



# VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### PATENTS PUBLISHED DETAILS

| Sl. No. | Name of the faculty     | Title of the Article  | Name of the Journal/Book/ Book chapters (Full Name)                                 | Scopus/SCI/UGC listed & ISSN NO.                      | Submitted / Published | Year, Volume & issue                 |
|---------|-------------------------|---|---|---|-----------------------|--------------------------------------|
| 1.      | Dr.D.Sathiya<br>HoD/IT  | A GS Optimized CMBERS+<br>To Minimize Broadcast<br>Expenses In MANETs   | Asian Journal Of<br>Research In Social<br>Sciences And Humanities                   | ISSN:<br>2249-<br>15(ONLINE)<br>2250-<br>1665(PRINT). | Published             | Feb 2017,<br>Vol.7,<br>Issue: 2      |
| 2.      | Dr.D.Sathiya<br>HoD/IT  | Improved security and<br>routing path learning in<br>MANETs using Beer–Quiche<br>game theoretical model in<br>cloud computing | Cluster Computing The<br>Journal of Networks,<br>Software Tools and<br>Applications | Springer<br>ISSN 1386-7857                            | Published             | Sep 2013<br>Vol. 16(2013)<br>No.3    |
| 3.      | Dr.D.Sathiya,<br>HoD/IT | State Of The Art:<br>Broadcasting In Mobile<br>Adhoc Network  | Journal of Advanced<br>Research in Dynamical<br>and Control Systems                 | ISSN 1943-23X   | Published             | June 2017,<br>Vol. 9. Sp– 6<br>/ 207 |

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| 4. | Dr.D.Sathiya<br>HoD/IT  | Scrutiny of Broadcasting Efficiency With And Without Clustering In MANETs   | IEEE   | ISBN:978-1-5090-5960-7<br>ISBN:978-1-5090-5961-4 | Published | Vol 4,<br>Jul 2017          |
| 5. | Dr.D.Sathiya<br>HoD/IT  | Assessment of Beer-Quiché Algorithm with Minmax-Q for Stochastic Multipath Routing in Mobile Ad-Hoc Network                               | J.Comput. Theor. Nanosci                                     | 15,1750–1753<br>(2018)                           | Published | Vol 15,<br>May2018          |
| 6. | Dr.D.Sathiya<br>HoD/IT  | COVID-19 Post-Pandemic Life Saving Aid: An IOT-Based System Automated Health Monitoring and Tracking System                               | Journal of Xi'an Shiyou University                           | V17-17-18-1(2021)                                | Published | Vol 2,<br>May2018           |
| 7. | Mrs.R.V.Sudha,<br>AP/IT | Modified cuckoo search algorithm feature subset selection & shape, Color and Texture ATURES Descriptors for content based image retrieval | Journal of University Of Shanghai For Science And Technology | ISSN-1007-6735                                   | Published | 2021 Volume<br>23, Issue 12 |

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| 8.  | Mrs.R.V.Sudha,<br>AP/IT | SDN NETWORK Load<br>balancing using<br>Environmental Congenital<br>ACO Methodology       | International Journal of<br>Biology, Pharmacy and<br>Allied Health Science,                        | ISSN:2277-4998   | Published | Volume 10,<br>Special Issue<br>10(11), 913-<br>923,<br>September<br>2021 |
| 9.  | Mrs.R.V.Sudha,<br>AP/IT | Multi owner based group<br>sharing with data leakage<br>prevention in cloud              | International Journal of<br>Scientific Research<br>Organization,                                   | ISSN : 2321-0613 | Published | Volume 7,<br>Issue12,<br>2020  |
| 10. | Mrs.R.V.Sudha,<br>AP/IT | Customer Focused<br>Ecommerce web designing<br>Based on Augmented Reality                | International Journal of<br>Creative Research<br>Thoughts  | ISSN:2320-2882   | Published | Volume8,<br>Issue4,<br>April2020,  |
| 11. | Mrs.R.V.Sudha,<br>AP/IT | Semantic Similarity between<br>Words based on Import<br>vector machines i                | International Journal of<br>Multidisciplinary<br>Educational Research                              | ISSN:2277-7881   | Published | Volume: 9,<br>Issue: 3,<br>March 2020.                                   |
| 12. | Mrs.R.V.Sudha,<br>AP/IT | An experimental approach<br>IOT based detection and<br>Defence of DDOS attack for<br>WSN | International Journal of<br>Innovative Research in<br>Computer and<br>Communication<br>Engineering | ISSN : 2320-9798 | Published | Volume 8,<br>Issue 2, 2020.  |

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| 13. | G.Pradeepa, AP/IT        | Semantic Similarity Between words Based On Import Vector Machine   | International Journal of Engineering Sciences & Research Technology                           | ISSN :2277-7881                                    | Published | Volume11,<br>Issue 9,<br>March 2020 |
| 14. | G.Pradeepa, AP/IT        | Customer Focus Commerce Web Designing Based On Augmented Reality   | International Journal of Multidisciplinary Educational Research                               | ISSN :2320- 2882                                   | Published | Volume 8,<br>Issue4,<br>April2020   |
| 15. | G.Pradeepa, AP/IT        | Phishing Internet Domain Detection by Virtue of Support Vector Machine by using Page Layout Property   | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e-ISSN: 2319-8753, p-ISSN: 2320-6710               | Published | Volume 9,<br>Issue 6, June 2020     |
| 16. | Mrs.Meena M, AP/IT       | Modified Cuckoo Search Algorithm: Feature Subset Selection& Shape, Colour And Texture Features Descriptors For Content Based Image Retrieval | Journal of University Of Shanghai For Science And Technology                                  | Scopus<br>ISSN:1007-6735                           | Published | Volume 23 -<br>Issue 12 -<br>2021   |
| 17. | Mr.Madanachitran.R AP/IT | Energy Efficiency For Industrial IOT With Software Correlation   | International Journal Of Innovative Research In Science                                       | ISSN(Online): 2319-8753<br>ISSN (Print): 2347-6710 | Published | Mar 2020                            |

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| 18 | Mr.S.Vignesh,<br>AP/IT | A Principle Factor Analysis Based on Euclidean Distance With Normalization Techniques for Illumination of Invariant Face Recognition' | International Journal of Computer Science and Technology       | ISSN : 2229-4333  | Published | Vol. 4, Issue 3,<br>July - Sept 2013 |
| 19 | Mr.S.Vignesh,<br>AP/IT | An improved GGP based cluster head routing for recovering and sensing data aggregation for wireless sensor networks                   | International Journal of Computer Science and Mobile Computing | ISSN : 2320-088X  | Published | Vol.3, Issue 7, July 2014            |
| 20 | Mr.S.Vignesh,<br>AP/IT | Efficient algorithms systolic tree with abc based pattern mining algorithm for high utility item sets from transactional databases    | International Journal of Computer Science and Mobile Computing | ISSN : 2320-088X, | Published | Vol.3, Issue 3, March 2014           |