

| <b>Department of Information Technology( First Shift)</b> |                     |                                                                                                                                                           |                                                                       |                  |             |
|-----------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------|-------------|
| <b>Journal Publication Since 2017</b>                     |                     |                                                                                                                                                           |                                                                       |                  |             |
| <b>S.No</b>                                               | <b>Faculty Name</b> | <b>Title</b>                                                                                                                                              | <b>Journal</b>                                                        | <b>ISSN/ISBN</b> | <b>Year</b> |
| 1                                                         | Dr. Tripti Sharma   | FDBSCAN: Fuzzy based DBSCAN algorithms for densely deployed wireless sensor network for prolonging network lifetime                                       | IJCSNT                                                                | 2053-6283        | 2017        |
| 2                                                         | Dr. Suman Mann      | Devanagari Character Recognition Using Artificial Neural Network                                                                                          | International Journal of Engineering and Technology (IJET)            | 2227-524X        | 2017        |
|                                                           |                     | Estimation of age groups using facial recognition features.                                                                                               | International Journal of Engineering and Computer Science             | 2319-7242        | 2018        |
| 3                                                         | Dr. Prabhjot Kaur   | Spam Detection on Twitter Using Fuzzy Logic                                                                                                               | International Journal of Trend in Research and Development            | 2394-9333        | 2017        |
|                                                           |                     | Intuitionistic fuzzy sets based credibilistic fuzzy C-means clustering for medical image segmentation                                                     | International Journal of Information Technology                       | 2511-2104        | 2017        |
|                                                           |                     | An intelligent undersampling technique based upon intuitionistic fuzzy sets to alleviate class imbalance problem of classification with noisy environment | Int. J. Intelligent Engineering Informatics                           | 1758-8723        | 2018        |
|                                                           |                     | Issues and challenges of class imbalance problem in classification                                                                                        | International Journal of Information Technology,                      | 2511-2104        | 2018        |
|                                                           |                     | FF-SMOTE: A Meta-heuristic approach to combat Class Imbalance in Binary Classification                                                                    | Applied Artificial Intelligence, Taylor & Francis                     | 1087-6545        | 2019        |
|                                                           |                     | Empirical Assessment of Ensemble based Approaches to Classify Imbalanced Data in Binary Classification                                                    | International Journal of Advanced Computer Science and Applications   | 2156-5570        | 2019        |
|                                                           |                     | Empirical Analysis of Cervical and Breast Cancer Prediction Systems using Classification                                                                  | International Journal of Education and Management Engineering         | 2305-8463        | 2019        |
| 4                                                         | Dr. Anupama Kaushik | Software Cost Optimization Integrating Fuzzy System and COA-Cuckoo Optimization Algorithm                                                                 | International Journal of Systems Assurance Engineering and Management | 0976-4348        | 2017        |
| 5.                                                        | Ms Sonika Malik     | Sup_Ont: An Upper Ontology                                                                                                                                | International journal of Web based Learning and Teaching              | 1548-1093        | 2019        |
| 6                                                         | Ms. Jyoti Khurana   | A new kernel-based possibilistic intuitionistic fuzzy c-means clustering                                                                                  | International Journal of Artificial Intelligence and Soft Computing   | 1755-4950        | 2018        |
|                                                           |                     | Robust spatial intuitionistic fuzzy C-means with city-block distance clustering for image segmentation.                                                   | Journal of Intelligent & Fuzzy Systems                                | 1064-1246        | 2018        |
|                                                           |                     | Intuitionistic Level Set Segmentation for Medical Image Segmentation                                                                                      | Recent Patents on Computer Science                                    | 2213-2759        | 2019        |
| 7.                                                        | Mr. Surender Singh  | Web-Spam Features Selection Using CFS-PSO                                                                                                                 | Procedia Computer Science                                             | 1877-0509        | 2018        |
|                                                           |                     | Detection of Spam Using Particle Swarm Optimisation in Feature Selection                                                                                  | Pertanika Journal of Science & Technology                             | 0128-7680        | 2018        |

|    |                  |                                                                                  |                                                                |           |      |
|----|------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------|-----------|------|
|    |                  | Correlation-based feature subset selection technique for web spam classification | Int. J. Web Engineering and Technology                         | 1741-9212 | 2018 |
| 8. | Ms. Mamta Gahlan | Management of various risk over years in SDLC                                    | International Journal of advanced Research in Computer science | 0976-5697 | 2017 |

### Department of Information Technology( First Shift)

#### Conference Publication Since 2017

| S.No | Faculty Name        | Title                                                                                                                           | Conference Name                                                                                   | Year                    |
|------|---------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------|
| 1    | Dr. Suman Mann      | The Intelligizer system, Personalized Automation of Electrical and Electronic Devices using Sensors and Artificial Intelligence | International Conference on Computational Intelligence, IIT Kanpur                                | 6-8 Dec2017             |
|      |                     | A Survey on Quality Attributes for Data Warehouse Conceptual Model". IEEE Conference,                                           | 5th International Conference on "Computing for Sustainable Global Development", ISSN NO 0973-7529 | 14th -16th March 2018   |
|      |                     | Data Quality Issues in Phases of Data Warehousing                                                                               | 4thInternational Conference on "Computing for Sustainable Global Development",                    | 01st - 03rdMarch, 2017, |
| 2    | Dr. Anupama Kaushik | A Review on Software Cost Estimation techniques in Agile Projects                                                               | 4th International Conference on Computing for Sustainable Global Development                      | 01-03, March 2017       |
| 3    | Ms. Sonika Malik    | Review on Methods to handle Uncertainty                                                                                         | International Conference on Computational Vision and Bio inspired Computing                       | 29-30, Nov 2018         |
|      |                     | Ontology Based Context Aware Model                                                                                              | International Conference on Computational Intelligence in Data Science                            | 2nd -3rd June 2017      |
|      |                     | Knowledge Representation Formalisms: Description Logics                                                                         | 1st International Conference on Science in Hindi                                                  | 22nd August 2017        |