

# ADITYA ENGINEERING COLLEGE (A)

## RESEARCH PUBLICATIONS DURING 2016-17

During the year 2016-17, Faculty have contributed 124 research papers.

**International Journals : 09**  
(with Impact Factor)

**International Journals : 05**  
(Scopus)

**International Journals : 34**  
(UGC List of Journals)

**International Conferences : 40**

**National Conferences : 18**

### International Journals (With Impact Factor)

1. M. V. Sambasiva Rao, S. Suresh , T. Narendrudu , A. Suneel Kumar, G. Chinna Ram, D. Krishna Rao “Spectroscopic Features of Copper Ions in Multi-Component Na<sub>2</sub>O-PbO-Bi<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub> Glass Ceramics” , Journal of Molecular Structure, Vol. 1125, July, 2016, pp.624-632.

( IF – 2.46, SJR -0.450, H – Index - 98)

<https://www.sciencedirect.com/science/article/abs/pii/S0022286016307438>

2. S. Suresh, T.Narendrudu, A. Suneel Kumar, M. V. Sambasiva Rao, D. Krishna Rao “Role of Nickel ion Coordination on Spectroscopic Properties of Multi-Component CaF<sub>2</sub>-Bi<sub>2</sub>O<sub>3</sub>-P<sub>2</sub>O<sub>5</sub>-B<sub>2</sub>O<sub>3</sub> Glass Ceramics” Optical Materials, Vol. 60, July, 2016, pp.67-73.

(IF – 2.779, SJR -0.594, H – Index - 98 )

<https://www.sciencedirect.com/science/article/abs/pii/S0925346716303597>

3. R.V.S.Lalitha, Jaya Suma, “A Hybrid Approach to Data Dissemination in Exigency Situations” Wireless Network, Vol. 22, No. 5, July,2016, pp. 1725-1737.

( IF – 2.659, SJR -0.480, H – Index - 85 )

[https://scholar.google.co.in/citations?user=HpOkNVEAAAAJ&hl=en#d=gs\\_md\\_cita-d&u=%2Fcitations%3Fview\\_op%3Dview\\_citation%26hl%3Den%26user%3DHPokNVEAAAAJ%26citation\\_for\\_view%3DHPokNVEAAAAJ%3AYsMSGLbcyi4C%26tzm%3D-330](https://scholar.google.co.in/citations?user=HpOkNVEAAAAJ&hl=en#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3DHPokNVEAAAAJ%26citation_for_view%3DHPokNVEAAAAJ%3AYsMSGLbcyi4C%26tzm%3D-330)

