



**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated by JNTUH,
Accredited by NBA & NAAC with 'A' Grade)




Department of Electronics and Communication Engineering

CIRCULAR

Date: 01-07-2020

Ref cir: ECE/WORKSHOP/01/2020-21

It is hereby informed all the 4th year students of ECE that there will be a workshop on "Analog CMOS Design and its implementation in present applications" from 4th to 5th July 2020 in Auditorium at 9.30AM. Hence it is requested all students to attend the workshop without fail and utilize the opportunity.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


HOD
Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Introduction

Internet of Things (IoT) is a new revolution of the Internet. It is a network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators and network connectivity which are linked to create smart environments. It allows objects to be sensed and controlled remotely across existing network infrastructure. Also, it is creating opportunities for more direct integration of the physical world into computer-based systems, which results in improved efficiency and accuracy.

One of the key learning platforms for IoT is the Raspberry Pi. The RasPi is a popular platform because it offers a complete Linux server in a tiny platform for a very low cost. In fact, one of the most difficult parts of using Raspberry Pi for learning about IoT is picking the right projects with which to begin.

The workshop will give the platform to understand and use Raspberry Pi for IoT applications.

Objectives:

- ❖ Understand the rudiments of IoT
- ❖ Learn the features of Raspberry Pi board
- ❖ Configure Wireless Protocols WiFi, Zigbee, Bluetooth, Lora WAN
- ❖ Familiarise coding structures in Python Programming
- ❖ Interface different sensors with Raspberry Pi
- ❖ Connect Raspberry Pi to a remote access client
- ❖ Configure Raspberry Pi for Web Services
- ❖ Perform Cloud Server Experiments

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Chairman, TKR group of institutions

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Secretary, TKRES.

Sri. T. Amaranath Reddy
Treasurer, TKRES.

CHAIR

Dr. D. V. Ravi Shankar
Principal, TKRCET.

CONVENOR

Dr. D. Nageswar Rao
HOD, Dept. ECE, TKRCET.

COORDINATOR

Dr. M. Girish Kumar
Assoc. Prof., Dept. ECE, TKRCET.

CO-COORDINATOR

Mrs. Sukanya K
Assoc. Prof., Dept. ECE, TKRCET

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A workshop on

Analog CMOS Design and its implementation in present applications

in association with

Matchwell Tech Solutions

Date: 04-07-2020 to 05-07-2020



Organized by

**Department of Electronics and Communication Engineering,
TKRCET, Hyderabad-500097**

TKRCET Hyderabad
Department of Electronics and Communication Engineering
TKRCET, Hyderabad-500097

About the College:

TKR College of Engineering and Technology – a modern temple of learning, an off shoot of the TKR Educational Society was established in the year 2002 in a sprawling, lush green 20-acre campus at Meerpet, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. The College is affiliated to Jawaharlal Nehru Technological University Kukatpally, Hyderabad. It has been approved by AICTE, New Delhi and the State Government of Telangana and has been sanctioned seven UG courses – Civil Engineering, Electrical & Electronics Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering and PG Courses – M.Tech in CSE, PE & MBA. In addition, the College is running second shift Polytechnic in the branches – CIVIL, EEE, MECH, IT, ECE & CSE. The institute became Autonomous in 2016-17. The Institute has been providing a technology enabled teaching-learning environment (Wi-Fi) since 2005. The Institute constantly strives for improvement, competing with the premier institutions of national importance.

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The Department of Electronics and Communication Engineering was established in 2002. It offers to inculcate creative thinking through innovative and group work exercises which enhances the entrepreneur skills, employability and research capabilities. Students are taught how to use and employ innovative design methods and techniques. Exposure to contemporary facets planning, construction design and project management are key aspects of the course. The Department offer Undergraduate course in B.Tech Electronics and communication Engineering with an annual intake of 240.

Course Contents:

- IC Architecture
- Concept and Planning - Power partitioning
- Analog/Digital Interface
- Design Architecture
- Test concept, ESD/EMC concept
- Practical Circuit design issues in Cadence Environment
- Design of Amplifiers.


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Course Outcome:

The participants will be able to develop IoT based applications using Raspberry Pi.

Who can Attend?

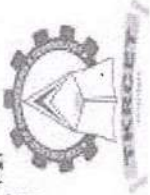
Program is open to faculty members/research scholars/PG students from colleges/universities, and industry personnel working in the concerned/allied discipline.

Contact:

Mrs. Sukanya K,
Co-Coordinator,
Assoc. Professor, ECE Dept.
TKRCET, Hyderabad.
Email: sukanyakurapati@tkrcet.com
Phone no.: +91-9951018558



Principal
TKR College of Engineering & Technology
Medawil, Meerpet, Hyderabad-97.



Certificate of participation

is presented to

for participating in workshop on

Analog CMOS Design and its implementations in present Applications

From 04.07.2020 to 05.07.2020 hosted by department of ECE,TKR College of Engineering and Technology, Hyderabad in Association with Matchwell Technology Solutions.

H. D. Nageshwar Rao
Dr. D. NAGESHWAR RAO
Prof. & HOD ECE
TKRCET

N. Srinivasa Rao
N. SRINIVASA RAO
Sr. Manager - Products
Matchwell Technology Solutions

H
Head of the Department
TKR College of Engineering
& Communication Engineering
(AUTONOMOUS)
TKR College of Engineering & Technology
Medbowl, Meerpet, Hyderabad-97.

N
Principal
TKR College of Engineering & Technology
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Medbowli, Meerpet, Saroornagar, Hyderabad – 500 097

Ph: 040 – 65587536, 65347536, Fax: +91 – 040 – 24094567

Email: info@tkrcet.ac.in Website: www.tkrct.ac.in

DEPARTMENT OF ECE

A WORKSHOP ON “Analog CMOS Design and its implementation in present applications”
(04th and 05th - JULY-2020)

REPORT

Date: 06/07/2020

The Department of ECE has organized a workshop on “Analog CMOS Design and its implementation in present applications” for IV Year students in association with “Matchwell Tech Solutions”.

The workshop has begun with the inaugural session on 04.07.2020 at 09:00 AM by the Principal, Dean (Academics), HoD and Faculty of TKRCET. The keynote and importance of the workshop has been delivered by Mr. N. Srinivas Rao, Senior manager, MTS.

Around 110 students participated in the workshop. The students have gained basic knowledge on CMOS design and demo sessions on it. The topics that are covered in this workshop are: IC Architecture: Concept and Planning - Power partitioning, Analog/Digital Interface, Design Architecture, Test concept, ESD/EMC concept, IC floor-planning, Pin-out, Package on 1st day.

On the 2nd day, Practical Circuit design issues in Cadence Environment (Demo Session).

After the completion of all the sessions of workshop successfully, valedictory function was carried out on the last day. The students gave their feedback of regarding the workshop on every day. We were conducted a QUIZ on workshop related content.

Dr.D.Nageshwar Rao, HoD of ECE is the convener of the workshop.

COORDINATORS:

1. Dr. M. Girish Kumar Assoc. Prof. 


Principal
TKR College of Engineering & Technology
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CONVENOR:

Dr. D. NAGESHWAR RAO


HoD, ECE


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TKR COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ECE
WORKSHOP ON
“ANALOG CMOS DESIGN AND ITS IMPLEMENTATION IN PRESENT
APPLICATIONS”
STUDENT LIST


DATE: 04-07-2020 to 05-07-2020

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE	
			04-07-2020	05-07-2020
1	17K91A0402	AGUVAKASALA GANESH	Ganesh	Ganesh
2	17K91A0403	AKHIL BONTHU	Akhil	Akhil
3	17K91A0404	AKULA PAVAN	Pavan	Pavan
4	17K91A0405	AKUTHOTA SHRAVANI	Shravan	Shravan
5	17K91A0406	ALETI AJAY	Ajay	Ajay
6	17K91A0412	ANUMALLA MANISH	Manish	Manish
7	17K91A0413	ARJA KEERTHI	Keerthi	Keerthi
8	17K91A0418	BALDURI SHARANYA	Shranya	Shranya
9	17K91A0419	BALETI RAMYA	Ramya	Ramya
10	17K91A0420	BANALA MANASA	Manasa	Manasa
11	17K91A0421	BANAVATH NARESH	Nareesh	Nareesh
12	17K91A0422	BANAVATHU LAXMAN NAIK	Laxman	Laxman
13	17K91A0427	BATHENI SUMANTH KUMAR REDDY	Kumar	Kumar
14	17K91A0428	BATHULA SHASHI KUMAR	Shashi	Shashi
15	17K91A0429	BATTU SAI RAJ	Sai	Sai
16	17K91A0432	BOGE PRAHARSHA	Praharsa	Praharsa
17	17K91A0438	CHAKILAM VYSHNAVI	Vyshanavi	Vyshanavi
18	17K91A0439	CHANDRAGIRI ABHISHEK	Abhishek	Abhishek
19	17K91A0440	CHAVA SATYA SAI	Satya Sai	Satya Sai
20	17K91A0441	CHEEPI CHANDU	Chandu	Chandu
21	17K91A0442	CHEGURU CHAITANYA	Chaitanya	Chaitanya
22	17K91A0458	DEVRAJ RAM	Ram	Ram
23	17K91A0459	SALLA SUSHMITHA	Sush	Sush
24	17K91A0460	DOLAKANAGARI SAIDEEP	Saideep	Saideep
25	17K91A0462	DUDAM GAYATHRI	Gayathri	Gayathri
26	17K91A0463	DUDAM PRAVEEN KUMAR	Praaveen	Praaveen
27	17K91A0465	DUNNA AMARENDER	Amarender	Amarender
28	17K91A0466	EEGA MANALI	Manali	Manali
29	17K91A0467	EGA NAVYA	Navya	Navya
30	17K91A0468	ELKA AKHIL	Akhil	Akhil
31	17K91A0485	JALAGAM MAHESH	Mahesh	Mahesh
32	17K91A0486	JANNU SAI RITWIK	Sairitwik	Sairitwik
33	17K91A0487	K DIVYA SRAVANI	Sravani	Sravani
34	17K91A0488	K INDRANI	Indrani	Indrani


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 TKR College of Engineering & Technology
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35	17K91A0494	KAMAL NIMISHA	Nimisha	Nimisha
36	17K91A0495	KAMEPALLI SAIVENKATESH	Sai	Sai
37	17K91A0496	KAMMARI GOUTHAM	Goutham	Goutham
38	17K91A04A2	KASPA RUPESH KUMAR	Rupesh	Rupesh
39	17K91A04A3	KATTA LOKESH	Lokesh	Lokesh
40	17K91A04A7	KONGARI DEEPA	Deepa	Deepa
41	17K91A04A8	KONNE MANISHA	Manisha	Manisha
42	17K91A04B2	KOTTHAKAPU GAYATHRI	Gayathri	Gayathri
43	17K91A04B3	KUKKALA DEVA	Deva	Deva
44	17K91A04B4	KUMMARI KAVYA	Kavya	Kavya
45	17K91A04B5	KUNCHALA DHANASREE	Dhanasree	Dhanasree
46	17K91A04B6	KURELLA AISHWARYA	Aishwarya	Aishwarya
47	17K91A04B7	M HARSHINI	Harshini	Harshini
48	17K91A04C1	MADINALA ARUN KUMAR	Arun	Arun
49	17K91A04C2	MADUGULA LAHARI	Lahari	Lahari
50	17K91A04C3	MALKAJGIRI MANISH CHANDRA	Manish	Manish
51	17K91A04C6	MANCHIKATLA SUMA	Suma	Suma
52	17K91A04C7	MANDADI BHARATH REDDY	Bharath	Bharath
53	17K91A04E0	MUNIGANTI AJAY KUMAR	Ajay	Ajay
54	17K91A04E1	MUSALA SAI KIRAN	Sai	Sai
55	17K91A04E2	NAKKA SURESH TEJA	Suresh	Suresh
56	17K91A04F2	P SAI SHANKAR PRASAD	Shankar	Shankar
57	17K91A04F3	P SAI VARUN	Varun	Varun
58	17K91A04F8	KALLURI VIDYA	Vidya	Vidya
59	17K91A04G4	POSHALA HARIKA	Harika	Harika
60	17K91A04G5	PRIYANKA PATIL	Priyanka	Priyanka
61	17K91A04G6	PULIJALA KEERTHANA	Keethana	Keethana
62	17K91A04G8	RAFATH UNNISA BEGUM	Unnisa	Unnisa
63	17K91A04G9	RAJAGIRI BHARGAVI	Bhargavi	Bhargavi
64	17K91A04H1	RATHLAVATH DEEPA	Deepa	Deepa
65	17K91A04H2	REDDYREDDY SAI CHANDANA	Sai	Sai
66	17K91A04H3	REPAKULA PRAVEEN	Praveen	Praveen
67	17K91A04H4	S SAJID	Sajid	Sajid
68	17K91A04H5	SAIVISHAL MANDHAPURAM	Mandhapuram	Mandhapuram
69	17K91A04H6	SANDIRI PRATHYUSHA	Prathyusha	Prathyusha
70	17K91A04H7	SAVASANI VIGNYA REDDY	Vignya	Vignya
71	17K91A04H8	SEELAM HANUMANATHA REDDY	Hanumanath	Hanumanath
72	17K91A04H9	SEELAM SURENDER REDDY	Surender	Surender
73	17K91A04J0	SEERLA ANUSHA	Anusha	Anusha
74	17K91A04J7	SIRIGIRI SAI KISHORE	Sai	Sai
75	17K91A04J8	SRIKANTH VANGALA	Srikanth	Srikanth
76	17K91A04J9	SRIPATHI NIKITHA	Nikitha	Nikitha
77	17K91A04K0	SUJITH THUMULA	Sujith	Sujith
78	17K91A04K1	TALLAPELLI ASHISH	Ashish	Ashish
79	17K91A04K2	TAMMALI ABHINAV	Abhinav	Abhinav


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80	17K91A04K6	THADUKA AJAY KUMAR	Ajay	Ajay
81	17K91A04K8	THAMMALI SAIRAM	Sairam	Sairam
82	17K91A04K9	THANGALLAPALLY AKHILA	Akhila	Akhila
83	17K91A04L4	USHAKE SOWMYA	Sowmya	Sowmya
84	17K91A04L6	VANGAPALLI UTHKARSHA	Uthkarsha	Uthkarsha
85	17K91A04L8	VARKALA MALLIKA	Mallika	Mallika
86	17K91A04L9	VARSHITHA VADAPALLY	Vandapally	Vandapally
87	17K91A04M1	VEERAVALLI VARUN SAI	Varun	Varun
88	17K91A04M2	VEGINATI SAI SPANDANA	Sai	Sai
89	17K91A04M3	VODNALA SUSMITHA	Susmitha	Susmitha
90	17K91A04M4	VOLETI NANDINI	Nandini	Nandini
91	17K91A04M6	YALAGANDULA SAHITHI	Sahithi	Sahithi
92	17K91A04M7	YANNAM RAJESH REDDY	Rajesh	Rajesh
93	17K91A04M8	YARRAMADA SAI KIRAN REDDY	Sai	Sai
94	18K95A0401	ADDAGULLA SANDEEP	Sandeep	Sandeep
95	18K95A0402	ALE SANJANA	Sanjana	Sanjana
96	18K95A0404	ANUMULA SAIHARI	Saihari	Saihari
97	18K95A0405	APARADHA ANJALI	Anjali	Anjali
98	18K95A0406	ARAVALLI SRIRAMYA	Sriramya	Sriramya
99	18K95A0411	BANDI PAVANI	Pavani	Pavani
100	18K95A0412	BHUSANI SANDEEP	Sandeep	Sandeep
101	18K95A0413	DUSA SARASWATHI	Sara	Sara
102	18K95A0414	DYAVERSHETTY HIMANI	Himani	Himani
103	18K95A0415	ESLAVATHU SAI PRIYANKA	Priyanka	Priyanka
104	18K95A0418	GIDUGU HARITHA DEVI	Haritha	Haritha
105	18K95A0419	GOPALA RAJU	Raju	Raju
106	18K95A0422	GUNDEMONI SHIVA KUMAR	Shiva	Shiva
107	18K95A0423	JAMMU DEVENDER	Devender	Devender
108	18K95A0424	K SOWMYA	Sowmya	Sowmya
109	18K95A0441	UYYALA SRILAXMI	Laxmi	Laxmi
110	18K95A0442	VEGI ROJA	Roja	Roja


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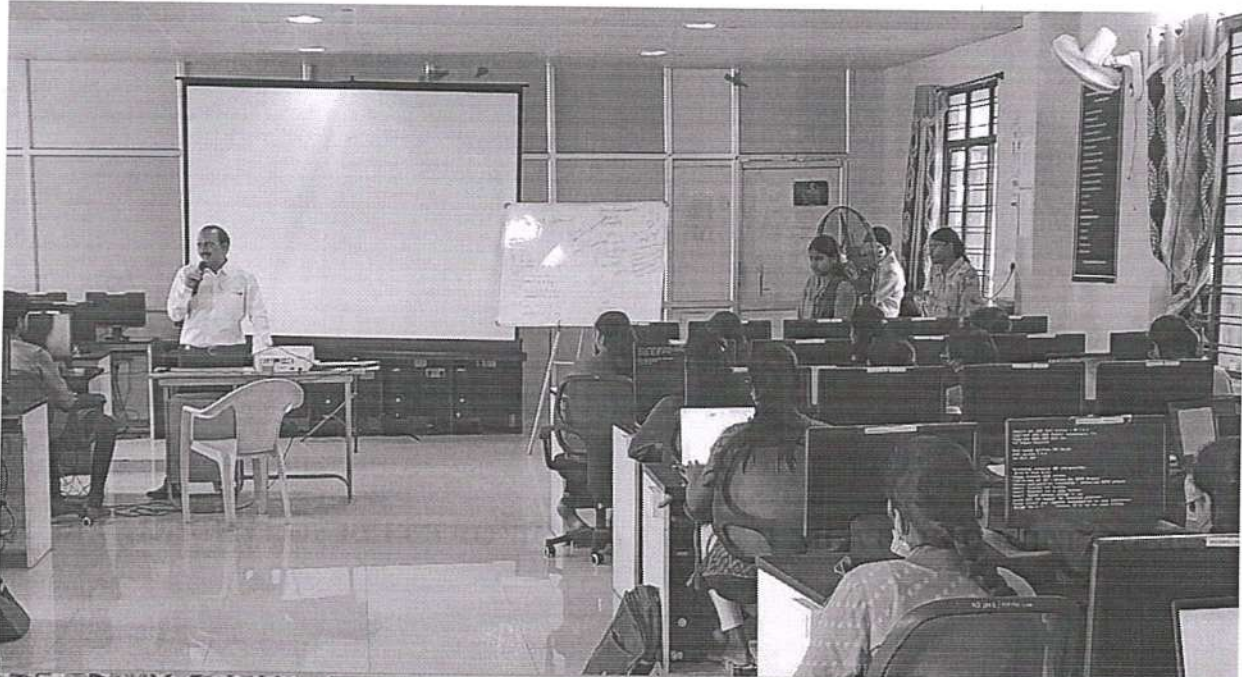


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Meerpet, Telangana, India

UG BLOCK, TKR COLLEGE OF ENGINEERING & TECHNOLOGY,
Raghava Nagar Colony, Hanuman Nagar Colony, Medbowli,
Telangana 500097, India

Lat 17.322787°

Long 78.535234°

04/07/20 03:27 PM GMT +05:30

Workshop on Analog CMOS Design and its implementation in present applications was conducted by TKR College of Engineering and Technology on 04/07/2020 by Mrs. Dhanalaxmi, Matchwell Technologies pvt. Ltd.

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
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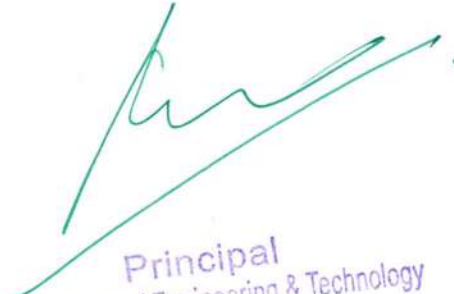
Department of Electronics and Communication Engineering

CIRCULAR

Date: 08-03-2021

Ref cir: ECE/WORKSHOP/03/2020-21

It is hereby informed all the 4th year students of ECE that there will be an Awareness program on "industry oriented mini project on VLSI" from 13th to 14th March 2021 in Auditorium at 9.30AM. Hence it is requested all students to attend the workshop without fail and utilize the opportunity.


Principal
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HOD
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Introduction

Very-large-scale integration (VLSI) is the way toward making a coordinated circuit (IC) by joining a huge number of semiconductors into a solitary chip. VLSI started during the 1970s when complex semiconductor and correspondence advancements were being created. The chip is a VLSI gadget.

Prior to the presentation of VLSI innovation, most ICs had a restricted arrangement of capacities they could perform. An electronic circuit may comprise a CPU, ROM, RAM, and another paste rationale. VLSI lets IC fashioners add these into one chip.

The hardware business has accomplished a wonderful development throughout the most recent couple of many years, chiefly because of the fast advances in enormous scope reconciliation advances and framework plan applications. With the appearance of exceptionally huge scope joining (VLSI) plans, the quantity of uses of incorporated circuits (ICs) in superior registering, controls, broadcast communications, picture and video preparing, and buyer hardware has been ascending at an extremely quick movement.

Objectives:

- ❖ Understand the fundamentals in VLSI
- ❖ Learn the features of XILINX ISE
- ❖ Configure CADENCE tools
- ❖ Familiarise digital coding structures in XILINX ISE
- ❖ Introduction to scripting commands (Linux)
- ❖ Design of Analog blocks


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CHAIR

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CONVENOR

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HOD, Dept. ECE, TKRCET.

COORDINATOR

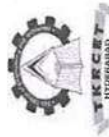
Mr. A. Vikas
Assoc. Prof., Dept. ECE, TKRCET.



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An Awareness Program

on

**Industry oriented project
work on VLSI**

in association with

Matchwell Tech Solutions

Date: 13.03.2021 to 14.03.2021



Organized by

**Department of Electronics and
Communication Engineering,
TKRCET, Hyderabad-500097**

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Course Contents:

- Verilog HDL
- Programming models.
- Designing the digital logic blocks
- Synthesis
- Simulation procedure

14-67

Head of the Department
Electronics & Communication Engineering
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Course Outcome:

- The participants will be able to develop IoT based applications using Raspberry Pi.

Who can Attend?

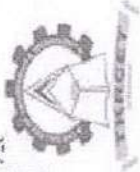
Program is open to faculty members/research scholars/UG students from colleges/universities.

Contact:

Mr A. Vikas
Co-Coordinator,
Assoc. Professor, ECE Dept.
TKRCET, Hyderabad.
Email: vikasambekar@tkrcet.com
Phone no.: +91-9704117789



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(AUTONOMOUS)
TKR College of Engineering & Technology
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Certificate of participation

is presented to

_____ for participating in the webinar
Awareness Program on

Industry Oriented Project Work on VLSI

From 13-03-2021 to 14-03-2021 hosted by department of ECE TKR College of Engineering and Technology, Hyderabad in Association with Matchwell Technology Solutions.

Handwritten signature

Dr. D. NAGESHWAR RAO
Prof. & HOD ECE
TKRCET

Handwritten signature

N. SRINIVASA RAO
Sr. Manager - Products
Matchwell Technology Solutions

Handwritten signature

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
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Handwritten signature
Principal
(AUTONOMOUS)
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-97.



