Language"**, JMJ College for women, Tenali, 27-02-2012 to 28-02-2012.

National Journals :

1. K. Srinivas, **"A complete analysis and simulations of superconducting quantum interference device (SQUID) logic gates and memory cells"** International conference on …. SHAURYA, CRPF Officer's Institute, Vasant Kunj, New Delhi from 16-11-2011 to 18-11-2011.

2. R. Suryanarayana, **"Some New Inequalities for the Generalized – Gamma, Beta and Zeta functions"**, Proceedings of the National Conference on Applications of Mathematics in Engineering Sciences (NCAMES) 2011, 29-30, June (2011) 21-23.

3. D. Srinivasa Kumar, **"Housing finance system in India – An Empirical Analysis"**, Global Journal of Arts & Management, Vol.1 issue 4 (2011) 11-15.

International Conferences:

1. R. Suryanarayana, **"Inequalities and limits for the Generalised Gamma, Beta Function"**, International Conference on stochastic modeling and simulation, VEL TECH University, 15-12-2011 to 17-12-2011

2. D. Srinivasa Kumar, **"Impact of Emerging Markets: Indian Life Insurance Sector"**, 64th All India Commerce Conference Organized by the Department of Commerce, School of Management, Pondicherry University, Pondicherry, 13-12-2011 to 15-12-2011

3. P.Sarada Varma, **"Assessing the Influence of Nutrient Loads and Plant Community on the Dynamics of Oxygen"**, International conference IISER, Pune from 23-01-2012 to 27-01-2012

4. D. S. B. Choudari, **"International seminar on Literature and English Language Teaching"**, SRN Adarsh college, Bangalore, 06-07-2011

5. D. S. B. Choudari, **"International conference on Professional English",** VEL TECH Technical University, Chennai, 15-02-2012 to 16-02-2012.

International Journals:

1. K. Srinivas, J. C. Biswas, **"Dynamic Response of Josephson Resistive Logic JAWS GATE",** International Journal of Scientific and Engineering Research, Vol. 2, Issue 10, Oct (2011).

2. K. Srinivas, J. C. Biswas **"Dynamic Response of Josephson Resistive Logic DCI GATE"**, International Journal of Scientific and Engineering Research, Vol. 2, Issue 10, Oct (2011).

3. K. Srinivas, J. C. Biswas, **"Dynamic response of Josephson resistive logic RCJL gate"**, International Journal of Scientific and Engineering Research, Vol.2, Issue10 October (2011).

4. R. Suryanarayana, **"A Third Order Boundary Value Problem with Nonlinear Terms-Existence and Uniqueness"**, Global Journal of Mathematical Sciences: Theory and Practical, Vol. 3 No.2 (2011) 181-187.

5. R. L. Naidu, **"Axially Symmetric radiating cosmological model in a self-creation cosmology"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-011-0872-x

6. R. L. Naidu, **"LRS Bianchi type-II Universe with cosmic strings and bulk viscosity in a scalar tensor theory of gravitation"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-011-0942-0

7. R. L. Naidu, **"LRS Bianchi type-II dark energy model in a scalar-tensor theory of gravitation"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-011-0935-z

8. R. L. Naidu, **"Five Dimensional Dark Energy Model in a Scalar Tensor Theory of Gravitation"**, International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-012-1007-8

9. R. L. Naidu, **"Bianchi Type-V Dark Energy Model in a scalar Tensor Theory of Gravitation"**, International Journal of Theoretical physics, DOI 10.1007/s10773-012-1078-x

10. R. L. Naidu, **"Bianchi Type-III Dark Energy Model in a Saez-Ballester Scalar - Tensor Theory"**, International Journal of Theoretical physics, DOI 10.1007/s10773-012-1161-3

11. R. L. Naidu, **"Kaluza-Klein Cosmological Model in *f (R,T)* Gravity"**, International Journal of Theoretical physics, DOI 10.1007/s10773-012-1203-x

12. R. L. Naidu, **"A dark energy model in a scale covariant theory"**, International Journal of Theoretical physics, DOI 10.1007/s10773-012-1187-6

13. M.V.SubbaRao, **"Kinetics of substitution of cis-bis(malonato)diaquochromate(iii) with glycine, dl-alanine and dl-phenylalanine in alkaline medium"**, Bull. Chemical Society of Ethiopia, Vol. 25(1) (2011) 103-110.

