QUOTATION

Sir/Madam,

Sub: Quotation for **Center for Futuristic Learning – Artificial Intelligence & Machine Learning** Training Program

Greetings from SIX PHRASE – Edutech Private Limited

In line with the discussion we had with you we have here with detailed the program details along with the cost for conducting the **Center for Futuristic Learning – Artificial Intelligence & Machine Learning** Training Program. Please find below the program details.

Program Duration:	I to IV Year Integrated Mode - 72 Hours per Semester (1 to 8 Semesters) III Year Bootcamp Mode – 300 Hours
Target Audience:	BE Students
Program Type:	**Center for Futuristic Learning – Artificial Intelligence & Machine Learning**
Value Additions:	✓ Online Hands On Training Sessions with Technology Experts from Corporate and from IITs. (30% of Course Duration). ✓ 3 Interactive Webinar sessions per semester with CEOs and Technology Heads from Corporate. ✓ Real World Projects certified by PWC. ✓ Cloud Labs Tools & Softwares
Placement & Internship Assistance:	✓ Access to 30+ Product Companies: Marquee Companies: >20 LPA; Super Dream Companies: 10-20 LPA; Dream Companies: 5-10 LPA ✓ Abroad Internships & Placements ✓ Study Abroad Programs with Placements

Syllabus:

Artificial Intelligence & Machine Learning Curriclum

Course	Modules
C1-Data Science Using Python	Module 1 - Introduction to Data Science
	Module 2 - Python Fundamentals
	Module 3 - Array Computations
	Module 4 - Data Manipulation
	Module 5 - Data Visualization
	Module 6 - Data Collection and Cleaning
	Module 7- Web Scraping
C2 - Predictive Analytics	Module 1 - Statistical Foundations
	Module 2 - Probability
	Module 3 - Inferential Statistics
	Module 4 - Generalized Linear Models
C3- Machine Learning	Module 1 - Introduction to Machine Learning
	Module 2 - Supervised Learning - Regression
	Module 3 - Supervised Learning - Classification
	Module 4 - Mathematical and Bayesian Models
	Module 5 - Unsupervised Learning Using Clustering
	Module 6 - Model Evaluation and Hyperparameter Tuning
	Module 7 - Model Boosting and Optimization
	Module 8 - Dimensionality Reduction
	Module 9 - Association Rules Mining
	Module 10 - Time Series Analysis
	Module 11 - Additional Clustering Algorithms
	Module 12 - Recommendation Engine
C4 - Deep Learning	Module 1 - Introduction to Deep Learning
	Module 2 - Understanding Multilayer Perceptron
	Module 3 - Convolutional Neural Network – part 1
	Module 4 - Convolutional Neural Network – part 2
	Module 5 - Recurrent Neural Network (RNN)
	Module 6 - Regional Convolutional Neural Network (RCNN)
	Module 7 - Boltzmann Machine
	Module 8 - Generative Adversarial Network (GAN)
C5- NLP	Module 1 - Introduction to Text Mining and NLP
	Module 2 - Analyzing Sentence Structure
	Module 3 -Text Classification
	Module 4 - In Class Project: Twitter Sentiment Analysis

C6 - Sequence Learning	Module 1 - Introduction to Sequence Learning
	Module 2 - Name Entity Recognition using CRF
	Module 3 - RNN and GRU
	Module 4 - LSTM
	Module 5 - Auto Image Captioning
	Module 6- Machine Translation