TKR COLLEGE OF ENGINEERING & TECHNOLOGY

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Medbowli, Meerpet, Saroornagar, Hyderabad – 500 097
Ph: 040 – 65587536, 65347536, Fax: +91 – 040 – 24094567
Email: info@tkrcet.ac.in Website: www.tkrcet.ac.in

DEPARTMENT OF ECE

An Awareness Programme on “Industry oriented project work on VLSI”
(13 to 14 - MARCH-2021)

REPORT

Date: 15/03/2021

The Department of ECE has organized An Awareness Programme on Industry oriented project work on VLSI for III Year students in association with “**Matchwell Tech Solutions**”.

The workshop has begun with the inaugural session on 13.03.2021 at 09:00 AM by the Principal, Dean (Academics), HoD and Faculty of TKRCET. The keynote and importance of the workshop has been delivered by Mr. N. Srinivas Rao, Senior manager, MTS.

Around 60 students participated in the workshop. The students have gained basic knowledge on VLSI design methodology and related project implementations. The topics that are covered in this workshop are: Verilog HDL, Programming models, simulation on 1st day.

On the 2nd day, Practical implementation issues in Xilinx ISE Environment and logic implementation techniques were discussed along with recent research areas in VLSI to do a project along with document writing and paper writing using the LATEX editor has been discussed.

After the completion of all the sessions successfully, valedictory function was carried out on the last day. The students gave their feedback of regarding the workshop on every day.

Dr.D.Nageshwar Rao, HoD of ECE is the convener of the workshop.


COORDINATORS

Mr.A. Vikas
Assoc.Prof.


CONVENOR

Dr.D.NAGESHWAR RAO
HoD,ECE


PRINCIPAL

Dr. D.V. RAVISHANKER

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

TKR COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ECE

WORKSHOP ON

“AWARENESS PROGRAM ON INDUSTRY ORIENTED MINI PROJECT ON VLSI”

STUDENT LIST

DATE: 13-03-2021 to 14-03-2021

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE	
			13-03-2021	14-03-2021
1	17K91A0402	AGUVAKASALA GANESH	Ganesh	Ganesh
2	17K91A0403	AKHIL BONTHU	Akhil	Akhil
3	17K91A0404	AKULA PAVAN	Pavan	Pavan
4	17K91A0405	AKUTHOTA SHRAVANI	Shravan	Shravan
5	17K91A0406	ALETI AJAY	Ajay	Ajay
6	17K91A0412	ANUMALLA MANISH	Manish	Manish
7	17K91A0413	ARJA KEERTHI	Keerthi	Keerthi
8	17K91A0418	BALDURI SHARANYA	Sharanya	Sharanya
9	17K91A0428	BATHULA SHASHI KUMAR	Shashi	Shashi
10	17K91A0429	BATTU SAI RAJ	Sai Raj	Sai Raj
11	17K91A0432	BOGE PRAHARSHA	Praharsa	Praharsa
12	17K91A0438	CHAKILAM VYSHNAVI	Vyshu	Vyshu
13	17K91A0439	CHANDRAGIRI ABHISHEK	Abhishek	Abhishek
14	17K91A0440	CHAVA SATYA SAI	Sai	Sai
15	17K91A0460	DOLAKANAGARI SAIDEEP	Saideep	Saideep
16	17K91A0462	DUDAM GAYATHRI	Gayathri	Gayathri
17	17K91A0463	DUDAM PRAVEEN KUMAR	Praveen	Praveen
18	17K91A0465	DUNNA AMARENDER	Amarender	Amarender
19	17K91A0466	EEGA MANALI	Manali	Manali
20	17K91A0486	JANNU SAI RITWIK	Sai Ritwik	Sai Ritwik
21	17K91A0487	K DIVYA SRAVANI	Divya	Divya
22	17K91A0488	K INDRANI	Indrani	Indrani
23	17K91A0494	KAMAL NIMISHA	Nimisha	Nimisha
24	17K91A0495	KAMEPALLI SAIVENKATESH	Sai Venkatesh	Sai Venkatesh
25	17K91A0496	KAMMARI GOUTHAM	Goutham	Goutham
26	17K91A04A2	KASPA RUPESH KUMAR	Rupesh	Rupesh
27	17K91A04A3	KATTA LOKESH	Lokesh	Lokesh
28	17K91A04A7	KONGARI DEEPA	Deepa	Deepa
29	17K91A04A8	KONNE MANISHA	Manisha	Manisha
30	17K91A04B2	KOTTHAKAPU GAYATHRI	Gayathri	Gayathri
31	17K91A04B3	KUKKALA DEVA	Deva	Deva
32	17K91A04B4	KUMMARI KAVYA	Kavya	Kavya
33	17K91A04B5	KUNCHALA DHANASREE	Dhanasree	Dhanasree
34	17K91A04B6	KURELLA AISHWARYA	Aishwarya	Aishwarya
35	17K91A04C6	MANCHIKATLA SUMA	Suma	Suma
36	17K91A04C7	MANDADI BHARATH REDDY	Bharath	Bharath

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097

37	17K91A04E0	MUNIGANTI AJAY KUMAR	Ajay	Ajay
38	17K91A04E1	MUSALA SAI KIRAN	Sai	Sai
39	17K91A04E2	NAKKA SURESH TEJA	Tyr	Teja
40	17K91A04F2	P SAI SHANKAR PRASAD	Prasad	Prasad
41	17K91A04H1	RATHLAVATH DEEPA	Deepa	Deepa
42	17K91A04H2	REDDYREDDY SAI CHANDANA	Chandana	Chandana
43	17K91A04H3	REPAKULA PRAVEEN	Praveen	Praveen
44	17K91A04H4	S SAJID	Sajid	Sajid
45	17K91A04H5	SAIVISHAL MANDHAPURAM	Vishal	Vishal
46	17K91A04J7	SIRIGIRI SAI KISHORE	Kishore	Kishore
47	17K91A04J8	SRIKANTH VANGALA	Kanth	Kanth
48	17K91A04J9	SRIPATHI NIKITHA	Nikitha	Nikitha
49	17K91A04K0	SUJITH THUMULA	Jith	Jith
50	17K91A04K1	TALLAPELLI ASHISH	Ashish	Ashish
51	17K91A04K2	TAMMALI ABHINAY	Abhinav	Abhinav
52	17K91A04K6	THADUKA AJAY KUMAR	Ajay	Ajay
53	17K91A04K8	THAMMALI SAIRAM	Sairam	Sairam
54	17K91A04K9	THANGALLAPALLY AKHILA	Akhila	Akhila
55	17K91A04L4	USHAKE SOWMYA	Sowmya	Sowmya
56	18K95A0402	ALE SANJANA	Sanjana	Sanjana
57	18K95A0414	DYAVERSHETTY HIMANI	Himani	Himani
58	18K95A0424	K SOWMYA	Sowmya	Sowmya
59	18K95A0449	GANDRAPATI ARUN REDDY	Arun	Arun
60	18K95A0452	NANDIGAN KAVYA SREE	Kavya	Kavya

Y-g

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal

TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097

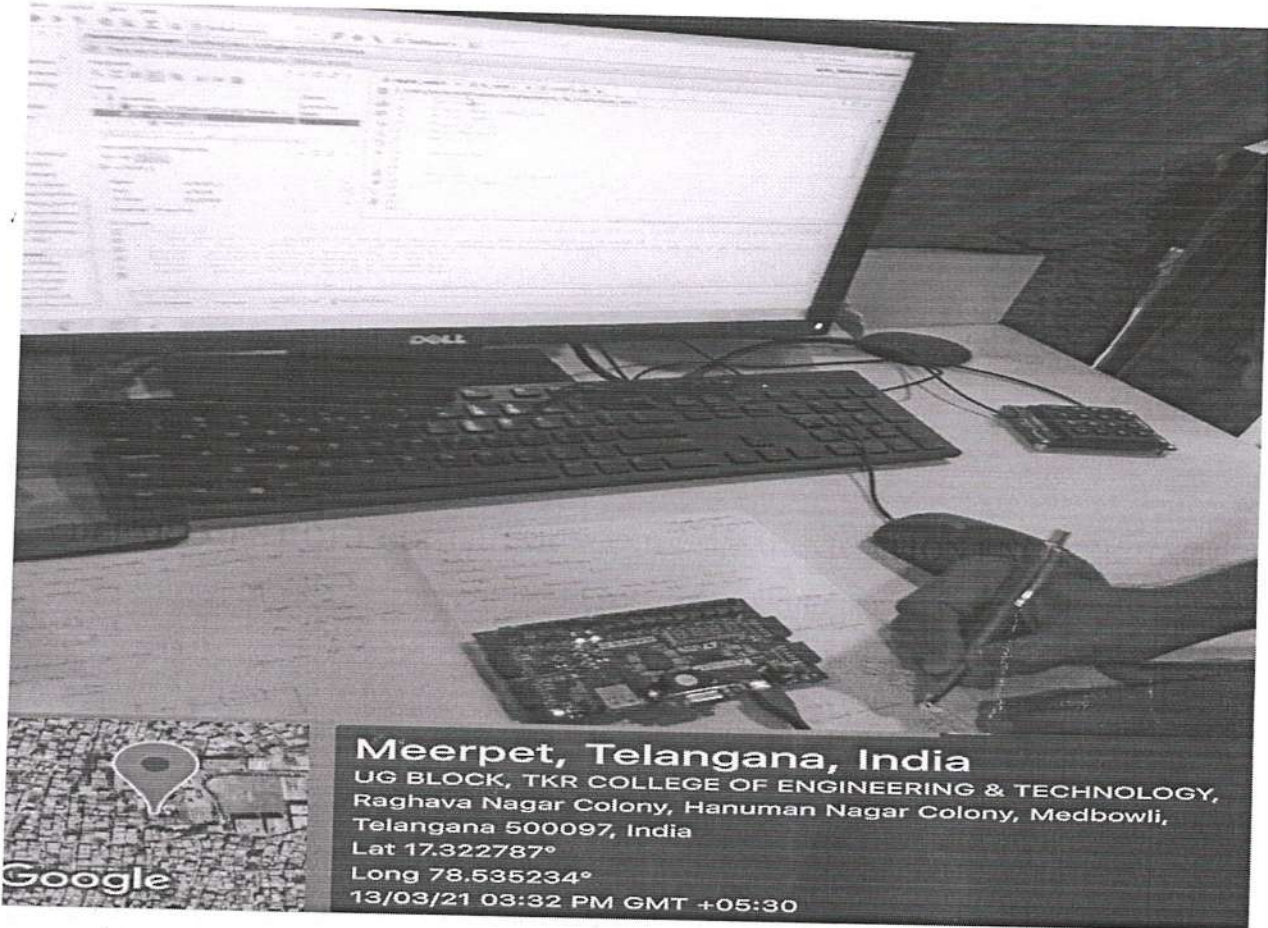


TKR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Workshop on Awareness program on Industry oriented mini project on VLSI was conducted by TKR College of Engineering & Technology on 13/03/2021 by Matchwell Technologies pvt. Ltd.

4 ←

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



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Department of Electronics and Communication Engineering

CIRCULAR

Date: 02-03-2021

Ref cir: ECE/WORKSHOP/02/2020-21

It is hereby informed all the 4th year students of ECE that there will be an Awareness program on “industry oriented mini project on Embedded Systems” from 06th to 07th March 2021 in Auditorium at 9.30AM. Hence it is requested all students to attend the workshop without fail and utilize the opportunity.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

HOD
Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Introduction

Embedded System is an integrated system that is formed as a combination of computer hardware and software for a specific function. It can be said as a dedicated computer system has been developed for some particular reason. But it is not our traditional computer system or general-purpose computers, these are the Embedded systems that may work independently or attached to a larger system to work on a few specific functions. These embedded systems can work without human intervention or with little human intervention.

Important Characteristics of an Embedded System: Performs specific task. Embedded systems perform some specific function or tasks. **Low Cost:** The price of an embedded system is not so expensive. **Time Specific:** It performs the tasks within a given time.

Objectives:

- Programming on Embedded C
- KEIL programming
- research areas in Embedded systems
- Technical paper writing
- LATEX editing



Head of the Department
Electronics & Communication Engineering
TKRCET (Autonomous)
Meerpet, Hyderabad-500097

CHIEF PATRONS

Sri T. Krishna Reddy
Chairman, TKR group of institutions

PATRONS

Dr. T. Harinath Reddy
Secretary, TKRES.

Sri. T. Amaranath Reddy
Treasurer, TKRES.

CHAIR

Dr. D. V. Ravi Shankar
Principal, TKRCET.

CONVENOR

Dr. D. Nageshwar Rao
HOD, Dept. ECE, TKRCET.

COORDINATOR

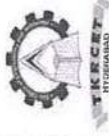
Mrs. K.SudhaRani
Assoc. Prof., Dept. ECE, TKRCET.



Principal
TKRCET (Autonomous)
Meerpet, Hyderabad-500097

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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An Awareness Program

ON

Industry oriented project
work on Embedded systems

in association with

Matchwell Tech Solutions

Date: 06.03.2021 to 07.03.2021



Organized by

Department of Electronics and
Communication Engineering,
TKRCET, Hyderabad-500097

About the College:

TKR College of Engineering and Technology – a modern temple of learning, an off shoot of the TKR Educational Society was established in the year 2002 in a sprawling, lush green 20-acre campus at Meerpet, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. The College is affiliated to Jawaharlal Nehru Technological University Kukatpally, Hyderabad. It has been approved by AICTE, New Delhi and the State Government of Telangana and has been sanctioned seven UG courses – Civil Engineering, Electrical & Electronics Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering and PG Courses – M.Tech in CSE, PE & MBA. In addition, the College is running second shift Polytechnic in the branches – CIVIL, EEE, MECH, IT, ECE & CSE. The institute became Autonomous in 2016-17. The Institute has been providing a technology enabled teaching-learning environment (Wi-Fi) since 2005. The Institute constantly strives for improvement, competing with the premier institutions of national importance.

About the Department:

The Department of Electronics and Communication Engineering was established in 2002. It offers to inculcate creative thinking through innovative and group work exercises which enhances the entrepreneur skills, employability and research capabilities. Students are taught how to use and employ innovative design methods and techniques. Exposure to contemporary facets planning, construction design and project management are key aspects of the course. The Department offer Undergraduate course in B.Tech Electronics and communication Engineering with an annual intake of 240.

Course Contents:

- Programming on Embedded C
- KEIL programming and interfacing
- Trending areas in Embedded systems
- Technical paper writing



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Electronics & Communication Engineering
TKR College of Engineering
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Meerpet, Hyderabad-500017

Course Outcome:

- The participants will be able to develop IoT based applications using Raspberry Pi.

Who can Attend?

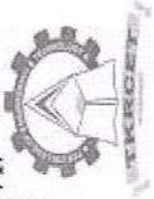
Program is open to faculty members/research scholars/UG students from colleges/universities.

Contact:

Mrs. K.SudhaRani
Co-Coordinator,
Assoc. Professor, ECE Dept.
TKRCET, Hyderabad.
Email: ece@tkrcet.com
Phone no.: +91-8639124130



Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Meerpet, Hyderabad-500017



Certificate of participation

is presented to

for participating in the webinar
Awareness Program on

Industry Oriented Project Work on Embedded Systems

From 06.03.2021 to 07.03.2021 hosted by department of ECE TKR College of Engineering and Technology, Hyderabad in Association with Matchwell Technology Solutions.

Dr. D. NAGESHWAR RAO
Prof. & HOD ECE
TKRCET

N. SRINIVASA RAO
Sr. Manager - Products
Matchwell Technology Solutions

Head of the Department
Engineering
Electronics & Communication & Technology
TKR College of Engineering (AUTONOMOUS)
(Mecberpet, Hyderabad-97.
www.tkr.edu.in)

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Mecberpet, Hyderabad-97.



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Medbowli, Meerpet, Saroornagar, Hyderabad – 500 097

Ph: 040 – 65587536, 65347536, Fax: +91 – 040 – 24094567

Email: info@tkrcet.ac.in Website: www.tkrcet.ac.in

DEPARTMENT OF ECE

An Awareness Programme on “Embedded systems”

(06.03.2021 to 07.03.2021)

REPORT

Date: 08/03/2021

The Department of ECE has organized An Awareness Programme on Industry oriented project work on Embedded systems for III Year students in association with “Matchwell Tech Solutions, Hyderabad”.

The workshop has begun with the inaugural session on 06.03.2021 at 2.00 PM by the Principal, Dean (Academics), HoD and Faculty of TKRCET. The keynote and importance of the workshop has been delivered by Mr. N. Srinivas Rao, Senior manager, MTS.

Around 86 students participated in the workshop. The students have gained basic knowledge on Embedded C, KEIL cross-compiler and related project implementations. The topics covered are Embedded C and KEIL programming on Day-1.

On the 2nd day, Practical programming using KEIL Environment and implementation techniques were discussed, recent research areas in Embedded systems to do a project along with document writing and paper writing using the LATEX editor has been discussed.

After the completion of all the sessions successfully, valedictory function was carried out on the last day. The students gave their feedback of regarding the workshop on every day.

Dr.D.Nageshwar Rao, HoD of ECE is the convener of the workshop.


COORDINATORS

Mrs.K.SUDHARANI
Assoc.Prof.


CONVENOR

Dr.D.NAGESHWAR RAO
HoD,ECE

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


PRINCIPAL

Dr. D.V. RAVISHANKER

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


TKR COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ECE
WORKSHOP ON
“AWARENESS PROGRAM ON INDUSTRY ORIENTED MINI PROJECT ON
EMBEDDED SYSTEMS ”
STUDENT LIST

DATE: 06-03-2021 to 07-03-2021

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE	
			06-03-2021	07-03-2021
1	17K91A0402	AGUVAKASALA GANESH	Ganesh	ganesh
2	17K91A0403	AKHIL BONTHU	Akhil	Akhil
3	17K91A0404	AKULA PAVAN	Pavan	Pavan
4	17K91A0405	AKUTHOTA SHRAVANI	Shra	Shra
5	17K91A0406	ALETI AJAY	Ajay	Ajay
6	17K91A0412	ANUMALLA MANISH	Manish	Manish
7	17K91A0413	ARJA KEERTHI	Keerthi	Keerthi
8	17K91A0418	BALDURI SHARANYA	Sharanya	sharanya
9	17K91A0428	BATHULA SHASHI KUMAR	Shashi	shashi
10	17K91A0429	BATTU SAI RAJ	Sai Raj	Sai Raj
11	17K91A0432	BOGE PRAHARSHA	Praharsa	Praharsa
12	17K91A0438	CHAKILAM VYSHNAVI	Vysh	Vysh
13	17K91A0439	CHANDRAGIRI ABHISHEK	Abhishek	Abhishek
14	17K91A0440	CHAVA SATYA SAI	Satya	Satya
15	17K91A0460	DOLAKANAGARI SAIDEEP	Saideep	Saideep
16	17K91A0462	DUDAM GAYATHRI	Gayathri	Gayathri
17	17K91A0463	DUDAM PRAVEEN KUMAR	Praveen	Praveen
18	17K91A0465	DUNNA AMARENDER	Amarendar	Amarendar
19	17K91A0466	EEGA MANALI	Manali	Manali
20	17K91A0486	JANNU SAI RITWIK	Sai	Sai
21	17K91A0487	K DIVYA SRAVANI	Divya	Divya
22	17K91A0488	K INDRANI	Indrani	Indrani
23	17K91A0494	KAMAL NIMISHA	Nimisha	nimisha
24	17K91A0495	KAMEPALLI SAIVENKATESH	Sai	Sai
25	17K91A0496	KAMMARI GOUTHAM	Goutham	Goutham
26	17K91A04A2	KASPA RUPESH KUMAR	Rupesh	Rupesh
27	17K91A04A3	KATTA LOKESH	lokesh	lokesh
28	17K91A04A7	KONGARI DEEPA	Deepa	Deepa
29	17K91A04A8	KONNE MANISHA	manisha	manisha
30	17K91A04B2	KOTTHAKAPU GAYATHRI	gayathri	gayathri
31	17K91A04B3	KUKKALA DEVA	Deva	Deva
32	17K91A04B4	KUMMARI KAVYA	Kavya	Kavya
33	17K91A04B5	KUNCHALA DHANASREE	Dhanasree	Dhanasree
34	17K91A04B6	KURELLA AISHWARYA	Aishwarya	Aishwarya



Head of the Department
 Electronics & Communication Engineering
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-97.



Principal
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-97.

35	17K91A04C6	MANCHIKATLA SUMA	Suma	Suma
36	17K91A04C7	MANDADI BHARATH REDDY	Bharath	Bharath
37	17K91A04E0	MUNIGANTI AJAY KUMAR	Ajay	Ajay
38	17K91A04E1	MUSALA SAI KIRAN	Sai	Sai
39	17K91A04E2	NAKKA SURESH TEJA	Teja	Teja
40	17K91A04F2	P SAI SHANKAR PRASAD	Shankar	Shankar
41	17K91A04H1	RATHLAVATH DEEPA	Deepa	Deepa
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43	17K91A04H3	REPAKULA PRAVEEN	Praveen	Praveen
44	17K91A04H4	S SAJID	Sajid	Sajid
45	17K91A04H5	SAIVISHAL MANDHAPURAM	Sai	Sai
46	17K91A04J7	SIRIGIRI SAI KISHORE	Kishore	Kishore
47	17K91A04J8	SRIKANTH VANGALA	Srikanth	Srikanth
48	17K91A04J9	SRIPATHI NIKITHA	Nikitha	Nikitha
49	17K91A04K0	SUJITH THUMULA	Sujith	Sujith
50	17K91A04K1	TALLAPELLI ASHISH	Ashish	Ashish
51	17K91A04K2	TAMMALI ABHINAY	Abhinay	Abhinay
52	17K91A04K6	THADUKA AJAY KUMAR	Ajay	Ajay
53	17K91A04K8	THAMMALI SAIRAM	Sai Ram	Sai Ram
54	17K91A04K9	THANGALLAPALLY AKHILA	Akhila	Akhila
55	17K91A04L4	USHAKE SOWMYA	Sowmya	Sowmya
56	17K91A04L6	VANGAPALLI UTHKARSHA	Uthkarsha	Uthkarsha
57	17K91A04L8	VARKALA MALLIKA	Mallika	Mallika
58	17K91A04L9	VARSHITHA VADAPALLY	Varshitha	Varshitha
59	17K91A04M1	VEERAVALLI VARUN SAI	Varun	Varun
60	17K91A04M2	VEGINATI SAI SPANDANA	Spandana	Spandana
61	17K91A04M3	VODNALA SUSMITHA	Susmitha	Susmitha
62	17K91A04M4	VOLETI NANDINI	Nandini	Nandini
63	17K91A04M6	YALAGANDULA SAHITHI	Sahithi	Sahithi
64	17K91A04M7	YANNAM RAJESH REDDY	Rajesh	Rajesh
65	17K91A04M8	YARRAMADA SAI KIRAN REDDY	Sai Kiran	Sai Kiran
66	18K95A0401	ADDAGULLA SANDEEP	Sandeep	Sandeep
67	18K95A0402	ALE SANJANA	Sanjana	Sanjana
68	18K95A0404	ANUMULA SAIHARI	Saihari	Saihari



Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

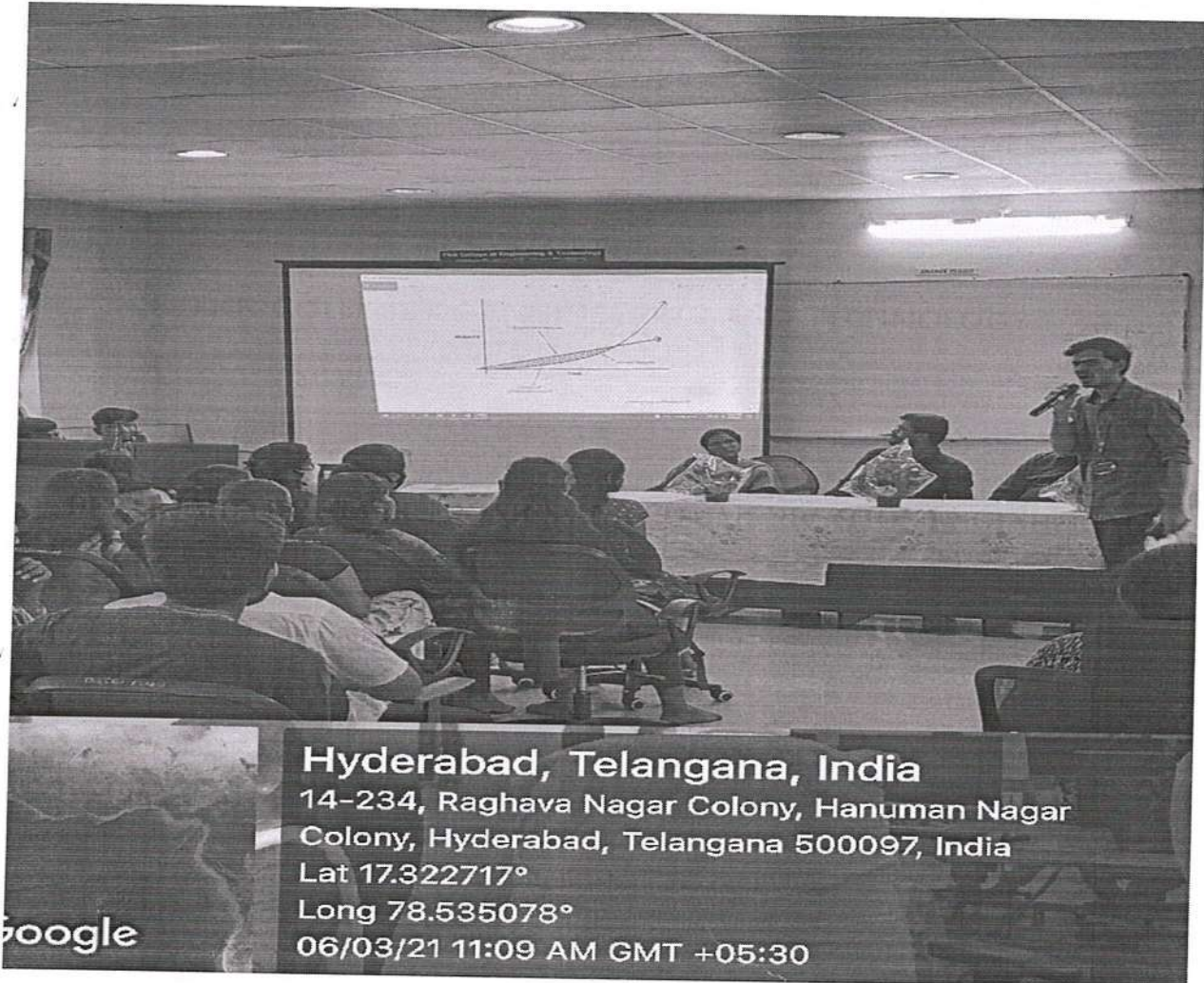


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Hyderabad, Telangana, India

14-234, Raghava Nagar Colony, Hanuman Nagar
Colony, Hyderabad, Telangana 500097, India

Lat 17.322717°

Long 78.535078°

06/03/21 11:09 AM GMT +05:30

Workshop on Awareness program on Industry oriented mini project on Embedded systems was conducted by TKR College of Engineering and Technology on 06/03/2021 by Matchwell Technologies pvt. Ltd.

