

## Curriculum Vitae



### **RANGAVAJHALA VENKATESWARLU**

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### **Philosophy**

*Constantly striving to improve my teaching and contribute substantially in my thrust areas of research*

## Education

- Ph.D.in Applied Mathematics, Andhra University, 1991
- M.Phil. in Applied Mathematics, Andhra University, 1987
- M.Sc.Applied Mathematics, Andhra University, 1982
- *Faculty Development Programme, IIMA, 2003-04.*

## Professional Experience

**Teaching Experience:** Over 32 years

- School of International Business, Andhra University.
  - Adjunct Professor (01.06.2022 to till date)
- School of International Business, Andhra University.
  - Guest Faculty (April 2021 to May 2022)
- GITAM Institute of Management, GITAM Deemed University
  - Professor, Department of Operations (01.05.2019 to 31.05.2020)
- GITAM School of International Business, GITAM Deemed University
  - Professor (01.09.2007 to 30.04.2019)
  - Associate Professor/Reader (April 2002 to July 2007)
  - Assistant Professor (Feb.2000 to March 2002)
- College of Military Engineering, Pune (On Lien)
  - Worked as Professor of Mathematics (21.09.2007- 09.02.2008)
- P.G. Department of Mathematics, S.S.&N.College (PG), Narasaraopet, A.P.
  - Reader & Head (01-08-95 to 02-02-2000)

## Key Skills

- MS-EXCEL
- SPSS

## Research Experience

**Research Experience** : 34Years

**Areas of Interest** : Operations Research, Statistics and Theory of Gravitation

**Doctoral Work** : *Some Bianchi Type Cosmological Models in Certain Alternative Theories of Gravitation*

**Post-Doctoral Work** : *Higher Dimensional Cosmological Models in Alternative Theories of Gravitation*

**Research Guidance** : **Ph.D.s: Awarded-07**

- (i) S.Manoj Kumar - A Study On the Efficiency And Sustainability Of Cloud Server Providers: Mathematical Modelling Approach (**June 2021**)
- (ii) Dr.M.S.Reddy - EOQ Models for Deteriorating Items Having Quadratic Demand Rate Under Inflation and Permissible Trade Credit (**January 2017**)
- (iii) Dr.J.Satish - Some Multi Fluid Cosmological Models in Certain Alternative Theories of Gravitation (**June 2016**)
- (iv) Dr.G.S.S.Bhishma Rao - A Mathematical Modelling Approach to Study Efficiency and Productivity of Indian Non-life Insurance Firms (**May 2016**)
- (v) Dr.K.Sreenivas- Multifluid Cosmological Models in Certain Alternative Theories of Gravitation (**October 2014**)
- (vi) Dr.K.Pavan Kumar-Some Investigations on Cosmic Strings and Domain Walls in the presence of Zero-Mass Scalar Field (**November 2013**)
- (vii) Dr.R.Mohan- Some Inventory management Models for Perishable items with Quadratic Demand patterns (**April 2013**)

**Publications** : Published : 98 Scopus Indexed: 52 Web of Science: 48  
Working papers: 02 h-index: 13 (Scopus)

**Google Scholar:** [https://scholar.google.com/citations?user=k\\_c5Yt0AAAAJ](https://scholar.google.com/citations?user=k_c5Yt0AAAAJ)

**Scopus ID:** <https://www.scopus.com/authid/detail.uri?authorId=16431692000>

**Web of Science:** <https://publons.com/researcher/1265561/rangavajhala-venkateswarlu/>

**Research Projects** : Successfully completed a **UGC Major Research Project** entitled  
“*Cosmological Models with extra Dimensions in Alternative Theories of Gravitation*”.

Duration: 3 years (August 2002 to July 2005)

**Consultancy Project:** A Chapter on Steel Production at RINL: Turnaround Strategy of Vizag Steel-2005.

### Awards/Fellowships/Distinctions

- (i) Best Teacher – 2015 award by GITAM Deemed University.
- (ii) Best Researcher – 2012 award by GIITAM Deemed University.
- (iii) Research Associate (CSIR), January 1992 to June 1994.
- (iv) Senior Research Fellow (CSIR), March 1988 to April 1991.

