



TKR COLLEGE OF ENGINEERING & TECHNOLOGY

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTUH)

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

Date:02-08-2022

To,
The Principal,
TKRCET (K9),
Meerpet.

SUB: Permission to organize FDP for ECE Faculty.

Respected sir,

The Department of ECE is planning to organize a Three-Day FDP for ECE Faculty from 4th to 6th August 2022 on Challenges and Opportunities in VLSI for IoT applications in collaboration with MATCHWELL TECHNOLOGIES, Hyderabad. In this regard we are requesting you to provide Rs. 25,000 /- for smooth conduction of FDP.

Thanking you sir,

Coordinators

1) Dr.P.GAYATHRI

Assoc.Prof,ECE

2) Dr.K.SUKANYA

Assoc.Prof,ECE

Dr.D.NAGESHWAR RAO

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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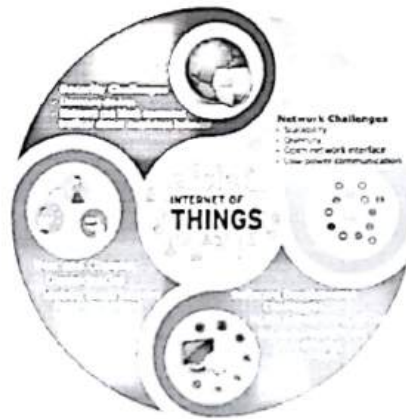
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ORGANIZES

THREE-DAY FDP

ON



Challenges and Opportunities in VLSI for IoT Applications

(4th – 6th Aug, 2022)

Convenor: Dr.D.NAGESHWAR RAO, HoD ECE

Coordinators: Dr.P.Gayathri, ASSOC.PROF.ECE

Dr. K. Sukanya, ASSOC.PROF.ECE

MATCHWELL TECHNOLOGIES PVT.LTD.

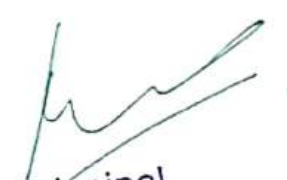
VENUE: TKR COLLEGE OF ENGINEERING & TECHNOLOGY

AUTONOMOUS

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www.tkracet.ac.in


Head of The Department
Electronics & Communication Engineering
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Principal
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Introduction

The integration of Very Large Scale Integration (VLSI) technology with the Internet of Things (IoT) has paved the way for a new era of innovation and connectivity. IoT, with its vast network of interconnected devices, sensors, and systems, has revolutionized various sectors including healthcare, agriculture, transportation, and smart cities. At the heart of this revolution lies VLSI technology, which enables the development of compact, low-power, and high-performance integrated circuits crucial for IoT applications.

However, the marriage of VLSI and IoT presents both challenges and opportunities that must be addressed to fully harness the potential of this technology. In this introduction, we will explore some of these challenges and opportunities, shedding light on the evolving landscape of VLSI for IoT applications.

The intersection of VLSI and IoT presents a myriad of challenges and opportunities that are shaping the future of connected devices and systems. By addressing the challenges and capitalizing on the opportunities, VLSI designers can drive innovation and unlock the full potential of IoT applications in diverse fields.

Objectives:

- ❖ Understanding VLSI Fundamentals
- ❖ Exploring IoT Landscape
- ❖ Identifying Challenges
- ❖ Learning Low-Power Design Techniques
- ❖ Addressing Security Concerns
- ❖ Optimizing Design for IoT
- ❖ Hands-on Sessions

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

CHIEF PATRONS

Sri T. Krishna Reddy
Chairman, TKR group of institutions

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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

Dr. P.GAYATHRI
Assoc. Prof., Dept. ECE, TKRCET.

CO-COORDINATOR

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

Principal
TKR College of Engineering & Technology
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TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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A 3-Day FDP on



Challenges and opportunities in VLSI for IOT Applications

in association with

Matchwell Technologies PVT.LTD.

