

**Aditya College of Engineering,
Surampalem**
**Papers published/presented by Faculty in
Journals/Conferences/Patents**

Publications: 2021-22

International Journals (SCI/WoS/Scopus)	62
International Journals (UGC Approved)	00
National Journals	-
International Conferences(Scopus/WoS)	29
International Conferences	0
National Conferences	-01
Patents	16
Total	108

International Journals (SCI/WoS/Scopus):

1. V.V. Kamesh, D.V.S.S.S.V. Prasad, P.S. Ranjit, V. Srinivasa Rao,” A numerical approach to find distinct mechanisms of a planar kinematic chain using linkage coordinates”,PP1347-1357, Springer’s LNME, ISSN 978-981-16-2794-1

https://link.springer.com/chapter/10.1007/978-981-16-2794-1_114

2. S Yesmin, M Devi, I Hussain, R Dasgupta, S Dhar , “In-situ grafting of Au and Cu nanoparticles over graphitic carbon nitride sheets and unveiling its superior supercapacitive performance as a hybrid composite electrode material”,vol 44 Journal of Energy Storage ISSN:2352-152X

<https://doi.org/10.1016/j.est.2021.103308>

3. Dr. B Kiran Kumar ,K Swaroopa, “Security tags”, International Journal of Computer Sciences and Engineering ,ISSN: 2347-2693

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4. Yarrapragada K. S. S. Rao,Ayaz Ahmad, Sudheer Kumar Battula, Reem Mohammed Alharbi, “Processing and Properties of Advanced Fiber Reinforced Polymer Matrix Composites”, vol2022 PP 9-18 Advances in polymer thechnology,ISSN: 0730-6679

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5. V. Kirubakaran ,1 D. M. D. Preethi,2 U. Arunachalam,3 Yarrapragada K. S. S. Rao, “Infrared Thermal Images of Solar PV Panels for Fault Identification Using Image Processing Technique”,vol2022 PP1-10, journal journal of photoenergy ISSN:1110-662X

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8. D. V. S. S. V. Prasad,”Mechanical Properties of Ramie/Hemp Hybrid Composites Influenced by Stacking Arrangement and NaOH Treatment”,vol Advances in Polymer Technology ISSN: 1098-2329

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9. Dr. B. Annapurna, “The Element of Emotional Intelligence and their Impact on Social Relation”, vol15,issue 03,pp 4303-4309,International Journal of Early Childhood Special Education,ISSN : 1308-5581

<https://www.int-jecse.net/data-cms/articles/20220507124317pm555.pdf>

10. Dr. B. Annapurna, “Proposing a reliable method of securing and verifying the credentials of graduates through blockchain”vol ,EURASIP Journal on Information Security, ISSN:2510-523X

<https://jis-urasipjournals.springeropen.com/articles/10.1186/s13635-021-00122-5>

11. Dr. B. Annapurna, “Air Pollution: Effect on Human Health and Live Reporting Using IOT Technology”,Vol32,Issue 03,pp 95-101Turkish Journal of Physiotherapy and Rehabilitation,ISSN: 2651- 4451

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12. Dr. B. Annapurna, “PeltierRadiator: TheSmart Heating/Cooling System for Vehicles with IOT Reporting”,Vol32,Issue 03,pp 2489-2496,Turkish Journal of Physiotherapy and Rehabilitation,ISSN: 2651- 4451

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14. Mr. U.P.Kumar, Mr.K.Manoz Kumar Reddy, P.Ramachandra Murthy, "Energy management system for hybrid electrical vehicle using a bidirectional dc/dc converter using fuzzy logic controller",vol 8,Issue 12,International Journal of Emerging Technologies and Innovative Research, <https://www.jetir.org/papers/JETIR2112100.pdf>

15. Mr. U.P.Kumar, Mr.K.Manoz Kumar Reddy, T.B.Durga Srinivas, "Improvement of power quality in residential home using flc based multilevel inverter", , Volume 8, Issue 12, PP B1-B6, Journal of Emerging Technologies and Innovative Research, SSN-2349-5162, JETIR.ORG

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16. M.Satyanarayana Raju, Joopudi Gireesh, "Power Factor Improvement in Rectifier Based Electric Vehicle Charger and Harmonic Reduction", The International journal of analytical and experimental modal analysis, VOL:8 , ISSUE: 1, PP NO: 1162-1169 The International journal of analytical and experimental modal analysis ISSN NO:0886-9367

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17. TS Karthik*, NR Dinesh Babu, R Raman, G Meenakshi Sundaram, P Selvaraju and Kukatlapalli Pradeep Kumar, "Evaluate and Design the Mini-Hexagon-Shaped Monopole Antenna Controller to Minimize Losses in the Unit", VOL:10 , ISSUE:9 , PP NO: 1-10, Journal of Nuclear Energy Science & Power Generation Technology, ISSN NO:2325-9809