### Academic Administration

- Associate Dean, GITAM School of International Business, (from 01.04.2017 to 31.12.2018)
- Academic Council Member, GITAM Deemed University (April 2016 to April 2018)
- Assistant Director, GITAM School of International Business (01.10.2010 to 30.09.2015 & 01.10.2016 to 30.03.2017)
- Chairperson-Research Programmes (March 2008 to July 2018)
- Chairperson for AACSB accreditation (March 2015-May 2020)
- Coordinator for NAAC-2011 and NAAC-2017
- Board of Studies member, GITAM School of International Business (March 2008 to April 2019)
- Associate editor of GITAM Review of International Business
- Chairperson-PGP, GIFT (March 2004 to June 2006)
- Examinations Coordinator (Feb 2000 to Oct 2003)
- Worked as Reader & Head, Dept of Mathematics, SSN College PG Center, Narasaraopet, (Aug1995-Feb 2000)

### Academic Activities

#### Courses designed and taught

- Operations Research/Decision Science
- Simulation Analytics
- Prescriptive Analytics
- Theory of Ordinary/Partial Differential Equations

- Applied Oriented Algebra
- Theory of Relativity
- Engineering Mathematics
- Business Mathematics
- Business Statistics
- Research Methods in Management

### **Ph.D./M.Phil. Thesis Adjudicator**

- Examined Ph.D. thesis for the following universities:
  - (i) Andhra University,
  - (ii) Nagpur University,
  - (iii) Sambalpur University,
  - (iv) Berhampur University,
  - (v) SOA University,
  - (vi) Amravati University
  - (vii) PACIFIC University.

### **Books Reviewed:**

- Reviewed a book on “Business Statistics” for **Tata McGraw Hill, 2007.**

### **Paper Reviews:**

Reviewer for the following journals:

- (i) Astrophysics and Space Science
- (ii) International Journal of Theoretical Physics
- (iii) Canadian Journal of Physics
- (iv) Russian Journal of Gravitation and Cosmology
- (v) International Journal of Supply and Operations Management
- (vi) Journal GANITA: Mathematical Sciences

### **External Examiner**

1. External examiner for M.Phil/Ph.D. JNTU-Kakinada
2. External examiner for M.Phil/Ph.D., Andhra University, Visakhapatnam
3. KL University, Vijayawada
4. Department of Commerce and Management, Sambalpur University, Sambalpur
5. Dept. of Mathematics, Berhampur
6. PB Siddhartha College of Engineering, Vijayawada

### **MDPs Coordinated**

1. Executive Development Programme in Logistics and Shipping, June 2002 at Visakhapatnam
2. Supply Chain Management, September 2004 at Tirupati

### **FDPs Organised**

1. Programme Director and resource person for a three day workshop on Advanced Research methods in Management, Aug.23-25, 2018
2. Programme Director and resource person for a three day workshop on Advanced Research Methods in Management, Aug.31-Sept.2, 2017
3. Programme Director and resource person for a three day workshop on Research methods in management, Sept.8-10, 2016
4. Programme Director and resource person for a three day workshop on Advanced Research methods in Management, Sept 10-12, 2015.
5. Programme Director and resource person for a two day workshop on Advanced Research Methods in Management, September 19-20, 2014.
6. Programme Director and resource person for a two day workshop on Research Methods in Management, October 3-4, 2013.
7. Programme Director and resource person for a two day workshop on Research Methods in Management, October 4-5, 2012.
8. Programme Director and resource person for a two day workshop on Business Research Methods and training Programme on Statistical Software, September 24-25, 2010.
9. Programme Director and resource person for a two day workshop on Research Methods and Training Programme on SYSTAT, April 24-25, 2009.
10. Programme Director and resource person for a two day workshop on Two day workshop on “Operations Research”, December 5-6, 2008.
11. One day workshop on “Analytical Tools for Marketing Research”, Feb 2007.
12. One day workshop on “Research Methods in Social Science”, April 28, 2007.

### **Academic Affiliations**

1. Member – Editorial Board, ISRN Mathematical Physics
2. IIMA Alumni
3. Life Member – Indian Association for General Relativity and Gravitation
4. Member – AIMS International

### **Invited talks/Resource Person/Session Chair**

- Chaired a session during an AIMS-17 International Conference on Management, jointly organised by IIM-Kozhikode and AIMS-International during January 02-04, 2020.

