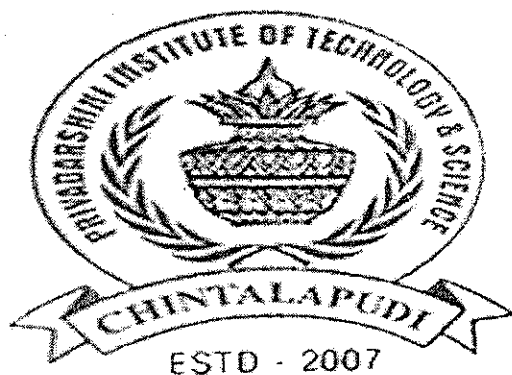


# Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali Guntur-522 306.  
Under Management of INDIRA EDUCATIONAL Society, Hyderabad.  
College Code: X2, Recognized by Govt of A.P.  
Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada

## NAAC SSR



## 6: Governance, Leadership and Management

6.3 Faculty Empowerment Strategies	6.3.3 Percentage of Teaching and Non-Teaching Staff participating in FDPs/Workshops during last 5 years
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6.3.3(1) Organized FDPs for Teachers & Workshops  
for Non-Teaching with E-copies of  
Participations A.Y 2022-23



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DATE: 05/09/2022

## CIRCULAR

This is to inform the entire faculty that the department of Electrical and Electronics Engineering is organizing the five days Faculty Development Program (FDP) on **“Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective”.** from 19<sup>th</sup> SEP to 23<sup>th</sup> SEP 2022. Various reputed institutions will have eminent speakers delivered the FDP.. It is mandatory for all faculty members to register and attend the program without fail.




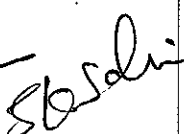

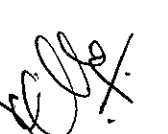

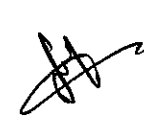
Venue: Room No.: Seminar Hall


Note: The program Schedule and Broacher are enclosed.

Co-Ordinator:

M.Sivanageswararao, Associate Professor

Copy To:

Signature of All HOD's							
							
CIVIL	EEE	MECH	ECE	CSE	AI&DS	S&H	MBA

  
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## List of Professional Development Programs Organized During-A.Y:2022-23

Sno	Name of the Program	Date	No of Participants
1	Industrial Integration of Renewable Energy Systems-Research Tools/Industrial Perspective	19/09/2022 to 23/09/2022	<u>22</u>
2	Recent Advantages in 5G	21/10/2022 to 25/10/2022	<u>27</u>
3	Hadoop and Hadoop Ecosystem	21/11/2022 to 25/11/2022	<u>46</u>
4	Quality and Productivity	27/03/2023 to 31/03/2023	<u>23</u>
5	Importance of MSOffice in Administration	28/11/2022	<u>22</u>

  
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**REGISTRATION FORM**

Name:.....  
Dept. :.....  
Institution:.....  
Address for Communication:  
.....  
.....  
Mobile:.....  
email: .....

last date of registration

18th Sept. 2022

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**GUNTUR-522 356, A.P.**



**PROGRAM COMMITTEE:**

**CHIEF PATRON**

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

**PATRON**

Dr Lakshmi Narayana

Principal,

**CONVENER**

Mr. M. Siva Nageswara Rao

HOD, EEE

**COORDINATOR**

Mrs. Mallaprolu Sravani

Asst. Professor, DEPT. of EEE

**Resource Person:**

**Dr. T Raghavendra Vishnu**

Associate Professor

Principal, PITW, Chintalapudi, Tenali,

Guntur

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**GUNTUR-522 356, A.P.**

tadivakavishnu2019@gmail.com,  
6302883006

**ADDRESS FOR COMMUNICATION:**

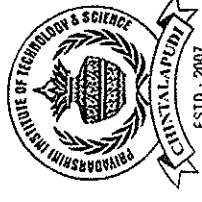
**Mrs. Mallaprolu Sravani**

Coordinator

E-mail-ID:

sravanimallaprolu32@gmail.com

8688342428



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**A One Week Certificate Program**