Date: 04-08-2022 to 06-08-2022



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:

- ❖ Introduction to VLSI Technology
- ❖ Introduction to IoT and its Applications
- ❖ Convergence of VLSI and IoT
- ❖ Power Management Techniques
- ❖ Area Optimization Strategies
- ❖ Security and Reliability Considerations
- ❖ Hands-on Workshop on VLSI Design Tool

Course Outcome:

FDP aims to empower participants to become proficient educators, researchers, and practitioners in VLSI for IoT applications, driving innovation, collaboration, and positive societal impact in this dynamic field.

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
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MATCHWELL TECHNOLOGIES PVT.LTD.

Faculty Development Program On

Challenges and Opportunities in VLSI for IoT Applications

This is to certify that

~~Dr./Mr./Ms.~~ P. Mangya Rao of ECE DEPT., Asst. Prof. has

completed the Faculty Development Program on "Challenges and Opportunities in VLSI for IoT Applications" conducted by ECE,TKRCET,HYDERABAD, from 4th to 6th Aug 2022.

Gayathri
Co-ordinator

Srinivas Reddy
Resource person

[Signature]
Head of The Department
Electronics & Communication Engineering
TKR College of Engineering & Technology
(AUTONOMOUS)
Medbowli, Meerpet, Hyderabad-97,

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

TKR COLLEGE OF ENGINEERING & TECHNOLOGY
FDP ON CHALLENGES AND OPPORTUNITIES IN VLSI FOR IOT APPLICATIONS
DEPARTMENT OF ECE

S.NO	NAME OF THE FACULTY	04-08-2022	05-08-2022	06-08-2022
1	Dr.D NAGESHWAR RAO			
2	Dr.J.SUNITHA KUMARI			
3	Dr.P.GAYATHRI			
4	Dr.K.PADMAJA DEVI			
5	Dr.B.SWAPNA RANI			
6	Dr.MAHESH			
7	Dr.F.VENKATA LAVANYA			
8	Dr.K.SUKANYA			
9	K.SUDHA RANI			
10	G.ANITHA CHOWDARY			
11	A.VIKAS			
12	A.THEJA			
13	B.SWAPNA			
14	G.VENKATA SUBBA RAO			
15	S.SAI SREE ANDAL			
16	M.INDIRA			
17	M.SATYANARAYANA			
18	M.VIJAY BABU			
19	M.CHAITANYA			
20	M.GNANESH GOUD			
21	J.SRAVANTHI			
22	A.HARITHA			
23	CH.DIVYA			
24	E.PRABHAKAR			
25	P.MANGA RAO			
26	G.MAHESH			
27	A.LAVANYA			
28	M.JAGRUTHI			
29	V.JHANSI REDDY			
30	KALPANA R.N.S			
31	K.SHALINI			
32	A.SNEHA			
33	S.SWATHI			
34	K.SANTHOSHI			
35	K.SUSHMA			

Head of The Department
 Electronics & Communication Engineering
 TKR College of Engineering & Technology
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DEPARTMENT OF INFORMATION TECHNOLOGY

The following numbers of professional development / administrative training program organized by the institute for teaching and non-teaching during Academic year: 2022-23.


1. Non-Teaching

S. No	Dates	Title of the professional development / administrative training program organized by the institute for non-teaching. (professional development / administrative training program)	Number of Participants
1	26/08/2022 to 27/08/2022	AWARENESS TRAINING PROGRAMME ON MS-EXCEL	14

2. Teaching

S. No	Dates	Title of the professional development / administrative training program organized by the institute for teaching (professional development / administrative training program)	Number of Participants
1	15/11/2022	Deep Learning using PyTorch	21


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


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Circular No: TKRCET/CSE/Seminar/Workshop/FDP/2022-23

Dt. 08.08.2022

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

This is to be inform to all the Non-Teaching staff members department of Electrical & Electronics Engineering, Humanities & Science, Mechanical Engineering, Civil Engineering, Information Technology & Computer science Engineering of TKR College of Engineering and Technology is conducting "AWARENESS TRAINING PROGRAMME ON MS-EXCEL" from 26-08-2022 to 27-08-2022. The interested candidate can register their names. The brochure and the schedule will be shared.