4. T. Narendrudu, "Spectroscopic and structural properties of Cr<sup>3+</sup> ions in lead niobium germanosilicate glasses" the Journal of Luminescence, Vol.183, Nov, 2016.  
(IF – 3.280, H-Index 110)  
[https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs\\_md\\_cita-d&u=%2Fcitations%3Fview\\_op%3Dview\\_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation\\_for\\_view%3D3cZibZcAAAAJ%3A9yKSN-GCB0IC%26tzom%3D-330](https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation_for_view%3D3cZibZcAAAAJ%3A9yKSN-GCB0IC%26tzom%3D-330)
5. G. Chinna Ram, "Physical and Spectroscopic features of cobalt ions in multi-component CaF<sub>2</sub> – ZnO – Bi<sub>2</sub>O<sub>3</sub> – P<sub>2</sub>O<sub>5</sub> glass ceramics" the Journal of Alloys and Compounds, Vol.699, Dec, 2016. ( IF 4.650, H-Index 145)  
[https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs\\_md\\_cita-d&u=%2Fcitations%3Fview\\_op%3Dview\\_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation\\_for\\_view%3D3cZibZcAAAAJ%3ATyk-4Ss8FVUC%26tzom%3D-330](https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation_for_view%3D3cZibZcAAAAJ%3ATyk-4Ss8FVUC%26tzom%3D-330)
6. A. Sunilkumar, T. Narendrudu, S. Suresh, M. V. Sambasiva Rao, G. Chinna Ram, D. Krishna Rao "Role of Titanium ions on the Physical and Structural Properties of Calcium Zinc Bismuth Phosphate Glass Ceramics" The Journal of Non-Crystalline Solids, Vol. 434, 2016, pp.62-70.  
( IF – 2.929, SJR -0.712, H – Index 135)  
<https://www.sciencedirect.com/science/article/abs/pii/S002230931530288X>
7. T. Narendrudu, S. Suresh, A. Suneel Kumar, M. V. SambasivaRao, P. SrinivasaRao, D. Krishna Rao "Spectroscopic and Dielectric Investigations on the Role of Molybdenum ions in Lead Niobium German silicate Glasses" The Journal of Non-Crystalline Solids, Vol. 442, 2016, pp.44-55.  
( IF – 2.929, SJR -0.712, H – Index 135)  
<https://ui.adsabs.harvard.edu/abs/2016JNCS..442...44N/abstract>
8. S. Suresh, T.Narendrudu, S. Yusab, A. Suneel Kumar, N. Veeraiah, D.Krishna Rao "Influence of Local Structural Disorders on spectroscopic Properties of Multi-Component CaF<sub>2</sub>-Bi<sub>2</sub> O<sub>3</sub>-P<sub>2</sub>O<sub>5</sub>-B<sub>2</sub>O<sub>3</sub> Glass Ceramics with Cr<sub>2</sub>O<sub>3</sub> as Nucleating Agent" Spectrochimica Acta Part A: Molecular and Bio-molecular Spectroscopy, Vol. 153, 2016, pp.281-288.  
( IF – 3.232, SJR -0.550, H – Index - 114)  
<https://www.sciencedirect.com/science/article/abs/pii/S1386142515301736>
9. G. Chinna Ram, "Investigation of Luminescence and Laser Transition of Dy<sup>3+</sup> ion in P<sub>2</sub>O<sub>5</sub> – PbO – Bi<sub>2</sub>O<sub>3</sub> – R<sub>2</sub>O<sub>3</sub> glasses" Optical Materials, Vol.66, Feb, 2017.  
(IF-2.72, H-Index 92)

[https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs\\_md\\_cita-d&u=%2Fcitations%3Fview\\_op%3Dview\\_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation\\_for\\_view%3D3cZibZcAAAAJ%3A2osOgNQ5qMEC%26tzm%3D-330](https://scholar.google.co.in/citations?user=3cZibZcAAAAJ&hl=en#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3D3cZibZcAAAAJ%26citation_for_view%3D3cZibZcAAAAJ%3A2osOgNQ5qMEC%26tzm%3D-330)

## International Journals (Scopus)

1. G. Naga Satish, G. N. srikath, P Suresh Varma “A Novel Scheduling Model for Resource Allocation in Cloud Computing” The International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 6, No. 7, July 2016, pp.107-111. (SJR-0.11, H-Index 5)
2. M. Sreenivasa Reddy, K. Mallikarjuna Rao, A. B Srinivasa Rao “A Novel Algorithm for the Generation of Distinct Kinematic Chain” The Journal of The Institution of Engineers (India) Series-C, Vol. 97, No. 3, July 2016, pp.1-10. (SJR – 0.34, H- Index 12)

<https://link.springer.com/article/10.1007/s40032-016-0281-6#:~:text=This%20paper%20proposes%20a%20novel,and%20multiple%20degree%20of%20freedom>

3. M. Srinivasu, “ Effect of Radiation on MHD Mixed Convection Flow past a Semi Infinite Vertical Plate.” ARPN Journal of Engineering & Applied Sciences, Vol. 11, Issue No. 23, Dec, 2016. (SJR - 0.52, H Index 27)  
[http://www.arpnjournals.org/jeas/research\\_papers/rp\\_2016/jeas\\_1216\\_5488.pdf](http://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_1216_5488.pdf)
4. V. Suryanarayana, “Purification and Characterization of Parthenium-Hysterophorus Flower Proteins that Exhibit Inherent Immunological Responses” International Journal of Green Pharmacy, Vol. 10, Issue 4, Oct-Dec, 2016. (SJR -0.13, H – Index - 20)

[https://www.researchgate.net/publication/309767816\\_Purification\\_and\\_Characterization\\_of\\_Parthenium\\_hysterophorus\\_flower\\_proteins\\_that\\_exhibit\\_inherent\\_immunological\\_responses](https://www.researchgate.net/publication/309767816_Purification_and_Characterization_of_Parthenium_hysterophorus_flower_proteins_that_exhibit_inherent_immunological_responses)

