



# Matrusri Engineering College

(Approved by AICTE, Affiliated to Osmania University)  
# 16-1-486, Saidabad, Hyderabad-500059. Ph: 040-24072764

## Department of Computer Science & Engineering

email: hodcse@matrusri.edu.in

Website: www.matrusri.edu.in

### A report on “EduGrad Program” conducted on 4<sup>th</sup> Oct,2018

A 1-day selection process for “EduGrad Program” was organised by the Department of Computer Science & Engineering on 4th Oct,2018 for the students of BE- 4/4.



#### About EduGrad:

EduGrad is an online education startup with a vision of engage, empathise and empower students. EduGrad is a brand owned by “Ashoka Systems India Private Limited”, head quartered in Hyderabad and with branch office at Noida

EduGrad at the very core is supported by robust team of professionals with vast and rich experience in IT, systems implementation and management. Each professional has more than a decade experience in their domain and collectively ensure to provide the best learning experience.

The purpose of EduLab is to inculcate the ability of problem solving into students.

This entire program will be for 12 weeks. A total of 96 students actively participated for the first round of the EduGrad program to showcase their technical knowledge. Out of the 96, 25 were short-listed for the second round to appear for AMCAT. AMCAT consist of quantitative aptitude, logical thinking and personality test.

### EDULAB PROGRAM CONTENTS

Learning Objective	Skill/Course Name	Python Modules
Attaining Proficiency in Python	Basic Python Data Structures Working with HTTP Scraping Web Content	URLLib, Requests Scrapy
Identifying Insights from Statistical Patterns in Data	Basic Statistical Exploration Linear Models Covariances and Correlations	StatsModels StatsModels, Scikit, Numpy StatsModels, Scikit, Numpy
Performing Advanced Transformations on Data	Matrices and Linear Algebra File Data and Data Frames Distributed Data Processing	Numpy Pandas PySpark
Visualizing Data in Sophisticated Ways	High-Level Data Visualizations Advanced Visualizations	Seaborn Matplotlib
Attaining Basic Proficiency in Web Programming	Javascript, HTML/CSS-basics jQuery Frameworks	
Harnessing Common Tools for Both Big Data and Small Data	Spreadsheets RDBMS MySQL NoSQL BigQuery	
Building Skills for the Data-Enabled Workplace	Source Repos Presentations	

In the second round 17 students were selected for the EduGrad program where they will be thought basics of Python, a project on Web Scraping using numpy, pandas modules and visualization provided through Matplotlib. Second project is about Statistics and third is about Linear Regression.

### EDULAB SCHEDULE





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MECS/CSE/2017-18/

Date:04-10-2018



Engage. Empathise. Empower

### Congratulations to CSE students selected for EduGrad DATA Analytics training and Project

S.NO	Roll NO	Name of the Student
1	1608-15-733-002	M.Praneeth Keshav
2	1608-15-733-005	Sakinala Sai Srinija
3	1608-15-733-014	KOLANNIKSHITH REDDY
4	1608-15-733-017	Mohammedi Fatima
5	1608-15-733-019	Ravirala Meghana
6	1608-15-733-027	Borelly Sai Shanthan Raj
7	1608-15-733-031	Chiluvoju Tejaswini
8	1608-15-733-052	K.Vamshi krishna
9	1608-15-733-063	Gosukonda Ananta Sai
10	1608-15-733-064	GUMMALA ARUN REDDY
11	1608-15-733-068	Devatha Sai Sasank
12	1608-15-733-069	Kompella Kathyayini
13	1608-15-733-070	Etikayala Ruchitha Reddy
14	1608-15-733-071	Deside Gautham Sai Reddy
15	1608-15-733-076	Anthati Shashank
16	1608-15-733-086	Karla Manasa
17	1608-15-733-110	Miryala Sai Khushal