**OR**

**“INDUSTRIAL INTEGRATION OF  
RENEWABLE ENERGY SYSTEMS -  
RESEARCH TOOLS/INDUSTRIAL  
PERSPECTIVE”**

**Dates:**

**19thSEP to 23thSEP 2022**

**Organized by:**

**Priyadarshini institute of Technology  
& Science**

**Venue:**

Seminar Hall

**Priyadarshini Institute of Technology  
& Science**

**College Code:GK**

**Society: DONBOSCO EDUCATIONAL  
Tenali**

**Andhra Pradesh-533433, INDIA**

## About the Institute

Priyadarshini Institute of Technology and science, Tenali was established in the year 2007 with sole aim of providing quality higher technical education to rural sector through its dedicated and committed staff. This opportunity made the students to become technologically superior and to serve the nation.

Priyadarshini is to develop high quality technical education and personnel with a sound footing on basic engineering principles, technical and managerial skills, innovative research capabilities, and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values. As soon as a student will step in the Priyadarshini campus, he/she will be nurtured to excel in their capabilities to face the present challenges of the world. Priyadarshini College will serve as a launching pad in their career to boost them to achieve their goal of life.

- To incorporate benchmarked teaching and learning methodologies in curriculum.
- To ensure all round development of students through judicious blend of curricular, co-curricular and extra-curricular activities.
- To support exchange of knowledge between industry and academy.



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## About The Department

Electrical and Electronics Engineering deals with the innovation, design, development and industrial applications of electrical and electronics systems, components and devices. There is a wide variety of domains to which it applies. Among the most the well-known fields, just to name a few are, Electrical Power Generation, Transmission and Distribution, Control Systems, Power Systems, Communications, Robotics, Electronics and Nanotechnology.

The Department of Electrical And Electronics Engineering (EEE) Program was started in the year of 2007 with an intake of 60 affiliated to JNTUK and the department has one post graduation course (M. Tech) in Power Systems with an annual intake of 18 affiliated to JNTUK which was started in the year 2013. The department has well equipped laboratories with standard quality equipments. The department is catering to the needs of the industry by training students to make valuable contribution. The Department is endeavoring to produce highly trained and capable engineers, who can take up the challenges of the real world. The Department focuses on uncompromising academic standards in imparting both theoretical and practical instructions with a view to prepare professional engineers.

The Department is headed by Mr. M. Siva Nageswara Rao. All the faculty members are encouraged to participate in Faculty Development Programmes, Conferences, Workshops, Publication of Research Papers and active involvement in R & D activity.

## About The Programme:

With the consent and relentless support of Mr. K. Kiran Kumar, HOD, Department of CE, the six days Faculty Development Programme on "Industrial Integration of Renewable Energy Systems -Industrial Perspective Research Tools" was conducted for the Faculty Members of ours and other institutions across the state. The event began with the note of welcome followed by the presidential address by the Head of the Department, Mr. M. Siva Nageswara Rao. He welcomed and motivated all the participants to make use of this the 5 days session for their career growth. He welcomed the guest speaker to share his knowledge in "Industrial Integration of Renewable Energy Systems -Industrial Perspective Research Tools" of Electrical and Electronics Engineering.

## Objectives of the Programme

- Integrated renewable energy systems have numerous advantages and benefits compared to conventional energy systems, such as decentralized energy production, environmental impact reduction and better energy security.
- Renewable energy sources are typically available in most of the regions on Earth. Solar radiation is even more diversified compared to other types of renewable energy sources. Specific forms of renewable energy such as geothermal and ocean thermal energy have substantially higher capacity factors during the year.

## Topics to be covered

- Solar PV. Technology. • Wind. Technology.
- Smart Grids. Technology. • Demand Response. Technology. • Grid-scale Storage. Technology.



