



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 Computer Science and Engineering

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

- The Course will help trainees to
 - Introduction to machine learning (ML) and DL.
 - Working with Data, Data Preprocessing and Visualization using Python
 - Gradient Descent algorithm
 - Regression analysis
 - Deep Learning: Supervised (Multi-layer perceptron)
 - Convolutional Neural Network (CNN), Object detection algorithm

Course Outcome

- Upon completion, the trainees 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 object detection algorithm

Activities & Project

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

Contact Details

Project Manager
 E&ICT Academy, IIT Guwahati
 Email: projectmanager@iitg.ac.in
itd@iitg.ac.in
 Follow us on: www.facebook.com/iitg.ac.in, www.instagram.com/iitg.ac.in, www.linkedin.com/company/iitg

For details of the programme and course contents etc., please log on to: Electronics and ICT Academy website: E&ICT.Academy.IITG.ac.in

Course Coordinators from Academy

- Prof. Dr. Anup Kumar Barua, Principal, Electronics and ICT Academy, IIT Guwahati.
- Dr. Ganesh Shankar, Co-Principal, Electronics and ICT Academy, IIT Guwahati.

Coordinator from KITS, Guntur

- Mr. Venkateshwar Reddy, Associate Professor, Department of CSE, Contact: +91 8636 67777. Email: venkatesh@kkrkrs.com

Who Can Attend?

- Faculty and STI Research Scholar

Prerequisites

- Basic knowledge of programming, internet, Linux, algorithm, Differential calculus and probability.
- Installation of Anaconda 3.7 Software
- Mac OS X, Linux, Windows 7 or 10
- Good English language communication skills (English language and Indian context).

How to Apply?

Online - The participants have to fill the E&ICT Academy, IIT Guwahati website: www.eic.ac.in under development link and fill up the registration application form. This link is also provided: www.eic.ac.in/apply

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 ICT Academy
 Account No: 3007100009
 IFSC Code: SBIN004542
 Branch Name: State Bank of India
 Bank Address: IIT Guwahati, GATE-3B
 Contact Email for the Course: itd@iitg.ac.in (Faculty, Activities, Practice Session & Evaluation)

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

Organized by
 Digital Shark Technology
 Support Team
 Contact: 0888-8888888
 Course Dates: 25 - 31 May, 2020
 Last Date of Registration: 21 May, 2020
 (Online Registration Link will be open from 18:00:00)
 Per Day Timing: 09:00 am - 05:00 pm & 05:00 pm - 09:00 pm

FDP Brochure

Guidelines Webinar 23-05-2020

The slide content includes:

- Course Monitoring and Assessment will be conducted by E&ICT Academy IIT Guwahati.
- The syllabus of the Assessment (50% Marks as follows):
 - Theory Assessment (AI/ML Descriptive) - 30 Marks
 - Practical Assessment, Assignment Activities - 10 Marks
 - Classroom Activities and Homework - 10 Marks
 - Lab/Industry Orientation and Interviewing - 10 Marks
- The theory assessment will be through Google Classroom (Google App).
- 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 to the Google Classroom.
- Master of any generalizations regarding the registration, you may reach to a coordinator at itd@iitg.ac.in

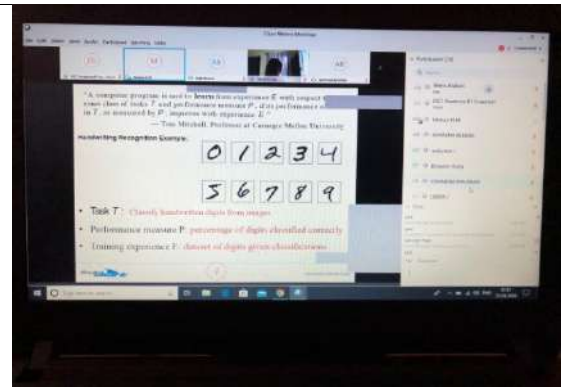
Methods to be followed while attending the online Webinar/After Course/Training Application

- The participants need to sign their Full Name and registered Email ID while joining to the IC operation.
- The participants need not to attend individually. There is no participant attending for

