



KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
 (Accredited by NBA | "A" Grade by NAAC | Approved by AICTE, New Delhi | Affiliated to JNTUK, Kakinada)
 Vinjanampadu (Vil), Vatticherukuru (Md), Guntur (Dt), A.P. India -17.



**A National Level
 Faculty Development Programme
 On
 Artificial Intelligence using Python Programming**

25-05-2020 to 31-05-2020

In association with
E & ICT Academy, IIT Guwahati
 Organized by
Department of ECE

From 25-05-2020 to 31-05-2020, we conducted a Faculty Development Programme on “AI using Python Programming”. In this FDP, total 20 participants are attended from various institutes and they gained the good basic knowledge in Artificial Intelligence, Machine Learning and Deep Learning concepts using python programming. This programme was monitored by IIT Guwahati, and the lectures delivered by Digital Shark Technologies, Bangalore official channel partners of NVIDIA. This FDP conducted totally for 40 hours. In addition to the theory sessions on AI, ML & Deep Learning, some lab exercises and projects also conducted in this FDP in an effective manner.

Course Objective

- Introduction to machine learning
- Working with Data, Data Preprocessing and Visualization using Python
- Gradient Descent algorithm
- Regression analysis
- Deep Learning: Artificial Neural Network perception
- Computer vision: CNN, Object detection algorithm

Course Outcome

- Upon completion, the trainee will be able to:
 - Prepare and Maintain Data with Python
 - Machine Learning: Supervised and Unsupervised Learning algorithm
 - Deep Learning: Multi-Layer Perceptron (MLP), Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), MLP application
 - Deep Learning: Computer Vision algorithm like image classification

Activities & Project

- Assignments will be of the following type:
 - AI/ML based questionnaire
 - Programming Assignments (Python statement will be provided)
- Make and defend a case "Project" will be assigned to the participants which will be based on the Practical Case Studies.

Contact Details

Project Manager
 E&ICT Academy, IIT Guwahati
 Email: ajayk@iitg.ac.in, ajayk@iitg.ac.in
 Phone: +91 98660 12345

Registration Fee

- Rs. 1250/- (includes of GST) For Faculty, PhD Research Scholar
- Mode of Payment: Online Only (NEFT/RTGS)

For Online Transfer

Bank Name: State Bank of India
 Account Name: IIT Guwahati E&ICT and IIT Guwahati
 Account No: 30071000000
 IFSC Code: SBIN004542
 Branch Name: State Bank of India
 Bank Address: IIT Guwahati, GATE-3B
 Contact Email for the Course: ajayk@iitg.ac.in (Faculty, Academic, Practice Session & Evaluation)

Organized in association with
 Department of CSE & ECE,
 KKR&KSR Institute of Technology & Sciences (KITS), Guntur

91 Week Faculty Development Programme
Artificial Intelligence using Python Programming
 (25-31 May, 2020)

Organized in association with
 Department of CSE & ECE,
 KKR&KSR Institute of Technology & Sciences (KITS), Guntur

Digital Shark Technology

Support from
 KKR & KSR Institute of Technology & Sciences (KITS), Guntur

Covers Dates: 25 - 31 May, 2020
 Last Date of Registration: 21 May, 2020
 (Online Registration Link will be open from 18/05/2020)
 Per Day Timing: 09:00 am - 05:00 pm & 05:00 pm - 09:00 pm

FDP Brochure

Guidelines Webinar 23-05-2020

The webinar content includes:

- Course Monitoring and Assessment will be conducted by E&ICT Academy IIT Guwahati
- The weightage of the Assessment (50% Marks) is follows:
 - Theory Assessment (AI/ML Descriptive) - 30 Marks
 - Practical Assessment: Assignment Activities - 10 Marks
 - Classroom Activities and Assessment - 10 Marks
 - Lab/Hands-on/Interview and Interview - 10 Marks
- The theory assessment will be through Google Classroom (Google GCP)
- For the Practical assessment, assignment activities, the participants need to prepare the complete report with steps and outputs within the specified time given and submit in the Google Classroom.
- Issue of any queries/problems regarding the registration, you may reach to a coordinator at ajayk@iitg.ac.in

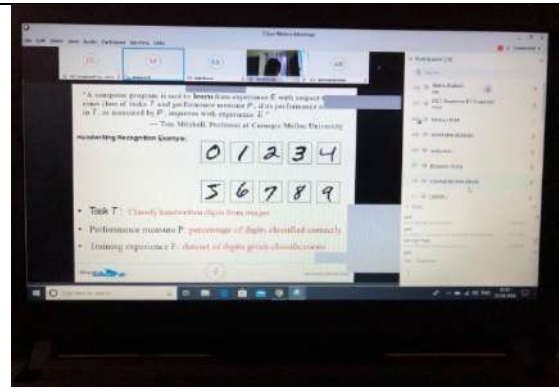
Procedure to be followed while attending the online-based FDPs/Conferences

- The participants need to open their Facebook and registered Email ID while joining in the VC conference.
- The participants should attend the session individually. There is no participant attending for the session.

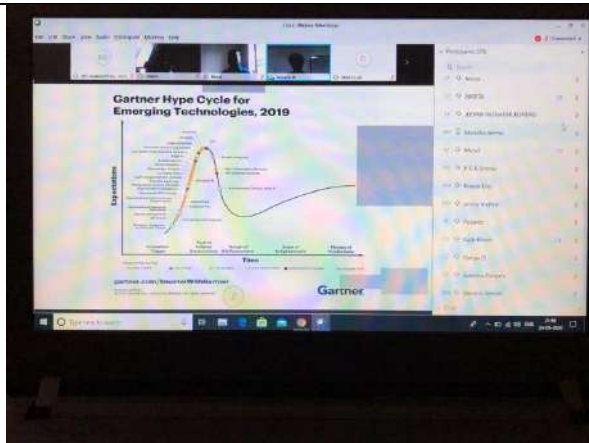
Guidelines Webinar 23-05-2020



Inauguration of FDP on 25-05-2020



Handson Sessions



Technical Sessions



Certificate Distribution

Registration Details

Sl. No.	Timestamp	A	B	C	D	E	F	G	H	I	J
1											
2	5/25/2020 21:49:03	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
3	5/25/2020 19:39:32	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
4	5/25/2020 18:31:33	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
5	5/25/2020 18:33:34	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
6	5/25/2020 17:38:37	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
7	5/25/2020 18:04:21	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
8	5/25/2020 19:09:05	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
9	5/25/2020 18:46:35	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
10	5/25/2020 11:58:44	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
11	5/25/2020 12:21:32	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
12	5/25/2020 12:42:05	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
13	5/25/2020 14:20:33	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
14	5/25/2020 17:33:15	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
15	5/25/2020 18:35:32	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
16	5/25/2020 18:40:34	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
17	5/25/2020 18:47:08	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
18	5/25/2020 18:58:03	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
19	5/25/2020 18:58:03	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
20	5/25/2020 18:57:52	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
21	5/25/2020 18:57:52	adysababehera01@gmail.com	adysababehera01@gmail.com	Ms.	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	ADYASHA BEHERA	7/3/1999	Odisha	Female