Co-Ordinator:
D. Kavitha
Assistant Professor

Head of the Department
Dr. N. Satyanarayana
Professor

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

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

Dr.R.Muruganantham
Professor

PROGRAM CO-ORDINATOR

Smt D. Kavitha, Assistant Professor

ORGANIZING COMMITTEE

- Mr. V. Ravi Kumar Associate Professor
Mrs. T.Madhumathi, Assistant Professor
Mrs. Y. N. Lavanya, Assistant Professor
Mrs. B. Shivani, Assistant Professor
Mr. J.Ramesh, Assistant Professor

VENUE

Seminar Hall
Department of Information Technology
TKRCET

CONTACT

D. Kavitha, Assistant Professor
9949509397



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AWARNES TRAINNING PROGRAM ON MS-EXCEL



26TH – 27TH AUGUST 2022
2:00 PM - 4:30 PM

RESOURCE PERSON
NAVEEN KUMAR
PANTECHE LEARNING

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

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TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
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TKR College of Engineering & Technology
(AUTONOMOUS) RR(Dist).
Medbowli, Meerpet(Vill.), Balapur(Manda),
Telangana -500097

ABOUT THE COLLEGE:

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VISION:

Department of Information Technology strives to mould professionals so as to meet the global needs of Industry as well as Research.

MISSION:

Ensuring a quality teaching learning process in which theoretical knowledge is practically implemented to solve the global issues.

Preparing the students for their career development to reach high peaks in multiple areas.

SCOPE

- **Easy To Store Data:** Since there is no limit to the amount of information that can be saved in a spreadsheet, MS Excel is widely used to save data or to analyse data. Filtering information in Excel is easy and convenient.
- **Easy To Recover Data:** If the information is written on a piece of paper, finding it may take longer, however, this is not the case with excel spreadsheets. Finding and recovering data is easy.
- **Application of Mathematical Formulas:** Doing calculations has become easier and less time-taking with the formulas option in MS excel
- **More Secure:** These spreadsheets can be password secured in a laptop or personal computer and the probability of losing them is way lesser in comparison to data written in registers or piece of paper.

CONTENT

1. Basics of MS Excel
2. Features of MS Excel
3. Benefits of Using MS Excel
4. MS Excel – Points To Remember

EXPECTED OUTCOME:

- An MS Excel file is saved with an extension of .xls
- Companies with large staff and workers use MS Excel as saving employee information becomes easier.
- Excel spreadsheets are also used in hospitals where the information of patients can be saved more easily and can be removed conveniently once their medical history is cleared.
- The sheet on which you work is called a Worksheet.
- Multiple worksheets can be added in a single Excel file
- This is a data processing application.



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Awareness Training Program on MS-EXCEL

Participate List

S.No	Name of Person	Designation	Branch	26-08-2022	27-08-2022
1	Ganta Srinivas Roa	Office Asst.	Exam Branch		
2	Sree Laxmi	Asst. Branch	Exam Branch		
3	Laxmi Rekha	Office Asst.	CSM		
4	CS.Shilpa	Office Asst.	CSE		
5	M.Geetha	Office Asst.	CIVIL		
6	P.Mamatha	Programmer	IT		
7	B.Reka	Office Asst.	ECE		
8	C Swathi	Office Asst.	Exam Branch		
9	B.Sandhya	Office Asst.	Academics		
10	P.Kumar Swamy	Office Asst.	Principal Office		
11	AS Lakshmi	Office Asst.	Exam Branch		
12	J Sunitha	Office Asst.	Exam Branch		
13	D.Abitha	Office Asst.	MBA		
14	Y.Saritha Reddy	Office Asst.	CSD		

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

PRINCIPAL

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



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Awareness Training Program on MS-Excel Sheet


The Department of Information Technology of TKRCET (K9) conducting an Awareness training program on MS-EXCEL 26-08-2022 to 27-08-2022 as a part of professional development/administrative training program for Non-Teaching staff. The invited resource person is Mr. NAVEEN KUMAR (PANTECH E LEARNING). The Workshop was attended by 14 participants.