5. V.Suryanarayana, V.Praveen Kumar, T. Bhavana, B. Vijayalakshmi “Galectin-3 in Regulation of Inflammatory Responses Mediated by Lipopolysaccharide in Macrophages and Adipocytes Culture Systems” The International Journal of Pharmacy and Pharmaceutical Sciences, Vol.8, Issue 3, 2016. (SJR – 0.17, H-Index 41)

<https://innovareacademics.in/journals/index.php/ijpps/article/view/10447>

## International Journals (UGC)

1. B. Kameswara Rao, A. S. N. Chakravarthy, M Jagannadha Rao “A Study on Developing Groundwater Information System for Sustainable Management of Groundwater Resources- A Case Study from Visakhapatnam Urban Region” International Journal of Science & Research, Vol. 5, No. 5, June 2016.
2. B. Kameswara Rao, A. S. N. Chakravarthy, M Jagannadha Rao, G Raja Rao “Design of WSN based Water Quality Monitoring System in a Mining District” International Journal of Science & Research, Vol. 5, No. 6, June, 2016, pp.6.
3. Basheer Ali Sheik, K.L.V. Prasad, G.A. Arun Kumar, “Design and Analysis of ICE Bar Shaped Patch Antenna Parameter Using HFSS” The International Journal Of Science, Engineering & Technology Research (IJSETR), Vol. 5, No. 6, June 2016, pp. 1926-1930.
4. M. Srilakshmi, G. Suvarna Lakshmi “Enhancing Reading Skills with pre, while, post Reading Activities: A Case Study” The International Journal of Recent Scientific Research, Vol. 7, No. 7, July 2016, pp.12287-12291.
5. V.Suryanarayana, V.Praveen Kumar , T. Bhavana, V. B. S. C. Thurigintila, B. Vijayalakshmi “Detection of adulterated Radix valerian herb by FTIR spectroscopy and extraction solvent optimization for HPTLC fingerprinting” The Journal of Pharmacy Research, July, 2016.
6. R. Giri Prasad, “Indian Coal Mining Industry : Major Bottlenecks –Land, Forest/Environmental Clearances and Infrastructure” The International Journal of Advancement in Engineering Technology, Management and Applied Science, Vol. 3, Issue 7, July 2016.
7. M. Visweswara Rao, Ch. Jayaprakash “A Study on Design & Implementation of a Real Time Embedded System for Multiple Image Processing Applications” The International Journal of Research in Electronics & Communication Engineering, Vol. 4, No. 4, July-Aug, 2016, pp.1-3.
8. B. Surya Narayana Murthy, M. A. S. Srinivas, “Dynamics of Water Hyacinth in a Fishery System with Delay Effect” British Journal Of Mathematics & Computer Science, Vol. IB(2), No. BUMCS27141, August, 2016, pp.8(2)1-13.
9. S. Gopi, “Communication Barriers” Research Journal of English (RJOE), Vol.1, Issue 1, August, 2016.

10. K. V. S. Ramachandra Murthy, P. Sri Hari Datta Bhima Raju, "Optimal Sizing of Capacitors Using Harmony Search Algorithm with Limited Search Space" The International Journal of Emerging Trends in Electrical & Electronics, Vol. 12, No. 8, August 2016, pp.1-10.
11. R. Giri Prasad, "Pollution Due to Oil Spills in Marine Environment and Control Measures" IOSR Journal of Environmental Science, Toxicology, and Food Technology, Vol. 10, Issue 9, September, 2016.
12. S. Chaitanya, "Fractional Order PI Based STATCOM and UPFC Controllers to Diminish Sub Synchronous Resonance" the Springer Plus Journal Vol. 5, September, 2016.
13. G. Sridevi, S. Srinivasa Kumar "Image In painting Models Using Fractional Order Anisotropic Diffusion" International Journal of Graphics & Signal Processing, Vol. 8, No. 10, 5 Oct 2016, pp1-10.
14. M. S. N. Prasada Reddy, "Use of Renewable Energy in Exploration and Production of Hydro Carbons" The International Journal of Latest Technology in Engineering, Management and Applied Science, Vol. 5, Issue 10, October, 2016.
15. M. Srinivasa Reddy, "A Novel Index for the Rating of Kinematic Chains Using Residual Chain Index Value", the I-Manager's Journal of Future Engineering and Technology, Vol. 12, Aug-October, 2016
16. V. V. Kamesh, "A Novel Method to Detect Isomorphism in Epicyclic Gear Trains" the I-Manager's Journal of Future Engineering and Technology, Vol. 12, Aug-October, 2016.
17. M. Vasu Babu, S. Harish Babu, T. Narendrudu, Ch. Anjaneyulu "Alkaline Treatment Effect on Mechanical Properties of Tectona Grandis Wood Species" International Journal of Chemtech Research, Vol. 9, No. 05, 2016, pp.314-320.
18. S. Rama Sree, "An Insight of Big Data Analytics Using Hadoop" CSI Communications, Vol. 40, Issue 8, pp.37-39, November, 2016.
19. V. Suryanarayana, Praveen Kumar, V. T. Bhavana, V. B. S. C. Thurigintila, M. Anupama, B. Vijaya Lakshmi "Galectin-3 Attenuates Lipopolysaccharides-Induced Inflammation in Adipocyte and Macrophage Co-Culture System" The Asian Journal of Pharmaceutics, Oct-Dec 2016.