- Chaired a session during an “International Conference on Recent Inventions and Innovations in Mathematical Sciences-2019” organised by Applied mathematics Department, Andhra University, Feb.28-March 01, 2019.
- Delivered invited lectures on Research Methods for doctoral students of GITAM Institute of Management, March 2019.
- Delivered invited lectures on Research Methods for doctoral students of GITAM Institute of Pharmacy, Jan 2019.
- Delivered invited lectures on Research Methods for doctoral students of GITAM Institute of Pharmacy, December 2019.
- Delivered invited lectures on Research Methods for doctoral students of GITAM Institute of Engineering, Nov.2018.
- Delivered invited lectures (4 sessions) as a resource person for a Refresher Course on mathematics at S.V.University during November 2017.
- Delivered a guest lecture as Chief Guest during Ramanujan’s Birthday celebrations in M.V.R.Degree College in December 2016.
- Delivered a guest lecture as a resource person for PG teachers of Kendriya Vidyalayas, in December 2015
- Delivered a guest lecture as a resource person for UG teachers of Kendriya Vidyalayas, in December 2014
- Delivered invited lectures as resource person in Three-Day Faculty development programme on “Research Methodology” organised by the Department of Business Administration of Srikanyaka parameswari Engineering College, Tadepalligudem during May , Jan 2014.
- Delivered invited lectures as resource person in One-Day Faculty development programme on “Research Methodology (Theses and Journal Writing)” organised by the Department of Business Administration of Christu Jayanthi Jubilee College, Guntur on 5th Jan 2011.

### **Seminars/Conferences/Workshops Attended**

1. FDP on “Productivity Tools for Teaching Enhancement” organized by Dhyana hita Educational Society and GITAM during 07.05.2020 to 21.05.2020.
2. 17<sup>th</sup> AIMS International Conference on Management, IIM-Kozhikode, January 02-04, 2020.
3. International Conference on Recent Inventions and Innovations in Mathematical Sciences, Dept.of Applied Mathematics, A.U., Visakhapatnam, Feb.28-March 01, 2019.
4. 15<sup>th</sup> AIMS International Conference on Management, IMT Ghaziabad, Jan 6-8, 2018.

5. Attended a one day Conclave Higher Education & Skilling: Quality, Governance and Innovation, organized by CII. Visakhapatnam, Oct.6, 2017.
6. Attended IOT-AI Summit, Organised by CII & APTDC, Visakhapatnam, Sept. 22-23, 2017.
7. 14<sup>th</sup> AIMS International Conference on Management, MICA, Ahmedabad, Dec.26-28, 2016.
8. Attended 6<sup>th</sup> Indian Management Conclave 2015 organized by MBAUniverse.com hosted by Indian School of Business(ISB), Hyderabad, July 29-30, 2015.
9. Attended IMC Faculty Development Programme on the “Ten Drivers of Effective Learning” jointly organized by MBAUniverse.com & Indian School of Business (ISB), Hyderabad, ISB, Hyderabad, July 28, 2015.
10. Participated in an IBM Training and Certificate Programme, Visakhapatnam, 8<sup>th</sup> – 14<sup>th</sup> June, 2015.
11. 12<sup>th</sup> AIMS International Conference on Management, IIM-Kozhikode, Jan 2015.
12. National Seminar on Emerging Trends in Applied Mathematics, Andhra University April 2014.
13. International Conference on Recent Advances in Mathematics, Nagpur University, January 2014.
14. National Seminar on Emerging Trends in Applied Mathematics, Andhra University, Visakhapatnam, April 2014.
15. 10<sup>th</sup> AIMS –International Conference on management, IIM, Bengaluru, January 2013
16. 9<sup>th</sup> AIMS –International Conference on management, FLAME, Pune, January, 2012
17. 3rd A.P. Science Congress, GITAM, Visakhapatnam, November 2011
18. Workshop on Building Competitiveness in Higher Education: The TQM Way, CII, Visakhapatnam, July 2011.
19. National Conference on Recent Trends in Mathematics and Mathematical Applications, Berhampur University, December 2010
20. National Seminar on Modern Trends in Applied Mathematics, Andhra University, October 2010.
21. Workshop on Quantitative Finance, IGIDR, IIT -Kanpur, RPI-USA, Mumbai, December 2009.
22. International Conference on Quantitative and Operations Management, AIMS-International, Jaipur Univ., Jaipur, Aug 2006