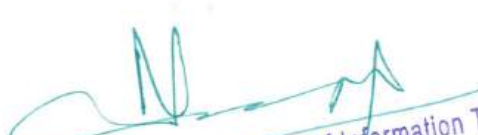
Inaugural session was started at 2.30 pm which was presided by Dr. D. V. Ravi Shankar, principal, TKR College of Engineering Technology. The coordinator D. Kavitha Asst. Prof, welcomed the participate on behalf of TKR college of Engineering & technology and appreciated the enthusiastic participation of participants in the awareness programme. Prof Dr. D. V. Ravi Shankar highlights the importance of MS-Excel Sheet and its need to educational institute. As a part of introduction in his words he quoted Microsoft Excel is a software which form the core of computer usage in today's world. He advised all the participate to make use of the workshop to share their views and to find better ways to present their institution.

Technical session began after the inaugural session. The session is focused on the

- **Easy To Store Data:** Since there is no limit to the amount of information that can be saved in a spreadsheet, MS Excel is widely used to save data or to analyze data. Filtering information in Excel is easy and convenient.
- **Easy To Recover Data:** If the information is written on a piece of paper, finding it may take longer, however, this is not the case with excel spreadsheets. Finding and recovering data is easy.
- **Application of Mathematical Formulas:** Doing calculations has become easier and less time-taking with the formulas option in MS excel
- **More Secure:** These spreadsheets can be password secured in a laptop or personal computer and the probability of losing them is way lesser in comparison to data written in registers or piece of paper.

The last session was Interaction session. The session was chaired by Dr. D. V. Ravi Shankar, principal, TKR College of Engineering & Technology and Dr. N. Satyanarayana (Professor & HOD of IT) and the dignitaries. Many participants shared their experiences and problems faced while working with MS-Excel. Some of the doubts expressed by the participants about the function of MS-Excel were clarified.


