Dr. Avinash Dwivedi (Recent Paper

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| S. No. | Name of Paper | Authors | **Date of Conference** | **DOI: / Link** | **Publisher:** |  |
| 1 |  |  | **April** |  |  |  |
|  | Brain Tumor Detection Using ADARN Optimizer | Rajiv Kumar; Avinash Dwivedi; Shivani Joshi; Vikas Chandra Tripathi | 15-16 March 2024 | [10.1109 /ICDT61202.2024.10489239](https://doi.org/10.1109/ICDT61202.2024.10489239)  <https://ieeexplore.ieee.org/document/10489239>  (SCOPUS) | IEEE | GLB, Greater Noida, India |
| 2 | Traffic Density Monitoring and Controller using RFID | Indrajeet Kumar; Noor Mohd; Devendra Kumar; Avinash Dwivedi; Vikas Chaudhary | 2024 International Conference on Automation and Computation (AUTOCOM)  14-16 March 2024 | [10.1109/AUTOCOM60220.2024.10486172](https://doi.org/10.1109/AUTOCOM60220.2024.10486172)  <https://ieeexplore.ieee.org/document/10486172/authors#authors>  (SCOPUS) | IEEE | Graphic Era Hill University, Dehradun, India |
| 3 | A Detailed Structured Monitoting System for ICU Patient Mortality rate by using AI Algorithm | [Shivani Joshi](https://ieeexplore.ieee.org/author/37089454016);[Rajiv Kumar](https://ieeexplore.ieee.org/author/37709982500);[Vipin Rai](https://ieeexplore.ieee.org/author/37089034709);[Avinash Dwivedi](https://ieeexplore.ieee.org/author/37088433547);  [Vikash Chandra Tripathi](https://ieeexplore.ieee.org/author/37088532777) | 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT) | DOI: [10.1109/IC2PCT60090.2024](https://doi.org/10.1109/IC2PCT60090.2024)  9-10 Feb. 2024  <https://ieeexplore.ieee.org/xpl/conhome/10486056/proceeding?isnumber=10486063&sortType=vol-only-seq&searchWithin=Vipin>  Publication Year: 2024,Page(s):476 – 480  (SCOPUS) | IEEE | Galgotias University |
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| 4 | [LSTM-based adaptive whale optimization model for classification of fused multimodality medical image](https://link.springer.com/article/10.1007/s11760-022-02439-1) | Vipin Rai, Ganesh Gupta, Shivani Joshi, Rajiv Kumar, Avinash Dwivedi | 2023/7 | Journal Signal, Image and Video Processing Volume 17 Issue 5  Pages 2241-2250  PublisherSpringer London  <https://link.springer.com/article/10.1007/s11760-022-02439-1> | PublisherSpringer |  |
| 5 | Water wave optimized nonsubsampled shearlet transformation technique for multimodal medical image fusion | Amrita, Shivani Joshi, Rajiv Kumar, Avinash Dwivedi, Vipin Rai, Sansar Singh Chauhan | 2023/3/25 | Publication date 2023/3/25  Journal Concurrency and Computation: Practice and Experience  Volume 35  Issue 7  Pages e7591  Publisher John Wiley & Sons, Inc.  <https://doi.org/10.1002/cpe.7591> Citations: [1](https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.7591#citedby-section)  <https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.7591> |  |  |
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| 8 | [Optical Text Translator from Images using Machine Learning](https://ieeexplore.ieee.org/abstract/document/9844383/) | Shivani Joshi, Praveen Kumar Rai, Rajiv Kumar, Avinash Dwivedi | 2022/5/20 | Conference 2022 International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES)  Pages 95-100  Publisher IEEE   * https://ieeexplore.ieee.org/document/9844383Conference Paper   [Joshi, S.](https://www.scopus.com/authid/detail.uri?authorId=57212646133), [Rai, P.K.](https://www.scopus.com/authid/detail.uri?authorId=57872176700), [Kumar, R.](https://www.scopus.com/authid/detail.uri?authorId=57214462130), [Rikendra](https://www.scopus.com/authid/detail.uri?authorId=57872040000), [Dwivedi, A.](https://www.scopus.com/authid/detail.uri?authorId=55554061200) | Publisher IEEE |  |
| 9 | [CNN-SSPSO: a hybrid and optimized CNN approach for peripheral blood cell image recognition and classification](https://www.worldscientific.com/doi/abs/10.1142/S0218001421570044) | Rajiv Kumar, Shivani Joshi, Avinash Dwivedi | 2021/4/4 | Publication date  Journal :International Journal of Pattern Recognition and Artificial Intelligence  Volume 35 Issue 05 Pages 2157004  <https://doi.org/10.1142/S0218001421570044>**Cited by:**8  https://www.worldscientific.com/doi/10.1142/S0218001421570044 | Publisher World Scientific Publishing Company  (SCI) |  |
| 10 | [RFID SYSTEM-used for monitoring and tracking patient (MTP)](https://ieeexplore.ieee.org/abstract/document/9132938/) | Shivani Joshi, Avinash Dwivedi | 2020/3/13 | Publication date 2020/3/13  Conference 2020 International Conference on Computer Science, Engineering and Applications (ICCSEA)  Pages 1-10 Publisher IEEE  <https://ieeexplore.ieee.org/document/9132938> | IEEE |  |
| 11 | [Hybrid DSSCS and convolutional neural network for peripheral blood cell recognition system](https://ietresearch.onlinelibrary.wiley.com/doi/abs/10.1049/iet-ipr.2020.0370) | Shivani Joshi, Rajiv Kumar, Avinash Dwivedi | 2020/12 | Publication date 2020/12  Journal IET Image Processing  Volume 14 Issue 17 Pages 4450-4460  Publisher The Institution of Engineering and Technology   * https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/iet-ipr.2020.0370 | Institution of Engineering and Technology  SCI |  |
| 11P | Pest Detection and Control System in smart farming using IOT | Pankaj Singh Shivani Joshi, Avinash dwivedi, Vikas Choudhary |  | Publication date  2019/12/20  Patent office  IN Patent number 51/2019  Application number  201911051419 |  |  |