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



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Department of Electronics and Communication Engineering

CIRCULAR

Date: 16-03-2021

Ref cir:ECE/WORKSHOP/04/2020-21

It is hereby informed all the 3rd year students of ECE that there will be a "Awareness program on industry oriented mini project on signal processing" from 20th to 21st MARCH 2021 in Auditorium at 9.30AM. Hence it is requested all students to attend the workshop without fail and utilize the opportunity.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

HOD

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Introduction

Signal Processing provides a comprehensive set of reference-standard algorithms and workflow apps for image processing, analysis, visualization, and algorithm development. You can perform image segmentation, image enhancement, noise reduction, geometric transformations, and image registration using deep learning and traditional image processing techniques. The toolbox supports processing of 2D, 3D, and arbitrarily large images.

Image Processing Toolbox apps let you automate common image processing workflows. You can interactively segment image data, compare image registration techniques, and batch-process large datasets. Visualization functions and apps let you explore images, 3D volumes, and videos; adjust contrast; create histograms; and manipulate regions of interest (ROIs).

You can accelerate your algorithms by running them on multicore processors and GPUs. Many toolbox functions support C/C++ code generation for desktop prototyping and embedded vision system deployment.

Objectives:

- Creating discrete signals
- Sampling and resampling
- Visualizing signals
- Modeling noise
- Performing resampling, modulation, and correlation
- Generating streaming signals

CHIEF PATRONS

Sri T. Krishna Reddy
Chairman, TKR group of institutions

PATRONS

Dr. T. Harinath Reddy
Secretary, TKRES.

Sri. T. Amaranath Reddy
Treasurer, TKRES.

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Dr. D. V. Ravi Shankar
Principal, TKRCET.

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Dr. D. Nageswar Rao
HOD, Dept. ECE, TKRCET.

COORDINATOR

Mrs. G. Anitha Chowdary
Assoc. Prof., Dept. ECE, TKRCET.

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institute Affiliated to JNTU(H))
Approved By AICTE, Accredited By NBA
Accredited by NAAC with 'A' Grade



An Awareness Program

ON

**Industry oriented project
work on Signal
Processing
in association with**

Matchwell Tech Solutions

Date: 20.03.2021 to 21.03.2021



Organized by

**Department of Electronics and
Communication Engineering,
TKRCET, Hyderabad-500097**

(Handwritten signature in green ink)
Principal
TKRCET College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

(Handwritten signature in blue ink)
Head of the Department
Electronics & Communication Engineering
TKRCET College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-97.

About the College:


TKR College of Engineering and Technology – a modern temple of learning, an off shoot of the TKR Educational Society was established in the year 2002 in a sprawling, lush green 20-acre campus at Meerpet, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. The College is affiliated to Jawaharlal Nehru Technological University Kukatpally, Hyderabad. It has been approved by AICTE, New Delhi and the State Government of Telangana and has been sanctioned seven UG courses – Civil Engineering, Electrical & Electronics Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering and PG Courses – M.Tech in CSE, PE & MBA. In addition, the College is running second shift Polytechnic in the branches – CIVIL, EEE, MECH, IT, ECE & CSE. The institute became Autonomous in 2016-17. The Institute has been providing a technology enabled teaching-learning environment (Wi-Fi) since 2005. The Institute constantly strives for improvement, competing with the premier institutions of national importance.

About the Department:

The Department of Electronics and Communication Engineering was established in 2002. It offers to inculcate creative thinking through innovative and group work exercises which enhances the entrepreneur skills, employability and research capabilities. Students are taught how to use and employ innovative design methods and techniques. Exposure to contemporary facets planning, construction design and project management are key aspects of the course. The Department offer Undergraduate course in B.Tech Electronics and communication Engineering with an annual intake of 240.

Course Contents:

- Signal and voice processing models
- MATLAB simulation
- Practical implementation issues in MATLAB Environment
- Filter implementation techniques
- Paper writing using the LATEX


Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-97.

Course Outcome:

- The participants will be able to develop IoT based applications using Raspberry Pi.

Who can Attend?

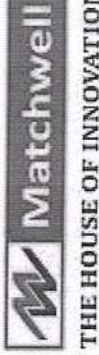
Program is open to faculty members/research scholars/UG students from colleges/universities.

Contact:

Mrs. G. Anitha
Co-Coordinator,
Assoc. Professor, ECE Dept.
TKRCET, Hyderabad.
Email: ece@tkrcet.com
Phone no.: +91-9705366366



Principal
TKR College of Engineering & Technology
(AUTONOMOUS) -197.
Medbowli, Meerpet




Certificate of participation

is presented to

for participating in the webinar
Awareness Program on


Industry Oriented Project Work on Signal Processing

From 20.03.2021 to 21.03.2021 hosted by department of ECE TKR College of Engineering and Technology, Hyderabad in Association with Matchwell Technology Solutions.


Dr. D. NAGESHWAR RAO
Prof. & HOD ECE
TKRCET


N. SRINIVASA RAO
Sr. Manager - Products
Matchwell Technology Solutions


Head of the Department
of the Department of Engineering
Electronics & Communication & Technology
TKR College of Engineering (AUTONOMOUS)
(AUTONOMOUS), Hyderabad-97.
Medbowli, Meerpet, Hyderabad-97.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



TKR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

(Sponsored by TKR Educational Society, Approved by AICTE)

Accredited by NBA

Medbowli, Meerpet, Saroornagar, Hyderabad – 500 097

Ph: 040 – 65587536, 65347536, Fax: +91 – 040 – 24094567

Email: info@tkrcet.ac.in Website: www.tkrcet.ac.in

DEPARTMENT OF ECE

An Awareness Programme on “Industry oriented project work on Signal Processing”

(20.03.2021 to 21.03.2021)

REPORT

Date: 22/03/2021

The Department of ECE has organized An Awareness Programme on Industry oriented project work on Signal Processing for III Year students in association with “Matchwell Tech Solutions, Hyderabad”.

The workshop has begun with the inaugural session on 20.03.2021 at 2.00 PM by the Principal, Dean (Academics), HoD and Faculty of TKRCET. The keynote and importance of the workshop has been delivered by Mr. N. Srinivas Rao, Senior manager, MTS.

Around 72 students participated in the workshop. The students have gained basic knowledge on Image processing, signal processing and related project implementations. The topics that are covered in this workshop are: Signal and voice processing models, MATLAB simulation on 1st day.

On the 2nd day, Practical implementation issues in MATLAB Environment and filter implementation techniques were discussed along with recent research areas in signal and image processing to do a project along with document writing and paper writing using the LATEX editor has been discussed.

After the completion of all the sessions successfully, valedictory function was carried out on the last day. The students gave their feedback of regarding the workshop on every day.

Dr.D.Nageshwar Rao, HoD of ECE is the convener of the workshop.

COORDINATORS

Mrs.G.ANITHA
Assoc.Prof.


CONVENOR

Dr.D.NAGESHWAR RAO
HoD,ECE


PRINCIPAL

Dr. D.V. RAVISHANKER

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

TKR COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ECE


WORKSHOP ON

“AWARENESS PROGRAM ON INDUSTRY ORIENTED MINI PROJECT ON SIGNAL PROCESSING”


STUDENT LIST

DATE: 20-03-2021 to 21-03-2021

S.NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE	
			20-03-2021	21-03-2021
1	17K91A0402	AGUVAKASALA GANESH	Ganesh	Ganesh
2	17K91A0403	AKHIL BONTHU	Akhil	Akhil
3	17K91A0404	AKULA PAVAN	Pavan	Pavan
4	17K91A0405	AKUTHOTA SHRAVANI	Shravani	Shravani
5	17K91A0406	ALETI AJAY	Ajay	Ajay
6	17K91A0412	ANUMALLA MANISH	Manish	Manish
7	17K91A0413	ARJA KEERTHI	Keerthi	Keerthi
8	17K91A0438	CHAKILAM VYSHNAVI	Vyshnavi	Vyshnavi
9	17K91A0439	CHANDRAGIRI ABHISHEK	Abhishek	Abhishek
10	17K91A0440	CHAVA SATYA SAI	Satya	Satya
11	17K91A0441	CHEEPI CHANDU	Chandu	Chandu
12	17K91A0442	CHEGURU CHAITANYA	Chaitanya	Chaitanya
13	17K91A0458	DEVRAJ RAM	Ram	Ram
14	17K91A0459	SALLA SUSHMITHA	Sushmitha	Sushmitha
15	17K91A0466	EEGA MANALI	Manali	Manali
16	17K91A0467	EGA NAVYA	Navya	Navya
17	17K91A0468	ELKA AKHIL	Akhil	Akhil
18	17K91A0485	JALAGAM MAHESH	Mahesh	Mahesh
19	17K91A0486	JANNU SAI RITWIK	Ritwik	Ritwik
20	17K91A0487	K DIVYA SRAVANI	Shravani	Shravani
21	17K91A0488	K INDRANI	Indrani	Indrani
22	17K91A0494	KAMAL NIMISHA	KNIMISHA	KNIMISHA
23	17K91A0495	KAMEPALLI SAIVENKATESH	Vaibhava	Vaibhava
24	17K91A0496	KAMMARI GOUTHAM	Goutham	Goutham
25	17K91A04A2	KASPA RUPESH KUMAR	KRR	KRR
26	17K91A04A3	KATTA LOKESH	Lokesh	Lokesh
27	17K91A04A7	KONGARI DEEPA	Deepa	Deepa
28	17K91A04A8	KONNE MANISHA	Manish	Manish
29	17K91A04B2	KOTTHAKAPU GAYATHRI	Gayathri	Gayathri
30	17K91A04B3	KUKKALA DEVA	Deva	Deva
31	17K91A04C1	MADINALA ARUN KUMAR	Arun	Arun
32	17K91A04C2	MADUGULA LAHARI	Lahari	Lahari
33	17K91A04C3	MALKAJGIRI MANISH CHANDRA	Manish	Manish
34	17K91A04C6	MANCHIKATLA SUMA	Suma	Suma



Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

35	17K91A04C7	MANDADI BHARATH REDDY	Bharath	Bharath
36	17K91A04E0	MUNIGANTI AJAY KUMAR	Ajay	Ajay
37	17K91A04E1	MUSALA SAI KIRAN	Sai Kiran	Sai Kiran
38	17K91A04E2	NAKKA SURESH TEJA	N Suresh	N Suresh
39	17K91A04H3	REPAKULA PRAVEEN	Praveen	Praveen
40	17K91A04H4	S SAJID	Sajid	Sajid
41	17K91A04H5	SAIVISHAL MANDHAPURAM	Vishal	Vishal
42	17K91A04F8	KALLURI VIDYA	Vidya	Vidya
43	17K91A04G4	POSHALA HARIKA	Harika	Harika
44	17K91A04G5	PRIYANKA PATIL	Priyanka	Priyanka
45	17K91A04G6	PULIJALA KEERTHANA	Keertana	Keertana
46	17K91A04H7	SAVASANI VIGNYA REDDY	Vignya	Vignya
47	17K91A04H8	SEELAM HANUMANATHA REDDY	Hanumantha	Hanumantha
48	17K91A04H9	SEELAM SURENDER REDDY	Surender	Surender
49	17K91A04J0	SEERLA ANUSHA	Anusha	Anusha
50	17K91A04J7	SIRIGIRI SAI KISHORE	Sai Kishore	Sai Kishore
51	17K91A04J8	SRIKANTH VANGALA	SVangala	SVangala
52	17K91A04J9	SRIPATHI NIKITHA	Nikitha	Nikitha
53	17K91A04K0	SUJITH THUMULA	Sujith	Sujith
54	17K91A04K2	TAMMALI ABHINAY	Abhinay	Abhinay
55	17K91A04K6	THADUKA AJAY KUMAR	Ajay	Ajay
56	17K91A04K8	THAMMALI SAIRAM	Sairam	Sairam
57	17K91A04K9	THANGALLAPALLY AKHILA	Akhila	Akhila
58	17K91A04M6	YALAGANDULA SAHITHI	Sahithi	Sahithi
59	17K91A04M7	YANNAM RAJESH REDDY	Rajesh	Rajesh
60	17K91A04M8	YARRAMADA SAI KIRAN REDDY	Kiran	Kiran
61	18K95A0401	ADDAGULLA SANDEEP	Sandeep	Sandeep
62	18K95A0402	ALE SANJANA	Sanjana	Sanjana
63	18K95A0404	ANUMULA SAHARI	Sahari	Sahari
64	18K95A0405	APARADHA ANJALI	Anjali	Anjali
65	18K95A0406	ARAVALLI SRIRAMYA	Ramyra	Ramyra
66	18K95A0411	BANDI PAVANI	Pavani	Pavani
67	18K95A0412	BHUSANI SANDEEP	Sandeep	Sandeep
68	18K95A0419	GOPALA RAJU	Raju	Raju
69	18K95A0422	GUNDEMONI SHIVA KUMAR	Shiva	Shiva
70	18K95A0423	JAMMU DEVENDER	Devender	Devender
71	18K95A0424	K SOWMYA	Sowmya	Sowmya
72	18K95A0441	UYYALA SRILAXMI	Laxmi	Laxmi

Y → s

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

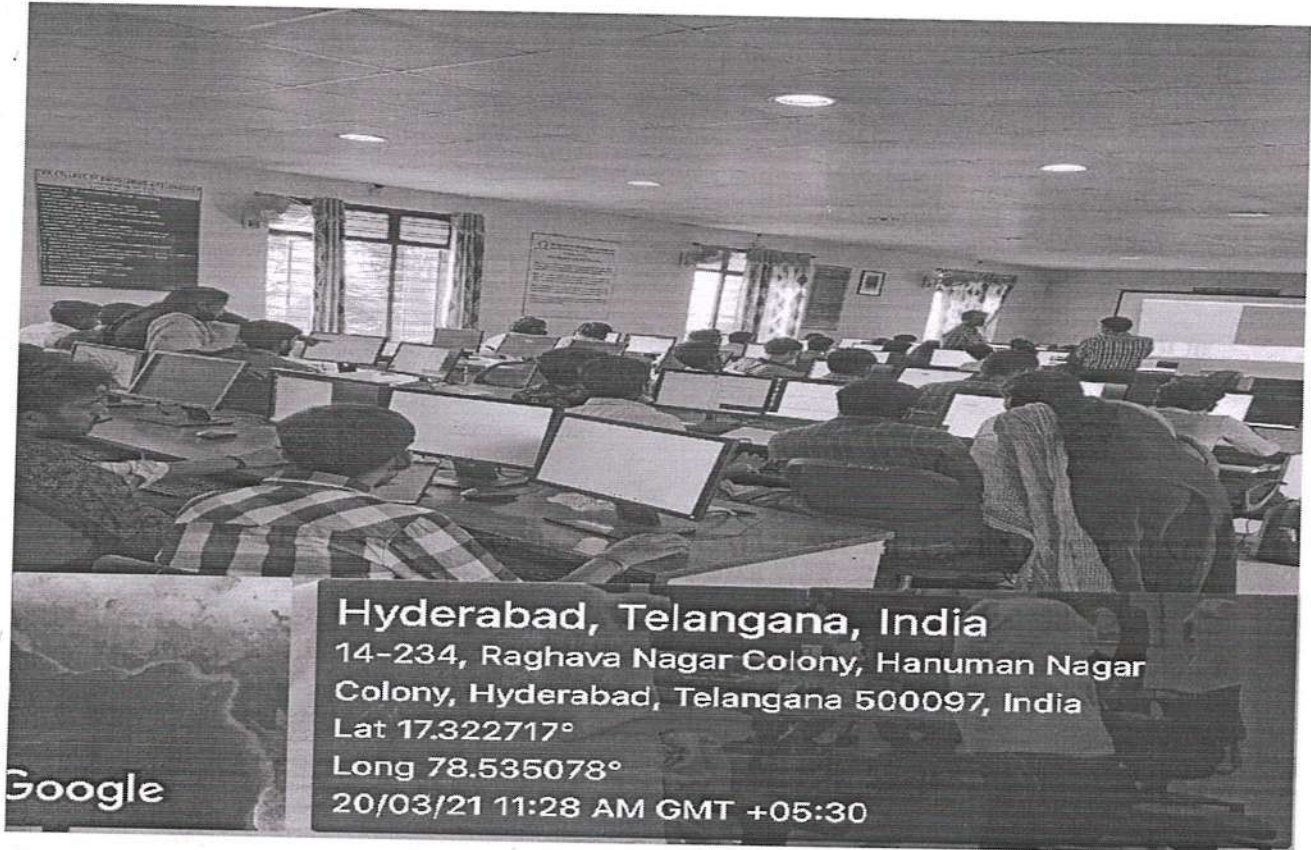


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Workshop on Awareness program on Industry oriented mini project on signal processing was conducted by TKR College of Engineering and Technology on 20/03/2021 by Matchwell Technologies pvt. Ltd.

Head of the Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

ARTIFICIAL INTELLIGENCE USING PYTHON

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

Meerpet, Medbowli, sarooranagar-500097

DEPARTMENT OF CSE

Dt. 09.09.2020

Hyderabad

To
The Principal,
TKRCET, Meerpet.

Through Proper channel

Sub: Request to permit us to conduct FDP.

Respected Sir,

We are glad to inform you that Dept of CSE took the initiative to conduct a One Week FDP on "Artificial Intelligence using Python".

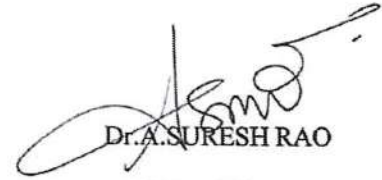
The speaker of the session is

1. Dr.K.M.V.Madhan Kumar

The tentative schedule of organizing FDP is 14/09/2020 to 19/09/2020.

In this regard, we request the high office, to permit Department of CSE to conduct the FDP.

Thanking you Sir,

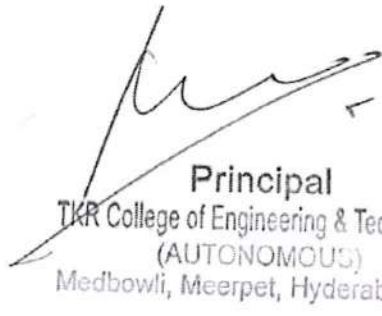


Dr. A. SURESH RAO

HOD-CSE

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.

*Submitted to
Principal Sir
for consideration &
approval.
ASMR 09/09/2020.*

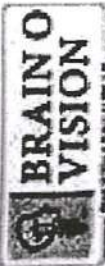


Principal

TKR College of Engineering & Technology
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TKR College of Engineering & Technology
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ZERO BUDGET

**World's Largest
1 WEEK HANDS-ON**

FACULTY DEVELOPMENT PROGRAM

On

**ARTIFICIAL
INTELLIGENCE
USING PYTHON**



DATE: 14th-19th September, 2020 | TIME: 6:00PM - :00PM

**PARTICIPANTS GET:
"e Certificate"**

**Principal
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Mobile: 9100377790, E-mail: info@tkrcet.ac.in, Website: www.tkrct.ac.in



College Code: K9


DEPARTMENT OF CSE

Circular No: TKRCET/CSE/Seminar/Workshop/FDP/2020-2021

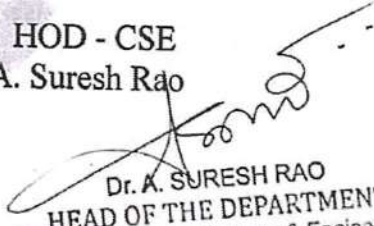
Dt. 09.09.2020
Hyderabad.

CIRCULAR

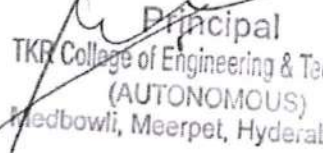
This is to inform to all the staff and students that Department of CSE, TKRCET is conducting a FDP on "Artificial Intelligence using Python" from 14.09.2020 to 19.09.2020. The interested candidates can register their names. The brochure and the schedule will be shared.


Co-Ordinator
Dr. Ch. B. N. Lakshmi

HOD - CSE
Dr. A. Suresh Rao


Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.

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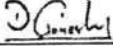
Certificate

Of Appreciation

THIS IS AWARDED TO THE FACULTY COORDINATOR

Mr./Ms./Mrs./Dr. **NAGALAKSHMI** of **TKRCET**

In appreciation of
organizing 1 week faculty development program on
Artificial Intelligence using python in collaboration with
Brainovision Solutions India Pvt. Ltd. and National
Youth Council Of India (NYCI) held from 14th
september, 2020 to 19th September, 2020.