# Priyadarshini Institute of Technology & Science

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## ATTENDANCE SHEET

Department : Electrical and Electronics Engineering

Name of the FDP : Industrial Integration of Renewable Energy Systems –Industrial Perspective  
Research Tools

Dates : 19/09/22 to 23/09/22

S.No	Name of the Faculty	Dept.	College Name	Signature of the Faculty									
				19/09/22		20/09/22		21/09/22		22/09/22		23/09/22	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	M. Rakesh Reddy	Civil	Amrita	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
2	B. Gopi	EEE	Amrita	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi	B.Gopi
3	P. Venkateswara	EEE	Amrita	P.V.	P.V.	P.V.	P.V.	P.V.	P.V.	P.V.	P.V.	P.V.	P.V.
4	S. Gopalakrishna	Civil	Amrita	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.
5	P. Balasubramanyam	EEE	Amrita	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.	P.B.
6	B. Jagamani	EEG	Amrita	B.J.	B.J.	B.J.	B.J.	B.J.	B.J.	B.J.	B.J.	B.J.	B.J.
7	A. Kinneya	ECE	CRR	A.K.	A.K.	A.K.	A.K.	A.K.	A.K.	A.K.	A.K.	A.K.	A.K.
8	D. Prasanna	EEE	CRR	D.P.	D.P.	D.P.	D.P.	D.P.	D.P.	D.P.	D.P.	D.P.	D.P.
9	P. Pavani Kumari	S&H	PITS	P.P.	P.P.	P.P.	P.P.	P.P.	P.P.	P.P.	P.P.	P.P.	P.P.
10	V. Trivani	ECE	PITS	V.T.	V.T.	V.T.	V.T.	V.T.	V.T.	V.T.	V.T.	V.T.	V.T.
11	Rashmi Prasad	EEE	PITS	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.
12	R. Raju	mech	PITS	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.	R.R.
13	J. VANAJA	EEE	PITS	J.V.	J.V.	J.V.	J.V.	J.V.	J.V.	J.V.	J.V.	J.V.	J.V.
14	P. Sudheer	MECH	PITS	P.S.	P.S.	P.S.	P.S.	P.S.	P.S.	P.S.	P.S.	P.S.	P.S.
15	Ch. Jayaramanasa	CSE	CRR	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.	Ch.J.
16	M. Mohesh	mech	PITS	M.M.	M.M.	M.M.	M.M.	M.M.	M.M.	M.M.	M.M.	M.M.	M.M.
17	B. Swapnika	ECE	PITS	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.
18	N. Gopikrishna	CSE	PITS	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
19	Y. Gopirand	C.S.E	PITS	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.	Y.G.
20	K. Chandam	ECE	PITS	K.C.	K.C.	K.C.	K.C.	K.C.	K.C.	K.C.	K.C.	K.C.	K.C.
21	L. Bosu Baby	mech	PITS	L.B.	L.B.	L.B.	L.B.	L.B.	L.B.	L.B.	L.B.	L.B.	L.B.
22	G. Pavani	mech	CRR	G.P.	G.P.	G.P.	G.P.	G.P.	G.P.	G.P.	G.P.	G.P.	G.P.
23	V. Shariff	CSE	CRR	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.	V.S.
24	K. Sreenu	CSE	CRR	K.S.	K.S.	K.S.	K.S.	K.S.	K.S.	K.S.	K.S.	K.S.	K.S.
25	G. Ramodar	CSE	CRR	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.
26	Y. Anjali	CSE	CRR	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.	Y.A.
27	G. Ragadeep	ECE	PITS	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.	G.R.

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# Priyadarshini Institute of Technology & Science