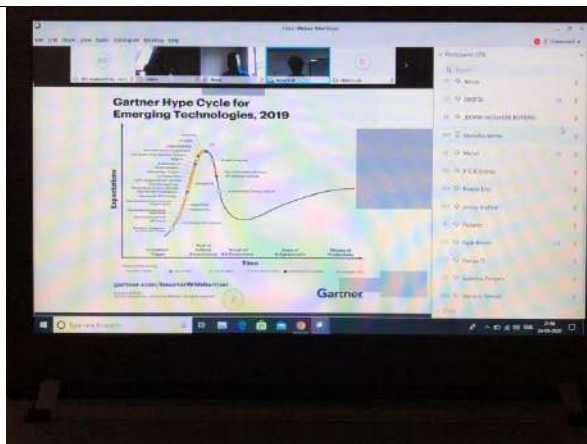
Guidelines Webinar 23-05-2020



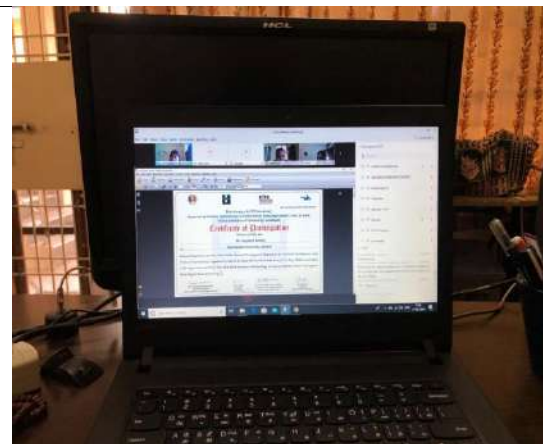
Inauguration of FDP on 25-05-2020



Handson Sessions



Technical Sessions



Certificate Distribution

Registration Details

Sl. No.	Timestamp	Email Address	Alternate email address (if any)	Salutation	Full Name	Father's Name	Mother's Name	Date of Birth	Geography	Gender
1	5/25/2020 21:49:03	adityabehara01@gmail.com	adityabehara.01@univindia.com	Ms.	ADITYA BEHARA	VIJAYABHARAJ BEHARA	KALPANA NAYAK	7/3/1999	General	Female
2	5/25/2020 19:39:32	pratiknagarwal7@gmail.com	pratiknagarwal7@gmail.com	Ms.	PRATIKA BHARGAVA	VIJAYAN BHARGAVA	PRERITA BHARGAVA	3/22/1998	General	Female
3	5/25/2020 18:31:33	madhuchand@gmail.com	madhuchand@gmail.com	Ms.	Madhuchand	Sandeep	Madhuchand	4/11/1997	General	Female
4	5/25/2020 15:33:34	ameeta@net.ecs.ac.in	ameeta@net.ecs.ac.in	Ms.	C. Ameeta	C. VENKAT SURESH	C. Srinivas	5/25/1981	General	Female
5	5/25/2020 17:38:37	arunika@gmail.com	arunika@nitk.edu.in	Ms.	D. Arunika	J. Deepthi	D. Lalitha	10/8/1984	GDGMOBC	Female
6	5/25/2020 18:04:21	janeeap03@gmail.com	janeeap@nitk.edu.in	Ms.	DEEPIKA J	JAYAPRUDH	VARANITHA	6/3/1982	SC	Female
7	5/25/2020 19:09:05	jitrayashash@gmail.com	jitraya_nitk@yahoo.com	Ms.	Jitraya Mishra	Jalshan Nath Mishra	Ramani Mishra	7/27/1992	General	Female
8	5/21/2020 8:46:35	anirbanm77@gmail.com	anirban@net.ecs.ac.in	Ms.	Chaiti Anirban Ahmed	Chaiti Anirban	Ratimona Krishna	5/25/1988	General	Female
9	5/21/2020 11:38:44	ulthadevi@gmail.com	ulthadevi@gmail.com	Dr.	THANU BHANU	SRINAKHA BHANU	PABATI JANA	3/11/1995	General	Female
10	5/21/2020 12:21:32	armita@net.ecs.ac.in	armita@net.ecs.ac.in	Dr.	Divanowathi Reddy Arimath	Dr. Sanku Rami Reddy	Smt. A. Ratanamma	7/1/1969	General	Male
11	5/25/2020 12:42:05	anishaa1@gmail.com	anishaa1@nitk.edu.in	Dr.	Dr. Ananath Mishra	Mahendra Mishra	Ultha Devi	4/20/1999	General	Male
12	5/21/2020 14:20:33	akshaymishra@gmail.com	akshaymishra@gmail.com	Ms.	KALABHAGAL G	GANESAN	BEELVI	10/23/1982	General	Female
13	5/21/2020 17:33:15	arjuna.mallari@gmail.com	arjuna.mallari@gmail.com	Prof.	Prady Mallari	Mr. S. G. Mallari	Vinika Mallari	5/28/1990	General	Female
14	5/21/2020 18:35:33	chitra@gmail.com	chitra_h0901@gmail.com	Mr.	CHANDRA BHISHAN	RAM PRASAD VERMA	SUDAMA VERMA	8/15/1981	GDGMOBC	Male
15	5/22/2020 3:49:34	trivedi@gmail.com	trivedi@gmail.com	Dr.	Dr. M. Sri-Lakshmi Srinivas	M. Srinivas Rao	M. Nalini Lakshmi	5/5/1974	General	Male
16	5/22/2020 8:27:02	anarunachari@gmail.com	anarunachari@gmail.com	Ms.	ANARUN THOTA	T. V. ANANASWALI	T. RANJITH	8/22/1985	GDGMOBC	Female
17	5/22/2020 8:38:16	arunika@gmail.com	arunika@nitk.edu.in	Ms.	Parulati Srida Srinivas Srinivas	P. Malavika Rao	P. Srinivasaravi	7/26/1991	GDGMOBC	Female
18	5/22/2020 8:39:03	anirbanm77@gmail.com	anirban@net.ecs.ac.in	Dr.	SANGARU VENKAT APPALA	SAMBHA SIVA REDD	ANALI KUMARI	12/7/1983	GDGMOBC	Male
19	5/22/2020 8:37:52	arunika@nitk.edu.in	arunika@nitk.edu.in	Ms.	JEEVAN RATHINAKAR RONDHU	DANU JANDHRA PRASAD R	CHANDRA LEELA	8/5/1993	SC	Male
20	5/22/2020 10:02:31	anuradha@nitk.edu.in	anuradha@nitk.edu.in	Dr.	Chandini Murali	Vallabanda	Vasamma	10/6/1976	GDGMOBC	Male