20. B. Yeswanta Raju, "Let Them Enjoy The Learning of Lingua Franca " The Research Journal of English Language and Literature, (RJELAL), Vol.4, Issue 4, Oct-Dec, 2016.
21. V. Suryanarayana, "Prevalence of KRAS Condon 12 Mutation in Patients with Oral Squamous Cell Carcinoma (OSCC) from South Indian Population " International Research Journal of Natural and Applied Sciences, Vol. 3, Issue 11, November, 2016.
22. S. Rama Sree, "An Insight of Big Data Analytics Using Hadoop", CSI Communications, Vol. 40, Issue 8, pp.37-39, November, 2016.
23. S. Khadar Bhasha, " Power Efficient High Speed Data Path Logic System Design", International Journal for Research & Development in Technology (IJRDT), Vol. 06, Issue 4, Nov- 2016.
24. G. Siva Shankar, " A Literature Survey on Security Preserving Public Checking for Regenerating Code Based Cloud Storage." the International Journal of Scientific Engineering and Technology Research (IJSETR), Vol. 05, Issue 48, Dec, 2016.
25. B. H. K. Bhagat Kumar, " Reduction in Dynamic Power of Digital Circuits by Guarded Evaluation." The International Research Journal of Engineering & Technology (IRJET), Vol. 03, Issue 12, Dec, 2016.
26. P. V. N. Acharyulu, " Synthesis and Liquid Crystalline Evaluation of New Benzo Quinone Esters", International Journal of Research and Scientific Innovation (IJRSI), Vol. 3, Issue No. 12, Dec, 2016.
27. P. S. S. R. Sujatha, " Traffic Sharing in a Computer Network using Numerical Techniques" , International Journal of Advanced Engineering & Research Development, Vol. 3, Issue No. 12, Dec, 2016.
28. V. Suryanarayana, "Lack of the BRAF <sup>V600E</sup> Mutation in Oral Squamous Cell Carcinoma" the Journal of Medical Sciences and Clinical Research, Vol. 4, Issue 12, Dec, 2016.
29. V. S. N. Ch. Dattu, " A Review on Explicit Equation of Flow of a Fluid with Various Mathematical Models for Estimating Pipe Roughness Index" the International Journal of Research and Innovation (IJRI), Vol. 04, Issue 1, 2017.

30. V. S. N. Ch. Dattu, "Influence of Spacing Ratio in Case of A Single Shell and Multi Tube Heat Exchanger – A Numerical Approach" International Journal of Research and Innovation (IJRI), Vol. 04, Issue 1, 2017.
31. B. N. V. Satish, "Classification of Thyroid Samples by Fuzzy Clustering Algorithms", International Electronic Journal of Pure and Applied Mathematics (IeJPAM), Vol. 11, Issue 1, 2017.
32. K. Lakshmi, "Optimization of Coagulant Dose in Drinking Water Supply of Victoria Water Works, Kakinada" International Journal of Emerging Technology & Research, Vol. 3, No. 1, January, 2017, pp.35-41.
33. D. Mrudula Devi, "LA – Semirings in which (S,.) is Anti Inverse Semigroup", International Journal of Engineering and Technology, Vol. 2, Issue 2, March, 2017.
34. N. Sujata, "An Advanced Method for Finding Optimal Solution of Assignment Problem" The International Journal of Science and Research, Vol. 5, Issue 4, April, 2017.