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## SCHEDULE OF FDP

### Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective

DATE: 19/09/22 to 23/09/22

Day 1	Day 2	Day3	Day 4	Day 5
Monday(19/09/22)	Tuesday(20/09/22)	Wednesday(21/9/22)	Thursday(22/9/22)	Friday(23/9/22)
9:30 – 10:30 complete overview about power semiconductor devices	10:00 – 11:30 importance of Distributed Generation, islanding detection and issues  related to islanding	10:00 – 11:30 power generation and maintenance	10:00 – 11:30 Issues and Challenges in power electronics converters	10:00 – 11:30 overview  of various renewable energy sources.
11:30 – 12:00 Testing of power semiconductors	11:30 – 12:00 Problems and methods of mitigating issues between DG and utility Grid	11:30 – 12:00 state wide thermal, hydro and renewable power generation	11:30 – 12:00 Integration of renewable energy systems to grid	11:30 – 12:00 ongoing research problems to the participants in the area of integration of renewable energy systems.
12:00 – 1:15 Problems rectification of P.E	12:00 – 1:00 integration of renewable energy systems.	12:00 – 1:00 upcoming power plants and their availability of generation concept.	12:00 – 1:00 an interactive session with participants.	12:00 – 1:00 Discussing about testing problems
1:15 – 2:30 <b>Lunch Break</b>	1:00 – 2:00 <b>Lunch Break</b>	1:00 – 2:00 <b>Lunch Break</b>	1:00 – 2:00 <b>Lunch Break</b>	1:00 – 2:00 <b>Lunch Break</b>
2:30 – 4:30 P.E components reliability	2:00 – 4:30 real time converter model designs	2:00 – 4:30 coal dumping and functioning and maintenance of various parts of the power plant.	2:00 – 4:30 Recent trends in P.E	2:00 – 4:30 real time converter model designs.

  
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DATE: 28/09/2022

## FDP REPORT

**Name of the Program:** Five days Faculty Development Program (FDP) on “Industrial Integration of Renewable Energy Systems –Industrial Perspective Research Tools”

**Organized by:** Department of Electrical and Electronics Engineering

**Date:** 19/09/22 to 23/09/22

**Participants:** Faculty Members

**Resource Persons:** Dr. T Raghavendra Vishnu, Associate Professor  
Principal, PITW, Chintalapudi, Tenali, Guntur  
[tadivakavishnu2019@gmail.com](mailto:tadivakavishnu2019@gmail.com), 6302883006

### **Objective:**

Integrated renewable energy systems have numerous advantages and benefits compared to conventional energy systems, such as decentralized energy production, environmental impact reduction and better energy security. Renewable energy sources are typically available in most of the regions on Earth. Solar radiation is even more diversified compared to other types of renewable energy sources. Specific forms of renewable energy such as geothermal and ocean thermal energy have substantially higher capacity factors during the year.

### **About the FDP:**

The main objective of this five days online faculty development programme (FDP) is to discuss the Renewable Energy Technology, with Future Perspective of power electronics in Renewable Energy Systems (RES); Practical problems in the installation of RES, Battery Energy storage systems are discussed. This FDP will bring together faculty members from different engineering colleges and industrial fields to update their technical knowledge in the field of RES.

With the consent and relentless support of M.Sivanageswararao, HOD, Department of EEE, the five days Faculty Development Programme on “Industrial Integration of Renewable Energy Systems –Industrial Perspective Research Tools”, was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department M.Sivanageswararao. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support

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in sharing his knowledge to make use of it by the participants in the Research area of Industrial Integration of Renewable Energy Systems.

## Report for five days:

Day-1: Overview of power semiconductors

Topics Covered: The session started with the various Power converters for Renewable energy systems. Further topics covered as follows,

1. P.E components reliability
2. Testing of power semiconductors
3. Problems rectification of P.E

Day-2: Importance of Distributed Generation, islanding detection and issues related to islanding.

Topics Covered: The session started with the basic the importance of Distributed Generation, islanding detection and issues related to islanding. Problems and methods of mitigating issues between DG and utility Grid. Further topics covered are as follows,

1. Problems and methods of mitigating issues between DG and utility Grid
2. integration of renewable energy systems
3. real time converter model designs

Day-3: Power generation and maintenance


Topics Covered: The session started with the basic explanation of power generation and maintenance. Further topics covered are as follows,

1. State wide thermal hydro and renewable power generation
2. Upcoming power plants and their availability of generation concept
3. Coal dumping and functioning and maintenance of various parts of the power plant.