23. National Seminar on Recent advances in Applied Mathematics, Andhra University, Visakhapatnam, May 2004
24. 25<sup>th</sup> Faculty Development Programme, IIM-Ahmedabad, Nov2003-Feb2004
25. On Modern Mathematical Techniques in Computer Science, Communications and IT, IIT-Kharagpur, May 2002
26. National symposium on Mathematical Sciences, Nagpur University, Nagpur March 2001
27. Refresher course on Mathematics, Nagarjuna University, Guntur, March 1998.
28. Winter School on Gravitation, IUCAA, Pune, September 1989
29. National Seminar on Mathematics, Dept. Applied Mathematics, Andhra University, November 1988
30. XIII IAGR conference, Andhra University, Visakhapatnam, December 1987

### **Contribution to Co-Curricular Activities**

#### **(a) Social Projects Organised/Coordinated**

1. A Study on the Aspirations of the people of Visakhapatnam towards a smart City in the context of Digital India, Sept.2015
2. A study on Awareness about Aadhar card Usage, August 2014.
3. A study on Awareness about GITAM general Hospital Services, August 2014.
4. Rural Health Project: Incidence and Containment of Filariasis at Yarada Village, Visakhapatnam, September 2-3, 2013.
5. Road Safety Awareness in Visakhapatnam City, September 5-6, 2013.
6. Sustainability of Handicrafts Business: A social project on Etikoppaka toy-making industry, Etikoppaka, Visakhapatnam Dist, August 25-26, 2012
7. e-Governance-An Awareness Programm, Anandapuram, Visakhapatnam Dist., August 28-29, 2012..
8. A Study on the rural livelihood in RK Puram and Boni villages, Visakhapatnam Dist., August 2011.

#### **(b) International Study Tour (3 times):**

1. 2019 Participated in organizing the international study for 52 MBA students of GSIB and visited Singapore and Malaysia during Feb.17-23, 2019.
2. 2015 Participated in organizing the international study for 106 MBA students of GSIB and visited Srilanka during Feb.14-20, 2015.



3. 2012 Participated in organizing the international study for 145 MBA students of GSIB and visited Srilanka during Feb.14-21, 2012.

(c) Organized and coordinated GSIB Student Fest in 2013.

## Research Publications

### Research Area-Operations Research

1. S.Manoj Kumar and **R.Venkateswarlu**, Cloud Service Ranking using GRA, TOPSIS and SAW Techniques, Fourth International Conference on Electronics, Communication and Aerospace Technology (ICECA-2020), IEEE Xplore Part Number: CFP20J88-ART; ISBN: 978-1-7281-6387-1.
2. S.Manoj Kumar and **R.Venkateswarlu**, Data Envelopment Analysis for Checking Sustainable Efficiency in Cloud Computing Engineering, *Journal of Green Engineering*, Vol.10 (3), pp.868-881, 2020, <http://www.jgenng.com/volume10-issue3.php>
3. S.Manoj Kumar and **R.Venkateswarlu**, A Study on Evaluation Criteria for the Selection of the Cloud Among the Cloud Service Providers, *IOSR Journal of Engineering*, Vol.10(2), pp.38-48, 2020. [http://iosrjen.org/Papers/vol10\\_issue2/Series-2/E1002023848.pdf](http://iosrjen.org/Papers/vol10_issue2/Series-2/E1002023848.pdf)
4. **R.Venkateswarlu** and G.S.S.Bhishma Rao, Productivity Analysis of Indian Non-Life Insurance Firms Using Malmquist Total Factor Productivity Index, *International Journal of Operations and Quantitative Management*, Vol.25(2), pp.91-108, 2019. <https://www.ijoqm.org/june-2019-volume-25-number-2>
5. M.S.Reddy and **R.Venkateswarlu**, Optimal Inventory Policies for a Two-Warehouse Inventory Model under Time Dependent Quadratic Demand Rate, *Global Journal of Pure and Applied Mathematics*, Vol.14(8), pp.1011-1028, 2018. [https://www.ripublication.com/gjpam18/gjpamv14n8\\_01.pdf](https://www.ripublication.com/gjpam18/gjpamv14n8_01.pdf)
6. **R.Venkateswarlu** and M.S.Reddy, A Deterministic Inventory Model for Perishable Items with Price Sensitive Quadratic Time Dependent Demand Under Trade Credit Policy, *International Journal of Modern Engineering Research*, Vol.7 (1), pp.23-31, 2017. [https://www.ijmer.com/papers/Vol7\\_issue1/Version-2/C7122331.pdf](https://www.ijmer.com/papers/Vol7_issue1/Version-2/C7122331.pdf)
7. M.S.Reddy and **R.Venkateswarlu**, Perishable Inventory Models for Stock dependent Quadratic Demand under Inflation, *IOSR Journal of Mathematics*, Vol.12(2), pp.64-70, 2016, <https://www.iosrjournals.org/iosr-jm/papers/Vol12-issue2/Version-4/K1202046470.pdf>
8. **R.Venkateswarlu** and M.S.Reddy, Optimal Ordering Policies for Deteriorating Items with Controllable Deterioration Rate and Time Dependent Quadratic Demand, *International Journal of Applied Sciences and Engineering Research*, Vol.5 (1), pp.98-106, 2016.
9. G.S.S.Bhishama Rao and **R.Venkateswarlu**, A Study on Efficiency and Productivity of Indian Non-Life Insurers Using Data development Analysis, *International Journal of Applied Operations Research*, Vol.5 (3), pp.1-15, 2015.
10. **R.Venkateswarlu** and G.S.S.Bhishma Rao, A Mathematical Modelling Approach to Efficiency Ranking of Indian Non-life Insurance Firms using Super-Efficiency and Cross-Efficiency DEA Models, *IOSR Journal of Mathematics*, Vol.11(1), pp.72-79, 2015.

