September Volume -1 2021

Techno Philia

Create Stimulate Emulate



Advisors:

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Student coordinators

M Kranthi Kumar (18JR1A05A0) Sk. Eesub Vali (18JR1A05G2) B. Sai Silpa (19JR1A0507) B. Sai Manaswini (19JR1A0506)

KKR & KSR Institute of Technology and Sciences Vinjanampadu, Vatticherukuru Mandal, Guntur, Andhra Pradesh – 522017 Email: hodcse@kitsguntur.ac.in

About the Department

The KKR & KSR Institute of Technology and Sciences was established computer science engineering stream in the year of 2008. The Department of Computer Science and Engineering educates knowledge of computer and it's engineering. Almost all fields are computerized to have an ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting. The B. /Tech computer engineering program includes computer operations on different languages, data generation, collection and utilization of information. The Department is implementing OBE based education.

Vision	Mission
	1. Providing a strong theoretical and practical education in a congenial environment.
To become a reputed center in computer Science and systems engineering for quality, competency and social responsibility	2. Providing additional skills and training to meet the current needs of the industry.
	3. Inculcating ethical values to meet the challenges of life with courage and confidence.

Department Achievements

Faculty Development Programs Organized

Joint Two Weeks Online Certificate Programme

organized in association with
IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and
PDPM HITDM Jabalpur

Deep Learning and Applications

August 23rd to September 03rd, 2021

Description:

To meet the ever-demanding prerequisites of the knowledge industry, Program have always been an effective tool to enrich teaching and research competencies of educationists. This 40 hours Faculty Development Programs is conducted by the Department of Computer Science and Engineering, KKR & KSR Institute of Technology and Sciences on "Deep Learning and Applications". 42 Faculty members from various Engineering colleges, universities throughout the nation were participated. The participants obtained deep insights on Artificial Intelligence, Machine Learningand Artificial Neural Networks, How to use Google Colab, Introduction to Python, Artificial Neural Network for Classification, Deep Neural Networks and Back Propagation, Convolutional Neural Networks, Facial Expression Recognition, Implementing an Encoder Decoder Model for Image Segmentation, Object Detection State-of-the-Art-Algorithms, Image Captioning in Hindi using Deep Learning Frameworks, DeepReinforcementLearning. Academicians enhanced their knowledge through practical sessions on MATLAB.

Team Member of FDP:

Shri KoyiSubbarao, Chief Parton, Chairman

Shri KoyiShekar, Chief Parton, Secretary

Dr. P. Babu, Parton, Principal

Dr. K Hari Babu, Parton, Academic Director

Prof. R. Ramesh, Head of CSE

Dr. Ch. Aruna, Professor, Dept. of CSE

Mr. B.Prasanna Kumar, Associate Professor, Dept. of CSE

Schedule:

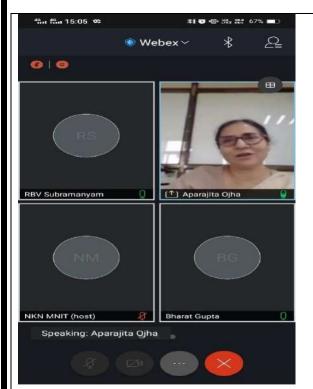
Date	Day	3:00-3:20PM	3:30-5:30PM	5:30-7:30PM	9:00-10:00PM				
		Inau	guralSession						
23-Aug-21	Monday	Inaugur alSessi on L1: Prof. AparajitaOjha,IIITDMJ abalpurIntroduction to Artificial Intelligence, ML andANN		Inaugur alSessi on AparajitaOjha,IIITDMJ abalpurIntroduction to Artificial Intelligence,		P1:IntroductiontoPythonProgrammingandabriefintroductiontoKeras,GoogleColab(PTS)			
		3	3:00-5:00	5:30-7:00					
24-Aug-21	Tuesday	Do Networks,Hyper izationand O	L2:Dr.SantoshVipparthi,MNITJaipur Deep Neural Networks,Hyperparameterstuning,Regular izationand Optimization P2: Writing and running codetobuildaNeuralNetwork lassificationmodel,hyperpara metertuning,Usingdifferento timizers.(PTS)						
25-Aug-21	Wednesda y	Convo	L3: Prof.AparajitaOjha Convolutional Neural Networks,CNNArchitectures P3: Building a Classification Model usingTran learning(MV)						
26-Aug-21	Thursday	L4:Dr.SantoshVipparthi FacialExpressionRecognitionusingCNN				P4:BuildingaDeepNeuralNet workModelforfacialexpressio nrecognition(MV)			
27-Aug-21	Friday	L5: Prof.AparajitaOjha Autoencoders and their Applications, ImageSegmentationusingCNN		P5:Implementing an EncoderDecoderModelforima gesegmentation(SC)					
28-Aug-21	Saturday	L6: Prof.AparajitaOjha ObjectDetectioninConventionalViews		P6:ImplementationofObjectdet ectionalgorithm(PTS)	Quiz- 1(30Minute s)				
29-Aug-21	Sunday		Holiday						
		3	3:00-5:00	5:30-7:00					
30-Aug-21	Monday	Object Detec	L7:Dr.SantoshVipparthi Object Detection/Moving Object in AerialViews P7:ImplementationofObj etectioninchallengingsce os(MV)						
31-Aug-21	Tuesday	Holiday(Janmashtam i)							
01-Sep-21	Wednesda y	L8: DrSriparnaSaha, IIT PatnaRecurrent Neural Networks Part 1: Basics ofRNN,LSTM, GRUandAttentionModels		PatnaRecurrent Neural Networks Part 1: Basics of RNN, LSTM,		P8:Implementation of anLSTMmodelforsequenced ata(PTS)			
02-Sep-21	Thursday	L10:DrSriparnaSaha RNN Part 2: Applications of RNN, ImagecaptiongenerationusingRNN.		L10:DrSriparnaSaha RNN Part 2: Applications of RNN,		L10:DrSriparnaSaha RNN Part 2: Applications of RNN,		L11:MATLABTeam DeepReinforcementLearnin g	Quiz2 (30minutes)

03-Sep-21

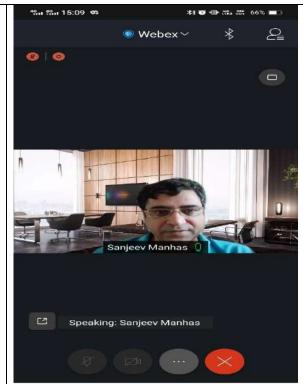
Friday

L12:MATLABTeam WaveletswithCNN

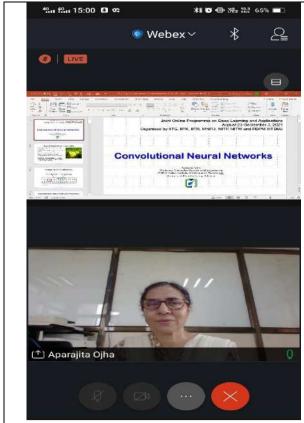
P8:MATLABTeam
Generative
AdversarialNetworks
7:30-7:45Valedictory



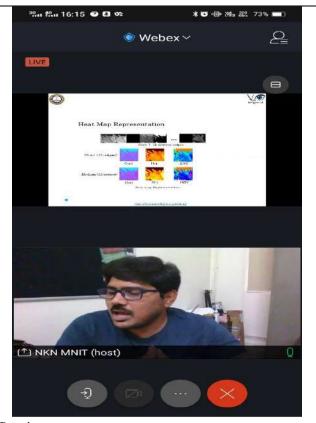
Inaugural address by **Dr.AparajithaOjha, IIT Guwahati.**