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


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



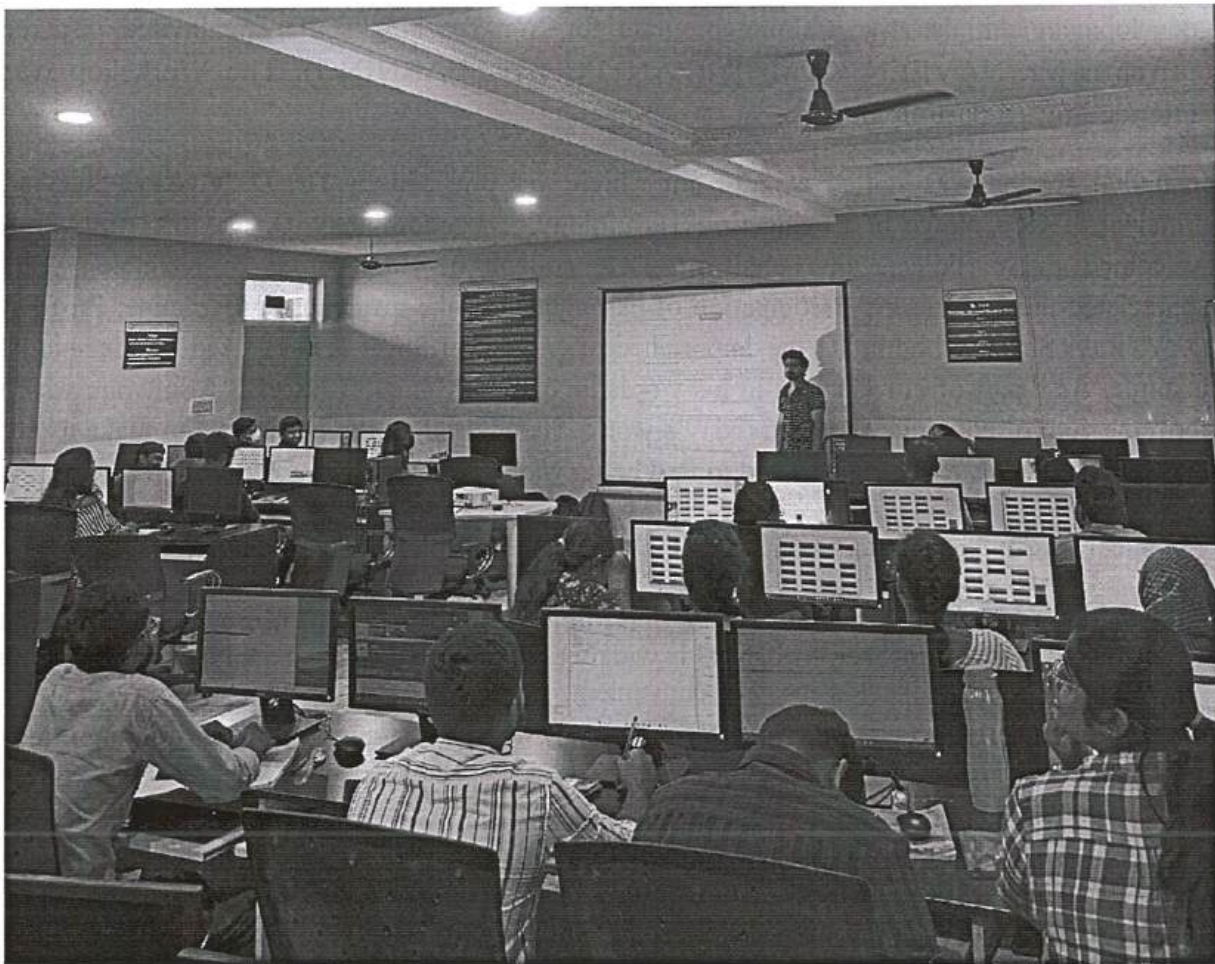
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Awareness Training Program on MS-Excel

Date on: 26-08-2022 to 27-08-2022



Resource Person:
Mr. Naveen Kumar
(PANTECHE LEARNING).

D. Kavitha
Conducted by:
D. Kavitha
(Ass. Prof, TKRCET)

Naveen Kumar
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097

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



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Circular No: TKRCET/CSE/Seminar/Workshop/FDP/2022-23

Dt. 10.11.2022

DEPARTMENT OF INFORMATION TECHNOLOGY

CIRCULAR

This is to be inform to all Teaching staff members department of Electronics Communication Engineering, Information Technology & Computer science Engineering of TKR College of Engineering and Technology is conducting “**Deep Learning using PyTorch**” on 15/11/2022. The interested candidate can register their names. The brochure and the schedule will be shared.

Co-Ordinator:

Y. Naga Lavanya
Assistant Professor

Head of the Department
Information Technology
Dr. N. Satyanarayana
Professor

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

CHIEF PATRON

Shri. Teegala Krishna Reddy, Chairman

CO-PATRONS

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- 2) Shri. T. Amarnath Reddy, Treasurer

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CONVENOR

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HOD-IT

CO-ORDINATOR

Dr.R.Muruganatham
Professor

PROGRAM CO-ORDINATOR

Smt Y. Naga Lavanya, Assistant
Professor

ORGANIZING COMMITTEE

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Mrs. T.Madhumathi, Assistant Professor
Mrs. D.Kavitha, Assistant Professor
Mrs. B. Shivani, Assistant Professor
Mr. N.Paparayudu, Assistant Professor
Principal

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

VENUE

Seminar Hall
Department of Information Technology
TKRCET

CONTACT

Y. Naga Lavanya, Assistant Professor
8008313523



Deep Learning using PyTorch

15TH November 2022
10:00 AM - 1:00 PM



Organized by
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TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS) – K9

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**Medbowli, Meerpet(Vill.), Balapur(Mandal),
RR(Dist).**

Telangana -500097



Head, Dept. of Information Technology
TKR College of Engineering & Technology
Medbowli, Meerpet, Hyderabad-500097-15.