#### **International Conferences :**

1. B.N.V.Satish, G.Ganesan "A Comparative Study on the Connectives on Fuzzy and Intuitionistic Fuzzy Predicates Under Rough Computing", International Conference On Discrete Mathematics, SIT, Tumakuru, Karnataka, 9- 11, June 2016.
2. V.S.N.Ch.Dattu, V. Pragna "FEM Analysis on IC Engine Connecting Rod Material with Optimized Design" The International Conference on Natural/Applied Sciences, Environment Engineering & Clean Energy Technologies for Sustainable Development (SYNERGY -2016), JNU, New Delhi, 4 June 2016.
3. V.Satyanarayana, S.B.G. Tilak Babu, Ch Srinivasa Rao "Shift Invariant and Eigen Feature Based Image Fusion" International Conference on Electronics Communication Engineering – 2016(ICECE- 2016)at UCEV, JNTUK, 29 - 30 July 2016.
4. D.Kishore, S. Srinivasa Kumar, Ch. Srinivasa Rao "Content Based Image Retrieval Using Gray Level Co-Occurrence Matrix with SVD & Local Binary Pattern" The International Conference On Electronics & Communication Engineering, UCEV, JNTUK, 29 - 30 July 2016.
5. R.V.V.Krishna, S. Srinivasa Kumar "Colour Image Segmentation Using Soft Rough Fuzzy-C-Means & Multi Class SVM" The International Conference on Electronics and Communication Engineering, JNTUK, UCEV, Vizianagaram, 29 -30 July 2016.

6. M.Kiranmai, M. Srilakshmi “Female Chauvinism in Third World Nations” The International Conference on Innovations in the Teaching of English Language and Literature, VIT University, 12-13 August 2016.
7. R.Lalitha, P. Sudheshna “A Novel Geometric Private Model for Video Recommendation with Multimedia Big Data” The2<sup>nd</sup> International Conference on Technical Advancements In Computer Science & Engineering (ICTACSE- 2016), Malla Reddy Engineering College for Women, 19- 20 Aug 2016.
8. R.Lalitha, P. Sudheshna “Efficient Algorithms for Top-K Qualified Query over XML Data” The2<sup>nd</sup> International Conference on Technical Advancements In Computer Science& Engineering (ICTACSE- 2016) , Malla Reddy Engineering College for Women, 19 – 20, Aug 2016
9. B. Santoshi, “PPFVRP : Optimal Meeting Location Determination on Mobile Devices” The 2<sup>nd</sup> International Conference On Technical Advancements in CSE, MREC for Women, Secunderabad, 19-20 August, 2016.
10. T. Neelima, “Integration of Language Skills in Teaching” 4<sup>th</sup> International Conference on Teaching English Language and Literature, Sri Rama Engineering College, Tirupati, 26- 27, August, 2016.
11. Mr.B.R.S.S.Raju,G. NagaSatish “Pioneering Technique for Averting Congestion Occurrences by Unsystematic Padding”, ICACC-2016, Shri Vishnu Engineering College For Women, Bhimavaram,20-22 October, 2016.
12. Ch.Prasada Rao, S. Rama Sri “An Early Stage Effort Estimation from Enhanced Use Case Point Analysis Using Adaptive Neuro Fuzzy Inference System” The International Conference On Advanced Computing & Communications (ICACC-2016), Shri Vishnu Engineering College For Women, Vishnupur, Bhimavaram, 20-22 October 2016.
13. Palla Nanna Babu, A. Vinaya Babu “Preserving Privacy in Set Valued Data Using Collaborative Publishing Scheme with Sensitive Data hiding” The International Conference on Advanced Computing & Communications (ICACC-2016), Shri Vishnu Engineering College For Women,Bhimavaram, 20-22 October 2016.
14. R.V.V.Krishna, S. Srinivasa Kumar “Computer Vision Based Identification of Nitrogen & Potassium Deficiency in FCV Tobacco” TheInternational Conference on Computational Science & Engineering, RCC Institute of Information Technology, Kolkata 4-6 Oct 2016.
15. D.V.Ravi Kumar, G. Naga Satish “A Literature Study of Image Segmentation Techniques for Image” The International Conference On Advanced Computing & Communications (ICACC-2016), Shri Vishnu Engineering College For Women, Bhimavaram, 20-22 October 2016.