11. **R.Venkateswarlu** and G.S.S.Bhishma Rao, Efficiency of Indian Non Life Insurance companies using Stochastic Frontier Analysis, *IOSR Journal of Economics and Finance*, Vol.4(1), pp.42-46, 2014.
12. **R.Venkateswarlu** and M.S.Reddy, Time Dependent Quadratic Demand Inventory Models when Delay in Payments is Acceptable, *International Journal of Modern Engineering Research*, Vol.4(3), pp.60-71, 2014.
13. **R.Venkateswarlu** and R.Mohan, Inventory Management Model with Quadratic Demand, Variable Holding Cost with Salvage value, *Research Journal of Management Science*, Vol.3(1), pp.18-22, 2014.
14. **R.Venkateswarlu** and M.S.Reddy, Time Dependent Quadratic Demand Inventory Models Under Inflation , *Global Journal of Pure and Applied Mathematics*, Vol.10(1), pp.77-85, 2014.
15. R.Mohan and **R.Venkateswarlu**, Inventory Models for Time Dependent Deterioration, Time Dependent Quadratic Demand and Salvage Value, *Journal of Indian Mathematical Society*, Vol.81(1-2), pp.135-146, 2014.
16. **R.Venkateswarlu** and R.Mohan, Inventory Management Models with Variable Holding Cost and Salvage value, *IOSR -Journal of Business and Management*, Vol.12(3), pp.37-42, 2013.
17. **R.Venkateswarlu** and R.Mohan, An Inventory Model for Time Varying Deterioration and Price Dependent Quadratic Demand with Salvage Value, *Indian J. Computational and Applied Mathematics*, Vol.1(1), pp.21-27, 2013.
18. **R.Venkateswarlu** and R.Mohan Inventory Models for Deteriorating Items with Time Dependent Quadratic Demand and Salvage Value, *International Journal of Applied Mathematical Sciences*, Vol.5, No.1-2, pp.11-18, 2011.
19. **R.Venkateswarlu** and Ganti subrahmanyam, A Portfolio Theoretic Model of Sectoral Growth: Some Evidence for India, *The ICAI Journal of Applied Economics*, Vol.7 (2), pp.19-24, 2008.
20. **R.Venkateswarlu** and M.V.S.Kameswar Rao, On the Determinants of Foreign Direct Investments and Portfolio Inflows: A Cross Country Analysis, *ICFAI Journal of Applied Finance*, Sept 2004.Vol.10(9), pp.56-72, 2004.