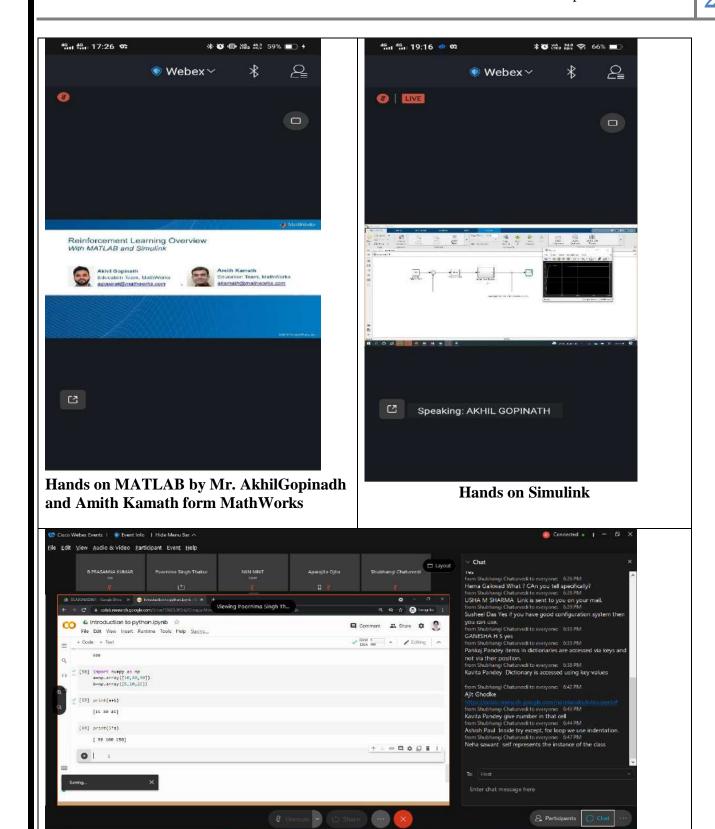
Key note speech by Dr. Sanjeev Manhas.



Session on Convolution Neural Networks by **Dr.AparajithaOjha, IIT Guwahati.**



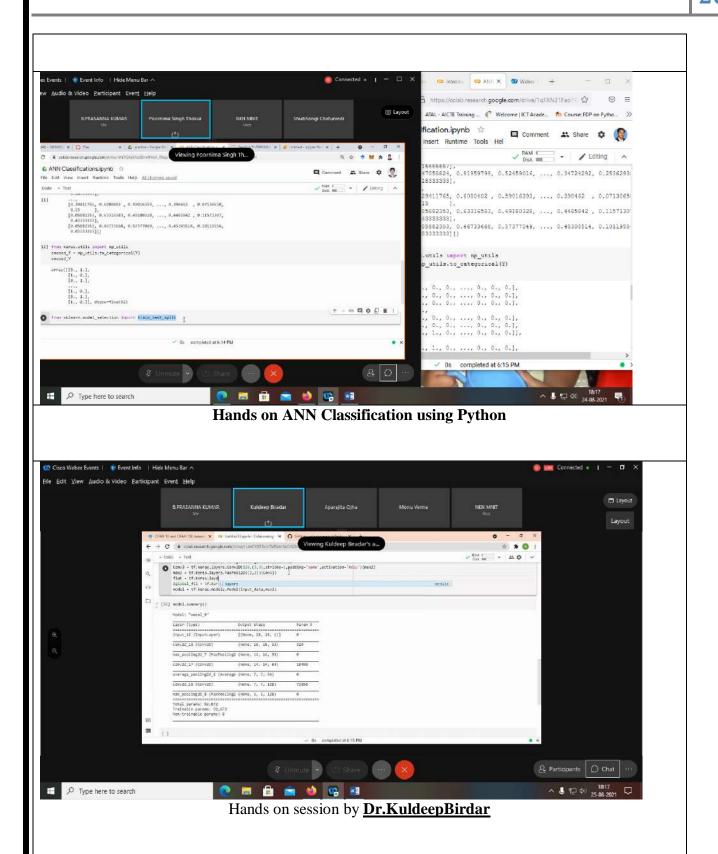
Session on FacialExpressionRecognitionusingCNN by **Dr.SantoshVipparthi, MNIT Jaipur**

