PANKAJ KUMAR

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PROFILE

I am a first-year Ph.D. scholar at the National Institute of Science Education and Research (NISER), Bhubaneswar. Currently, I am a part of SMLab at NISER, expanding my expertise in Geometric Deep Learning, primarily focused on Graph Representation Learning and an interest in exploring advancements and applications of LLMs

EDUCATION

School of Computer Science, NISER   Bhubaneswar, India
Ph.D. in Computer Science   2024 - 2029 *(expected)*
- Advisor: Dr. Subhankar Mishra
- Research area: Machine Learning

Department of Mathematics, Utkal University   Bhubaneswar, India
M.Sc. in Mathematics   2021 - 2023
- CGPA: 7.25

Department of Mathematics, OUAT   Bhubaneswar, India
B.Sc. in Mathematics   2018 - 2021
- CGPA: 8.31

Jawahar Navodaya Vidyalaya,Jogna   Jharkhand, India
Intermediate in Science   2016 - 2018
- Percentage: 87.4, Rank 1

Jawahar Navodaya Vidyalaya,Jogna   Jharkhand, India
Matriculate   2015 - 2016
- CGPA: 9.8, Rank 2

PROJECTS

Expressivity of Private GNNs
National Institute of Science Education and Research India   2025.01 - present

Survey on Robustness of LLMs
National Institute of Science Education and Research India   2024.12 - present
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ACHIEVEMENTS

- **Qualified** for UGC-JRF   2024.02
- **Rank 4**, in **CU-CET,CPET | Sub - Mathematics**   2021.11
- **Rank 2**, in Patna Region in National Mathematics Olympiad   2013

SKILLS

Languages: English, Hindi, Odia.

Programming: Python, C++, MATLAB,PyTorch.

Machine Learning: Deep Learning, Supervised Learning, Natural Language Processing (NLP), Large Language Models (LLM), Data Processing, Graph Neural Networks (GNN)