### Conference Proceedings:

21. **R.Venkateswarlu** and M.S.Reddy, A Two-Warehouse Inventory Model with Controllable Deterioration Rate and Time Dependent Quadratic Demand Rate, AIMS-17, pp.1101-1110,. January, 2020
22. **R.Venkateswarlu** and M.S.Reddy, Production Inventory Model with Weibull Deterioration Rate, Time Dependent Quadratic Demand and Variable Holding Cost, AIMS-14, December 2016.
23. **R.Venkateswarlu** and M.S.Reddy, Price Dependent Quadratic Demand Inventory Models with Variable Holding Cost and Inflation Rate, AIMS-12, December 2015.
24. **R.Venkateswarlu** and R.Mohan, An Inventory Model for Time Dependent Quadratic Demand with Weibull Rate of Deterioration and Salvage Value, AIMS-10, Jan 2012.

### Research Area-Theoretical Physics

1. J.Satish and **R.Venkateswarlu**, LRS Bianchi Type-II String Model with variable Deceleration Parameter in  $f(R,T)$  Gravity, *The African Rev. Phys.*, Vol.14(0016), 116-124, 2019.
2. J.Satish and **R.Venkateswarlu**, Anisotropic Bianchi Type-VI<sub>0</sub> Two Fluid Cosmological Model Coupled with Massless Scalar Field and Time-Varying  $G$  and  $\Lambda$ , *Bulg.J.Physics*, Vol.46, 67-79, 2019.
3. **R.Venkateswarlu** and K.Sreenivas, Anisotropic Dark Energy Cosmological Models in Scale Covariant Theory of Gravitation, *Prespacetime Journal*, Vol.8(1), 71-79, 2017.
4. J.Satish and **R.Venkateswarlu**, Bulk Viscous Fluid Cosmological Models in  $f(R,T)$  Gravity, *Chinese Journal of physics*, Vol.54 (5), pp.830-838, 2016.
5. **R.Venkateswarlu** and J.Satish, Higher dimensional FRW String Cosmological Model with Bulk Viscous Quark and Strange Quark Matter in Lyra Manifold, *The African Rev. Phys.* Vol.10(0050), pp.411-425, 2015.
6. **R.Venkateswarlu** and J.Satish, Kantowski-Sachs, Interacting Holographic Dark Energy Model in Barber's Self Creation Theory, *J. Phys.Sci. & Envir. Studies*, Vol.1(5), pp.68-75, 2015.
7. **R.Venkateswarlu** and J.Satish, Kantowski-Sachs, Cosmological Models with Variable Displacement Vector in Lyra Geometry, *Prespacetime Journal*. Vol. 6(10), pp. 975-983, 2015.
8. **R.Venkateswarlu**,. LRS Bianchi, Type-I Dark Energy Models Based on Scalar Field, *Prespacetime Journal*, Vol.6(4), pp.305-312, 2015.
9. **R.Venkateswarlu** and J.Satish, Bulk Viscous Cosmic Strings Coupled with ZeroMass Scalar Field, *J. Adv. Phys.* Vol.4, No.2, pp.101-112, 2015.
10. **R.Venkateswarlu** and K.Sreenivas, Self Gravitating Plane Symmetric Domain Walls in Modified Theory of Gravitation, *The African Rev. Phys.*, Vol.9 (0047), pp.377-380, 2014.
11. **R.Venkateswarlu** and J.Satish, Behaviour of Brans-Dicke parameter in Generalised Chameleon Cosmology with Kantowski-Sachs Space-Time, *European Phys.J.Plus*, Vol.129, pp.275, 2014.
12. **R.Venkateswarlu** and J.Satish, Two Fluid FRW Inflationary Dark Energy Model Coupled With Mass Less Scalar Field, *Intl. J. Theor. Phys*, Vol.54, No.3, pp.1009-20, 2015.
13. **R.Venkateswarlu**, Kaluza-Klein Cosmological Model with Modified Chaplygin Gas in the Presence of Zero- Mass scalar Field, *Clifford Analysis, Clifford Algebra and Their Appl.*, Vol.4 (3), pp.241-247, 2015.
14. **R.Venkateswarlu**,. The LRS Bianchi Type-I Strings with Strange Quark Matter coupled with Zero-Mass Scalar Field *Prespacetime Journal*, Vol.5, No.13, pp.1398-1402, 2014.
15. **R.Venkateswarlu** and J.Satish, Bianchi Type-III Two-Fluid Cosmological Model Coupled With Zero Mass Scalar Field, *ICRAM Proceedings*, 2014.
16. **R.Venkateswarlu** and J.Satish, LRS Bianchi Type-I Inflationary String Cosmological Model in Brans-Dicke Theory of Gravitation, *Journal of Gravity*, Article ID 909374, 2014.
17. **R.Venkateswarlu** and J.Satish, Kaluza- Klein Cosmological Model with Two -Fluid Source in Brans-Dicke Theory, *ICRAM Proceedings*, 2014.

