

Workshop on “Software Career Guidance and Machine Learning Industry Applications”

Career Guidance cell in association with DIET Research & Development Cell, a profound research wing of Dadi Institute of Engineering & Technology has successfully organized one day Workshop on “Software Career Guidance and Machine Learning Industry Applications”. Under-Graduate students need proper guidance in planning their career and achieving their future goals. Inspired with this motto, DIET Research & Development Cell conducted this workshop with two important sessions. The first session has been planned to demonstrate algorithms that are asked by interviews of eminent software companies such as Yahoo, Google and Facebook. The next session is based on Machine Learning Algorithms that are used in software Industry. This has motivated all enthusiastic students and made them aware of Machine Learning Algorithms.

List of contents discussed:

Morning session:

- Mix of algorithms and general career guidance
- Concept: Stack
- Experiences: Internships
- Concept: Sliding Window
- Experiences: Research Papers
- Concept: Linked-List, Dynamic Programming
- Experiences: Job Search
- Concept: Backtracking
- Experiences: Higher Studies
- Concept: BFS, DFS

Afternoon session:

1. Evolution of Machine Learning
2. Types of ML techniques like Supervised, Unsupervised, Reinforcement learning
3. Key algorithms under these techniques in ML like Random Forests, Neural Networks, KNN, K-means Clustering, Decision trees, Supporting Vector Machines, Linear Regression, etc.
4. Industry applications of these algorithms