Ganesh Nag Doddi
CEO, BRAINOVISION


National Youth Council of India


Datchani Moorthy Ramu
General Secretary, NYCI


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



Certificate of Participation


This certificate is awarded to

TKR College Of Engineering And Technology

In appreciation of organizing 1 week faculty
development program on "Artificial Intelligence
using Python" in collaboration with
Brainovision Solutions India Pvt. Ltd. and
National Youth Council Of India (NYCI)
held from 14th september, 2020 to 19th
September, 2020.

GANESH NAG DODDI
ANDHRA PRADESH STATE PRESIDENT
NATIONAL YOUTH COUNCIL OF INDIA

DATCHANA MOORTHY
GENERAL SECRETARY
NATIONAL YOUTH COUNCIL OF INDIA


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Thirumani Anusha	anushathirumani@tkrcet.com	Lead	Active	8885309011	Faculty	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
K.SRINIVAS	srinivas.kmt1@gmail.com	Lead	Active	9908274030	Assistant prof	MALE	CSE	TKRCET	Avanthi Institute Of Engg and Technology
G.MAHESH	maheshgajula@tkrcet.com	Lead	Active	9701413128	Assistant prof	MALE	ECE	TKRCET	TKRES
VANKUDOTH RAMES	ramesh@tkrcet.com	Lead	Active	8374442438	Assistant prof	MALE	CSE	TKRCET	TKR COLLEGE OF ENGINEERING AND TECH
M.JAGRUTHI	jagruthi.maddi434@gmail.com	Lead	Active	9703263741	Assistant prof	FEMALE	ECE	TKRCET	TKR COLLEGE OF ENGINEERING AND TECH
Anantha Lakshmi G	ananthalaxmi@tkrcet.com	Lead	Active	6300196337	Assistant prof	FEMALE	CSE	TKRCET	TKR COLLEGE OF ENGINEERING AND TECH
NELLI CHANDRAKAL	chandrakala@tkrcet.com	Lead	Active	9963535136	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
S KIRPAL KOUR	kirpalkour.s@gmail.com	Lead	Active	9668066791	Assistant prof	FEMALE	ECE	TKRCET	TKR College of Engineering and Technology
ADULAPURAM PRAD	pradeep@tkrcet.com	Lead	Active	9441971303	Assistant prof	MALE	CSE	TKRCET	Manaveer Institute of Science & Technology
RNS KALPANA	kalpanar.n.s@tkrcet.com	Lead	Active	9246276627	Assistant prof	FEMALE	ECE	TKRCET	TKR College of Engineering and Technology
BAZILA WAHAJ	786bazilawahaj@gmail.com	Lead	Active	8328259532	Others	FEMALE	ECE	TKRCET	TKR College of Engineering and Technology
Kavitha Davidi	davidikavitha@tkrcet.com	Lead	Active	9949509397	Assistant prof	FEMALE	IT/ISE	TKRCET	TKR College of Engineering and Technology
BURRI NARESH	naresh.burri@gmail.com	Lead	Active	7416444939	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
SREENIVAS REDDY	sreenivas.ml@gmail.com	Lead	Active	8328572515	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
S SAI SREE ANDAL	sai3103@gmail.com	Lead	Active	9701561080	Assistant prof	FEMALE	CSE	TKRCET	MAHAVEER INSTITUTE OF SCIENCE TECH
Venkatesh Survi	survivenkatesh@tkrcet.com	Lead	Active	9640850820	Assistant prof	MALE	ECE	TKRCET	TKR College of Engineering and Technology
Dr.A.Rajarajeswari	appaswamyrajarajeswari@tkrcet.com	Lead	Active	9787625372	Associate Prof	FEMALE	EEE	TKRCET	TKR College of Engineering and Technology
KOMIRELLI MOUNIKA	MOUNIKAKOMIRELLI@TKRCET	Lead	Active	9493954503	Assistant prof	FEMALE	CIVIL	TKRCET	TKR college of Engineering & Technology
B PULLA RAO	puli409@gmail.com	Lead	Active	9.1949E+11	Assistant prof	MALE	ECE	TKRCET	TKR COLLEGE OF ENGINEERING AND TECH
Dr S A Kalaiselvan	kalaiselvanresearch@gmail.com	Lead	Active	9043333903	Faculty	MALE	CSE	TKRCET	TKR College of Engineering and Technology
Prof. Gulnaz Thakur	gulnazanani@gmail.com	Lead	Active	9486085538	Associate Pro	FEMALE	CSE	TKRCET	NBNSCOE Sinhgad Solapur
JERALD PRASATH G	geraldprasath@gmail.com	Lead	Active		Professor	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Chaganti B N Lakshmi	ch.nagalakshmi18@tkrcet.com	Lead	Active		Assistant prof	FEMALE	ECE	TKRCET	TKR College of Engineering and Technology
Padmasree	r.padmasree3@gmail.com	Lead	Active		Associate Pro	MALE	CSE	TKRCET	TKR College of Engineering and Technology
Dr.Rajesh Banala	rajeshb@tkrcet.com	Lead	Active	9652764108	Associate Pro	MALE	CSE	TKRCET	RGUKT Basar
Jogesh J	jogeshj55@gmail.com	Lead	Active	9496150094	Others	MALE	CSE	TKRCET	TKR College of Engineering and Technology
Vijaya Kumari Pabbu	Vijayakumari@tkrcet.com	Lead	Active	8985678412	Assistant prof	FEMALE	CSE	TKRCET	TKDM VHSS, KOLLAM
Sukanya Cherukuri	sukanyabittu11@gmail.com	Lead	Active	8309347821	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Soumya Gundu	gsoumya2801@gmail.com	Lead	Active	7893686715	Others	FEMALE	CSE	TKRCET	TKR ENGINEERING COLLEGE
Sukanya Cherukuri	sukanyasri339@gmail.com	Lead	Active	7731024218	Assistant prof	FEMALE	CSE	TKRCET	Teegala krishna reddy engineering college
Abhinay	waytoabhinay@gmail.com	Lead	Active	8463997182	Others	MALE	CSE	TKRCET	TKr Engineering college
ADivya Sree	divyase@tkrec.ac.in	Lead	Active	7396944383	Assistant prof	FEMALE	CSE	TKRCET	Teegala Krishna Reddy college of engineering
T SHIVANAND KUMAR	shivanandisk@gmail.com	Lead	Active	8099720830	Assistant prof	MALE	OTHER	TKRCET	TKREC
Kotakonda Virija	kotakonda@gmail.com	Lead	Active	9949286864	Assistant prof	FEMALE	ECE	TKRCET	TKr engineering college
P. Uma Maheshwari	mahisanju15@gmail.com	Lead	Active	9951033351	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Dr B Urmila	urmila913@gmail.com	Lead	Active	9985744913	Associate Pro	FEMALE	EEE	TKRCET	Bhoj Reddy Engineering College for Women
Gaddi Yashwanth	yashwanthgaddi57@gmail.com	Lead	Active	6281781459	Student	MALE	CSE	TKRCET	G Pulla Reddy Engineering College
Burle Munilakshmi	munilakshmi.s@gmail.com	Lead	Active	9704828952	Assistant prof	FEMALE	OTHER	TKRCET	??
Lochan Rampal	lochanrampal5@gmail.com	Lead	Active	7989373947	Assistant prof	FEMALE	CSE	TKRCET	G Pulla Reddy Engineering College

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

K.Anusha	anushareddy.kallem@gmail.com	Lead	Active	9866787017	Assistant prof	FEMALE	CSE	TKRCET	GEETHANJALI COLLEGE OF ENGINEERING
Venkatesh Survi	survivenkatesh@gmail.com	Lead	Active	9540850820	Assistant prof	MALE	EEE	TKRCET	TKR College of Engineering and Technology
Shankha Shubhra Gos	shankhashubhragoswami@gmail.com	Lead	Active	9051334009	Research sch	MALE	MECH	TKRCET	Indira Gandhi Institute of Technology, Sarang
Radha D	dradha2018@gmail.com	Lead	Active	9597592494	Associate Prof	FEMALE	CSE	TKRCET	ARIFA INSTITUTE OF TECHNOLOGY
J YUVARAJ	yuvarajo29@gmail.com	Lead	Active	9840574113	Assistant prof	MALE	OTHER	TKRCET	SATHYABAMA INSTITUTE OF SCIENCE AND
Sindhuja	sindhupragada@gmail.com	Lead	Active	8096869234	Professor	FEMALE	CSE	TKRCET	Sri indu college of engineering and technology
Dr. VINAYAK SP	vinayaksp916@gmail.com	Lead	Active	9629009396	Assistant prof	MALE	OTHER	TKRCET	KPR COLLEGE OF ARTS SCIENCE AND RES
Vaishali Bandu Langot	vvaishali.i@gmail.com	Lead	Active	7020574405	Assistant prof	FEMALE	CSE	TKRCET	MIT Polytechnic Pune
ANIL RAJ J	anilraj.mec@gmail.com	Lead	Active	9809989432	Research sch	MALE	CSE	TKRCET	Cochin University of science and technology
Vandana Shivaji Rupn	vandanarupnar@mnmcoe.edu.in	Lead	Active	9922114679	Assistant prof	FEMALE	CSE	TKRCET	Marathwada mitra Mandal college of Engineering
Kavita Tukaram Patil	meetpatilkavita@gmail.com	Lead	Active	99709 13789	Assistant prof	FEMALE	CSE	TKRCET	School of Computer Sciences KBCNMU Jalga
J. RAKESH SHARAN	rakeshsicet@gmail.com	Lead	Active	9441231345	Assistant prof	FEMALE	CSE	TKRCET	Sri indu college of engineering and technology
B.Naveena Devi	bnaveenadevi_prog@mgit.ac.in	Lead	Active	9441724900	Others	FEMALE	EEE	TKRCET	Mahatma Gandhi Institute of Technology
KANNADASAN B	kdasan9@gmail.com	Lead	Active	9884991845	Assistant prof	MALE	IT/ISE	TKRCET	BSA Crescent Institute of Science and Technol
Arvind Kumar Tomer	tomer.arvind@gmail.com	Lead	Active	8178328720	Assistant prof	MALE	CIVIL	TKRCET	Greater Noida Institute of Technology
Shashikant Rangnath	shashikant.kale@aissmsioit.org	Lead	Active	9975703571	Assistant prof	MALE	CSE	TKRCET	AISSMS Institute of Information Technology Pu
Aishwarya Anandrao B	aishwaryabhondave@gmail.com	Lead	Active	8308884177	Others	FEMALE	CSE	TKRCET	AISSMS College of Engineering, Pune
Ms. DEEPIKA RATHO	deepika.rathod13@gmail.com	Lead	Active	9949550438	Associate Prof	FEMALE	ECE	TKRCET	SRI INDU COLLEGE OF ENGINEERING AND
PUJA DHAR	pujadhr@gmail.com	Lead	Active	9818903954	Assistant prof	FEMALE	MCA	TKRCET	I.T.S. Mohan Nagar, Ghaziabad
N.Sai Aakash Reddy	aakashminu18@gmail.com	Lead	Active	7013783102	Others	MALE	CSE	TKRCET	Saveetha School of Engineering
Dr. Preeti Gupta	pgupta@piemr.edu.in	Lead	Active	9893872683	Associate Prof	FEMALE	MCA	TKRCET	PIEMR
KAPALE NAMDEO	ndkapale@gmail.com	Lead	Active	9822442879	Assistant prof	MALE	MCA	TKRCET	COLLEGE OF ENGINEERING
Deepak Shivaji Gaikwa	deepak.gaikwad@sinhgad.edu	Lead	Active	7276209570	Assistant prof	MALE	ECE	TKRCET	SKNSITS LONAVALA
Ms. Suparna Shirish N	suparnaik@gmail.com	Lead	Active	9922420981	Assistant prof	FEMALE	IT/ISE	TKRCET	BVJNIOI
Suparna Shirish Naik	supamanaik5@gmail.com	Lead	Active	9922420981	Assistant prof	FEMALE	IT/ISE	TKRCET	BVJNIOI
Ishrat Khalil Patel	ishratpatel776@gmail.com	Lead	Active	9511696266	Others	FEMALE	ECE	TKRCET	Mulana muktar ahmad nadvi technical campus
Rajwinder Kaur	rajwinderpadda377@gmail.com	Lead	Active	8427667202	Research sch	FEMALE	MCA	TKRCET	CTIMIT Jalandhar
Rumaisa Uzma	rumaisauzma@gmail.com	Lead	Active	9021558657	Assistant prof	FEMALE	ECE	TKRCET	Maulana Mukhtar Ahmed Nadvi Technical Cam
Leena Deshmukh	rahullins@rediff.com	Lead	Active	9960639644	Professor	FEMALE	MCA	TKRCET	JSPM JIMS
Shirisha Konda	shirisha.eee@gmail.com	Lead	Active	9160033166	Professor	FEMALE	CSE	TKRCET	Sri indu college of engineering and technology
Dr. Rupen Chatterjee	rupen@hiralalpaulcollege.ac.in	Lead	Active	9038346144	Others	MALE	OTHER	TKRCET	Nabagram Hiralal Paul College
Lamneithem Vaiphei	lamneithem1998@gmail.com	Lead	Active	8794872133	Others	FEMALE	MCA	TKRCET	North Eastern Hill University, Tura Campus
KRITIK BHAVESH JAN	kritik.jambusariya_19@sakec.ac	Lead	Active	7350052692	Others	MALE	ECE	TKRCET	Shah & Anchor Kutchii Engineering College.
Miss Jyoti Vijay Sabara	sabarad.jyoti@gmail.com	Lead	Active	7498829785	Assistant prof	FEMALE	OTHER	TKRCET	Smt. Kasturba Walchand College(Arts and Sci
D VIGNESWAR RAO	vigneswar.cse@cmrtc.ac.in	Lead	Active	9494867304	Assistant prof	MALE	CSE	TKRCET	CMR TECHNICAL CAMPUS
A PHANI KUMAR	phani.20phd7021@vitap.ac.in	Lead	Active	9494762129	Research sch	MALE	ECE	TKRCET	VIT-AP UNIVERSITY
Dr Saroj Vats	saroj_vats@yahoo.com	Lead	Active	7567400764	Associate Prof	FEMALE	OTHER	TKRCET	Swami sahajanand school of management Bha
Hrushikesh Joshi	hjoshi@pict.edu	Lead	Active	9028755185	Assistant prof	MALE	IT/ISE	TKRCET	Pune Institute of Computer Technology
Dr Sudhanshu Maurya	dr.sm0302@gmail.com	Lead	Active	7717782567	Assistant prof	MALE	CSE	TKRCET	Graphic Era Hill University

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.

Gireeshan.P	pgireesh81@gmail.com	Lead	Active	7735100100	Research sch	MALE	OTHER	TKRCET	Manonmianiam Sundaranar University
TIRULUKA V S NAGA	nagadivya_tvs@pace.ac.in	Lead	Active	9948520114	Assistant prof	FEMALE	OTHER	TKRCET	Pace institute of technology and sciences
F. JENO SANDANA B	san.jomns@gmail.com	Lead	Active	9944971045	Assistant prof	FEMALE	MCA	TKRCET	Saradha Gangadharan College
Mr. Jyoti P. Botkar	vyotikokane1003@gmail.com	Lead	Active	9421361510	Assistant prof	FEMALE	ECE	TKRCET	Dr. Vithalrao Vikhe Patil College of engineering
Mr. Bhumesh P. Masra	bhumesh.masram2@gmail.com	Lead	Active	7045449943	Assistant prof	MALE	CSE	TKRCET	PICT, pune
Akshay Pal	paularsh9@gmail.com	Lead	Active	8360554327	Professor	MALE	MCA	TKRCET	CTIMIT
ANJIT RAJA R	profanjithraja@gmail.com	Lead	Active	9677782854	Assistant prof	MALE	CSE	TKRCET	KPR College of Arts Science and Research
Rahul Das E	rahuldasr8426@gmail.com	Lead	Active	8921278718	Others	MALE	MECH	TKRCET	Mechanical Engineering
MD BAHAUDDIN	mechcareacademy@gmail.com	Lead	Active	9113280047	Assistant prof	MALE	MECH	TKRCET	ISL ENGINEERING COLLEGE HYDERABAD
Dr Shaik Jakeer Hussa	dr.skjakeerhussain@gmail.com	Lead	Active					TKRCET	MALLA REDDY ENGINEERING COLLEGE (A)


Principal

TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.

First Name	Email	Phone	Role	Status	Designation	Gender	BRANCH	Host University College Name	Enter your Organisation Name
K. Divya Charitha Yadda	charithadiyva22@gmail.com		Lead	Active	Others	FEMALE	CSE	TKRCET	Sridevi women's engineering college
BERA SRUJANA	berasrujana50@gmail.com		Lead	Active	Student	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
EDIGA AMARNATH G	amarnathamar@tkrcet.com		Lead	Active	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
Kuna Naresh	kuna48@gmail.com		Lead	Active	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
ADERLA ANJALIAH	anjalahaderla@tkrcet.com		Lead	Active	Assistant prof	MALE	EEE	TKRCET	TKR College of Engineering and Technology
Pampati Swetha	swethapampati99@gmail.com		Lead	Active	Others	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Perala Karishma	karishmaperala05@gmail.com		Lead	Active	Research sch	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Vicky	vickynair@tkrcet.com		Lead	Active	Faculty	MALE	CSE	TKRCET	TKR College of Engineering and Technology
M Thanmayee	thanmayee1384@gmail.com		Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Paripelli Varsha Bindu	varshaparipelli@gmail.com		Lead	Active	Student	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
T shashikumar	shashi@tkrcet.com		Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
B Shravya Vani	shravyavani289@gmail.com		Lead	Active	Others	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
G Santosh Kumar	gangasantoshkumar@gmail.com		Lead	Active	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
D.Sriatha	dyapa.sreelatha@gmail.com		Lead	Active	Others	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Muneer Ahmed	muneermpt@gmail.com		Lead	Active	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
M. Sandhya Rani	sandhya_medi@yahoo.com		Lead	Active	Associate Pro	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
M.PARIMALA	parimala_m@cmritonline.ac.in		Lead	Active	Associate Pro	MALE	CSE	TKRCET	TKR College of Engineering and Technology
P LAXMI PRASANNA	laxmiprasanna@tkrcet.com	9849986685	Lead	Active	Associate Pro	FEMALE	IT/ISE	TKRCET	TKR College of Engineering and Technology
Videm Pallavi	vpallavi@tkrcet.com	9985014601	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Ajina A	ajinaa.rvfm@rvei.edu.in	9030101886	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR college of engineering and technology
Pragathi Vulpala	pragathi@tkrcet.com	9880624907	Lead	Active	Assistant prof	FEMALE	IT/ISE	TKRCET	TKR college of engineering and technology
Anjana S	anjanasukumaranair@gmail.com	9985352508	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR college of engineering and technology
Vasannagari Pavani	vpavani@tkrcet.com	9446421261	Lead	Active	Professor	FEMALE	CSE	TKRCET	TKR college of engineering and technology
Kathi Teja	tejak@tkrcet.com	9866969637	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR college of engineering and technology
Krishna Kiran K	kiran.rc92@gmail.com	9986092992	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR college of engineering and technology
PADIGAPATI ANITHA	anitha.padigapati@gmail.com	9849169030	Lead	Active	Student	MALE	IT/ISE	TKRCET	TKR College of Engineering and Technology
Dr.M.Sunitha	palemonisunitha@gmail.com	7702531929	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Dr. Amjan Shaik	prof.amjansk@gmail.com	9640333666	Lead	Active	Associate Pro	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
T Virajitha	virajitha835@gmail.com	9866040342	Lead	Active	Professor	MALE	CSE	TKRCET	TKR College of Engineering and Technology
CHANDRASHEKAR P	Chandrashekar@tkrcet.com	9063942664	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology
Sannilla Sowmya	sannillasowmya@gmail.com	8143785269	Lead	Active	Assistant prof	MALE	CSE	TKRCET	TKR College of Engineering and Technology
Thatikonda Radhika	radhikathatikonda08@gmail.com	8464847641	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR college of engineering and technology
K Shwetha Rani	kswetharani@tkrcet.com	9492886960	Lead	Active	Assistant prof	FEMALE	IT/ISE	TKRCET	TKR college of engineering and technology
		9666982723	Lead	Active	Assistant prof	FEMALE	CSE	TKRCET	TKR College of Engineering and Technology

Dr. A. SURESH RAO
 HEAD OF THE DEPARTMENT
 of Computer Science & Engineering
 College of Engineering & Technology
 Meerpet, Hyderabad - 500 097.

PRINCIPAL
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad- 500097.

Principal
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-97.

A Report on "ARTIFICIAL INTELLIGENCE USING PYTHON"

Date: 21/09/2020

A Six Day FDP on "ARTIFICIAL INTELLIGENCE USING PYTHON" was organized for the faculty, during 14-09-2020 to 19-09-2020.

This FDP was organized by department of CSE, TKRCET. This FDP provided hands on experience on artificial intelligence using python programming which gave the insight to Artificial Intelligence applications with Python to intelligently interact with the world around you. This FDP was divided into 6 sessions across 6 days i.e. from 14-09-20 to 19-09-20.

The following Topics and modules are covered by the Resource Persons.

Day-1:

- o Primer concepts ,ML
- o Data preparation

Day-2:

- o Classification
- o Regression

Day-3:

- o Logic programming
- o Unsupervised learning

Day-4:

- o Natural language processing.
- o NLTK package

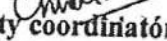
Day-5:

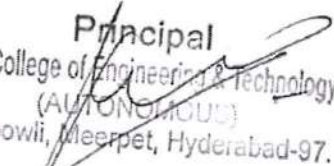
- o Neural networks.

Day-6:

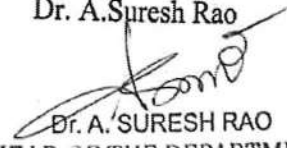
- o Genetic algorithms.

The FDP gave insights and knowledge on supervised and unsupervised algorithms, NLP, genetic algorithms. FDP was attended by 144 Faculty with tremendous contribution and response from Faculty, Program was grand success.


Faculty coordinator
Dr. CH.B.N LAKSHMI


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

HOD CSE
Dr. A.Suresh Rao


Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.



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with 'A' Grade

Artificial Intelligence Using Python

Brain O Vision

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TKR College of Engineering & Technology
JNTUH (Autonomous)
Mehdooli, Sec 10, Hyderabad-50

ADVANCED DATA PROCESSING

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
Meerpet, Medbowli, saroonagar-500097

DEPARTMENT OF CSE

Dt. 29.06.2020
Hyderabad

To
The Principal,
TKRCET, Meerpet.

Through Proper channel

Sub: Request to permit us to conduct FDP

Respected Sir,

We are glad to inform you that Dept of CSE took the initiative to conduct a One Week FDP on "Advanced Data Processing Using ML,ANN and DL" .

The speakers of the session is

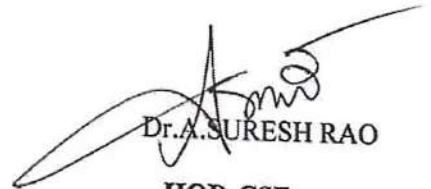
1. Dr. D.Haritha, Department of CSE, KLU.
2. Dr. Mastan, Department of CSE, CMR College of Engineering, Hyd.
3. Dr. Satti Babu, Department of CSE, NIT Rourkela.
4. Dr.Santosh Kumar, Department of CSE, Malaviya National Institute of Technology,Jaipur.
5. Dr. Subba Rao, Department of CSE, Vignan University, Guntur.