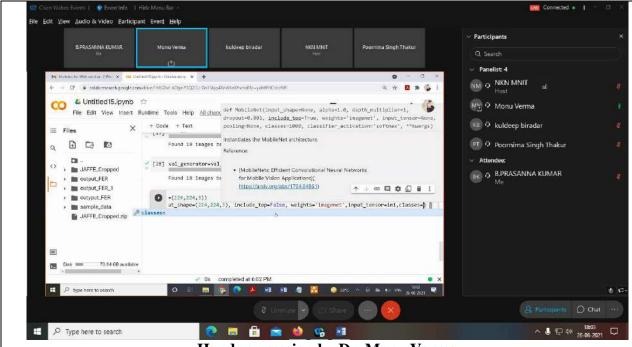


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Hands on Python Lab

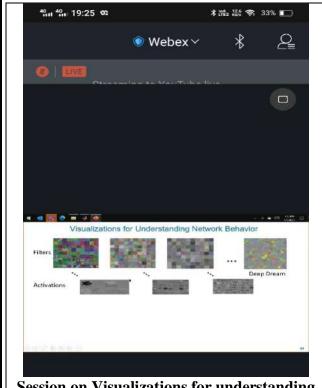
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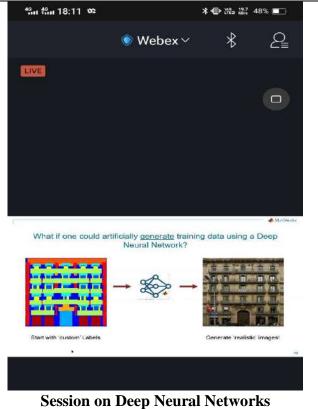


Hands on session by Dr. Monu Varma

Department of Computer Science and Engineering



Session on Visualizations for understanding **Network Behaviour**



Department of Computer Science and Engineering

Guest Lectures/Seminars/Workshops/FDPs/Webinars Attended or Organized

					No of	From Date		Role
S.No	Faculty Name	Event	Title of the event	Venue	Days		То	
		Туре					Date	
			DEEP LEARNING & ITS					Attended
1	KOTHA CHANDANA	FDP	APPLICATIONS (PARALLEL ARCHITECTURES)	Online	14 days	23/08/2021	3/9/2021	
			"Deep Learning &					Attended
2	Dr. A.GOPI	FDP	Applications (Parallel Architectures)	online	10	23/08/2021	3/9/2021	
								Attended
3	Dr. A. GOPI	FDP	Block Chain Technologies	ONLINE	5	6/9/2021	10/9/2021	
								Attended
	MOHAMMAD		Deep Learning & it's	Electronics and ICT	TWO			
4	RIYAZUDDIN	FDP	applications	Academies	WEEKS	23/08/2021	3/9/2021	
	CANDEED			Flootronico and IOT				Attended
	SANDEEP KUMAR ARUDRA	FDP	Deep Learning & Application	Electronics and ICT Academies	14 days	23/08/2021	3/9/2021	
			3 . 1					Attended
	Dr.S.RADHAKRIS		INNOVATION					
6	HNAN	FDP	MANAGEMENT	ONLINE	5	6/9/2021	10/9/2021	
			Deep Learning &					Attended
7	M. Purnachandra	EDD	Applictions(Parallel	a a line a	0	00/00/0004	0/0/0004	
7	Rao	FDP	Architectures)	online	2 weeks	23/08/2021	3/9/2021	Attonded
	G. Rohini Phaneendra			KKR & KSR Institute of				Attended
8	Kumari	FDP	Deep learning & Applications	Technology &sciences	10 days	23/08/2021	3/9/2021	

9								Attended
			Deep Learning & its				3/9/2021	
	B. PRASANNA		Application (Parallel	E&ICT Academy, IIT				
	KUMAR	FDP	Architecture)	Guwahati	12	23/08/2021		
		STTP/						Attended
	SANDEEP	TRAINING	Augmented Reality and	MVGR College of				
10	KUMAR ARUDRA	PROGRAM	Virtual Reality	Engineering	Six days	20/09/2021	25/09/2021	
								Attended
		STTP/		MVGR College Of				
	John Saida	TRAINING	Augmented Reality and	Engineering,				
11	Mohammad	PROGRAM	Virtual Reality	Vizianagaram.	6	20/09/2021	25/09/2021	
			DEEP LEARNING & ITS					Attended
	KOTHA		APPLICATIONS (PARALLEL					
12	CHANDANA	FDP	ARCHITECTURES)	Online	14 days	23/08/2021	3/9/2021	

STUDENTS ACHIEVEMENTS

Campus Placement Details

• Pool Campus Drive Test was conducted for IV CSE students from 12-09-2021 to 19-09-2021. 54 students qualified in Test and advanced to further rounds. Among 54 students, 14 students qualified for Toppers Test (7.0 Lakhs per Annum package) and 40 students qualified for Interview (3.6 Lakhs per Annum package) The details are given below:

SNO	REGDNO	NAME	Toppers Test/ Interview
1	18JR1A0504	BANDI MEGHANA	Interview
2	18JR1A0506	BOMMAREDDY SAI CHARITHA	Interview