RESOURCE PERSON
Divanjali R
PANTECHE LEARNING

ABOUT THE COLLEGE:

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MISSION:

Ensuring a quality teaching learning process in which theoretical knowledge is practically implemented to solve the global issues.

Preparing the students for their career development to reach high peaks in multiple areas.

SCOPE

The goal of the workshop Start solving Computer Vision problems using Deep Learning techniques and the PyTorch framework. Dive into the architecture of Neural Networks, and learn how to train and deploy them on the cloud.

Neural networks have been at the forefront of Artificial Intelligence research during the last few years and have provided solutions to many difficult problems like image classification, language translation or Alpha Go.

PyTorch is one of the leading deep learning frameworks, being both powerful and easy to use. In this course, you will use PyTorch to first learn about the basic concepts of neural networks before building your first neural network to predict digits from an MNIST dataset.

CONTENT

- **Introduction to PyTorch**
We introduce basic concepts of neural networks and deep learning using PyTorch library.
- **Artificial Neural Networks**
We delve deeper into Artificial Neural Networks, learning how to train them with real datasets.
- **Convolutional Neural Networks (CNNs)**
We introduce convolutional neural networks, learning how to train them and how to use them to make predictions.
- **Using Convolutional Neural Networks**
We learn how to make neural networks work well in practice, using concepts like regularization, batch-normalization and transfer learning.

EXPECTED OUTCOME:

Progress through the course, you'll learn about how to use convolutional neural networks to build much more powerful models which give more accurate results. You will evaluate the results and use different techniques to improve them. You'll also cover concepts including regularization and transfer learning.

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Deep Learning using PyTorch

Participate List

Date: 15/11/2022

S.No	Name of Person	Designation	Branch	Signature
1	B. Swapna	Assistant Professor.	ECE	
2	S. Sai Sree Andal	Assistant Professor.	ECE	
3	M. Satyanarayana	Assistant Professor.	ECE	
4	M. Vijay Babu	Assistant Professor.	ECE	
5	M. Gnanesh Goud	Assistant Professor.	ECE	
6	M. Chaitnaya	Assistant Professor.	ECE	
7	K. Shirisha Reddy	Assistant Professor.	CSE	
8	P. Chandrashekar	Assistant Professor.	CSE	
9	M. Thanmayee	Assistant Professor.	CSE	
10	G. Arpitha	Assistant Professor.	CSE	
11	K. Anusha	Assistant Professor.	CSE	
12	G. Anantha Laxmi	Assistant Professor.	CSE	
13	Nakka Padmavathi	Assistant Professor.	CSE	
14	V. Pragathi	Assistant Professor.	CSE	
15	D Kavitha	Assistant Professor.	IT	
16	Bhutam Shivani	Assistant Professor.	IT	
17	Thakur Madhumathi	Assistant Professor.	IT	
18	Jarapala Ramesh	Assistant Professor.	IT	
19	N paparayudu	Assistant Professor.	IT	
20	Mandalreddy sushma	Assistant Professor.	IT	
21	V.Ravi Kumar	Associate Professor	IT	

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Deep Learning using PyTorch

The Department of Information Technology of TKRCET (K9) conducting an training program on **Deep Learning using PyTorch** 15/11/2022 as a part of professional development/administrative training program for Teaching staff. The invited resource person is Mrs. Divanjali R (PANTECH E LEARNING). The Workshop was attended by 21 participants.

Inaugural session was started at 10.00 am which was presided by Dr. D. V. Ravi Shankar, principal, TKR College of Engineering Technology. The coordinator Y. Naga Lavanya Asst. Prof, welcomed the participate on behalf of TKR college of Engineering & technology and appreciated the enthusiastic participation of participants in the awareness programme. Prof Dr. D. V. Ravi Shankar highlights the importance of **Deep Learning** using PyTorch and its need to educational institute. As a part of introduction in his words he quoted **Deep Learning** using PyTorch is a software which form the core of computer usage in today's world. He advised all the participate to make use of the workshop to share their views and to find better ways to present their institution.