The tentative schedule of organizing FDP is 13/07/2020 to 17/07/2020.

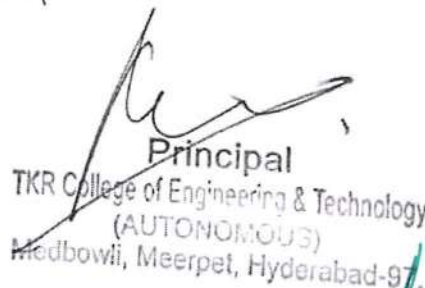
In this regard, we request the high office, to permit Department of CSE to conduct the FDP.

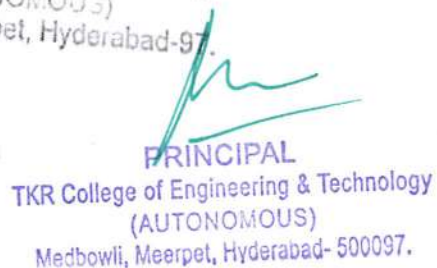
Thanking you Sir,

*Submitted to
Principal Sir,
for Consideration
of Personal
ASMD 29/06/2020.*


Dr.A.SURESH RAO

HOD-CSE
Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.



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Medbowli, Meerpet (V), Balapur (M) Ranga Reddy (D), Hyderabad, Telangana - 500097

Mobile: 9100377790, E-mail: info@tkrcet.ac.in, Website: www.tkrct.ac.in



College Code: K9

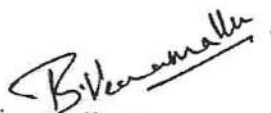
DEPARTMENT OF CSE

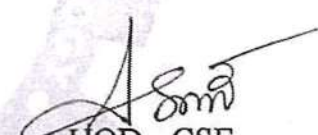
Circular No: TKRCET/CSE/Seminar/Workshop/FDP/2019-2020

Dt. 06.07.2020
Hyderabad.

CIRCULAR

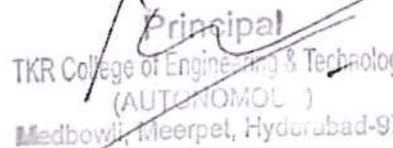
This is to inform to all the staff and students that Department of CSE, TKRCET is conducting a FDP on “Advanced Data Processing Using ML, ANN & DL” from 13.07.2020 to 17.07.2020. The interested candidates can register their names. The brochure and the schedule will be shared.



Co-Ordinator
Dr.B.Veeramallu


HOD - CSE
Dr. A. Suresh Rao

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.

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Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

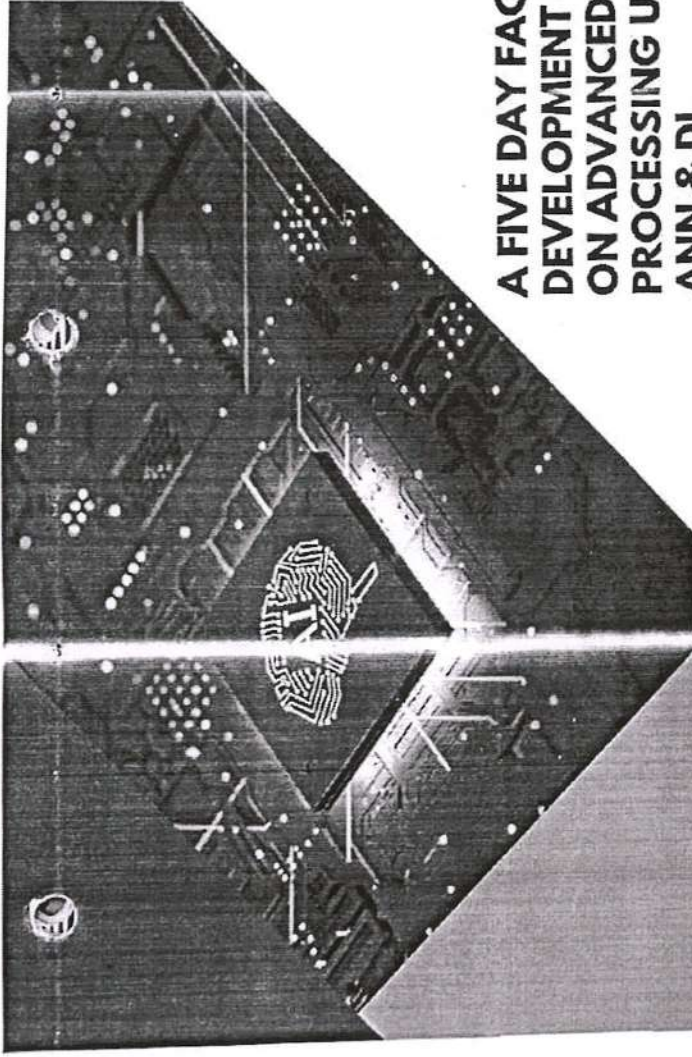

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.



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A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML, ANN & DL

ORGANIZED BY
DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

13.07.2020 - 17.07.2020
10:00 AM - 12:30 PM

TKRCET

Survey No - 8/A, Raghava Nagar
Colony, Medbowli, Meerpet,
Hyderabad, Telangana - 500097
Principal
TKR College of Engineering & Technology
(AUTO-TECHNICALS)
Medbowli, Meerpet, Hyderabad-97.

SCAN TO REGISTER



SOURCE PERSONS

1. Dr. D. Haritha
Department of CSE, KLU.
2. Dr. Mastan
Department of CSE,
CMR College of Engineering, HYD.
3. Dr. Satti Babu
Department of CSE
NIT Rourkela
4. Dr. Santosh Kumar,
Department of CSE
Malaviya National Institute of
Technology, JAIPUR.
5. Dr. Subba Rao
Department of CSE,
Vignana University, Guntur.



COURSE CONTENT

1. Introduction to ML
2. Data Processing & Visualization
3. Regression Learning
4. Optimization Problems
5. Supervised & Unsupervised Learning
6. Artificial Neural Network & Back Propagation
7. Deep Learning

"Our intelligence is what makes us human, and AI is an extension of that quality." - Yann LeCun Professor, New York University

CHIEF PATRON

Dr. Teegala Krishya Reddy
Chairman - TKRES
MLA, MAHESHWARAM
Mayor, Hyderabad.

CO-PATRON

Dr. T. Harinath Reddy
Secretary - TKRES
harinathreddy@tkrcet.com

CO-PATRON

Shri. T. Amaramath Reddy
Treasurer - TKRES
amaramathreddy@tkrcet.com

PRINCIPAL

Dr. D.V. RAVISHANKAR
PROFESSOR - MECH
TKRCET
principal@tkrcet.com

VICE-PRINCIPAL

Dr. A. Suresh Rao
PROFESSOR & HOD - CSE
TKRCET
sureshrao@tkrcet.com

CONVENOR

Dr. B. VEERAMANI
Professor in CSE, TKRCET
bveerama@tkrcet.co

CO-CONVENOR

Dr. CH. B. NAGALAKSHMI
Professor in CSE, TKRCET
ch.nagalakshmi@tkrcet.com

Principal

TKRC College of Engineering & Technology
AUTONOMOUS

Medbowli, Meerpet, Hyderabad-57



TKR COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

R Dilip Kumar

FOR HIS/HER ACTIVE PARTICIPATION IN ONLINE FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML,ANN & DL ORGANIZED BY DEPARTMENT OF CSE, TKR COLLEGE OF ENGINEERING & TECHNOLOGY DURING 13.07.2020 - 17.07.2020.

DR.CH.B.NAGALAKSHMI
COORDINATOR

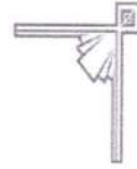
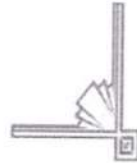
DR.B.VEERAMALLU
CONVENOR

DR.A.SURESH RAO
HOD,CSE



DR. D. V. RAVI SHANKAR,
PRINCIPAL

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.





TKR COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Sk. Hafeezuddin

FOR HIS/HER ACTIVE PARTICIPATION IN ONLINE FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML,ANN & DL ORGANIZED BY DEPARTMENT OF CSE, TKR COLLEGE OF ENGINEERING & TECHNOLOGY DURING 13.07.2020 - 17.07.2020.

Chirubhimi

DR.CH.B.NAGALAKSHMI
COORDINATOR

S.V. Hafeez

DR.B VEERAMALLU
CONVENOR

Suresh Rao

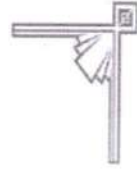
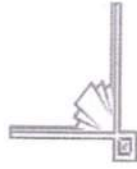
DR.A.SURESH RAO
HOD,CSE



DR. D. V. RAVI SHANKAR.
PRINCIPAL

[Signature]

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.





TKR COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

V Pragathi

FOR HIS/HER ACTIVE PARTICIPATION IN ONLINE FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML,ANN & DL ORGANIZED BY DEPARTMENT OF CSE, TKR COLLEGE OF ENGINEERING & TECHNOLOGY DURING 13.07.2020 - 17.07.2020.

Chandrashekhari

DR.CH.B.NAGALAKSHMI
COORDINATOR

T.S.V. Hallo

DR.B.VEERAMALLU
CONVENOR

[Signature]

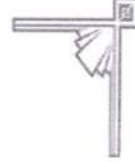
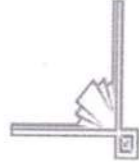
DR.A.SURESH RAO
HOD,CSE



DR. D. V. RAVI SHANKAR,
PRINCIPAL

[Signature]

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.





TKR COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

K Shiva shankar Goud

FOR HIS/HER ACTIVE PARTICIPATION IN ONLINE FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML,ANN & DL ORGANIZED BY DEPARTMENT OF CSE, TKR COLLEGE OF ENGINEERING & TECHNOLOGY DURING 13.07.2020 - 17.07.2020.

DR. CH. B. NAGALAKSHMI
COORDINATOR

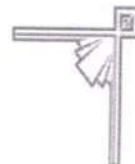
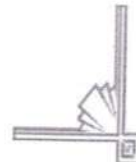
DR. B. VEERAMALLU
CONVENOR

DR. A. SURESH RAO
HOD, CSE



DR. D. V. RAVI SHANKAR,
PRINCIPAL

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.





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TKR COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097



CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

A Pramod Reddy

FOR HIS/HER ACTIVE PARTICIPATION IN ONLINE FACULTY DEVELOPMENT PROGRAM ON ADVANCED DATA PROCESSING USING ML,ANN & DL ORGANIZED BY DEPARTMENT OF CSE, TKR COLLEGE OF ENGINEERING & TECHNOLOGY DURING 13.07.2020 - 17.07.2020.



[Signature]

[Signature]

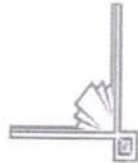
[Signature]

DR.CH.B NAGALAKSHMI
COORDINATOR

DR.B VEERAMALLU
CONVENOR

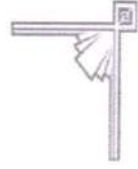
DR.A.SURESH RAO
HOD,CSE

DR. D. V. RAVI SHANKAR,
PRINCIPAL




[Signature]
PRINCIPAL

TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.



tyamini@kluniversity.in	Yamini Tondepu
laxmijadhav99@gmail.com	Laxmi Jadhav
thimmia@gmail.com	Thimmia Raja J
meeravali804@gmail.com	Meera
shivashanker71@gmail.com	Mr L SHIVA SHANKAR
vickynair@tkrcet.com	Dr Vicky Nair
devenderdhaked.cs@rcew.ac.in	Devender kumar Dhaked
shilpaitnal@gmail.com	SHILPA ITNAL
akb.mtech@gmail.com	Mohammed Akbar
khrsharma@gmail.com	K HARISH KUMAR
binduveeravalli009@gmail.com	Veeravalli Bindu sree
theegalabhavanivenkat@gamil.com	Bhamar Rajesh
sid.kamatar@gmail.com	SIDDAROOD KAMATAR
kukkalamanasa.11@gmail.com	KUKKALA MANASA
nafisaaleem786@gmail.com	Mrs.Nafiza
ramramkumar.one@gmail.com	Ram Kumar Madupu
kavitaagarwal_cse@cbit.ac.in	Kavita Agarwal
uday009u@kluniversity.in	V UDAY KUMAR
prasaddirector.143@gmail.com	M GURUPRASAD
mahi.adapa@gmail.com	ADAPA MAHENDAR
bhaavana0606@gmail.com	Bhaavana S
shiv982live@gmail.com	Shivam Sharma
sowjanya.a@sreyas.ac.in	A.Sowjanya
srivanimece@gmail.com	Srivani Madugula
shiva57.m@gmail.com	M SHIVA RAMA KRISHNA
jmjohny68@gmail.com	Mittagadpula Janardhan
maruthirao.chinnam@sreyas.ac.in	CHINNAM SUDHA VENKATA MARUTHI RAO
deepuwadkar26@gmail.com	DEEPA V WADKAR
ravi@gmail.com	Ravi
premasht213@gmail.com	PREMA A
kagitharajesh718@gmail.com	Rajesh kagitha
tsselva2001@gmail.com	SELVA. T
chandhu.ece26@gmail.com	PATTEM CHANDRA SHEKHAR
kbhavyacse@vjit.ac.in	KODUMURI BHAVYA
yprashanth60@gmail.com	Y Prashanth
gowthamisathiyavan@gmail.com	S.GOWTHAMI
vprn2274@gmail.com	VEGURU PRAKASAM
hemalatha.raju@gmail.com	Dr.R.Hemalatha
santosh0125@gmail.com	Telukuntla Santosh
riyazbanu@ksrmce.ac.in	S.RIYAZBANU
vydehik9@gmail.com	KASICHAINULA VYDEHI
ramadevi01ece@gmail.com	Ramadevi Vemula
sateesh4u.325@gmail.com	G.SATEESH
lavinac@sjec.ac.in	LAVINA JEAN DSILVA


Principal
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-97.

kumar.amod7@gmail.com	Er. AMOD KUMAR BAGH
jyotimali@atharvacoe.ac.in	Ms Jyoti Mali
komatiramakanth@gmail.com	RAMAKANTH KOMATI
shanthi.m.ece@kct.ac.in	Dr.M.Shanthi
anilkumar.srt@gmail.com	K. Anil Kumar Reddy
jyothichepuri@tkrcet.com	cholleti jyothi
padmaja.murthy30@gmail.com	Amirineni Rama L Padmaja
drrajcse2014@gmail.com	DR PROF RAJASEKHARAI AH K.M
chsk.ece@gmail.com	CH.SRINIVASAKUMAR
maheshsharmaimt@gmail.com	Mahesh Sharma
sekar.m.suba@gmail.com	Dr.M.Subagunasekar
qamarmohammad82@gmail.com	Qamar Mohammad
sumancsessj@gmail.com	SUMAN B
ramanarayana605@yahoo.com	Rama Narayana
aitipamula.soumya@gmail.com	Soumya Aitipamula
sagnesjoshy@gmail.com	Agnes Joshy
chennaanuchuri@gmail.com	Anuchuri Chennakeswari
bindu.99@kluniversity.in	T. Hima Bindu
sowmyainavolu3@gmail.com	Sowmya
nmlakshmi.k@gmail.com	K Naga Maha Lakshmi
trkumar5@gmail.com	T Ravi Kumar
dyapa.sreelatha@gmail.com	D.Srilatha
kommuridevi8@gmail.com	Anjana Devi MV
sudhakar.kanchu@gmail.com	KANCHUKATLA SUDHAKARUDU
srinivasiddi@gmail.com	SIDDI SRINIVAS
csehod@aarm.ac.in	Dr. T. R. SRINIVAS
valli.pravallika21@gmail.com	Dr.M.V.Nageswara Rao
sannndheep85@gmail.com	ACHI SANDEEP
advaiti15@gmail.com	Advaiti
chhaya0671@gmail.com	Chhaya Suryabhan Dule
golladas2007@gmail.com	SUDHEER DAS GOLLA
mahi.bobbali@gmail.com	Mr. B. Mahender Reddy
sreedharmtech@gmail.com	Sreedhar Jadapalli
Kandakatlavishnu@gmail.com	KANDAKATLA VISHNU
rojatkcrc.cse@gmail.com	RojaRamani Adapa
bsnr2002@gmail.com	B.S.NAGESWARARAO
sreenivas.ml@gmail.com	SREENIVAS REDDY MALYALA
dubehvd72@gmail.com	Dube Hari Vitthal
er.joseph.raj@gmail.com	D.JOSEPH PUSHPARAJ
satyasambrani@gmail.com	Satyanarayana Sambrani
jyothi22reddy@gmail.com	P Jyothi
westringhannah@gmail.com	WESTRING HANNAH M
y.supriyareddy1@gmail.com	Supriya Reddy Yellatooru
anushaaa9@gmail.com	M Anusha

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.

Email Address	Name
Hafeezuddin@tkrcet.com	SHAIK KHAJA HAFEEZUDDIN
impullaravikumar@gmail.com	P ravi kumar
rajeshbhamar2057@gamil.com	Bhamar rajesh
laxmijadhav99@gmail.com	Laxmi Jadhav
svec.venkatesh@gmail.com	Venkatesh Gadhari
gayathriparasa20@gmail.com	Gayathri Parasa
psharrath@gmail.com	Mr.POKALA SHARATH POWER
mritunjaykrmishra100@gmail.com	DR. MRITUNJAY KUMAR MISHRA
omkaram.shashi@gmail.com	Akshay raju
ravi2kinus@gmail.com	Ravi Kumar Munaganuri
djagadeesanphd@gmail.com	Dr. D. Jagadeesan
komatiramakanth@gmail.com	RAMAKANTH KOMATI
rakeshchow@gmail.com	M.RAKESH CHOWDARY
raja92rocks@gmail.com	T.RAJA
unraec@gmail.com	Uppala Nageswar Rao
advaitmani2020@gmail.com	A vijay kumar
hymaomkaram@gmail.com	HYMA BIRUDARAJU
ravic9941@gmail.com	C. Ravi
vijaypgcs@gmail.com	A VIJAY KUMAR
psreddy6875@gmail.com	P Sudarshan reddy
rekha.chandanala@gmail.com	REKHA CHANDANALA
gajula.roopalavanya@gmail.com	G.ROOPA LAVANYA
arunavj2@gmail.com	Aruna
battuhruday@gmail.com	THIRUPATHI BATTU
rahuldesai@aitpune.edu.in	Dr. Rahul Desai
shaikrasool@mjcollege.ac.in	SHAIK RASOOL
prashanth@sreedattha.ac.in	ADDAGATLA PRASHANTH
anilanitarxl@gmail.com	Dr. Anil Kumar
cvijay354@gmail.com	Chakale vijay
dileepkumar.2kx@gmail.com	Annamchinni Dileep Kumar
desaij4@gmail.com	N.DESAI
veeranjigollapalli@gmail.com	Gollapalli Veeranjanyulu
abhishek.gajula@gmail.com	GAJULA SRI VENKATA RAMA ABHISHEK
Parveenrathivce@gmail.com	Parveen Rathi
oeskec2001@gmail.com	UPENDER
santhosh.b@gmrit.edu.in	Dr.B.Santhosh Kumar
sreenukatakam@gmail.com	KATAKAM SRINIVASA RAO
hero@gmail.com	Prudhivnaryana
ayyappa@kluniversity.in	YALANATI AYYAPPA
manasareddy@tkrcet.com	BANDELA MANASA REDDY
sdkr.nlr@gmail.com	Nellore Sudha
shaikarif090899@gmail.com	SHAIK. ABDUL GAFFUR
kvk.rvriet@gmail.com	VEERA KISHORE KADAM

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

jntuh.ravi@gmail.com	Aleti Ravichandra
nagaseshudu1000@gmail.com	MEDIGA NAGASESHUDU
mails4dsr@gmail.com	DUMPA SRINIVASA REDDY
b.velagaleti@gmail.com	SESHA BHARGAVI VELAGALETI
prabhukapit@gmail.com	Prabhu K
s.radhika@protonmail.com	Radhika
sharathce@anurag.edu.in	N.SHARATH BABU
mailatmadhusmita@gmail.com	Rameswari Pattnaik
WWW.dasarivamsi14@gmail.com	D.Vamsi
maheshsharmaimt@gmail.com	Mahesh Sharma
msatishmtech@gmail.com	Satish Muppidi
vishup10@gmail.com	VISHWANATH PATIL
muralikrishna_cse@mvsrec.edu.in	Kanajam Muralikrishna
e.sunil1820@gmail.com	ENAGANDULA SUNIL
ranganathponnaboyina@gmail.com	P.Ranganath
vijaya.bhonagiri@gmail.com	B.VIJAYA LAXMI
itssaivittal@gmail.com	B.SAI VITTAL
rajeshsaturi.oucse@gmail.com	RAJESH SATURI
bharatihundekar14@gmail.com	Bharati Hundekar
sravanthipuppy13@gmail.com	P.Sravanthi
bnp.uppalaiiah@gmail.com	BONEPALLI PEDDA UPPALIAH
reddy.srividya@gmail.com	M.Srividya
radhika.amareshwari@gmail.com	N Radhika Amareshwari
chanchalghosh80@gmail.com	CHANCHAL GHOSH
krishnapatwari14@gmail.com	Mr KRISHNARAO PATWARI
tchandana.cse@nsrit.edu.in	TEKKALI CHANDANA GOURI
psreddy6875@gmail.com	p sudarshan reddy
rajulusg09@gmail.com	Dr.S.Govindarajulu, Prof. in ECE, Dr.KVSRIT Kurnool
kethavathpraveen2000@gmail.com	K.Praveen
gopinath.b.ece@kct.ac.in	Dr.B.GOPINATH
esreddyvaageswari@gmail.com	SRIKANTH REDDY E
archanap949@gmail.com	P.Archana
valli.pravallika21@gmail.com	Dr A RANGANAYAKULU
raghav5588@gmail.com	CHINTALA RAGHAVENDER
pavankumar.palla@gmail.com	Dr.P.PAVANKUMAR
sudhavamsy.akulas@gmail.com	VANTERU SUDHA
paulsonin@yahoo.com	Armstrong Paulson Jaladi
waniac7095@gmail.com	Amol Chandrakant Wani
girik019@gmail.com	K GIRI BABU
krishnaiiscb@gmail.com	AZMIRA KRISHNA
b.suresh48@gmail.com	Bhukya Suresh
bashashaik1617@gmail.com	SHAIK MAHABOOB BASHA
valli.pravallika21@gmail.com	Dr. Anna Ranganayakulu
dsoni071rajeswari@gmail.com	Depala Rajeswari

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.