14. K. Koteswara Rao, **"Investigation of nitrogen doped diamond like carbon films as counter electrodes in dye sensitized solar cells"**, Journal of alloys and compounds, 509 (2011) 1969-1974

15. M. V. Subba Rao, **"Assessment of Quality of Drinking Water at Srikurmam in Srikakulam District Andhra Pradesh, India"**, International Research Journal of Environment Sciences, Vol. 1(2) (2012) 13-20

16. R.Suryanarayana & Ch.Gopala Rao, "Existence and Uniqueness solution of Non-Linear Kronecker Product Lyapunov System on Time Scales", International Journal of Mathematics and Scientific computing, Vol.1, No.2,2011

2010-11

National Conferences:

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National Journals :

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International Conferences:

1. R. Suryanarayna, **"Existence and Uniqueness of solutions to Two-Point boundary value problems associated with non-homogeneous kronecker product Lyapunov system on time scales"**, International conference on Emerging Trends in Mathematics and Computer Applications, MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI, from 16-12-10 to18-12-10

2. R. Suryanarayana, **"Non-Linear Kronecker Product Lypunov System on Time scales-existence, Uniqueness and sensitivity analysis mathematical sciences (including statistics)"**, The Indian Science Congress, SRM University, Chennai, 03-01-2011 to 07-01-2011.

3. K. Gouru Naidu, M.V.Subba Rao, **International symposium on Desalination, Drinking water quality in rural areas, Draught mitigation and water reuse**, Department of Engineering Chemistry, JNTUK, Vizianagaram Campus, 24-03-2011 to 25-03-2011

4. T. P. Dash, **"E.S.L: An Appropriate Approach for Engineering Students University of Petroleum & Energy Studies"**, Dehradun (Uttarakhand), 04-11-2011 to 05-11-2011

5. M. Eswara Rao, **"Integrating English Classroom with Web resources"**, 6th International and 42nd Annual ELTAI conference, VIT University, Vellore, Tamil Nadu, 16-06-2011 to 18-06-2011

6. Ruksana Parveen, **"Teacher development: As a lifelong learner and his role in the 21st Century class room"**, 6th International and 42nd Annual ELTAI conference, VIT University, Vellore, Tamil Nadu, 16-06-2011 to 18-06-2011

International Journals:

1. R. Suryanarayana, **"Sturm - Liouville Eigen value Problem for Non linear Differential Equations on a Time Scale"**, International Journal of Computational and Applied Mathematics, Volume 5, No.1 (2010) 73-79.

2. R. Suryanarayana, **"Existence and Uniqueness of solutions to two-point boundary value problems associated with Non-Homogeneous Kronecker Product Lyapunov System on Time scales"**, Proceedings of the International Conference on Emerging Trends in Mathematics and computer Applications MEPSCO Schlenk Engineering College, Sivakasi, India, Dec. 16-18 (2010) 27-31.

3. K. Koteswara Rao, **"Synthesis, crystal structure and optical properties of quasi-one-dimentional lead (II) iodide: $C_{14}H_{18}N_2Pb_2I_6$"**, Solid State Sciences', 12 (2010) 95-98.

4. K. Koteswara Rao, **"A wide ranging review on Nasicon type of materials",** Journal of Materials Science 46 (2011) 2821-2827

5. M. V. Subba Rao, **"Kinetics of Aquation of Tris(oxalate)chromate(III) and Tris(malonato)chromate(III) from sulfuric Acid Solutions: A Solvent Extraction Study"** , Asian Journal of Chemistry, Vol.22 No.5 (2010) 3771-3778

6. M. V. Subba Rao, **"Neural Network Modeling Used As a Chemometric Tool for Kinetic Investigations"**, Asian Journal of Chemistry, Vol.22 No.8 (2010) 5937-5950

7. M. V. Subba Rao, **"Kinetics of Substitution of CIS-Bis(Oxalato) Diaquo Chromate(III) With Glycine, DI-alanine and DI-Phenylalanine in Acid Medium"**, Asian Journal of Research in Chemistry, Vol.3(2): April-June (2010) 442- 446

8. A. Ganapathi Rao, **"The Kronecker Product of Symmetric Group Representations Using Schur Functions"**, International Journal of Algebra, Vol. 4, no.9-12, (2010) 579 – 584

2009-10

National Conferences:

1. T. P. Dash, **"The communicative approach to language teaching with special referrence to reading skills"**, National Institute of Technology, Warangal, from 05-01-09 to 06-01-09.

National Journals :

---Nil---

International Conferences:

1. P. Vamsi Sagar, **"International Conference on Recent Advances in Mathematical Sciences and Applications (RAMSA '09)"**, Gayatri Vidya Parishad, Visakhapatnam, from 19-12-09 to 22-12-09

International Journals:

1. R. Suryanarayana, **"Controllability and Observability of Kronecker Product System of First Order Differential Equations"**, International Journal of Applied Mathematics, Volume 22, No. 6 (2009) 969-980
2. K. Koteswara Rao, **"Preparation, characterization, conductivity and thermal expansion study of $Mn_{0.5}MSbP_3O_{12}$ (M=Al, Fe and Cr)"**, Journal of Alloys and Compounds, 479 (2009) 684-691

3. K. Koteswara Rao, **"Structural characterization and luminescent properties of a new red phosphor series:$Y_{2-x}Eu_x(MoO_4)_3$ (x= 0.4-2.0)"**, Journal of American Ceramic Society, 92 (2009) 1732-1738

2008-09

National Conferences:

1. R. L.Naidu, **"On axially symmetric domain walls and cosmic strings in bimetric theory"**, The Indian science Congress, Andhra University, Visakhapatnam, from 03-01-2008 to 07-01-2008

National Journals:

1. K. Syamla**, "Poet as a translator: A Review of Godavari Sarma's Select Works'** Kakatiya Journal of English studies, volume 28, 2008-09.