16. K. Devi Priya, "Novel Hash Based Key Generation for Stream Cipher in Cloud" The 3<sup>rd</sup> International Conference on Computer and Communication Technology (IC<sup>3</sup>T), at MIC College of Technology, Vijayawada, 5-6 November, 2016.
17. K. V. S. Ramachandra Murthy, "A Novel Approach for Estimation of Number of Agricultural Pumps" The 1<sup>st</sup> International Conference on Green Power Technology in Power grid, (ICGPTPG) at SVU College of Engineering, Tirupati, 16-18 November, 2016.
18. N. S. V. N. Raju, "A Study on Investor's Attitude Towards Investment in Equity Stocks with Reference to Visakhapatnam District, A. P. " The International Conference on Sustainable Growth, Innovation and Revolution in the New Millennium, Kochi, Kerala, 7 - 8 November, 2016.
19. Rayudu Srinivas, Sk. Vahida, K. A. Sireesha "Publishing Personal Information by Preserving Privacy in Vertically Partitioned Distributed Databases" ICCIDM,KIIT University, Bhubaneswar, 10-11 December, 2016.
20. Adireddy Ramesh, "Modelling and Analysis of 11 Level Hybrid H-Bridge Multilevel Inverters with Minimum Number of Switches." , The 2<sup>nd</sup> International Conference On Smart Electric Grid, 22-23, Dec, 2016, K.L. University.
21. B. S. N. Murthy, "The Dynamics of Prey-Predator Allelopathic Model with Delay in Harvesting " ICMSEA, BITS, Visakhapatnam, 23-25, December2016.
22. K. R. K. V. Prasad, "A Multi-Objective Approach for Optimal DG & Capacitor Placement" ICSEG-2016, KL University, Guntur, 22-23 December, 2016.
23. B. N. V. Satish, "Rough Computing through Two Thresholds on Fuzzy Predicates" The International Conference of IMC 2016, at Banaras Hindu University, Varanasi, 14th – 17th December, 2016.
24. S. B. G. Tilak Babu, "Texture and Steerability based Image Authentication" the 11<sup>th</sup> International Conference on Industrial and Information Systems (ICIIS 2016), at IIT, Roorkee, Uttarakhand, 3<sup>rd</sup> – 4<sup>rd</sup> December, 2016.
25. V. Suryanarayana,"Environmental Impact Assessment of Municipal Solid Waste Incineration based Waste-to-Energy Technology Enabled Power Plants in Vemagiri, Rajahmundry, Andhra Pradesh", The International Conference on Environmental Conservation and Human Health-Challenges and Strategies, at S V University, Tirupati, 21 - 23 December 2016.

26. M. V. Rajesh, "A Novel Framework for Detection of Routing Fault in MANET Using 2ACK" The International Conference on Research Advancements in Computer Science and Communication 2016, at B V Raju Institute of Technology, Narasapur, Medak, 29 - 30 December, 2016
27. T. Sudha Rani, "A Brief Review of Deep Learning Architectures involving Protein Sequence Classification" The International Conference on Research Advancements in Computer Science and Communication 2016, at B V Raju Institute of Technology, Narasapur, Medak, 29 - 30 December, 2016
28. Ch. Prasada Rao, "Effort Estimation Based on Story Points in Agile Approaches: A Systematic Literature Review" The International Conference on Research Advancements in Computer Science and Communications-16 [ICRACSC-2016], at BVRIT Engineering College, 29<sup>th</sup> – 30<sup>th</sup> December, 2016.
29. B. Kameswara Rao, "Mobile GIS in Groundwater Pollution Monitoring Application" The International Conference on Research Advancements in Computer Science and Communication 2016, at B V Raju Institute of Technology, Narasapur, Medak, 29 - 30 December, 2016.
30. N. S. V. N. Raju, "A Study on Investor's Attitude Towards Investment in Equity Stocks with Reference to East Godavari, West Godavari and Vijayawada Districts, A. P ", The International Conference on Sustainable Computing Techniques in Engineering, Science and Management, Belagavi, Karnataka, 27 - 28 January, 2017.
31. M. Anil Kumar, "Leaf Classification Using Completed Local Binary Pattern of Textures" 7<sup>th</sup> IEEE International Advance Computing Conference IACC-2017, VNR Vignana Jyothi Institute of Engineering and Tech., Hyderabad, 5- 7<sup>th</sup> January, 2017.
32. G. Chinna Ram, "Physical and Spectroscopic properties of multi component  $\text{CaF}_2 - \text{Bi}_2\text{O}_3 - \text{P}_2\text{O}_5 - \text{B}_2\text{O}_3$  glass ceramics doped with CuO as Nucleating Agent" The International Conference on Advances in Glass Science and Technology 2017, at CSIR – Central Glass & Ceramic Research Institute, Kolkata, 23 - 25 January, 2017
33. T. Narendrudu, "Role of Tungsten Ions on the Structural and Spectroscopic properties of Lead Niobium Germanosilicate Glasses" the International Conference on Advances in Glass Science and Technology 2017, at CSIR – Central Glass & Ceramic Research Institute, Kolkata, 23 - 25 January, 2017

