

PUBLICATIONS:

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1. A. Ranjan, M. S. Fahad, D. Fernandez-Baca, A. Deepak and **S. Tripathi**, "*Deep Robust Framework for Protein Function Prediction using Variable-Length Protein Sequences*," in **IEEE/ACM Transactions on Computational Biology and Bioinformatics**. doi: [10.1109/TCBB.2019.2911609](https://doi.org/10.1109/TCBB.2019.2911609)
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3. Rahul Shrivastava, **Sudhakar Tripathi** and Prabhat Kumar, "*Grid and Place Neuron's Computational Modeling and their Applications*", Recent patents on computer science, SCOPUS Indexed,(under revision).
4. Rahul Shrivastava, Prabhat Kumar and **Sudhakar Tripathi**, "*Spiking neural network based Computational modeling of Episodic memory*" Neural Computing and Applications, SCI, Springer, (Communicated).
5. Dilip Kumar Choubey* , Manish Kumar , Vaibhav Shukla , **Sudhakar Tripathi** , Vinay Kumar Dhandhaniania, "*Comparative Analysis of Classification Methods with PCA and LDA for Diabetes*", **Current Diabetes Reviews**, Bentham Science, ISSN: 1875-6417 (Online) ISSN: 1573-3998 (Print) (SCOPUS, ESCI).(Accepted)
6. Choubey, D.K., Kumar, P., **Tripathi, S.** et al. "*Performance evaluation of classification methods with PCA and PSO for diabetes*" **Network Modeling Analysis in Health Informatics and Bioinformatics** . Springer (2020) 9: 5. <https://doi.org/10.1007/s13721-019-0210-8> (SCOPUS, ESCI).
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9. Anand Bihari, Sudhakar Tripathi and Akshay Deepak. "*h-index and its alternatives: A Review*" "*Research Evaluation*", Oxford Academic, SSCI (Impact Factor 2.449) (under review).

10. Chhote Lal Prasad Gupta*, Anand Bihari and **Sudhakar Tripathi**, “**Protein Classification using Machine Learning and Statistical Techniques**”, Recent Advances in Computer Science and Communications, Formerly: Recent Patents on Computer Science (2020) 13: 1. <https://doi.org/10.2174/2666255813666190925163758> (SCOPUS) Accepted
11. Rahul Shrivastava, Prabhat Kumar, **Sudhakar Tripathi**, “**Modeling of Action’s Semantic Memory Incorporated with Procedural and Skill Memory to Perform Tasks**”, International Journal of Recent Technology and Engineering (IJRTE). 8(3), September - 2019,1014-1024, [DOI: 10.35940/ijrte.C4227.098319](https://doi.org/10.35940/ijrte.C4227.098319). (SCOPUS)
12. Chhote Lal Prasad Gupta, Anand Bihari, **Sudhakar Tripathi**, “**Rat Protein’s Enzyme Class Classification Using Machine Learning**”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019 [DOI: 10.35940/ijeat.F8098.088619](https://doi.org/10.35940/ijeat.F8098.088619) (SCOPUS)
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14. Rahul Shrivastav, Prabhat Kumar, **Sudhakar Tripathi**, “**A Human Memory Process Modeling**”, **Recent Patents on Engineering**. - 2020, [DOI: 10.2174/1872212113666190211145444](https://doi.org/10.2174/1872212113666190211145444). (SCOPUS)
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20. Sudhakar Tripathi, R.B.Mishra , **Computation of Induction Current in a Set of Dendrites** . **World Academy of Science, Engineering and Technology, International Science Index 102, International Journal of Medical, Health, Biomedical, Bioengineering and Pharmaceutical Engineering**. 9 ((6)) - 2015,Pg. 502 - 507 , .
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22. Sudhakar Tripathi, R.B.Mishra , **A Computational Model of Episodic Memory Encoding in Dentate Gyrus Hippocampus Sub Region as Pattern Separator Using ART Neural Network** . **Int. Journal of Engineering Research and Applications** . 4 (1(2)) - 2014,Pg. 451-460 , ISSN: 2248-9622.
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26. C.L.P.Gupta, Shalini Sharma, **Sudhakar Tripathi**, “Importance of Management Information System in Electronic-Information Era”, **Journal SAMRIDDHI (S-JPSET)** , 107-114, Volume 1 Issue 2 (2010) ISSN:2229-7111

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1. Vikram, Arun and Singh, Anuj and Tiwari, Arvind Kumar and **Tripathi, Sudhakar**, “*Function Prediction of Human Proteins Using Machine Learning Algorithms*” (March 11, 2019). Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE) 2019. Available at Elsevier SSRN: <https://ssrn.com/abstract=3350256> or <http://dx.doi.org/10.2139/ssrn.3350256>.
2. Bihari, Anand and **Tripathi, Sudhakar** and Deepak, Akshay, **Scientific Evaluation of Scholars based on Collaborative Index and Normalized Citation Count** (March 11, 2019). Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE) 2019. Available at Elsevier SSRN: <https://ssrn.com/abstract=3350255> or <http://dx.doi.org/10.2139/ssrn.3350255>
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