3	18JR1A0508	BURAGADDA VYSHNAVI	Interview
4	18JR1A0511	CHEJARLA YOGESWARI SAI PREETHI	Interview
5	18JR1A0513	CHERUKURI SIRISHA	Interview
6	18JR1A0514	CHINTALAPUDI PRASANNA	Interview
7	18JR1A0515	DANABOINA BHARGAVI	Interview
8	18JR1A0516	DANNAVARAPU LAKSHMIMOUNIKA	Interview
9	18JR1A0517	DASARI RAMYA	Interview
10	18JR1A0526	G MAHESWARI	Interview
11	18JR1A0527	GUDE KRITHIKA	Interview
12	18JR1A0530	INTURI MADHURI	Toppers Test
13	18JR1A0531	JANAMALA MOUNIKA	Interview
14	18JR1A0533	KALLAM HARIKA	Toppers Test
15	18JR1A0535	ANNAM VENKATESH BABU	Toppers Test
16	18JR1A0540	BONDILI RANA PRATHAP SINGH	Interview
17	18JR1A0555	GAVIRIBOINA SIVASAI	Interview
18	18JR1A0557	GOPIDESI BALACHENNAIAH	Toppers Test
19	18JR1A0560	KATTA SUPRAJA	Interview
20	18JR1A0563	KOMMU LAVANYA	Interview
21	18JR1A0568	KOUSALYA SIVA VYSHNAVI PRIYA	Interview
22	18JR1A0569	KSHATRI BABY LALITHA	Interview
23	18JR1A0575	MADDULA MONIKA	Interview
24	18JR1A0578	MATURI HARITHA SRI	Toppers Test
25	18JR1A0580	NARAMALA SWARNA SRI	Interview
26	18JR1A0581	NARU KAVITHA	Interview
27	18JR1A0582	NISSANKARA RAO VENKATA SAI BALA CHANDRIKA	Toppers Test
28	18JR1A0584	PENTYALA SRI LATHA	Toppers Test
29	18JR1A0590	POTTA GOWRI	Interview

30	18JR1A0597	KOCHARLA RAJA	Toppers Test	
31	18JR1A0599	KOYA ARAVIND	Interview	
32	18JR1A05A0	KRANTHI KUMAR MUNNANGI	Interview	
33	18JR1A05A7	MALLAMPALLI RAGHUVAMSI	Interview	
34	18JR1A05A8	MALLAVARAPU KETHAN KUMAR	Interview	
35	18JR1A05B2	MIDATALA SIVA NAGA RAJU	Interview	
36	18JR1A05B7	PRATHI SUMITHRA	Toppers Test	
37	18JR1A05C0	RAMINENI NAGALAKSHMI	Interview	
38	18JR1A05C3	SAYAPANENI MEGHANA	Toppers Test	
39	18JR1A05D0	SHAIK SALMA RAHIMUNNISA	Interview	
40	18JR1A05D1	SIDDABATHULA DHANA LAKSHMI	Interview	
41	18JR1A05D3	SYED TABASSUM	Interview	
42	18JR1A05D5	TAVVA MONIKA RANI	Toppers Test	
43	18JR1A05D6	THIRUVAYIPATI AMULYA	Interview	
44	18JR1A05D7	THORLIKONDA SAI SUSHMA	Interview	
45	18JR1A05D8	VANDAMASU GNANA MANOGNA	Interview	
46	18JR1A05E4	VENNA RUPA SRI THANMAI	Interview	
47	18JR1A05E6	YARAMOTHU NAVYASAI	Interview	
48	18JR1A05E7	YERUSU VENKATA RAJESWARI	Interview	
49	18JR1A05F3	POTTI VENKATA SIVA SAI SUMANTH	Toppers Test	
50	18JR1A05G5	SHIAK JAFAR SADIK	Toppers Test	
51	18JR1A05H1	THALABATTULA SAMUEL PREM KUMAR	Interview	
52	18JR1A05H3	VAJRALA DAYAKAR REDDY	Interview	
53	18JR1A05H5	Y BADRI	Toppers Test	
54	19JR5A0506	VULLI HANUMANTHA RAO	Interview	
		No.of Students Qualified for Toppers Test	1	4
		No.of Students Qualified for Interview	4	0

54 Total

Training Classes are conducted from 20th-23rd September, 2021 for IV CSE students in connection to Wipro Pool Campus Drive Test scheduled from 25th September 2021.