34. M. Srilakshmi, "Marriage in the Select Novels of Anita Desai, Bharati Mukherjee and Sasi Deshpande." Presented in The Three Day International Conference on Common Wealth Literature, 16<sup>th</sup> – 18<sup>th</sup> February, 2017.
35. S. Chaitanya, "A Novel Seven Level Symmetrical Multilevel Topology" Presented in the 3<sup>rd</sup> International Conference on Advances in Electrical, Electronics, Information, Communication and Bio Informatics (AEEICB 17), at IIT Roorkee, Uttarakhand, 27 – 28<sup>th</sup> February, 2017.
36. K. Siva Koteswara Rao, "Experimental Investigations for optimal combination of tool and machining parameters for machining Titanium TI-6AL-4V using CBN inserts with RSM method." The 2<sup>nd</sup> International Conference On Recent Trends in Science, Technology and Management (ICRTSTM-2017) 27-28, Feb, 2017, V.S Lakshmi Engineering college for Women, Kakinada.
37. M. Sarat Chandra prasad, "A Critical review on Syntactic Foam - The Future Material" The 2<sup>nd</sup> International Conference On Recent Trends in Science, Technology and Management [ICRTSTM-2017], 27<sup>th</sup> -28<sup>th</sup>, Feb, 2017, V. S. Lakshmi Engineering college for Women, Kakinada.
38. P. V. N. Acharyulu, "Reverse Osmosis Technology for the Treatment of Waste water generated from the preparation of Bisphenols " The 2<sup>nd</sup> International Conference On Membrane Technology and Its Applications (MEMSEP-2017), 21-23, Feb, 2017, NIT Trichy.
39. S. Aruna Kumari, "Synthesis of Nano Metal Complexes and their Role in Anti Cancer Activity" The International Conference on Recent Trends in Science, Technology and Management (ICRTSTM – 2017) at V. S. L. Engineering College, 27<sup>th</sup> – 28<sup>th</sup> February, 2017
40. V.Srinivasa Rao, "Optimal Placement of STATCOM Using Two Stage Algorithm for Enhancing Power System Static Security." The International Conference on Power Engineering Computing and Control [PECCON-2017], at VIT University-Chennai, 2<sup>th</sup> – 4<sup>th</sup> March, 2017.