Day-4: Challenges in power electronics converters used in Integration renewable energy systems to grid

Topics Covered: The session started with the basics of Challenges in power electronics converters used in Integration renewable energy systems to grid. Further topics covered are as follows,

1. Issues and Challenges in power electronics converters
2. Integration of renewable energy systems to grid
3. Recent trends in P.E

  
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Day-5: ongoing research problems to the participants in the area of integration of renewable energy systems

Topics Covered: The ongoing research problems to the participants in the area of integration of renewable energy systems session started with the evolution of Industry versions. Further topics covered are as follows, real time

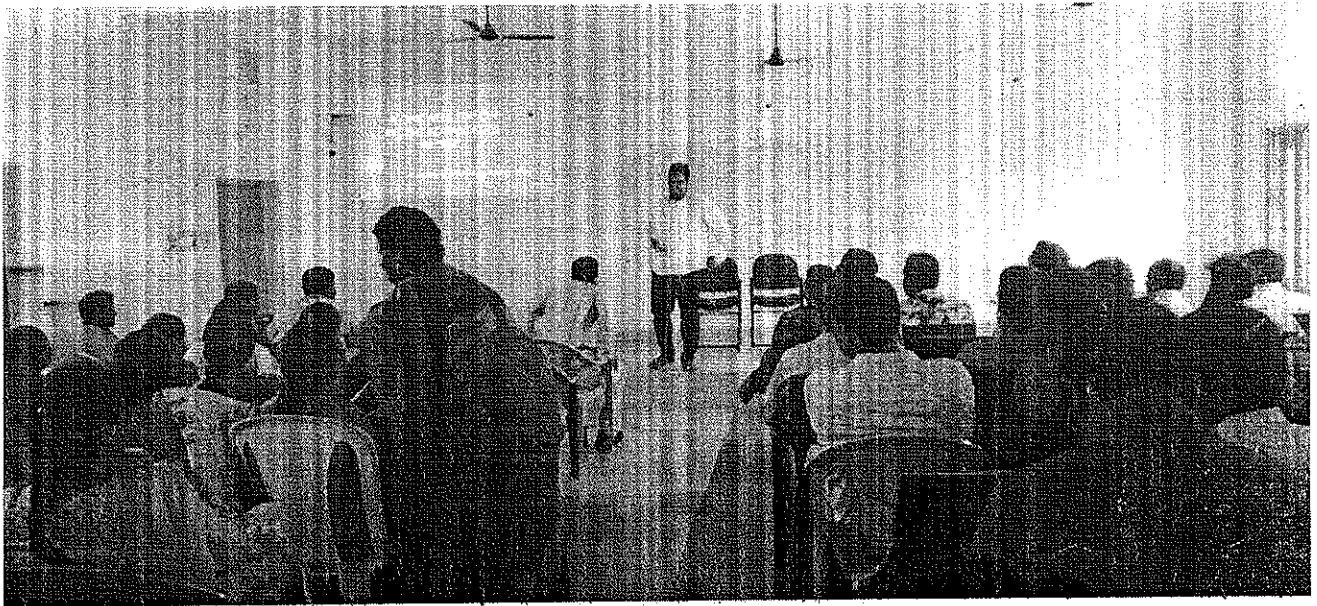
1. Converter model designs.
2. Testing's

The participants were happy and satisfied as their expectation on grasping the peculiar insights in **Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective**". The queries raised by the participants were clarified by the speaker. The participants gave commendable feedback about the event. Finally, the event was concluded by Mrs. B.Hemalatha and Mr. G .Ravi Kumar with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Director, Dean, HOD and participants.


Total no. of participants: 22

FDP Convener: M.Sivanageswararao, Associate Professor (HOD)

Faculty Coordinators: Mrs. B.Hemalatha, Mr. G. Ravi Kumar



  
EEE HoD

  
Principal  
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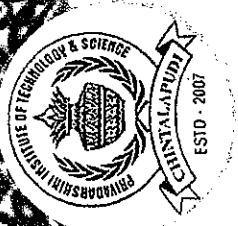
## CERTIFICATE OF PARTICIPATION

This is to certify that \_\_\_\_\_ has participated in A One Week  
Dr./Mr./Mrs./Ms. m. rakesh reddy - Research Tools/Industrial Perspective"  
FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective",  
organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
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Program Coordinator



# PRIYADARSHINI

## INSTITUTE OF TECHNOLOGY AND SCIENCE

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### CERTIFICATE OF PARTICIPATION

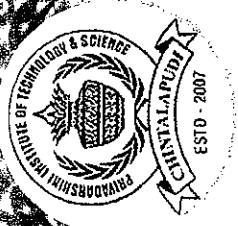
This is to certify that

Dr./Mr./Mrs./Ms. B: Gopi has participated in A One Week  
FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective"  
organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from ~~19<sup>th</sup>~~ to 23<sup>th</sup> SEP 2022

