



Techno College of Engineering Agartala

An Engineering College affiliated to Tripura University (A Central University),

Approved by AICTE, MHRD, Govt. of India

Website: www.tiaedu.org



Name of the faculty: Ms. Purbani Kar

Designation: Assistant Professor & HOD

Education: UG: B.E in Computer Science & Engineering

PG: M.Tech in Computer Science & Engineering

PhD: Pursuing

Contact:

Address: Techno College of Engineering Agartala, Maheshkhala, Agartala, Tripura

Mobile: 9774213583/7005833264

Email: kar.purbani@tiaedu.org

Research Interest:

- Natural Language Processing
- Internet Security

Membership of professional bodies: None

Professional Experience:

Patents: 01 : "Multi-Crop Cultivation Unit", Design No-458487-001, Purbani Kar, Manisha Debnath, Saubhik Roy, Satyadip Das, Sujoy Das.

Publications: 05

Publishes Journal/ Conference papers/ Book/ Book Chapters :

- Tanusree Podder *1 , Purbani Kar 2 , Lalita Kumari 2 "An approach to hide information using wavelet based method", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 1 | Issue 1 | ISSN : 2456-3307
- Ramsagar Tripathi | Purbani Kar 2 "Image Based Stenographic & Cryptographic Process of Hiding Data", International Journal Of Innovative Research In Technology, February 2018 | IJIRT | Volume 4 Issue 9 | ISSN: 2349-6002
- Purbani Kar 1 , Lalita Kumari 2 "Feature Based Image retrieval based on Color", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 05 Issue: 06 | June -2018
- Lalita Kumari 1 , Radhey Shyam 2 and Purbani Kar , "Security Enhancement in Android Based Smartphone", National Level Conference on Engineering Problems and Application of Mathematics



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- Purbani Kar, Swapan Debbarma.” Multilingual hate speech detection sentimental analysis on social media platforms using optimal feature extraction and hybrid diagonal gated recurrent neural network” May 2023 The Journal of Supercomputing 79(17):1-32 DOI:[10.1007/s11227-023-05361-6](https://doi.org/10.1007/s11227-023-05361-6)

Achievements (if any):

Hobbies: Arts & Crafts, Gardening.