International Conferences:

1. R. Suryanarayana, **"Controllability and Observability of Kronecker Product System of First Order Differential Equations"**, 95th Indian Science Congress Visakhapatnam, Andhra University, from 03-01-2008 to 07-01-2008.

International Journals:

1. K. Koteswara Rao, **"Influence of crystallinity and carbon content on visible light photocatalysis of carbon doped titania thin films"**, Journal of Molecular Catalysis A : Chemical, 279 (2008) 20-26

2. K.Koteswara Rao, **"Powder X-ray diffraction, infrared and conductivity studies of $AgSbMP_3O_{12}$ (M=Al, Ga, Fe and Cr)"**, Materials Research Bulletin, 43 (2008) 1509-1518.

3. K. Koteswara Rao, **"Synthesis and characterization of Ce^{3+}:YAG phosphors by heterogeneous precipitation using different alumina sources"**, International Journal of Applied Ceramic Technology 6 (2009) 470-478

2007-08

National Conferences:

1. D. Srinivasa Kumar**, "Commerce Governance and Business Ethics"**, Andhra University, Visakhapatnam, from 01-08-2007 to 02-08-2007

2. D. Srinivasa Kumar, **"Impact of Micro Finance Through SHG-Bank Linkage in India"**, Osmania University, Hyderabad, from 27-12-2007 to 29-12-2007

National Journals:

---Nil---

International Conferences:

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International Journals:

1. R. L. Naidu, **"A Cosmological Model with Negative Constant Deceleration Parameter in Scale-Covariant Theory of Gravitati"**, A Journal of Astrophysics and Space Science, Vol. 307 (2007) 365-367

2. R. L. Naidu, **"Cosmic strings and domain walls in a scale-covariant theory of Gravitation"**, An International Journal of Theoretical physics, Vol. 46 (2007) 2788-2794

3. R. L. Naidu, **"Five dimensional string cosmological models in a scalar tensor theory of gravitation"**, Astrophysics and Space Science, Vol. 307 (2007) 395-398.

4. R.L. Naidu, **"A Bianchi Type – V Cosmological model in Brans Dicke theory of gravitation"**, Journal of Dynamical systems and geometric theories, Vol. 5 (2007) 79-84

5. R. L. Naidu, **"Bianchi type – IX cosmic strings in a scalar-tensor theory of gravitation"**, Astrophysics and Space Science", Vol.312, 1-2 (2007)

6. R. L. Naidu, **"Axially Symmetric Inflationary Universe in General Relativity"**, Int. Journal of Theoretical physics, Vol. 47, Number 4 (2007) 1016-1020

7. R. L. Naidu, **"Axially symmetric non-static domain walls in scalar-tensor theories of gravitation"**, An International Journal of Astrophysics Space Science, Vol. 312, 3-4 (2007)

8. R. L. Naidu, **"A higher dimensional string cosmological model in Brans-Dicke Theory of Gravitation"**, ASTR, Vol.310, (2007)177-180

9. R. L. Naidu, **"On axially symmetric Domain Walls and cosmic strings in Biometric theory"**, Institute of Journal of Theoretical Physics, Vol. 47, Nos.6, (2007) 1594-1599

10. K. Koteswara Rao, **"Preparation, characterization and ESR studies of bulk and nano sized pyrochlore $La_{2-x}Gd_xZr_2O_7$ (x = 0.025, 0.05, 0.075 and 0.1)"**, Spectrochimica Acta Part A, 66 (2007) 646-649

11. K. Koteswara Rao, **"Preparation, characterization, conductivity and thermal expansion studies of $Ca_{0.5}SbMP_3O_{12}$ (M = Al, Fe, Cr)"**, Journal of Materials Science, 42 (2007) 3613-3620

12. K.Koteswara Rao, **"Preparation, characterization and conductivity studies of a Nasicon system $Ag_{3-2x}Ta_xAl_{2-x}(PO4)_3$ (x = 0.6–1.4)"**, Physica Status Solidi (a), 204 (2007) 3454-3462

13. K. Koteswara Rao, **"Nanocolumnar titania thin films uniquely incorporated with carbon for visible light photocatalysis"**, Applied Catalysis B: Environmental, 76 (2007) 328-334

14. K. Koteswara Rao, **"A novel core-shell like composite In_2O_3@$CaIn_2O_4$ for efficient degradation of Methylene Blue by visible light"**, Applied Catalysis A: General, 321 (2007) 1-6

15. K. Koteswara Rao, **"Co-sputtered carbon-incorporated titanium oxide films as visible light-induced photocatalysts"**, Surface & Coatings Technology, 202 (2007) 890-894