



Dr Deepika Punj

E-mail: deepikapunj@jcboseust.ac.in

Profile URL : <https://jcboseust.irins.org/profile/269149>

Orcid Id: 0000-0001-8191-096X

Phone: , 9911571006

Address: Faridabad ,Haryana,India - 121006

Expertise

Computer Science Theory and Methods

Information Retrieval and Machine Learning

Work experience

1. JC Bose University of Science and Technology, YMCA 2008 — Present

Associate Professor
Faridabad

2. The Technological Institute of Textile & Sciences Bhiwani 2004 — 2006

Assistant Professor
Bhiwani

Education

1. Ph.D - 2018

JC Bose University of Science and Technology, YMCA

2. M.Tech - 2008

Publication

1. **Image Splicing Detection Using Retinex Based Contrast Enhancement and Deep Learning**
Mamta;Pillai, A.;Punj, D.
International Conference on Advanced Computing & Communication Technologies (ICACCTech), Year 2023
2. **Spatial Domain Method for Image Analysis: A Grey-Level Computation Approach**
Kumari Deepika;Deepika Punj;Jyoti
, Year 2023
3. **An Enhancement in Single-Image Dehazing Employing Contrastive Attention over Variational Auto-Encoder (CA-VAE) Method**
Vishwakarma, Sandeep;Pillai, Anuradha;Punj, Deepika
International Journal of Mathematical, Engineering and Management Sciences, Year 2023
4. **Performance Optimization of Feature Extraction for Palm and Wrist in Multimodal Biometrics: A Systematic Literature Review**
Deepika, Kumari;Punj, Deepika;Verma, Jyoti;Pillai, Anuradha
International Journal of Pattern Recognition and Artificial Intelligence, Year 2023
5. **Performance Optimization of Feature Extraction for Palm and Wrist in Multimodal Biometrics: A Systematic Literature Review**
Deepika, Kumari;Punj, Deepika;Verma, Jyoti;Pillai, Anuradha
International Journal of Pattern Recognition and Artificial Intelligence, Volume
<https://doi.org/10.1142/S021800142336001X>, Year 2023, Pages
6. **Spatial Domain Method for Image Analysis: A Grey-Level Computation Approach**
Deepika, Kumari; Punj, Deepika; Jyoti
, Volume CCIS, Vol 1848, Year 2023, Pages 351-366
7. **A Novel Approach to Detect Copy Move Forgery using Deep Learning**
Mamta;Pillai, Anuradha;Punj, Deepika
Journal of Scientific and Industrial Research, Year 2022
8. **Optimization of CNN with LSTM for Plant Classification and Prediction**
Anuradha, Tyagi;Deepika, Punj;Shilpa, Sethi
Research Journal of Biotechnology, Year 2021
9. **Suspicious action detection in intelligent surveillance system using action attribute modelling**

Mudgal, M.;Punj, D.;Pillai, A.
Journal of Web Engineering, Year 2021

10. Theoretical and empirical analysis of crime data

Mudgal, M.;Punj, D.;Pillai, A.
Journal of Web Engineering, Year 2021

11. TINB: a topical interaction network builder from WWW

Srivastava A.;Pillai A.;Punj D.;Solanki A.;Nayyar A.
Wireless Networks, Volume 27, Year 2021, Pages 589-608

12. TINB: a topical interaction network builder from WWW

Srivastava, A.;Pillai, A.;Punj, D.;Solanki, A.;Nayyar, A.
Wireless Networks, Year 2021

13. Dynamic Query Processing for Hidden Web Data Extraction From Academic Domain

Babita Ahuja;Anuradha Pillai;Deepika Punj;Jyoti Verma
Journal of Web Engineering, Year 2020

14. Improving search results based on users' browsing behavior using apriori algorithm

Advances in Intelligent Systems and Computing, Volume 731, Year 2019, Pages 73-82

15. Improving search results based on users' browsing behavior using apriori algorithm

Deepika;Juneja, S.;Dixit, A.
Advances in Intelligent Systems and Computing, Year 2019

16. Improving search results based on users' browsing behavior using apriori algorithm

Deepika;Juneja, S.;Dixit, A.
Advances in Intelligent Systems and Computing, Volume , Year 2019, Pages