**Aditya College of Engineering & Technology**

**Papers published by Faculty in Journals/Conferences**

**Publications: 2022-23**

# International Journals (With Impact Factor)

1. Vino T., Sivaraju S.S, **Krishna R.V.V**.,Karthikeyan T,Sharma, Yogesh Kumar, Venkatesan K.G.S.,Manikandan G.Selvameena R.Markos, Mebratu, Multicluster Analysis and Design of Hybrid Wireless Sensor Networks Using Solar Energy, International Journal of PhotoenergyOpen AccessVolume 2022, 1110662X

[IF-2.53, SJR-0.4, H-Index-61]

https://www.scopus.com/record/display.uri?eid=2-s2.0-85140844529&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=bad01089f718d5b6fb5858a82750a728&sot=aff&sdt=sisr&sl=62&s=AF-ID%28%22Aditya+College+of+Engineering+and+Technology%22+60253272%29&ref=%28International+Journal+of+Photoenergy%29&relpos=2&citeCnt=0&searchTerm=

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9525768/

1. T. Vino, S. S. Sivaraju, **R. V. V. Krishna**, T. Karthikeyan, Yogesh kumar Sharma, K. G. S. Venkatesan, G. Manikandan, R. Selvameena and Mebratu Marko, Multicluster Analysis and Design of Hybrid Wireless Sensor Networks Using Solar Energy, International Journal of Photoenergy, Q2, Dec 2022.

[IF –2.53, SJR .41–0, H – Index -56]

https://www.hindawi.com/journals/ijp/2022/1164613/

1. Rajendra Kumar B, Soundarajan S, Sushma V S, C Anand Deva D**, R Anil Kumar**, Kalmesh Singh, Hemanth P, B Rajesh Kumar and Baru D, Enhanced Path Routing with buffer allocation method using coupling node selection algorithm in MANET, Wireless Communications and Mobile Computing, Vol 2022

[IF-2.146 , SJR-0.45 , H-Index-69]

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85135261444&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=6a55e6d2b3945f6d0c0019c15a2beefd&sot=aff&sdt=sisr&sl=62&s=AF-ID%28%22Aditya+College+of+Engineering+and+Technology%22+60253272%29&ref=%28Enhanced+Path+Routing+with+buffer+allocation+method+using+coupling+node+selection+algorithm+in+MANET%29&relpos=0&citeCnt=1&searchTerm>=

1. Vijay, Shams Tabrez Siddiqui, Ritu, **R Anil Kumar**, Avinash Kumar, S. Umamaheswara Rao, Narahari D, Y Venkatewara Reddy, Intertwine Connection-based routing path selection for data transmission in mobile cellular networks and wireless sensor networks, Wireless Communications and Mobile computing, vol2022.

[IF-2.146 , SJR-0.45 , H-Index-69]

https://www.hindawi.com/journals/wcmc/2022/8398128/

# International Journals (Scopus)

1. Yedukondalu, Udara, Arunachalam, Vinod, **Bolisetty, Vasudha Vijayasri**., Samy, Ravikumar Guru Fully synthesizable multi-gate dynamic voltage comparator for leakage reduction and low power application, Indonesian Journal of Electrical Engineering and Computer Science, Volume 28, Issue 2, Pages 716 – 723, November 2022.

[SJR-0.27, HINDEX-31]

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85139288090&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=1709954b504c5674b530b508bb70627a&sot=aff&sdt=sisr&sl=15&s=AF-ID%2860253272%29&ref=%28INDONESIAN%29&relpos=0&citeCnt=0&searchTerm>=

**International Conferences (Scopus)**

1. Kranthi M, **I Ramesh Raja**, Dr.Md. Firose Shaik, Speed Breaker Power Generation Mechanism, International Conference on Recent developments in Electronics and Communication Systems(RDECS-2022),July 22-23, 2022.
2. Dr.Md. Firose Shaik, **I Ramesh Raja**, Kranthi M, An analysis of wireless body area network simulation tools, International Conference on Recent developments in Electronics and Communication Systems(RDECS-2022), July 22-23, 2022.
3. Dr.K.Meenakshi, **Dr.D.Kishore**, Parkinsons Disease Classification using Machine Learning Algorithms, ICCCI-2023, Sri Shakthi Institute of Engineering and Technology, Coimbatore, 23-25 Jan 2023.
4. Rao, E. Jagadeeswara, Krishna, K. Murali, Khasim, Md.,**Anjaiah T.,** Study of Architecture and Performance Analysis of Approximation Multipliers, Lecture Notes in Electrical Engineering Volume 838, Pages 11 - 182022 6th International Conference on Microelectronics, Electromagnetics, and Telecommunications, ICMEET 2021Bhubaneswar August 2021through August 2021Code 275939
5. Dr. Amit Jaykumar Chinchawade, **Dr.R.Anil Kumar**, S.Rajyalaxmi, Dr. Shashank Singh Scheduling in multi-hop wireless networks using a distributed learning algorithm, ICOEI 2023, SCAD College of Engineering, Tamil Nadu11-13, April 2023, Tirunelveli,
6. **V.Preethi**,A.N.S.S.L.Sahiti , V.J.S.Sushma , M.Sandeep Kumar , A.Srikanth, Identification of Currency by using Artificial Intelligence(SVM Algorithm),IICI 2023, Nalanda, BEL Academy of Excellence, Bengaluru, 3-5 May 2023