## National Conferences ::

1. B.N.V.Satish, G. Ganesan “Rough Approximated Connectives on Fuzzy Predicates using Two Thresholds”, 31<sup>st</sup> Annual Conference of The Ramanujan Mathematical Society, National College, Tiruchirapalli, 18–21 June, 2016.
2. M. Sreenivasa Reddy, K. Mallikarjuna Rao, A.B.Srinivasa Rao “An Innovative Approach towards Structural Comparison of Kinematic Chains”, Technological Advancements in Mechanical Engineering (TAME- 16), JNTUK, Kakinada, 22-23 July, 2016.
3. V.Srinivasa Rao, K. Mallikarjuna Rao, A. B. Srinivasa Rao “A Fuzzy Logic Approach towards Finding Distinct Inversions of a Kinematic Chain”, Technological Advances in Mechanical Engineering (TAME- 16), JNTUK, Kakinada, 22 -23 July, 2016.
4. V.Venkata Kamesh, K. Mallikarjuna Rao “A Novel Approach to Detect Isomorphism in Geared Kinematic Chains”, Technological Advances in Mechanical Engineering (TAME-16), JNTUK, Kakinada, 22- 23 July, 2016.
5. V.S.N.Ch.Dattu, V. Pragana “Review on Conditional Residual Life Detection of Various Rotating Elements Using Infrared Thermography”, Technological Advancements in Mechanical Engineering (TAME- 16), JNTUK, Kakinada, 22 - 23 July, 2016.
6. Devadas Deepu, K. Vijay “CFD Simulation of Radiator for Heat Transfer Enhancement using Nano-Fluids Based Coolant in Automobiles” 2 Day National Technological Advancements In Mechanical Engineering (TAME-16), JNTUK, Kakinada, 22 -23 July 2016.
7. S. Aruna Kumari, “ Nano-Particulate Materials for Engineering Applications” Two Day National Seminar on Applications of Nano-materials in Energy and Environment, ASD Government Degree College for Women, Kakinada, 17-18 August, 2016.
8. S. Aruna Kumari, “ Nano-Particulate Materials for Engineering Applications” Two Day National Seminar on Applications of Nano-materials in Energy and Environment, ASD Government Degree College for Women, Kakinada, 17-18 August, 2016.
9. Ms. P. Hemalatha, “Strategies to Reduce Stress and Increase Productivity in the Life” , National Seminar on Work Life Management in the Era of Globalization, Adikavi Nannaya University, Rajahmundry, 20 -21 December 2016.
10. M. Srilakshmi, “Ambedkar and Buddhism” The National Seminar on Impact of Ambedkarism on Indian Reality, at Andhra Layola College, Vijayawada, 3<sup>rd</sup> – 4<sup>rd</sup> December, 2016.
11. Mr. G. Venkata Ramana, “Two Point Boundary Value Problem of Matrix Integro-Differential Equation of Volterra Type on Time Scales” National Conference on Recent

Developers in Mathematical Sciences and their applications to Science and Technology at Vignana Bharathi Institute of Technology, Hyderabad, 11 - 13 December, 2016.

12. S. B. G. Tilak Babu, "Stationary Wavelet Transform and Principle Component Analysis based Image Fusion" the National Symposium on Trends in Electronics and Telecom (TREAT – 17) At NIT, Warangal, 17 – 18<sup>th</sup> February, 2017.
13. P. V. N. Acharyulu, "Synthesis and Antimicrobial Evaluation of some new Ethyl 2-Substituted Amino Tetra-hydroquinazoline Carboxylates, National Seminar on Recent trends and Challenges in Chemical Sciences[RTCCS], held at Kakatiya University, 24<sup>th</sup> - 25<sup>th</sup> March 2017.
14. M. Sarat Chandra Prasad, "Extraction of Biodiesel from Vegetable OILs : A Promising Alternative Fuel - A Critical Review. " the National Seminar on Renewable Energy Technology : Future, Opportunity & Challenges for India (RET:FOAC-2017) held at Canter for PG Studies V.T.U Mysore., 09<sup>th</sup> - 10<sup>th</sup> March 2017.
15. D. Srinivasarao, "Organized Method – A Tool To Improve LSRW Skills In ELT" National Conference on NEW Perspectives in English Language Teaching [NPELT-2017], Hindustan University, Chennai, 30-31 March, 2017.
16. G. Uma Mahesh, "Security and Secrecy Sentinel on Data Centric Approach in Cloud Computing" the National Conference on Emerging Trends in Computing (NCETC – 17) At GIET, Rajahmundry, 7<sup>th</sup> – 8<sup>th</sup> April, 2017.
17. G. Uma Mahesh, "A Hybrid Heuristic Algorithm to Enhance Load Balancing in Cloud Environment" the National Conference on Emerging Trends in Computing (NCETC – 17) At GIET, Rajahmundry, 7<sup>th</sup> – 8<sup>th</sup> April, 2017.
18. K. Devi Priya, "Quality Analysis of Education with Regression Analysis Models using R" the National Conference on Emerging Trends in Computing (NCETC–17), GIET, Rajahmundry, 7<sup>th</sup> – 8<sup>th</sup> April, 2017.