18. **R.Venkateswarlu** and K.Sreenivas, Anisotropic Bianchi Type-I Mesonic Cosmological Models with Two- Fluid Source, *Prespacetime Journal*, Vol.5, No.2 pp.69-76, 2014.
19. **R.Venkateswarlu** and J.Satish, Kantowski-Sachs Bulk viscous String Cosmological Models in the Presence of Zero-Mass Scalar Fields, *Intl. J. Theor. Phys.* , Vol.53, pp.1879-1895, 2014.
20. **R.Venkateswarlu** and K.Sreenivas, Anisotropic Bianchi Type-I and Type-II Bulk Viscous String Cosmological Models Coupled with Zero Mass Scalar Field, *Intl. J. Theor. Phys.* , Vol.53 pp.2051- 2064, 2014.
21. **R.Venkateswarlu** and K.Sreenivas, Cosmic Strings and Domain Walls with Kaluza-Klein Metric in Self-Creation Theory of Gravitation, *The African Rev. Phys.*, Vol.8 (0038) pp.257-261 2013.
22. **R.Venkateswarlu**, Kaluza-Klein Mesonic Cosmological Model with Two Fluid Source, *Prespacetime Journal*, Vol.4, No.8, pp.801-806, 2013.
23. **R.Venkateswarlu**, Cylindrically Symmetric Cosmic Strings in Scale Covariant Theory of Gravitation, *The African Rev. Phys.*, Vol.8(0035) Pp.233-237, 2013.
24. **R.Venkateswarlu** and J.Satish, Bianchi Type-VI String Cosmological Models in a new Scalar-Tensor Theory of Gravitation, *Prespacetime Journal*, Vol.4, No.4, Pp387-394, 2013.
25. **R.Venkateswarlu** and K.Sreenivas, Axially Symmetric Domain Walls and Cosmic Strings in Modified Theory of Gravitation, *Prespacetime Journal*, Vol.4, No.4, pp395-404, 2013.
26. **R.Venkateswarlu**, J.Satish, and K.Pavan Kumar,, Higher Dimensional FRW String Cosmological Models in a New Scalar-tensor Theory of Gravitation, *The African Rev. Phys*, Vol.8 (0026), pp.169-175 2013.
27. **R.Venkateswarlu** and J.Satish, LRS Bianchi Type-III Massive String Cosmological Models in Scalar-Tensor Theory of Gravitation, *Prespacetime Journal*, Vol.4, No.3 pp.321-332 2013.
28. **R.Venkateswarlu** and K.Sreenivas, , Kantowski-Sachs Strings Cosmological Model in the Presence of Zero-Mass Scalar Field, *Prespacetime Journal*, Vol.4, No.1 pp.59-64 2013.
29. **R.Venkateswarlu** and J.Satish, Kantowski-Sachs Strings Cosmological Models in Sen-Dunn Theory of Gravitation, *Prespacetime Journal*, Vol.3, No.12 pp.1182-1190, 2012 .
30. **R.Venkateswarlu** and J.Satish, Non-static plane symmetric inflationary Universe in scalar tensor theory, *Research in Astronomy and Astrophysics*, Vol.12, No.6, pp.636-642, 2012.
31. **R.Venkateswarlu** and J.Satish, Some Bianchi type-I Cosmic strings in a Scalar-Tensor Theory of Gravitation, *Electronic Journal of Theoretical Physics*, Vol.8, No.25, pp.1-8, 2011.
32. **R.Venkateswarlu** and K.Pavan Kumar, Plane Symmetric String Cosmological Models in Zero-Mass Scalar Fields, *International Journal of Theoretical Physics*, Vol.49, pp.1894-1898, 2010.
33. **R.Venkateswarlu**, VUM Rao, and K.Pavan Kumar, String Cosmological Solutions in Self-Creation Theory of Gravitation, *International Journal of Theoretical Physics*, Vol.47, pp.640-648, 2008.
34. **R.Venkateswarlu** and K.Pavan Kumar, Higher Dimensional FRW cosmological Models in Self-Creation Theory, *Astrophysics and Space Science*, Vol.301, pp.73-77, 2006.

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