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18. TS Karthik*, NR Dinesh Babu, R Raman, G Meenakshi Sundaram, P Selvaraju and Kukatlapalli Pradeep Kumar, Ionic Liquid-Multi Walled Carbon Nanotubes-l-lysine Modified Glassy Carbon Electrode for Detection of Prednisolone, VOL: 362 , ISSUE: 1, Journal of Molecular Liquids, ISSN NO: 0167-7322

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19. M. Sree Chandana, K. Raghava rap, D. Sateesh Kumar, G. Balaji Prakash, Energy-efficient routing transmission for IoT based wireless body sensor network for health care monitoring system, VOL:6 , ISSUE:1 , International journal of Health sciences, ISSN No: 2550-6978

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20. Jyothi Budida, Dr.Kamala Srinivasan, Non-Uniform Amplitude Distribution of Circular array with Beam Steering , VOL:50 , ISSUE:3 , Journal of Huazhong University of Science and Technology, ISSN No :1671-4512
21. Jyothi Budida, Dr.Kamala Srinivasan, Optimized Non-Uniform circular Array Design Using SGOA VOL:12 , ISSUE:3 , PP NO: 5229-5240, Turkish Online Journal of Qualitative Inquiry, ISSN No :1309-6591 ,
[Optimized Non Uniform Circular Array Design Using SGOA | Turkish Online Journal of Qualitative Inquiry \(tojqi.net\)](#)
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24. D.Anjani suputridevi, CH.Satyanarayana, M.Kishore Kumar, Facial Emotions recognition system for tested images by using navie bayes classification, VOL:20, ISSUE:11 , PP NO: 2529-2534 , Advances and Applications in Mathematical Sciences, ISSN:0974-6803
https://www.mililink.com/issue_content.php?id=59&iId=389&vol=20&is=11&mon=September&yer=2021&pg=2487-2985
25. N.Anand rao,M.Kishore Kumar, V.Subrahmanyam Gandhi Wideband antenna array for C Band applications Design Engineering ISBN : 0011-9342

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26. Ashutosh Kumar Singh , SVN Sreenivasu , U.S.B. K. Mahalaxmi , Himanshu Sharma , Dinesh D. Patil , and Evans Asenso Hybrid Feature-Based Disease Detection in Plant Leaf Using Convolutional Neural Network, Bayesian Optimized SVM, and Random Forest Classifier VOL: 2022, ISSUE: , PP NO: 1-16 Journal of food quality ISSN : 0146-9428

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27. U.S.B. K. Mahalaxmi, Kishan Bhushan, R.Sabitha, Abdul Haleem, Probjot Kaur Using Electro encephalogram Classification in a convolutional network, infer privacy on health care internet of things 5.0 VOL: 39, ISSUE:6 , PP NO: Expert Systems ISSN: 1468-0394
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28. RAMA KRISHNA, SALEEM SRIKANTH, UPPULURI PRAVEEN KUMAR Durability studies on high strength concrete using low water absorption percentage of Ground Granulated Blast-furnace Slag (GGBS) vol: 2022 ISSN: 2636174 adsoption science and technology
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29. swamy nadh, natrayan, rama krishna, nitesh knj Structural behavior of nanocoated oil palm shell as coarse aggregate in lightweight concrete journal of nanomaterials vol: 2021 ISSN: 1687-4129
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31. Ramakrishna Guttula, Venkateswara Rao Nandanavanam & Vella Satyanarayana “Design and Optimization of Microstrip patch Antenna via Improved Metaheuristic Algorithm” Wireless Personal Communications volume 120, ISSN: 1572-834X
<https://link.springer.com/article/10.1007/s11277-021-08531-y>
32. D.V.S.S.S.V. Prasad, “A novel approach to find optimum group replacement period” Materials Today: Proceedings , volume 26, 2021 , ISSN: 2214-7853
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35. Marxim Rahul Bharati, D.V.S.S.S.V. Prasad, “Teacher’s perspective about Online Teaching-Learning”, Research Journal in Science, Engineering and Technology (IARJSET) volume 8,issue 8 ,2021

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38. A. Ramesh, Kunche Nanibabu, M Ravindra, KVS Ramachandra Murthy, “Design of sliding mode controller for induction motor drive”, Materials Today: Proceedings, volume 56,part 6,2022,ISSN: 2214-7853.

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44. Dr.T.Ram Reddy, P.V.G.D.Prasada Reddy, Dr.R.Srinivas, Ch.V.Raghavendra, Dr.B.Annapurna “Proposing A Reliable Method of Securing Verifying the Credentials of Graduates Through Block Chain” CSE Journal EURASIP Journal on Information Security ISSN:2510-523X
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62. Yarrapragada K. S. S. Rao,¹ C. Sowmya Dhanalakshmi,² Dinesh Kumar Vairavel,³ Raviteja Surakasi,⁴ S. Kaliappan,⁵ Pravin P. Patil,⁶ S. Socrates,⁵ and J. Isaac Joshua Ramesh Lalvani “Investigation on Forestry Wood Wastes: Pyrolysis and Thermal Characteristics of Ficus religiosa for Energy Recovery System” Mech Journal Advances in Materials Science and Engineering April 2022,ISSN: 1687-8442.
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