avrrdg@gmail.com	Dr. Attili Venkata Ramana
saligantimanideep@gmail.com	S, manideepshali
sukanyakurapati@tkrcet.com	SUKANYA K
pradeep@tkrcet.com	Adulapuram Pradeep
pragaticse555@gmail.com	Morampudi Umadevi
ugendhar2008@gmail.com	UGENDHAR ADDAGATLA
shitalraghavwar@gmail.com	shital
rnagini.22@gmail.com	R. V. S. S. NAGINI
rukmini04@gmail.com	RUKMINIDEVI POTLABATHINI
yogesh@vjit.ac.in	Yogesh Raghavwar
ap.ece@kitsw.ac.in	A. Pavan
mallaiah79@gmail.com	Badepally Mallaiah
janardhan.addanki@gmail.com	Addanki Janardhana Rao
mrakesh80@gmail.com	RAJ NARAYAN RAKESH
sivasatyaprasadp@gmail.com	PENNADA SIVA SATYA PRASAD
subratprasadrath@gmail.com	ER. Subrat Prasad Rath
siva.rise@gmail.com	SIVA KUMAR PATHURI
drkishoreparth@gmail.com	KISHORE PARTH
pallavi3386@gmail.com	Dr. Pallavi khare
a.bhanuprasad@vardhaman.org	ANDRAJU BHANU PRASAD
maddelashivanigoud@gmail.com	Maddela Shivani Goud
sophiab@skcet.ac.in	Ms. SOPHIA. B
devendharnayini1224@gmail.com	DEVENDHAR NAYINI
kasularakesh1254@gmail.com	KASULA RAKESH
shireeshakoppula@gmail.com	M Shireesha
kralk1989@gmail.com	K R ANUDEEP LAXMIKANTH
mgs_13@yahoo.com	M G SURESH
manish.suradkar@gmail.com	Manish Suradkar
jhonykrishna1233@gmail.com	Krishna
ravipalleti508@gmail.com	PALLETI RAVI
birru.devender@gmail.com	Dr. Birru Devender
Bittu94@live.com	SUNNY
sandiri.rambhoopalreddy@gmail.com	SANDIRI RAMBHOOPAL REDDY
ashoksagar8181@gmail.com	P ASHOK KUMAR
shiva.ch10@gmail.com	Ch shivashankar
prashanthhsb@gmail.com	Prashanth A
sarabu.neelima@gmail.com	Dr. S. Neelima
nagaseshudu1000@gmail.com	MEDIGA NAGASESHUDU
berasrujana50@gmail.com	BERA SRUJANA
kalyanipala@tkrcet.com	Dr. PALA KALYANI
gangasantoshkumar@gmail.com	G Santosh Kumar
saideepshika444@gmail.com	RAMANAREDDY GUJJULA
sudha@ksrnce.ac.in	VANTERU SUDHA
naresh.burri@gmail.com	Burri Naresh



Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

paila.ganesh@gmail.com	PAILLA GANESH
lakshmicse28@gmail.com	Boddu Venkata naga varalakshmi
senthilram241978@gmail.com	SENTHIL
surenderreddy530@gmail.com	M.Surendar Reddy
jawaharsukumaran@gmail.com	S.JAWAHAR
chandum568@seethapoly.edu.in	MOKA CHANDRA SEK HAR
prathyusharagipani@tkrcet.com	PRATHYUSH RAGIPANI
srilu88@gmail.com	K.Srilatha Reddy
sevanaikb@gmail.com	B.SEVA NAIK
aakashmourya987321@gmail.com	Aakash Kumar
prathyusharagipani@tkrcet.com	PRATHYUSHA RAGIPANI
maheswar.rite@gmail.com	MAHESWAR MISHRA
harishchandra@skasc.ac.in	Mr. HARISHCHANDER ANANDARAM
srinu@vjit.ac.in	B Srinivasulu
muneernrpt@gmail.com	Muneer Ahmed
95ranjeetram@gmail.com	Ranjeet Kumar Ram
amara_gupta@yahoo.com	Amara S A L G Gopala Gupta
zahidbhatelst@gmail.com	Zahid Ahmad Bhat
balakrishnak_ece@mitmysore.in	Dr. Balakrishna K
balakrishnak_ece@mitmysore.in	Dr. Balakrishna K
vinayaktbadiger@gmail.com	VINAYAK BADIGER
vishu597@gmail.com	PATHAPALLI VISHALA
saritakilarapu@gmail.com	SARITA KILARAPU
gayatriananth@gmail.com	Mrs.N.GAYATRI
dkkumar123@gmail.com	KALYAN KUMAR DASARI
sumerajjabeen@gmail.com	SUMERA JABEEN
oxy123@gmail.com	Rajesh
ananthalaxmi@tkrcet.com	ANANTHA LAKSHMI GALI
ms.nagugari@gmail.com	Munisankar Nagugari
prashanthi.peram@gmail.com	P.PRASHANTHI
sumera.mohammadi830@gmail.com	SUMERA MOHAMMADI
g.sumalatha@cmrec.ac.in	G.SUMALATHA
aabdull787275@gmail.com	Abdullah Sk
rgkc.baseer.mcdept@gmail.com	SYEDA BASEER UNNISA BEGUM
mavunuri.ajaykumar503@gmail.com	MAVUNURI AJAYKUMAR
sangeeta.mtech5@gmail.com	SANGEETHA CHANDANAPALLY
khushbu.phd91@gmail.com	Khushbu
sushmasheshadri91@gmail.com	SUSHMA SHESHADRI
umrpatil@gmail.com	Milind Ravindra Patil
lathayarala@tkrcet.com	Ms.Y.LATHA
arunkumaran0705@gmail.com	ARUNKUMAR
waseema_masood@yahoo.com	Waseema Masood
svcgupta@gmail.com	Samayamanthula V C Gupta
deepajothi.a@gmail.com	Dr.S.DEEPAJOTHI

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

rajashekar.parupati@gmail.com	Rajashekar Parypati
lakshmi.d@bvrit.ac.in	Dr Lakshmi D
jayqnthipadmaja@gmail.com	Padmaja
radhikathatikonda08@gmail.com	Mrs. Thatikonda Radhika
subbareddy.thumu@gmail.com	THUMU SUBBA REDDY
shivashankargoud@tkrcet.com	Mr. K. Shiva Shankar Goud
amit.pimpalkar@gmail.com	AMIT PURUSHOTTAM PIMPALKAR
skibrara@gmail.com	Sk Ibrar Ahmed
kala5136@gmail.com	NELLI CHANDRAKALA
dayachintla1@gmail.com	CH DAYAKAR REDDY
gks2405@gmail.com	Dr.S.Gopi Krishna
sri.srinivas.07@gmail.com	ARUMBAKA SRINIVASA RAO
vijayacse20@gmail.com	VIJAYA KUMARI BOLLE
reshmabegum2114@gmail.com	Reshma Begum
shashi@tkrcet.com	T shashikumar
surendher.g@gmail.com	GUNTUKALA SURENDRER
nagababupachhala2019@gmail.com	NAGABABU PACHHALA
srirammurthy.i@gmail.com	SRIRAM MURTHY ITHINENI
uday518@gmail.com	G Uday Kumar
drdj@sitams.org	Dr. D. JAGADEESAN
kumari517@gmail.com	G Kumari
gangalamswathi999@gmail.com	Gangalam Swathi
bharathipasupuleti@gmail.com	PASUPULETI L P BHARATI
jogeshj55@gmail.com	JOGESH J
ch.nagalakshmi18@tkrcet.com	Chaganti B N Lakshmi
hemantkumarrajan506@gmail.com	Dr.Hemant Kumar Rajan
gvk727@gmail.com	VIJAY KUMAR GUDIVADA
boddu.lkv@gmail.com	B Venkata Suresh Reddy
kalpana.mallapragada@gmail.com	RNS KALPANA
srnet2018@gmail.com	Saiganesh
ravindra91077@gmail.com	Dr.Ravindra Kumar
sandeep.m@vishnu.edu.in	SANDEEP KUMAR MUDE
jeraldprasath@tkrcet.com	JERALD PRASATH G
spec.raju@gmail.com	MADGULA RAJU
ankithkumar.c@gmail.com	C Ankith Kumar
luckywarsi01@gmail.com	Dr. MD. Zafar Alam
danishshabbir0@gmail.com	Dr MD DANISH SHABBIR
swamyajay703@gmail.com	Meenapally Ajay Swamy
gadde.cnu@gmail.com	G Srinivas
vishwasri.y@kpritech.ac.in	Y Vishwa Sri
sudhajai2012@gmail.com	P. Devasudha
anjali8500@gmail.com	Dr. ANJALI BHARTI
virajitha835@gmail.com	T Virajitha
thanmayee1384@gmail.com	M Thanmayee

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

sazyatabassum@gmail.com	Saziya Tabbassum
cnaresh515@gmail.com	CHERUKURI NARESH
rajinii00707@gmail.com	Rajini Pakala
nani.naresh2126@gmail.com	Gangala Naresh
tkrcse.sahoo@gmail.com	Shubhashree Sahoo
kumarimanisha220391@gmail.com	Kumari manisha
vasavibvs@gmail.com	VASAVI SRAVANTHI BALUSA
srirecl@gmail.com	Dr.M.Sreedhar Reddy
pratibhat702@gmail.com	Dr.Pratibhadevi Tapashetti
chaitanyaraam@gmail.com	KANCHARAPU CHAITANYA
tejaswini.j30@gmail.com	Tejaswini Vupputuri
venkat0534@gmail.com	KETHINENI VENKATESWARLU
mahjabeenmahfooz@gmail.com	Dr.Mahjabeen Parveen
ramesh@tkrcet.com	VANKUDOTH RAMESH
vineela.madireddy@gmail.com	VINEELA MADIREDDY
maheshnmai@gmail.com	Mr. MAISALIAH NAKKA
srikanth.k@pragati.ac.in	Srikanth Kosaraju
vinitashinkar2014@gmail.com	Vinita Avinash Shinkar
salangai85@gmail.com	D SALANGAI NAYAGI
maniramesh2004@gmail.com	Mrs. Samineni Nagamani
munnakumarsharma123@gmail.com	Munna kumar sharma
mkavita@kluniversity.in	MODEPALLI KAVITHA
madhuram.narayanan96@gmail.com	MADHURAM N
padmabellapukonda@svecw.edu.in	Mrs. Padma Bellapukonda
manikantabvraju@gmail.com	Mr Manikanta Sirigineedi
krishna.vempati2015@gmail.com	Dr. Vempati Krishna
Raj@gmail.com	raj
mamidala.sagar@gamil.com	MAMIDALA SAGAR
rajesh.ragi266@gmail.com	Ragi Rajesh
viveka.k@pragati.ac.in	Lakshmi Viveka Kesanapalli
tkrcsebnarsingam@gmail.com	BANDELA NARSINGAM
sumaswamy_cs@sirmvit.edu	Dr. SUMA SWAMY
ravindar.n@kpritech.ac.in	Ravindar Nunavath
ygtraghav@gmail.com	Yogita yashveer Raghav
karunabellapukonda@gmail.com	Karuna Bellapukonda
pandiramesh82@gmail.com	P Ramesh
kolekarss@rmcet.com	Suresh Sudam Kolekar
girishyenagimath02@gmail.com	Mr Girish P Yenagimath
babureddyhosamani@gmail.com	Dr. Babu Reddy
priyankakamatham@outlook.com	Kamatham Priyanka
prashanth@sreedattha.ac.in	ADDAGATLA PRASHANTH
pavani.kandula9@gmail.com	Kandula PavaniKrishna
arunavnanda7@gmail.com	Arunav Nanda
josephine.cse@cambridge.edu.in	Dr. Josephine Prem Kumar


PRINCIPAL
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Bowli, Meerpet, Hyderabad-500097.

raja.praneesh@gmail.com	Praneesh M
balu.sama@gmail.com	S Balakrishna Reddy
nanicharan1312@gmail.com	PARASHARAM SAI CHARAN
gnarendra32@gmail.com	Narendra Ganiseti
19wh1a05B6@bvrithyderabad.edu	Akshitha. Bichala
anbudansubbu@gmail.com	T C Subbu Lakshmi
pchandrashekar15@gmail.com	CHANDRASHEKAR P
ramaponnuvarman@gmail.com	RAMA.P
priyadarshini414@gmail.com	B. Indira Priyadarshini
vs@rcee.ac.in	Dr. V Suryanarayana
ramyathumuganti44@gmail.com	Ms.Thumuganti Ramya
maanasa.thogaru@gmail.com	Maanasa Thogaru
riyaz@mcollege.ac.in	MD RIYAZUDDIN
samhithaka@gmail.com	KESARI ANANDA SAMHITHA
e.bengeorge@gmail.com	Ben George Ephrem
chandu.kathi@gmail.com	Kathi Chandra Mouli
razia28sk@gmail.com	Dr.Shaik Razia
hanishbodepudi@gmail.com	Hanish chaitanya BODEPUDI
maheshkumarp@tkrcet.com	PONNA MAHESH KUMAR
hariiprawsaad@gmail.com	Hari Prasad Amgoth
s.srinivas241@gmail.com	SRINIVAS SINGIRIKONDA
29pranusha@gmail.com	DHAVALA PRANUSHA
ashwan.naathi@gmail.com	N.ASHWAN KUMAR
srinivas69@gmail.com	p srinivas
vimalamanohararuth_cse@cbit.ac.i	P Vimala Manohara Ruth
umamaheshwari@gmail.com	P.Uma Maheshwari
ranganath.ballarapu@gmail.com	Ranganatha rao
gujjula.ramanareddy@gmail.com	RAMANAREDDY GUJJULA, ASSOCIATE PROFESSOR
pujitha303@gmail.com	PUJITHA JADAM
bk.chinna09@gmail.com	BERAGERI KURUVA CHINNA MADDILETI
lakshmi@tkrcet.com	PALAPU LAKSHMI
gopiadapa@stmarysgroup.com	Dr. ADAPA GOPI
sureshchemistry2013@gmail.com	Dr Suresh Kumar
srilu88@gmail.com	K.Srilatha Reddy
adurthigagana77@gmail.com	Gagana Adurthi
tulasiratnamani.chigurupati@gmail	TULASI RATNA MANI CHIGURUPATI
anila@kluniversity.in	Anila M
vprayar85@gmail.com	Mr. VEERAPPA RAYAR
chandra.ambarapu@gmail.com	Mr CHANDRA SEKHAR AMBARAPU
rajesh.certifications@gmail.com	Dr. Rajesh Thumma
kurumeti.kumar@gmail.com	N S L KUMAR KURUMETI
satyasree.hr@gmail.com	Nagasree
md.f.shariff@gmail.com	MOHAMMAD F SHARIF
ss4gupta13@gmail.com	Dr.Sangeeta Gupta

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

dr.rameshbabu526@gmail.com	Dr. Ramesh Babu Pittala
pillalamari.vinay@gmail.com	P. Vinay Bhushan
dralihussain@kluniversity.in	Dr. Mohammed Ali Hussain
nagasree_k@yahoo.com	KBVK NAGASREE
padmaja.j2ee@gmail.com	Dr Padmaja Pulicherla
sangeethasanju70@gmail.com	Gugulotu Sangeetha
meduri.vsd@gmail.com	Dr.M. V. VIJAYA SARADHI
vnkt.kishore@gmail.com	Sunkara Venkata Kishore Babu
cdmalleh@gmail.com	Mallehwar Chelluri Durga
balakotte9@gmail.com	K V BalaMurali Krishna
peddisandhya2000@gmail.com	PEDDI SANDHYA
varthinevigna@gmail.com	K.PARVATHSUMAN
tejeshbss@gmail.com	B.S.S.TEJESH
arulraj121@gmail.com	T.ARUL RAJ
saiprasad5813@gmail.com	SAI PRASAD BASWOJU
ganeshlaxmaiah@gmail.com	Rajesh Bhamar
sujatha.cm118@gmail.com	YAGATI MARY SUJATHA
bhargavi.mtech@gmail.com	Dr.K.Bhargavi
illamavi510@gmail.com	Illa Mavullamma
murthy.endla@gmail.com	ENDLA LINGAMURTHY
kingvnk@gmail.com	V NITESH
bharath.bsmn@gmail.com	k bharath reddy
VEERSUDHEERGOUD@GMAIL	VEER SUDHEER GOUD
sreevasmtech@gmail.com	SRINU DHARAVATH
keerthi6palak@gmail.com	PALAKURTHI KEERTHI
swamy.kumar126@gmail.com	N kumar
naramulavenkatesh@gmail.com	NARAMULA VENKATESH
keerthi1212@gmail.com	Keerthi Manchikanti
vreddy7062@gmail.com	JAGADEESHWAR REDDY V
anu.akshaya123@Gmail.com	Anusha odugu
muthulakshmi311292@gmail.com	MUTHULAKSHMI M
rajyalakshmi123@gmail.com	S Rajya Lakshmi
manasa.587@gmail.com	G Manasa
lavanyamora414@gmail.com	M LAVANYA
teralasrajankumar@gmail.com	T SRAJAN KUMAR
santhosh.ph10@gmail.com	Dr CH N SANTHOSH KUMAR
kuna48@gmail.com	Kuna Naresh
sdurgadevi_cse@cbit.ac.in	S Durga Devi
varun.patil40@gmail.com	Varun Patil
rkalpz77@gmail.com	C.Kalpana
nareshmp6@gmail.com	NARESH MAHESWARA
padmajaurthy30@gmail.com	Amirineni Rama L Padmaja
gopikrishna.popuri@kluniversity.in	Dr Gopi Krishna
dranishcmishra@gmail.com	Dr. Anish Chandra Mishra

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

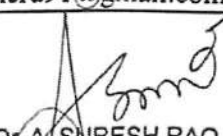
PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.

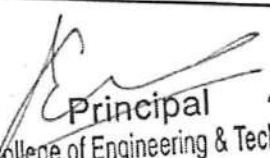
mallareddy.m@gmail.com	Dr.M.Mallareddy
Murugan.manikandan@gmail.com	MANIKANDAN M
swapna.pochaboina@gmail.com	P.Swapna
sivaraman@vcew.ac.in	S.Sivaraman
bobby.santosh555@gmail.com	A Sai Santosh
lathajothi.s@gmail.com	Dr V.LATHA JOTHI
vasumecse@gmail.com	VASUDEVAN M
Kalpana300592@gmail.com	B. Kalpana
sentilkumaar@gmail.com	SENTHIL KUMAR S
gm.subhani57@gmail.com	GULAM MAHABUB SUBHANI




Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

mayankamishramuz@gmail.com	Mayanka kumari
srinivasulu541@gmail.com	Modiboina Sreenivasulu
vathsalyadaripally@gmail.com	Ms.VATHSALYA DARIPALLY
reddy.kavitha42@gmail.com	T KAVITHA
vathsalyanaveen1@gmail.com	Mr.D.NAVEEN KUMAR
venkatramreddy@tkrcet.com	venkatram reddy g
srinivas12ram@gmail.com	RAMA KRISHNA SRINIVAS G
haritha_donavalli@kluniversity.in	Dr D Haritha
nagaraju.devajji@matrusri.edu.in	Nagaraju Devajji
daripallyvarun@gmail.com	Mr. SAI VARUN DARIPALLY
19wh1a05b5@bvrithyderabad.edu.	C.Haasini
urmila913@gmail.com	Dr B Urmila
shravyavani289@gmail.com	B Shravya Vani
anushakunchakuri3@gmail.com	Anusha Kunchakuri
indiravardhan@gmail.com	M.INDIRA
thyaga569@gmail.com	Thyagarajan
kumar.manmohan4@gmail.com	Dr.Manmohan Singh
professorvichu@gmail.com	Dr.A. Viswanathan
umadeena@gmail.com	UMAMAHESWARI M
kaushikdevarapalli@gmail.com	KAUSHIK DEVARAPALLI
canand02@gmail.com	Dr.C.ANAND
drchandru86@gmail.com	Dr. V Chandrasekar
ivasu78@gmail.com	VASUDEVAN I
psubbarao1406@gmail.com	SUBBA RAO PEYYALA
profskannan@gmail.com	Kannan Shanmugam
ramnaresh167@gmail.com	J RAMNARESH YADAV
thirumalaiselvan027@outlook.com	Dr.C. THIRUMALAI SELVAN
drvelmurugans@veltech.edu.in	Dr.S.Velmurugan
neha.singhtch@gmail.com	T.NEHA SINGH
mkravikkumar@gmail.com	K.Ravikumar
thangarasan89@gmail.com	THANGARASAN T
adithyavasuki2@gmail.com	Mrs.N.Vasuki
vigneshj2004@gmail.com	Dr vignesh janarthan
mythilimurugan7@gmail.com	Mythili M
maheindia76@gmail.com	Dr. N. Magendiran
swathi.cse@dgct.ac.in	SWATHI H
johnpimo@sxcce.edu.in	JOHN PIMO S
bikkucs@gmail.com	BIKKU RAMAVATH
tovijayakumar@gmail.com	Dr. M. Vijayakumar
cskinit@gmail.com	Sureshkumar C
sirishamacharla3@gmail.com	Ms.Macharla Sirisha
mjawahar@gmail.com	Dr.M.Jawahar
ravi.belli@gmail.com	Gurugubelli Ravikumar
lavanya.tanneru91@gmail.com	Tanneru Venkata Lavanya


Dr. A. SURESH RAO
 HEAD OF THE DEPARTMENT
 Dept. of Computer Science & Engineering
 T.K.R. College of Engineering & Technology
 Medbowli, Meerpet, Hyderabad - 500 097.


Principal
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-97.


PRINCIPAL
 TKR College of Engineering & Technology
 (AUTONOMOUS)
 Medbowli, Meerpet, Hyderabad-500097

A Report on

“ADVANCED DATA PROCESSING USING ML,ANN & DL”

Date: 20/07/2020

“A Five Day Faculty Development Programme on “ADVANCED DATA PROCESSING USING ML,ANN & DL” was organized for faculty of CSE Department, during 13TH -17TH July,2020.

The following is the list of Resource Persons.

1. Dr. D. Haritha, Department of CSE, KLU
2. Dr. Mastan Department of CSE,CMR College of Engineering, HYD.
3. Dr. Satti Babu, Department of CSE, NIT Rourkela.
4. Dr. Santosh Kumar, Department of CSE, Malaviya National Institute of Technology, JAIPUR.
5. Dr. Subba Rao, Department of CSE, Vignan University, Guntur

This FDP was organized by department of CSE, TKRCET. This FDP covered **ADVANCED DATA PROCESSING USING ML,ANN & DL**.

The following Topics and modules are covered by the Resource Persons.

S.No	DATE	Resource Person	Topic
1	13/7/20	Dr.D.Haritha Professor and head of Basic Engineering Sciences KLU VADESWARAM, Vizayawada haritha_donavalli@kluniversity.in	Introduction to ML, Data processing and Visualisation
2	14/7/20	Dr.TSubhaMastan Rao Professor, Innovation cell Head , CMR Technical Campus Hyderabad mastanrao.cse@cmrtc.ac.in	Regression learning and optimization problems
3	15/7/20	Dr.KorraSathyaBabu	Supervised

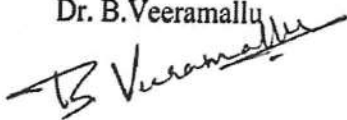
Principal

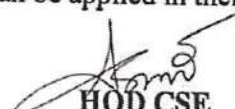
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(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


		Professor, NIT Rourkela ksathyababu[at]nitrkl.ac.in	and unsupervised learning
4	16/7/20	Dr.Santosh Kumar Vipparthi Professor, Malaviya National Institute of Technology, Jaipur skvipparthi@mnit.ac.in	Artificial Neural Networks and back propagation
5	17/7/20	Dr.SubbaraoPeram Professor VFSTR University, VadlamudiGUNTUR drpsr_it@vignan.ac.in	Introduction to Deep learning

The FDP gave insights and knowledge on ML, Data processing and Visualization, Regression Learning, Optimization Problems, Supervised & Unsupervised Learning, Artificial Neural Network & Back Propagation, Deep Learning .FDP was attended by 494 Participants with tremendous contribution and response Programme was grand success. Feedback gathered for the content of FDP indicates that session was helpful and the concepts learned can be applied in their research.

Faculty Coordinator
Dr. B.Veeramallu




HOD CSE
Dr. A.Suresh Rao


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.



TKR COLLEGE OF ENGINEERING & TECHNOLOGY
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ADVANCED DATA PROCESSING

Resource Person
Dr.D.Haritha
(Department of CSE,KLU)

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97

MULTITECHNOLOGY

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
Meerpet, Medbowli, sarooranagar-500097

DEPARTMENT OF CSE

Dt. 14.06.2021
Hyderabad

To
The Principal,
TKRCET, Meerpet.