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TECHNOLOGY & SCIENCE

  
Program Coordinator



# PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE

Chintalapudi, Near Tenali, Guntur-522 306

Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

## CERTIFICATE OF PARTICIPATION

This is to certify that

Dr./Mr./Mrs./Ms. P. Venkateswara rao has participated in A One Week FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective" organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,

Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
Program Coordinator

~~PRINCIPAL  
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE  
CHINTALAPUDI  
NEAR TENALI, GUNTUR-522 306, A.P.~~

  
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Chintalapudi, Near Tenali, Guntur-522 306  
Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

## CERTIFICATE OF PARTICIPATION

This is to certify that

Dr./Mr./Mrs./Ms. S. Gopala Krishna has participated in A One Week  
FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective"  
organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,

Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
Program Coordinator

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INSTITUTE OF TECHNOLOGY & SCIENCE  
NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.

  
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# PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE


Chintalapudi, Near Tenali, Guntur-522 306  
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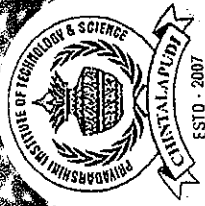
## CERTIFICATE OF PARTICIPATION

This is to certify that  
Dr./Mr./Mrs./Ms. P. bala subramanyam has participated in A One Week  
FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective"  
organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
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Chintalapudi, Near Tenali, Guntur-522 306

Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

## CERTIFICATE OF PARTICIPATION

This is to certify that

Dr./Mr./Mrs./Ms. B. Naga mani

has participated in A One Week  
FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective"  
organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi,

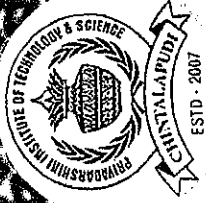
Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
Program Coordinator

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PRIYADARSHINI & SCIENCE  
INSTITUTE OF TECHNOLOGY & SCIENCE,  
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### CERTIFICATE OF PARTICIPATION

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\_\_\_\_\_ has participated in A One Week

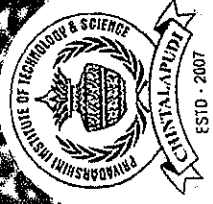
Dr./Mr./Mrs./Ms. Padma Priya K.

FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective" organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi, Near Tenali, Guntur-522 306, INDIA from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
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GUNTUR-522 306. A.P.

  
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CHINTALAPUDI



# **PRIYADARSHINI**

## **INSTITUTE OF TECHNOLOGY AND SCIENCE**

*Chintalapudi, Near Tenali, Guntur-522 306*  
*Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.*

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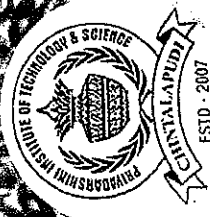
Dr./Mr./Mrs./Ms. R. Raju.

FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective" organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi, Near Tenali, Guntur-522 306, INDIA from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

**PRIYADARSHINI**  
**INSTITUTE OF TECHNOLOGY & SCIENCE**  
**NEAR TENALI, CHINTALAPUDI,**  
**GUNTUR-522 306, A.P.**

  
Program Coordinator

  
**PRIYADARSHINI**  
**INSTITUTE OF**  
**TECHNOLOGY & SCIENCE**



# **PRIYADARSHINI**

## **INSTITUTE OF TECHNOLOGY AND SCIENCE**

Chintalapudi, Near Tenali, Guntur-522 306  
Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.


### **CERTIFICATE OF PARTICIPATION**


This is to certify that

Dr./Mr./Mrs./Ms. B. Swapnika

has participated in A One Week

FDP on "Industrial Integration of Renewable Energy Systems - Research Tools/Industrial Perspective" organized by department of EEE, held at Priyadarshini Institute of Technology & Science, Chintalapudi, Near Tenali, Guntur-522 306, INDIA, from 19<sup>th</sup> to 23<sup>th</sup> SEP 2022

  
Program Coordinator

  
Principal  
PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE  
CHINTALAPUDI

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CHINTALAPUDI  
NEAR TENALI, GUNTUR-522 306, A.P.