Technical session began after the inaugural session. The session is focused on the..

The goal of the workshop Start solving Computer Vision problems using Deep Learning techniques and the PyTorch framework. Dive into the architecture of Neural Networks, and learn how to train and deploy them on the cloud.

Neural networks have been at the forefront of Artificial Intelligence research during the last few years and have provided solutions to many difficult problems like image classification, language translation or Alpha Go. PyTorch is one of the leading deep learning frameworks, being both powerful and easy to use. In this course, you will use PyTorch to first learn about the basic concepts of neural networks before building your first neural network to predict digits from an MNIST dataset.

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❖ **Introduction to PyTorch**

We introduce basic concepts of neural networks and deep learning using PyTorch library.

❖ **Artificial Neural Networks**

We delve deeper into Artificial Neural Networks, learning how to train them with real datasets.


❖ **Convolutional Neural Networks (CNNs)**

We introduce convolutional neural networks, learning how to train them and how to use them to make predictions.

❖ **Using Convolutional Neural Networks**

We learn how to make neural networks work well in practice, using concepts like regularization, batch-normalization and transfer learning.

The last session was Interaction session. The session was chaired by Dr. D. V. Ravi Shankar, principal, TKR College of Engineering & Technology and Dr. N. Satyanarayana (Professor & HOD of IT) and the dignitaries. Many participants shared their experiences and problems faced while working with Deep Learning using PyTorch. Some of the doubts expressed by the participants about the function of Deep Learning using PyTorch were clarified.


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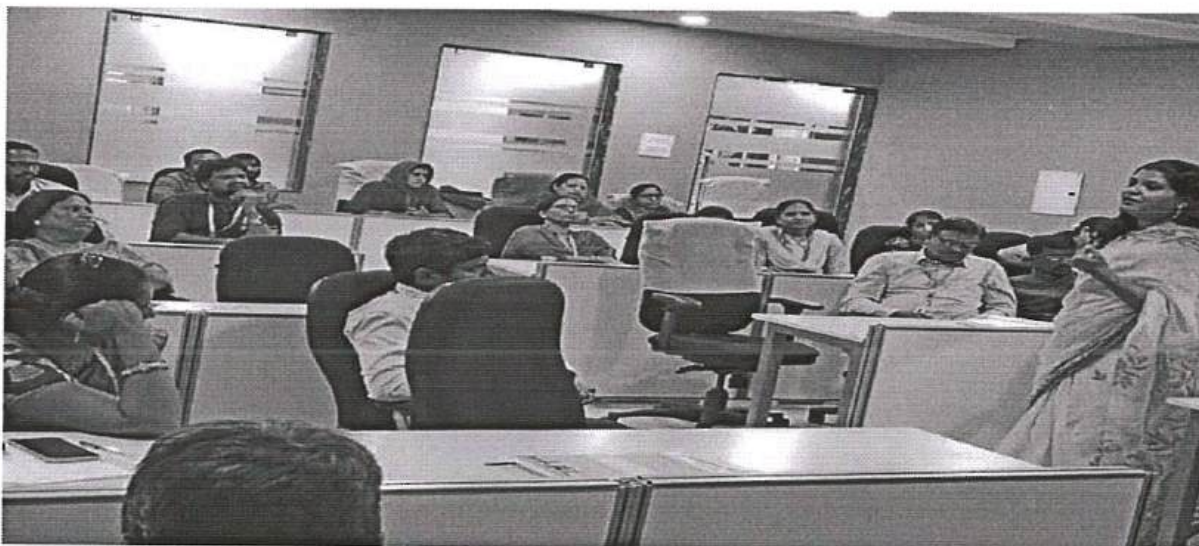


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Deep Learning using PyTorch Date on: 15/11/2022



Resource Person:
Divanjali R
(PANTECHE LEARNING)

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Conducted by:
Y. Naga Lavanya
(Ass. Prof, TKRCET)

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