Through Proper channel

Sub: Request to permit us to conduct FDP.

Respected Sir,

We are glad to inform you that Dept of CSE took the initiative to conduct a six days FDP on "Multi Technology".

The speaker of the session is

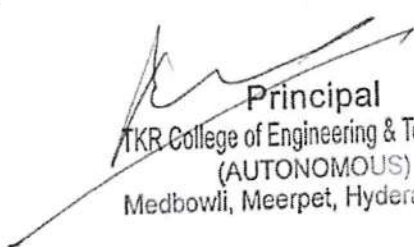
1. Dr. Shivaji Chadaram
2. Dr. Buddha Chandrashekar

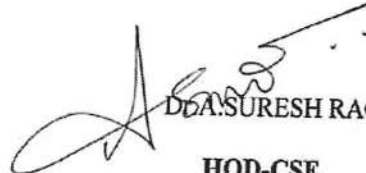
The tentative schedule of organizing FDP is 28/06/2021 to 03/07/2021.

In this regard, we request the high office, to permit Department of CSE to conduct the FDP.


Thanking you Sir,

*Submitted to
Principal Sir,
for consideration & approval
14/6/2021*


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


Dr. A. SURESH RAO
HOD-CSE

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.



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AN AUTONOMOUS INSTITUTION

Accredited by NBA and NAAC with 'A' Grade

Medbowli, Meerpet (V), Balapur (M) Ranga Reddy (D), Hyderabad, Telangana - 500097

Mobile: 9100377790, E-mail: info@tkrcet.ac.in, Website: www.tkrcet.ac.in



College Code: K9

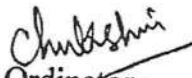
DEPARTMENT OF CSE


Circular No: TKRCET/CSE/Seminar/Workshop/FDP/2020-2021

Dt. 22.06.2021
Hyderabad.

CIRCULAR

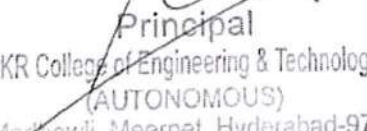
This is to inform to all the staff and students that Department of CSE, TKRCET is conducting a FDP on “Multi Technology” from 28.06.2021 to 3.07.2021. The interested candidates can register their names. The brochure and the schedule will be shared.



Co-Ordinator,
Dr.CH.B.N.Lakshmi


HOD - CSE
Dr. A. Suresh Rao

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.

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Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.

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'NATIONAL LEVEL' 1 WEEK FACULTY DEVELOPMENT PROGRAM ON MULTI TECHNOLOGY.

28/06/2021 - DART
29/06/2021 - REACT JS
30/06/2021 - INFORMATICA
01/07/2021 - AWS
02/07/2021 - DEVOPS
03/07/2021 - GITHUB

REGISTRATION QR CODE:



"E-CERTIFICATE WILL BE PROVIDED"

ALL THE FACULTY ARE INVITED

REGISTRATION LINK:

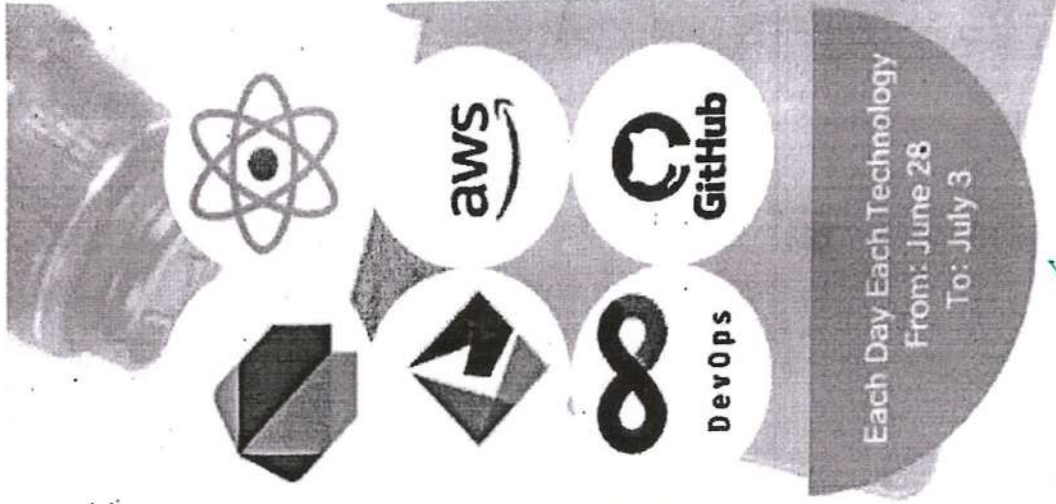
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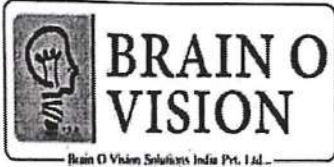
DR. D. V. RAVISHANKAR,
PRINCIPAL

DR. SURESH RAO
HOD, CSE
DR. CH. B. NAGALAKSHMI
CONVENOR

IN ASSOCIATION WITH BRAIN O VISION SOLUTIONS INDIA PVT. LTD



[Signature]
Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



भारतीय राष्ट्रीय युवा परिषद
National Youth Council of India

Certificate of Appreciation

Proudly presented to

**TKR COLLEGE OF ENGINEERING AND
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with sincere thanks for
your **Precious Collaboration & participation**

in our

**National Level One Week FDP
(Faculty Development Program)**

on **MULTI TECHNOLOGIES**

From **28th June 2021 to 03rd July 2021**

Organized by

BrainOvision Solutions India Pvt..Ltd.

in association with

National Youth Council of India

Ganesh Nag Doddi
Founder & CEO
BrainOvision Solutions

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500014

Datchana Murthy Ramu
National General Secretary
National Youth Council of India

kuna48@gmail.com	Kuna Naresh	Faculty	Technology	8326239744 eiaingaria
radhikathatikonda08@gmail.com	Thatikonda Radhika	Faculty	Technology	9492886960 Telanagana
naresh.burri@gmail.com	Burri Naresh	Faculty	TECHNOLOGY	7416444939 Telanagana
pragathivulpala@gmail.com	Pragathi vulpala	Faculty	technology	9985352508 Telanagana
thanmayee1384@gmail.com	M Thanmayee	Faculty	TECHNOLOGY	886503730 TELANGANA
geraldprasath@gmail.com	Jerald Prasath G	Faculty	Technology	9486085538 Telanagana
tejaswinin507@gmail.com	B. Tejaswini	Faculty	technology	6303385851 Telanagana
danushpattela@gmail.com	P. Dhanush	Research sch	Technology	9121761692 Telanagana
lakshmi@tkrcet.com	PALAPU LAKSHMI	Faculty	TECHNOLOGY	8125865313 TELANGANA
msiri515@gmail.com	M. RatnaSirisha	Faculty	TKR engineering college	8142323939 Telanagana
poojamatikonda@tkrcet.com	M Pooja	Faculty	TKRCET	9963638764 Telanagana
ananthalaxmi@tkrcet.com	ANANTHA LAKSHMI GALI	Faculty	TKRCET	6300196337 Telanagana
asandhyarani@tkrcet.com	A.sandhyarani	Faculty	Tkrcet	9966960345 Telanagana
arpitha@tkrcet.com	ARPITHA GANGULA	Faculty	TKRCET	9390883437 TELANGANA
binduveeravalli009@gmail.com	Veeravalli Bindu sree	Research sch	Vidya Jyothi institute of technology	9963978211 Telanagana
babureddyhosamani@gmail.com	Dr. Babu Reddy	Faculty	Kalaburagi	9844419905 Kamataka
shamim002@gmail.com	SHAMIM AHMAD KHAN	Faculty	Shibli National College	7007921129 UP
srihari.harikrishnan@gmail.com	Harikrishnan MP	Faculty	ENGINEERING AND TECHNOLOGY	9895912185 KERALA
rajyalaxmi.kandala@gmail.com	Kandadi Rajyalaxmi	Faculty	College	8125491194 Telanagana
mazhar940@gmail.com	Majharoddin Kazi	Faculty	Science and Information Technology,	8600605785 Maharashtra
menaka.mohan.in@gmail.com	Menaka.M	Research sch	Advanced Studies (VISTAS)	9840068462 Tamil nadu
ramesh@tkrcet.com	VANKUDOTH RAMESH	Faculty	TECHNOLOGY	8374442438 TELANGANA
jyothichepuri@tkrcet.com	Cholleti Jyothi	Faculty	technology	8886919966 Telanagana
iqrar.cse@gmail.com	IKRAR AHMAD	Research sch	ITM ALIGARH	9557026510 Uttar Pradesh
nellipudirajeswari.m@gmail.com	Ms. N Rajeswari	Faculty	Pallavi engineering college	8367360283 Telanagana
jakeerhussainsk@gmail.com	Shaik Jakeer Hussain	Faculty	Technology	9912721786 Telanagana
virajitha835@gmail.com	T Virajitha	Faculty	technology	9063942664 Telanagana
vnbr80@gmail.com	V Naga Bhaskar Rao	Faculty	Narayana Engineering college Gudur	9346510249 Ap
gangasantoshkumar@gmail.com	G Santosh Kumar	Faculty	technology	9490094700 Telanagana
hattafiy@gmail.com	YOUSSEF HATTAFI	Research sch	FST USMBA	2.1262E+11 Fez Meknes
sandirisowmya14@gmail.com	Sandiri Sowmya	Research sch	Tkr college of engineering & Technology	9618198875 Telanagana
kala5136@gmail.com	NELLI CHANDRAKALA	Faculty	technology,Hyderabad	9963535136 Telanagana
jaikumar1786@gmail.com	T. JAYAKUMAR	Faculty	Seshasayee institute of technology	8012205551 Tamilnadu
drtrn@rediffmail.com	DR. T. RAGHUNANDAN	Professor	UNIVERSITY	9440477240 TELANGANA
sarose.mishra@gmail.com	Sarojananda Mishra	Professor	Indira Gandhi Institute of Technology	9861414972 Odisha
sasmita.mishra.csee@gmail.com	SAROJANANDA MISHRA	Professor	Indira Gandhi Institute of Technology	9861361562 Odisha
laxmanperika@gmail.com	LAXMAN PERIKA	Faculty	Vignana Bharathi Engineering College	9963906896 Telanagana
rajupesaruresearch@gmail.com	PESARU RAJU	Research sch	OSMANIA UNIVERSITY	9959281585 TELANGANA

Pjincipal

TKR College of Engineering & Technology
(AUTONOMOUS)

Madhavuli Meenat Hyderabad-97

salangai85@gmail.com	D SALANGAI NAYAGI	Faculty	AMC ENGINEERING COLLEGE	8220842135	Karnataka
sunilbhutani@gmail.com	Sunil Bhutani	Faculty	Aryan college	9569806826	Punjab
prof.amjansh@gmail.com	Dr.Amjansh Shaik	Professor	BVRIT	9866040342	Telangana
senthilkumar75.mca@gmail.com	Senthilkumar Ramachandran	Faculty	Higher College of Technology	9791132091	Muscat
akb.mtech@gmail.com	Mohammed Akbar	Faculty	Higher College of Technology	952339058	Muscat
regulathirupathi@gmail.com	Dr. Thirupathi Regula	Faculty	Higher College of Technology	96895240103	Muscat, Oman
reddy.kavitha42@gmail.com	T Kavitha	Faculty	&Science	9885668488	Telangana
bashashaik1617@gmail.com	SHAIK MAHABOOB BASHA	Faculty	TECHNOLOGY AND SCIENCE	9700924204	Telangana
rafathsamrin@gmail.com	Rafath Samrin	Faculty	ISL Engineering College	9959003062	Telangana
singhsk_1982@yahoo.com	Saurabh Kumar	Research sch	Jamia Hamdard	9599284250	Delhi
ravi2kinus@gmail.com	Ravi Kumar Munaganuri	Faculty	Joginpally B R Engineering College	9676399942	Telangana
dubbaka.navya@gmail.com	Dubbaka Navya	Faculty	Joginpally BR Engineering college	9160556577	Telangana
bhargavdonthula@gmail.com	Dounthula bhargav kumar	Research sch	mahaveer institute	8464846162	Telangana
malliah79@gmail.com	BADEPALLY MALLIAH	Faculty	AND TECHNOLOGY	9640199536	TELANGANA
srinivasiddi@gmail.com	SIDDI SRINIVAS	Faculty	Technology	9030550845	Telan6
girik019@gmail.com	K GIRI BABU	Faculty	AND TECHNOLOGY	9553233075	Telangana
alukamadhavi2000@gmail.com	A Madhavi	Faculty	MECS	7799477999	Telangana
ankithkumar.c@gmail.com	C Ankith Kumar	Research sch	Mgit	8125255562	Telangana
dyapa.sreelatha@gmail.com	D.Srilatha	Faculty	mist	9391366366	telangana
vinodb129@gmail.com	Vinod	Faculty	MIST, hyderabad	9738480610	Telegana
battuthirupathi2@gmail.com	THIRUPATHI BATTU	Research sch	OSMANIA UNIVERSITY	9959073944	TELANGANA
rgkc.baseer.mcadept@gmail.com	BEGUM	Faculty	R. G. KEDIA COLLEGE	8523062565	Telangana
sharmila.cse@srecnandyal.edu.in	SHARMILA DEVI M	Faculty	SANTHIRAM ENGINEERING COLLEGE	9441179564	AP
farooq.cse@srecnandyal.edu.in	MAHAMMAD	Faculty	Santhiram Engineering College	9885424311	Andhra Pradesh
riyaz.cse@srecnandyal.edu.in	RIYAZ NAIK S MD	Faculty	SANTHIRAM ENGINEERING COLLEGE	9299503518	Andhra Pradesh
varaprasad.cse@srecnandyal.edu.in	GENTEM VARAPRASAD	Faculty	Nandyal	9553992154	Andhra Pradesh
vijaya.bhonnagiri@gmail.com	B. VIJAYA LAXMI	Faculty	Satavahana University	9848661060	Telangana
illamavi510@gmail.com	Illa Mavullamma	Faculty	Bhimavaram	8247449886	Andhra Pradesh
satyasambhani@gmail.com	Satyanarayana Sambhani	Faculty	Smt.B.Seetha Polytechnic	9966760511	Andhra Pradesh
mmanohar2901@gmail.com	MANOHAR MANCHALA	Faculty	SPHOORTHY ENGINEERING COLLEGE	9440420062	TELANGANA
harshavgse@gmail.com	HarshaVardhan Awari	Faculty	SR University	9247282623	Telangana
madhulatha.cse@srecnandyal.edu.in	M.MADHU LATHA	Faculty	SREC	8885315619	AP
pallavi.videm@gmail.com	Pallavi. Videm	Faculty	college	9030101886	Telangana
padmaja.j2ee@gmail.com	Dr.Padmaja Pulicherla	Professor	College	8309255335	Principal
tkrcs.sahoo@gmail.com	Mrs Shubhashree Sahoo	Faculty.	College	9088800499	Principal
Vikasyadavmbd@gmail.com	Vikas Yadav	Research sch	Teerthanker Mahaveer University	9760334108	Principal
dileep6@gmail.com	Dileep Kumar Ravikanti	Faculty	TKR	9292009947	Principal
srikanth.nayak49@gmail.com	Guguloth srikanth	Research sch	TKR college of engg & technology	9951173435	Telangana

(Handwritten signature)
 PRINCIPAL
 College of Engineering & Technology
 (AUTONOMOUS)
 Meenpet, Hyderabad-500082
 TELANGANA
 India

Sharanya	Research sch	Kamala Institute of technology & Science	8919882298	Telangana
macha.narender@gmail.com	Professor	Technology(K9)	9603865791	Telangana
s.roshansanthosh@gmail.com	Research sch	Ramapuram Campus	8300278552	Tamil Nadu
pradeep@tkrcet.com	Faculty	Technology	9441971303	Telangana
yadagiriinkuu@gmail.com	Faculty	ENGINEERING COLLEGE	9000218068	TELANGANA
qamarmohammad82@gmail.com	Research sch	Jamia Millia Islamia University	7838135644	Delhi
vinay_nassa@rediffmail.com	Research sch	Technology(Patiala)	9215248268	Punjab
rbandiprakash@gmail.com	Research sch	Technology	6302049245	Telangana
padmavathi.nakka5@gmail.com	Faculty	TECHNOLOGY	9652415416	Telangana
rama.krishna.jntu@gmail.com	Faculty	Indian Naval Academy, Ezhimala	9849664381	Kerala
Lingam.1222@gmail.com	Faculty	GMR POLYTECHNIC UTNOOR	8897066913	Telangana
prinza.nice33@gmail.com	Professor	TECHNOLOGY	8220166776	Telangana
reddy.sinu2003@gmail.com	Professor	ENGINEERING COLLEGE	9000711643	Telangana
sudharani@tkrcet.com	Faculty	TECHNOLOGY	91986692127	Telangana
prathyushachiyala@tkrcet.com	Faculty	TECHNOLOGY	9492398433	TELANGANA
sahithreddy.467@gmail.com	Faculty	TKRCET	9000752841	telangana
sukanyakurapati@tkrcet.com	Faculty	TECHNOLOGY	9951018558	TELANGANA
chaitanyamruti@tkrcet.com	Faculty	TKRCET	9966416718	Telangana
veerashaivaipriya05@gmail.com	Research sch	technology	7013598571	Telangana
papithasri17@gmail.com	Professor	College,Rasipuram	9025665455	Tamilnadu
harshithdontula6@gmail.com	Research sch	vardhamn college of engineering	8897708686	Telangana
deepadas.ctc@gmail.com	Faculty	Kalahandi, Bhawanipatna	9937326185	Odisha
Mounikakomirelli@tkrcet.com	Faculty	technology	9493954503	Telangana
vasavi@tkrcet.com	Faculty	TECHNOLOGY	8500088390	TELANGANA
vickynair@tkrcet.com	Professor	Technology	9446445082	Kerala
satshivani1999@gmail.com	Research sch	Tkr college of engineering and technology	9676141887	Telangana
enr.mansoorhayat@gmail.com	Faculty	University of Sargodha	9.23027E+11	Punjab
mohammedmukram786@gmail.com	Faculty	Technology	9000654550	Telangana
kishorechemistry.87@gmail.com	Faculty	AAR Mahaveer engineering college	9966606554	Telangana
presriquester@gmail.com	Faculty	ji college of arts and science	7708844621	Tamil Nadu
allenkijyoshna@gmail.com	Faculty	TECHNOLOGY	9949532514	Telangana
sateeshb Kumar@gmail.com	Professor	JNTUJCE JAGTIAL	9.19885E+11	Telangana
sowjanayak6data@gmail.com	Faculty	technology	9948125333	Telangana
harinikota902@gmail.com	Faculty	TECHNOLOGY	9652552518	TELANGANA
shyam44@gmail.com	Faculty	Vasavi College of Engineering	8978428852	Telangana
mounikateja44@gmail.com	Faculty	Gurumanak university	8977648378	Telegana
kasalanag@gmail.com	Faculty	COLLEGE(A)	9849651714	TELANGANA
bibhudendu76@gmail.com	Faculty	RIMS	9861159555	Odisha

chaitanyamruti@tkrcet.com	M.CHAITANYA	TKRCET	9966416718	Telangana
veerasaivaipriya05@gmail.com	Veerasaiva priyanka	Sri indu institute of engineering and technology	7013598571	Telangana
papithasri17@gmail.com	K.Papithasri	Muthayammal Engineering College,Rasipuram	9025665455	Tamilnadu
harshithdonthula6@gmail.com	harshith	vardhamn college of engineering	8897708686	Telangana
deepadas.ctc@gmail.com	DEEPA DAS	Bhawanipatna	9937326185	Odisha
Mounikakomirelli@tkrcet.com	Komirelli mounika	TKR college of engineering and technology	9493954503	Telangana
vasavi@tkrcet.com	VASAVI SRAVANTHI BALUSA	TECHNOLOGY	8500088390	TELANGANA
vickynair@tkrcet.com	Vicky Nair	TKR college of engineering and technology	9446445082	Kerala
saishivani1999@gmail.com	Banda Sai Shivani	TKr college of engineering and technology	9676141887	Telangana
engr.mansoorhayat@gmail.com	Mansoor Hayat	University of Sargodha	9.23027E+11	Punjab
mohammedmukram786@gmail.com	MD MUKRAM ALI	Shadan College of Engineering and Technology	9000654550	Telangana
kishorechemistry.87@gmail.com	B R Saikishore Kumar	AAR Mahaveer engineering college	9966606554	Telangana
presiquester@gmail.com	L prisilla	ji college of arts and science	7708844621	Tamil Nadu
allenkijyoshna@gmail.com	JYOSHNA ALLENKI	TECHNOLOGY	9949532514	Telangana
sateeshb Kumar@gmail.com	Dr B Sateesh Kumar	JNTUHCE JAGTIAL	9.19885E+11	Telangana
sowjanyaayk6data@gmail.com	B Sowjanya	Methodist college of engineering and technology	9948125333	Telangana
harinikota902@gmail.com	KOTA HARINI	TECHNOLOGY	9652552518	TELANGANA
shyam4@gmail.com	Shyam Sunder Reddy K.	Vasavi College of Engineering	8978428852	Telangana
mounikateja44@gmail.com	M.mounika	Gurunanak university	8977648378	Telegana
kasalanag@gmail.com	Dr. KASALA NAGESWAR RAO	COLLEGE(A)	9849651714	TELANGANA
bibhudendu76@gmail.com	Bibhudendu Panda	RIMS	9861159555	Odisha
navyabing30@gmail.com	Bingi.Navya	Sri Indu college of Engineering & Technology	8179766136	Telangana
sai3103@gmail.com	S Sai Sree Andal	Tkr college of engineering and technology	9701561080	Telangana
ravegag@gmail.com	R.V.GANDHI	KMIT	9849029917	Telangana
swapnabeesam@tkrcet.com	B SWAPNA REDDY	TKRCET	9553333595	Telangana
ksneha.ece@jbiet.edu.in	Mrs.K.Snehalatha	JB Institute of Engineering and Technology	9866841293	Telangana
bangaru.nikhila@gmail.com	NIKHILA BANGARU	TECHNOLOGY	9885995239	Telangana
sannndheep85@gmail.com	A Sandeep	Sri Indu college of engineering and technology	9492652614	Telangana
ratnajikothapalli@gmail.com	Ratnaji Kothapalli	Vivekananda degree college	9381138262	Telangana
ashokkaiva15@gmail.com	KASHOK KUMAR	KANCHANBAGH	9030707850	TELANGANA
radhnaphd13@gmail.com	S.RADHA	KITS, CBE	9677532662	Tamil Nadu

Dr. A. SURESH RAO

HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-500097.

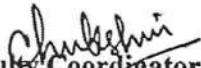
A Report on "Multi Technology"

Date: 04/07/2021

"A One week fdp on "Multi Technology" was organized for faculty of Department of CSE, from 28.06.2021 to 3.7.2021.

Multi Technology fdp has been conducted by Dept of CSE in association with brain O vision solutions India pvt.ltd.

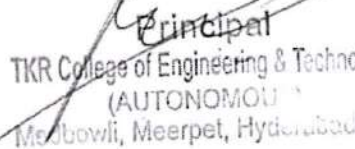
The workshop gave awareness and comprehension on DART, REACT JS, INFORMATICA, AWS, DEVOPS, GITHUB which helps in exploring various technologies and using them appropriately in solving various engineering problems. fdp was attended by 121 Participants with tremendous response from all the participants, Program was grand success. Feedback gathered for the content of fdp indicates that session was helpful.


Faculty Coordinator
Dr.CH.B.N.Lakshmi


HOD-CSE
Dr. A.Suresh Rao

Dr. A. SURESH RAO
HEAD OF THE DEPARTMENT
Dept. of Computer Science & Engineering
T.K.R. College of Engineering & Technology
Meerpet, Hyderabad - 500 097.


PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

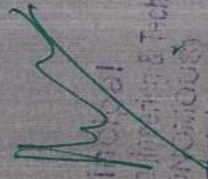
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MULTITECHNOLOGY

BRAIN O VISION


Prithvi
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**ADVANCED DATA PROCESSING USING MACHINE
LEARNING**

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF INFORMATION TECHNOLOGY

Dt.05.03.2021
Hyderabad

To
The Principal,
TKRCET, Meerpet.

Through Proper channel

Sub: Request to permit us to conduct Workshop

Respected Sir,

We are glad to inform you that Department t of Information Technology took the initiative to conduct a one day workshop on "Advanced Data Processing using Machine Learning"

The speaker of the session is

1. Dr. Pratap Reddy, Ganapathy College of Engineering.

The tentative schedule of organizing workshop is on 16/03/2021.

In this regard, we request the high office, to permit Department of Information Technology to conduct the Workshop.


Thanking you Sir,



Dr. N. Satyanarayana

HOD-IT

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.



Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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Medbowli, Meerpet, Saroornagar, Hyderabad - 500 097

Phone: 040-65587536, 65347536 Fax: +91-040-24094567 IVR : 24097333

e-mail: info@tkrcet.ac.in website: www.tkrct.ac.in

College Code : K9

DEPARTMENT OF INFORMATION TECHNOLOGY

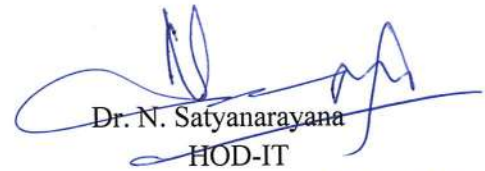
Circular No.: TKRCET/IT/Workshop 01/2020-21

Dt.10.03.2021
Hyderabad


CIRCULAR

This is to inform to all the staff and students that Department of Information Technology, TKRCET is conducting a Workshop on "Advanced Data Processing using Machine Learning" on 16.03.2021. The interested candidates can register their names. The brochure and the schedule will be shared.


Co-Ordinator


Dr. N. Satyanarayana
HOD-IT

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

CHIEF PATRON

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CO-PATRONS

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Vice Principal & Dean

CONVENOR

Dr N.Satyanarayana, Professor,HOD-IT

CO-ORDINATOR

Mrs. C.Jaya Lakshmi
Associate Professor

PROGRAM CO-ORDINATOR

Mrs. D. Kavitha, Assistant Professor

ORGANIZING COMMITTEE

- 1) Mr V. Ravi Kumar, Associate Professor
- 2) Mrs T.Madhumathi, Assistant Professor

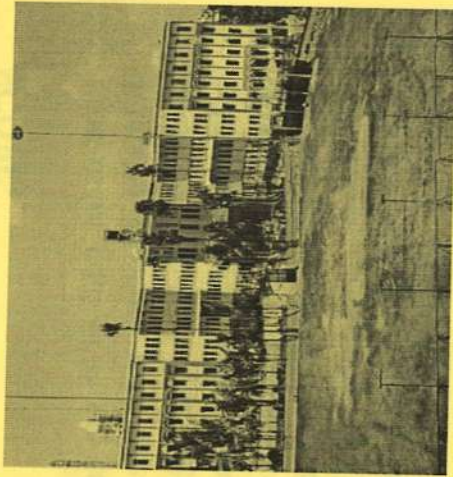
VENUE

Seminar Hall

Department of Information Technology
TKRCET

CONTACT

Mrs. D. Kavitha, Assistant Professor
9949509397



RESOURCE PERSON

Dr.Pratap Reddy,
Professor,
Ganapathy College of Engineering

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



ONE DAY WORKSHOP

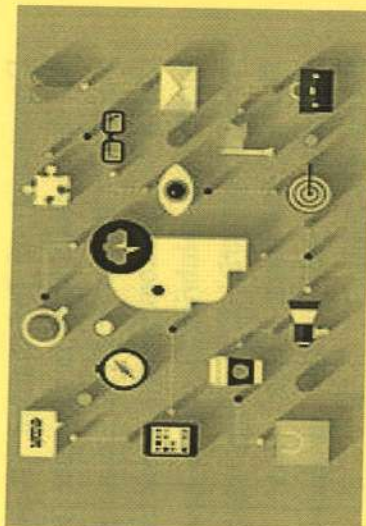
ON
ADVANCED DATA
PROCESSING

USING

MACHINE LEARNING

16th MARCH 2021

9:30 AM-1:00 PM & 2:00 PM -4:30 PM



Organized by
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Medbowli, Meerpet(Vill.), Balapur(Mandal),
RR(Dist).

Telangana -500097



TKR COLLEGE OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097

Department of Information Technology



CERTIFICATE

This is to certify that Mr/Ms A SAI KRISHNA TKR College of Engineering and Technology, Hyderabad has participated in workshop on “Advanced Data Processing using Machine Learning” on 16th March 2021 during the academic year 2020-21

C Jaya Lakshmi
COORDINATOR

Dr N Satyanarayana
HOD

Dr D V Ravi Shankar
PRINCIPAL



TKR COLLEGE OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097

Department of Information Technology



CERTIFICATE

This is to certify that Mr/Ms **K SIRI** from TKR College of Engineering and Technology, Hyderabad has participated in workshop on “**Advanced Data Processing using Machine Learning**” on **16th March 2021** during the academic year **2020-21**

C Jaya Lakshmi
COORDINATOR

Dr N Satyanarayana
HOD

Dr D V Ravi Shankar
PRINCIPAL

TKR COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
SEMINAR ON 16.03.21

ADVANCED DATA PROCESSING USING MACHINE LEARNING

SNO	ROLL NO.	NAME	SIGNATURE
01	19K91A1201	A. Manesha	<i>Manesha</i>
02	19K91A1202	A. Uma Maheshwari	<i>A. Uma</i>
03	18K91A1202	A. Sai Krishna	<i>Sai</i>
04	18K91A1204	A. Sai Rubhik	<i>Rubhik</i>
05	18K91A1206	A. Manisha	<i>Manisha</i>
06	18K91A1208	B. Rohith Goud	<i>Rohith</i>
07	18K91A1213	CH. Akshay Kumar	<i>Akshay</i>
08	19K91A1203	A. Varalakshmi	<i>A. Var</i>
09	19K91A1205	A. Sneha Reddy	<i>Sneha Reddy</i>
10	18K91A1212	B. Srilakshya	<i>Srilakshya</i>
11	18K91A1217	E. Nagaraja	<i>Nagaraja</i>
12	18K91A1214	CH. BALA SHIVA SAI	<i>SHIVA SAI</i>
13	19K91A1209	B. Nishitha	<i>B. Nishitha</i>
14	18K91A1219	G. Akhil Sai	<i>Akhil</i>
15	18K91A1220	G. Sai Sumith	<i>Sai Sumith</i>
16	19K91A1210	CH. Geeta Shekhar Reddy	<i>Geeta</i>
17	18K91A1223	J. Anandh Vadana Cige	<i>Anandh</i>
18	18K91A1224	J. Arjuman	<i>Arjuman</i>
19	18K91A1221	G. Bharani Bharan	<i>Bharani</i>
20	19K91A1214	E. Mahesh Sai	<i>Mahesh</i>
21	19K91A1217	G. Sindhu	<i>Sindhu</i>
22	18K91A1225	J. Sunil	<i>Sunil</i>
23	18K91A1227	K. Soumya Rani	<i>Soumya</i>
24	18K91A1226	K. Sujatha	<i>Sujatha</i>

Principal

TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097-TS.

SNO	ROLL NO.	NAME	SIGNATURE
53	19K91A1241	S. Saikrupa	[Signature]
54	17K91A1215	G. Triveni	[Signature]
55	17K91A1218	G. Mookhe chowdary	[Signature]
56	19K91A1242	Sreenath. F	[Signature]
57	17K91A1219	A. Neela	[Signature]
58	17K91A1220	Husna noof	[Signature]
59	17K91A1221	K. Romya	[Signature]
60	19K91A1246	T. Kempa	[Signature]
61	17K91A1225	K. Naya	[Signature]
62	17K91A1227	M. Venkata Gishma	[Signature]
63	17K91A1229	K. Ananth	[Signature]
64	17K91A1232	N. Nachikoth	[Signature]
65	19K91A1247	T. Teja Sai	[Signature]
66	17K91A1241	P. Swetha	[Signature]
67	17K91A1243	P. Naladhe	[Signature]
68	17K91A1244	P. Sathya Lakshmi	[Signature]
69	17K91A1245	P. Bhanu madhavi	[Signature]
70	17K91A1246	Lakshmi	[Signature]
71	19K91A1257	Venkata Tejowar Reddy	[Signature]
72	19K91A1258	M. Ajay	[Signature]
73	18K91A1258	Y. Srujan	[Signature]
74	17K91A1254	A. PRATHYSH REDDY	[Signature]
75	18K91A1229	KAZA SRISAI CHARAN	[Signature]
76	19K91A1256	VENKAT ANURAG	[Signature]
77	18K91A1255	V. Ruchitra	[Signature]
78	17K91A1208	Srihar	[Signature]
79	17K91A1248	Rajini	[Signature]
80	18K91A1256	Nirish Reddy	[Signature]

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500057-TS.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

A Report on
“ADVANCED DATA PROCESSING USING MACHINE
LEARNING”

Date: 18-03-2021

A one day workshop on “ADVANCED DATA PROCESSING USING MACHINE LEARNING” was organized for student of Information Technology on 16th March 2021.

Resource Person


Dr.Pratap Reddy, Professor,GCE


The following topics and modules are covered by the Resource Person

S.No	Date	Resource Person	Topic
1	16-03-21 FN	Dr.Pratap Reddy Professor Ganapathy College of Engineering	Introduction to Machine Learning Preprocessing Data Feature Engineering Supervised Learning Algorithms
2	16-03-21 AN	pratapreddy@gce.com	Unsupervised Learning Algorithms Evaluation Metrics Model Selection and Tuning Deployment and Integration

The one-day workshop on Advanced Data Processing using Machine Learning was successfully conducted on 16-03-2021 at IT Seminar hall. The workshop was attended by 80 participants. The participants were able to understand the basics of machine learning; preprocessing data, feature engineering, popular supervised and unsupervised learning algorithms, evaluation metrics, model selection and tuning, deployment and integration. The workshop provided them with a valuable learning experience and equipped them with the necessary skills to apply machine learning to real-world problems.

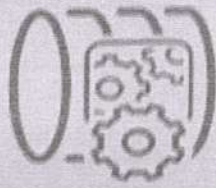

Coordinator
Mrs.C.Jayalakshmi


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.


HOD-IT
Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097-TS.

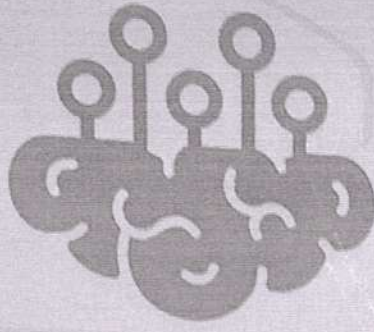


TKRCEET



AUTONOMOUS

APPROVED BY AICTE, AFFILIATED TO JNTUH,
ACCREDITED BY NAAC WITH 'A' GRADE



ADVANCED DATA PROCESSING USING MACHINE LEARNING


Head Dept. of Information Technology
TKR College of Engineering & Technology
Medtown, Meerpet, Hyderabad - 500097-TS.

PRINCIPAL
TKR College of Engineering & Technology
Autonomous
Medtown, Meerpet, Hyderabad - 500097-TS.
Resource Person

Dr. Pratap Reddy
(Ganapathy College of Engineering)

BUSINESS ANALYTICS USING PYTHON

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
Meerpet, Medbowli, saroomagar-500097

DEPARTMENT OF INFORMATION TECHNOLOGY

Dt.18.12.2020
Hyderabad

To
The Principal,
TKRCET, Meerpet.

Through Proper channel

Sub: Request to permit us to conduct Workshop

Respected Sir,

We are glad to inform you that Department of Information Technology took the initiative to conduct a one day workshop on "Business Analytics using Python"

The speaker of the session is

1. N.SrinivasRao, SwarnaBharathi Institute of Technology & Sciences.


The tentative schedule of organizing workshop is on 05/01/2021.

In this regard, we request the high office, to permit Department of Information Technology to conduct the Workshop.

Thanking you Sir,


Dr. N. Satyanarayana
HOD-IT

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated by JNTU)

Accredited by NBA

Medbowli, Meerpet, Saroornagar, Hyderabad - 500 097

Phone: 040-65587536, 65347536 Fax: +91-040-24094567 IVR : 24097333

e-mail: info@tkrcet.ac.in website: www.tkrct.ac.in

College Code : K9

DEPARTMENT OF INFORMATION TECHNOLOGY

Circular No.: TKRCET/IT/Workshop 02/2020-21


Dt.28.12.2020

Hyderabad


CIRCULAR

This is to inform to all the staff and students that Department of Information Technology, TKRCET is conducting a Workshop on "**Business Analytics using Python**" on 05.01.2021. The interested candidates can register their names. The brochure and the schedule will be shared.


Co-Ordinator


Dr. N. Satyanarayana
HOD-IT

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

CHIEF PATRON

Shri. Teegala Krishna Reddy,
Chairman

CO-PATRONS

- 1) Dr. T. Harinath Reddy, Secretary
- 2) Shri. T. Amarnath Reddy, Treasurer

PATRONS

- 1) Dr. D. V. Ravi Shankar, Principal
- 2) Dr. A. Suresh Rao, HOD of CSE,
Vice Principal & Dean

CONVENOR

Dr N.Satyanarayana, Professor,HOD-IT

CO-ORDINATOR

Mrs. C.Jaya Lakshmi
Associate Professor

PROGRAM CO-ORDINATOR

Mrs. D. Kavitha, Assistant Professor

ORGANIZING COMMITTEE

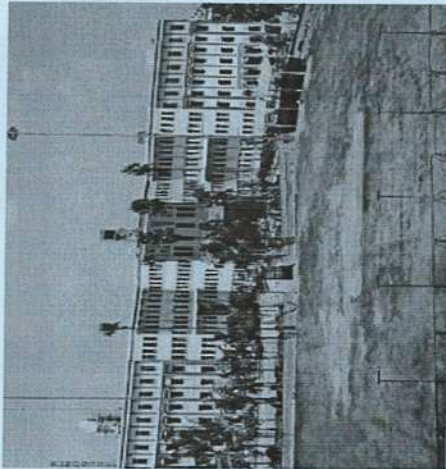
- 1) Mr V. Ravi Kumar, Associate Professor
- 2) Mrs. B.SHIVANI, Assistant Professor

VENUE

Seminar Hall
Department of Information Technology
TKRCET

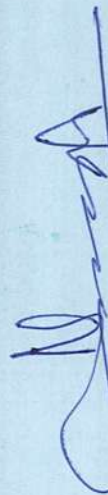
CONTACT


Mrs. D. Kavitha, Assistant Professor
9949509397



RESOURCE PERSON

N.Srinivas Rao,
Associate Professor,
Swarna Bharathi Institute of
Technology & Sciences


Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad- 500097-TS.

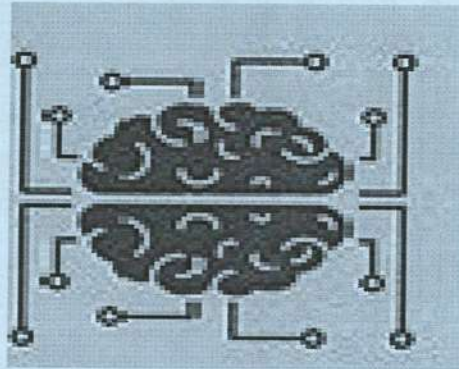

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.



**ONE DAY WORKSHOP
ON
BUSINESS ANALYTICS
USING PYTHON**

5th JANUARY 2021

9:30 AM-1:00 PM & 2:00 PM -4:30 PM



Organized by
**DEPARTMENT OF
INFORMATION TECHNOLOGY**
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS) – K9
(Approved by AICTE Affiliated to JNTUH Accrediated)
Medbowli, Meerpet(Vill.), Balapur(Mandal),
RR(Dist).

Telangana -500097



TKR COLLEGE OF ENGINEERING & TECHNOLOGY

AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097

Department of Information Technology

CERTIFICATE OF PARTICIPATION



This is to certify that Mr/Ms D SRAVYA from TKR College of Engineering and Technology, Hyderabad has participated in workshop on “Business Analytics using Python” on 5th January 2021 during the academic year 2020-21

C Jaya Lakshmi
COORDINATOR

Dr N Satyanarayana
HOD

Dr D V Ravi Shankar
PRINCIPAL



TKR COLLEGE OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

Survey No -8/A, Raghava Nagar Colony, Medbowli, Meerpet, Hyderabad, Telangana 500097

Department of Information Technology

CERTIFICATE OF PARTICIPATION



*This is to certify that Mr/Ms **K SAI TEJA** from TKR College of Engineering and Technology, Hyderabad has participated in workshop on “**Business Analytics using Python**” on **5th January 2021** during the academic year **2020-21***

C Jaya Lakshmi

COORDINATOR

Dr N Satyanarayana

HOD

Dr D V Ravi Shankar

PRINCIPAL

SNO	ROLL NO.	NAME	SIGNATURE
25	18KQ1A1229	KARZA SEVATICHARAN	Sri Sathyan
26	17KQ1A1216	GUROLATH SURESH	Suresh
27	18KQ1A1230	KYATHAM SURESH REDDY	Suresh
28	17KQ1A1218	GONTOPELLI MOKSHA CHOWDARY	Moksha
29	18KQ1A1236	MADHARAJEN MURUGAN	MURUGAN
30	17KQ1A1219	HIMAZA NEHA	Himaza
31	18KQ1A1240	NAVYA NANDANA	Navya
32	17KQ1A1220	HUSNA NAZ	Husna
33	18KQ1A1250	S NANDINI	Nandini
34	17KQ1A1221	K RAVYA	Ravya
35	18KQ1A1215	VANANA RUCHITHA	Ruchitha
36	17KQ1A1222	KALAPATI PUPESH	Pupesh
37	18KQ1A1250	SRANANAPATI SWAS	Swas
38	17KQ1A1201	EDGE RISHI KIRAN	Rishi Kiran
39	17KQ1A1225	KETHEPALLI NAVYA	Navya
40	17KQ1A1205	NARESHARI VENNA PRASAD	Prasad
41	17KQ1A1226	KCHUKULA VINOD KUMAR REDDY	Vinod Kumar
42	19KQ1A1219	HARSHITHA	Harshitha
43	18KQ1A1208	B. RDHITH GOUR	Rdhit
44	17KQ1A1233	KARHIK REDDY	Karthik
45	19KQ1A1249	CHANDRIKA	Chandrika
46	18KQ1A1250	NANDINI	Nandini
47	17KQ1A1235	SATHIHI	Sathihi
48	18KQ1A1246	SHREYA	Shreya
49	19KQ1A1250	PRAN KUMAR	Pran
50	17KQ1A1248	LOKAVI	Lokavi
51	18KQ1A1242	NARASIMHA	Narasimha
52	19KQ1A1231	ADITYA	Aditya

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097-TS.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet Hyderabad 500097

SNO	ROLL NO.	NAME	SIGNATURE
53	19K91A1222	K. Sini	[Signature]
54	18K91A1226	K. Sai Teja	[Signature]
55	19K91A1220	Tagan Nayak	[Signature]
56	18K91A1251	Sai Saurabh	[Signature]
57	17K91A1247	Jathin	[Signature]
58	19K91A1231	Abdul Ahad Siddiqi	[Signature]
59	18K91A1256	Nithesh Reddy	[Signature]
60	17K91A1254	Prathish Reddy	[Signature]
61	17K91A1209	Nithila	[Signature]
62	19K91A1210	CHALLAGUNA SREKHAR REDDY	[Signature]
63	18K91A1229	KAZA SRISAI CHASAN	[Signature]
64	17K91A1224	Maddula Venkata Prishma	[Signature]
65	17K91A1229	MANTHINI VENKATI	[Signature]
66	18K91A1222	Kandibanda Slisam	[Signature]
67	17K91A1226	Kethapalli Khuya	[Signature]
68	19K91A1228	Sai Kumar	[Signature]
69	18K91A1226	K. Sai Teja	[Signature]
70	17K91A1224	KARNATI Sai Kiran	[Signature]
71	19K91A1226	M. ABHIRAM	[Signature]
72	18K91A1223	INDU VADANA CIGA	[Signature]
73	17K91A1221	K. Ramya	[Signature]
74	19K91A1223	KONDUTI RAHINI	[Signature]
75	18K91A1222	KORRU SIRI	[Signature]
76	17K91A1225	Tanagan Sunit	[Signature]
77	19K91A1223	Sai Prathap	[Signature]
78	18K91A1220	Sai Sunitha	[Signature]
79	17K91A1213	GIDIGE VIKAS	[Signature]
80	19K91A1217	GOLI SINDHU	[Signature]

Head Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097-TS.

Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

A Report on “BUSINESS ANALYTICS USING PYTHON”

Date: 07-01-2021

A one day workshop on “BUSINESS ANALYTICS USING PYTHON” was organized for student of Information Technology on 5th January 2021.

Resource Person

Dr.N.Srinivas Rao, Associate professor,SBITS


The following topics and modules are covered by the Resource Person

S.No	Date	Resource Person	Topic
1	05-01-21 FN	Dr.N.Srinivas Rao, Associate professor, Swarna Bharathi Institute of Technology & Sciences srinivasrao@sbits.com	Introduction to Python Data Wrangling Data Exploration
2	05-01-21 AN		Descriptive Statistics Hypothesis Testing Regression Analysis

The one-day workshop on Business Analytics using Python was successfully conducted on 05-01-21 at IT Seminar hall. The workshop was attended by 90 participants. The workshop covered popular Python libraries, such as Pandas, Matplotlib, statsmodels and scikit-learn. The participants also learned how to read and import data from various sources, such as CSV files. Overall, the workshop was well-received by the participants, who provided positive feedback on the content, organization, and delivery of the workshop. The workshop provided them with a valuable learning experience and equipped them with the necessary skills to apply business analytics techniques to real-world problems.


Coordinator
Mrs.C.Jayalakshmi


Principal
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97.

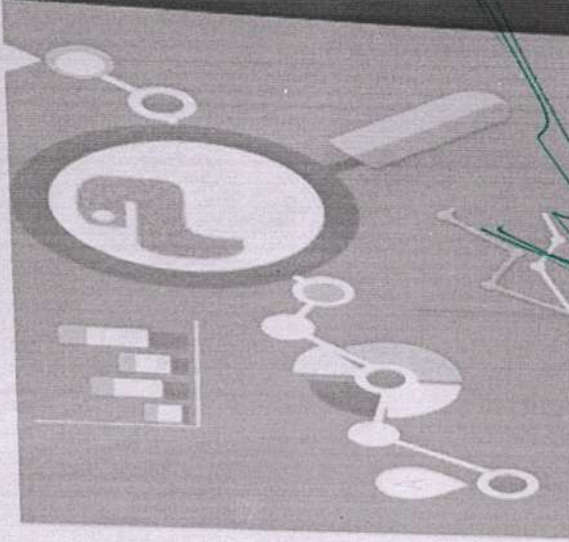

HOD IT
Head Dept. of Information Technology
TKR College of Engineering & Technology
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BUSINESS ANALYTICS USING PYTHON




Head, Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad - 500097-TS.

Resource
PRINCIPAL
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad- 500097.

(Department of CSE/SPIT)