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Dr./Mr./Mrs./Ms. N. Gopi Krishna

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Program Coordinator

  
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INSTITUTE OF TECHNOLOGY & SCIENCE  
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GUNTUR-522 306, A.P.

  
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CHINTALAPUDI



# Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

Under Management of INDIRA EDUCATIONAL Society, Hyderabad.

College Code: X2, Recognized by Govt of A.P.

Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

DATE: 1/10/2022

## CIRCULAR


This is to inform the entire faculty that the department of Electronics and Communication Engineering is organizing the five days Faculty Development Program (FDP) on "**RECENT ADVANTAGES IN 5G**" from 21 OCT to 25 OCT 2022. Various reputed institutions will have eminent speakers delivered the FDP.

It is mandatory for all faculty members to register and attend the program without fail.

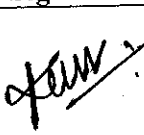
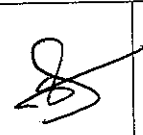
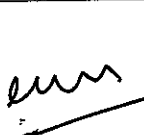
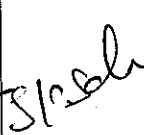
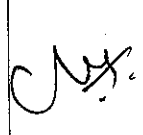


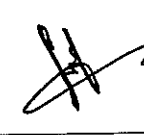
Venue: Room No.: SEMINAR HALL

Note: The program Schedule and Broacher are enclosed.

Co-Ordinator: SK.Shahir, Associate Professor

  
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INSTITUTE OF TECHNOLOGY & SCIENCE  
NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.

Copy To:

Signature of All HOD's							
							
CIVIL	EEE	MECH	ECE	CSE	AI&DS	S&H	MBA

## REGISTRATION FORM

Name:.....  
Dept. :.....  
Institution:.....  
Address for Communication:  
.....  
.....  
Mobile:.....  
email: .....

last date of registration

20th oct 2022

**PRINCIPAL**  
PRIYADARSHINI  
INSTITUTE OF TECHNOLOGY & SCIENCE  
:EAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.



## PROGRAM COMMITTEE:

### CHIEF PATRON

Sri Chandu Ramarao  
Chairman,

Sri Chandu Vijaya Lakshmi  
Secretary & Correspondent,  
Dr.Ch.Ravi Kumar  
Director,

### PATRON

Dr Lakshmi Narayana  
Principal,

### CONVENER

SK. Sahir  
HOD, ECE

### COORDINATOR

Ms B.Swapnika  
Asst. Professor, DEPT. of ECE

## Resource Person:

### **Mr.A.Gangadhar**

Assoc. Professor,  
DEPT. of ECE  
Priyadarshini Institute of Technology & Science  
University College of Engineering  
:EAR TENALI, CHINTALAPUDI, gangadharakurathi@gmail.com  
9885796156

## ADDRESS FOR COMMUNICATION:

### **Ms B.Swapnika**

Coordinator  
Email ID:  
swapnikabhaviri@gmail.com  
Contact number: 831753002



## **Priyadarshini Institute of Technology & Science**

Under Management of **INDIRA EDUCATIONAL Societ.**  
Hyderabad. College Code: X2,  
Recognised by Govt of A.P.  
Approved by AICTE, New Delhi &  
Affiliation to JNTU Kakinada.

**A One Week Certificate Program**

**OR**

**“RECENT ADVANTAGES IN 5G”**

**Dates:**

**21 OCT to 25 OCT 2022**

**Organized by:**

**Priyadarshini institute of Technology  
& Science**

**Venue:**

**Seminar Hall**

**Priyadarshini Institute of Technology  
& Science**

**College Code:GK**

**Society: DONBOSCO EDUCATIONAL  
Tenali**

**Andhra Pradesh-533433, INDIA**

## About the Institute

Priyadarshini Institute of Technology and science, Tenali was established in the year 2007 with sole aim of providing quality higher technical education to rural sector through its dedicated and committed staff. This opportunity made the students to become technologically superior and to serve the nation.

