# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC - AUTONOMOUS)

## Report on

"UDACITY- Front End Web Developer Nanodegree"

Event Type: Three Week workshop

Duration: 10-06-2019 to 28-06-2019

Total no of Participants: Students: 28

**Resource Persons:** 

S. No	Name
1.	V.Hanuman
2.	Kalayan chakravarthi

Andhra Pradesh State Skill Development Corporation (APSSDC) always thrives to be a step ahead in capturing the advancements—in the technological world. As a part this, APSSDDC introduced the UDACITY- Front End Web Developer Nanodegree course. The Department of Computer Science & Engineering organized two week—workshop on "Python for everybody(COURSERA)" to B.Tech- II Year CSE students from 25th June to 7th July 2018 with the motto of empowering the students' knowledge in current trends.

The Department of Computer Science & Engineering organized this workshop for B.Tech- II Year CSE students from 10th June to 28th June 2019 with the motto of empowering the students' knowledge in current trends. Inaugural Session started at 10:20 am The workshop was inaugurated by Dr.C.Yuvaraj, Principal-MITS. Opening Remarks by Coordinator of the Program: Mr.M.Kiran Kumar, Asst Prof in CSE Dept. stressed on the objective of the workshop, to create awareness on the emerging trends. Dr.Mahaboob Basha, Head of CSE, addressed the gathering about the transformation of the Technology and. He said, "Demand for front end developers is widespread across every industry, and continues to rise. By mastering the valuable skills taught in this program, you'll be prepared for roles at a wide array of companies, from startups to global organizations." The session was handed over to APSSDC Team.

SPOC-APSSDC

everybody (1011)

Principal PRINCIPAL

PO Box NO 14, Kadiri Road, Angalla MADANAPALLE 517 325 A P

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## **Program Overview:**

The goal of the Front End Web Developer Nanodegree program is to equip learners with the unique skills they need to build and develop a variety of websites and applications.

A graduate of this Nanodegree program will be able to:

- Construct responsive websites using CSS, Flexbox and CSS Grid
- Develop interactive websites and UI (User Interface) applications using JavaScript and HTML
- Connect a web application to backend server data using JavaScript
- Automate application build and deployment using Webpack
- Improve offline performance of websites using Service Worker

#### **Course Schedule:**

S.No	Date	Topic	Project	
1	10-Jun-2019	Rivision of Previous topics, Responsive Wed Design && Responsive Images	Portfolio	
2	11-Jun-2019	Accessibility (Color contrast ratios, Images alt, lang)		
3	12-Jun-2019	Game behaviour (Logic, Congratulation Popup, Restart Button, Timer)	Memory Game	
4	13-Jun-2019	Game behaviour (Start rating, moveCounter) interface Design( styling, Comments)		
5	14-Jun-2019	interface Design (Usability), Documentation ( README.md, code quality)		
6	15-Jun-2019	Error Free, Object Oriented Code ( Classes, Objects)	Arcade Game	
7	16-Jun-2019	Object Oriented Code (Constructors), Documentation		
8	17-Jun-2019	Documentation, code Quality, Comments		
9	18-Jun-2019	Test Coverage (To Do list, Passing)	Feed Reader Testing	
10	19-Jun-2019	Documentation( Comments, README.md, code quality)		
11	20-Jun-2019	Connections (min : 50), Professional profile building, Accomplishments	LinkedIn Profile	
12		Account with 3 projects (Min 5 comments for each), Professional profile building	GitHub Profile	
13	21-Jun-2019	Server installation (python or 200 OK)Responsive Design, Responsive Images along with viewport layouts for two pages, Including Map in the project	Restaurant Reviews Application	
14	22-Jun-2019	Accessibility (Color contarst, Image Alt, lang, description, ARIA, labeling for form controls, tab-index)		
15	23-Jun-2019	Offline Availability (serviceWorker along with cache and fetch), Comments, README.md		
16	24-Jun-2019			
17	25-Jun-2019			
18	26-Jun-2019	Project Submission and Reviews	ews	
19	27-Jun-2019			
20	28-Jun-2019			