Priyadarshini is to develop high quality technical education and personnel with a sound footing on basic engineering principles, technical and managerial skills, innovative research capabilities, and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values. As soon as a student will step in the Priyadarshini campus, he/she will be nurtured to excel in their capabilities to face the present challenges of the world. Priyadarshini College will serve as a launching pad in their career to boost them to achieve their goal of life.

- To incorporate benchmarked teaching and learning methodologies in curriculum.
- To ensure all round development of students through judicious blend of curricular, co-curricular and extra-curricular activities.
- To support exchange of knowledge between industry and academy.



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**INSTITUTE OF TECHNOLOGY & SCIENCE**  
NEA, TENALI, CHINTALAPUDI,  
AP-522 306, A.P.

## About The Department

The Department of Electronics and Communication Engineering, established in 2007, is one of the most dynamic departments of Priyadarshini Institute of Technology and Science. I am really elated to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students. With great demand in industry and great placement opportunities, the department stands tall and proud. Our students are not only academically sound and disciplined but they also organize various events through various clubs and societies like III cell, EDC cell and EPC club, TechComm Professional Society, IEL, IETE to showcase their talents under non – technical, technical and cultural forums. Not only at national level, a good amount of international exposure is also offered for students and faculty in various countries like Spain, USA, Belgium, Sharja, South-Korea and Sri Lanka. I believe that my team consisting of ECE students, staff and faculty is capable of doing wonders. It has become a symbol for excellent placements which showcases our academic and extracurricular strengths. I invite you to the Electronics and Communication Engineering Department whether you are looking for an undergraduate or post graduate program. My team is confident that your stint with Priyadarshini Institute Of Technology and Science will definitely make you outshine with a successful and accomplished career.

## About The Programme:

With the consent and relentless support of SK.Shahir, HOD, Department of ECE, the five days Faculty Development Programme on “Recent Advantages in 5G” was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department, SK.Shahir. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his IT knowledge to make use of it by the participants in the Research area of mobile technology.

## Objectives of the Programme

The objective of the course is to let the participants be introduced to the Training on Recent Advantages in 5G. They will also learn the benefits and limitation of 5G on related technologies.

## Topics to be covered

- Communication Network Architecture & Evolution
- Antenna Design for 5G applications
- Network protocols Algorithms and Design
- 5G Antenna Design
- Finding Errors



# Priyadarshini Institute of Technology & Science

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## SCHEDULE OF FDP

RECENT ADVANCES IN 5G

DATE: 21/10/22 to 25/10/22

Day 1	Day 2	Day 3	Day 4	Day 5
Friday(21/10/22)	Saturday(22/10/22)	Sunday(23/10/22)	Monday(24/10/22)	Tuesday(25/10/22)
9:30 – 10:30 Communication Network Architecture & Evolution	10:00 – 11:30 Antenna Design for 5G applications	10:00 – 11:30 Network protocols and Algorithms Design	10:00 – 11:30 5G Antenna Design	10:00 – 11:30 Finding Errors
11:30 – 12:00 Communication Network Architecture & Evolution	11:30 – 12:00 Beam forming for 5G applications	11:30 – 12:00 Network protocols and Algorithms Design	11:30-12:00 Hands-on Session on 5G Antenna Design Using CST Studio Suite	11:30 – 12:00 session on the tool CST MICROWAVE STUDIO few installation errors were solved
12:00 – 1:15 RF Technologies in 3G/ 4G/ 5G Networks	12:00 – 1:00 Communication system design: Physical layer perspective	12:00 – 1:00 Evolution of Technologies from 5G	12:00 – 1:00 Hands-on Session on 5G Antenna Design Using CST Studio Suite	12:00 – 1:00 session on the tool CST MICROWAVE STUDIO few installation errors were solved
1:15 – 2:30 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>
2:30 – 4:30 RF Technologies in 3G/ 4G/ 5G Networks	2:00 – 4:30 Communication system design: Physical layer perspective	2:00 – 4:30 Evolution of Technologies from 5G	2:00 – 4:30 Introduction on micro strip patch antenna(MPA)	2:00 – 4:30 session on the tool CST MICROWAVE STUDIO few installation errors were solved

*G. S. S. S.*  
HOD

*[Signature]*  
PRINCIPAL

INSTITUTE OF TECHNOLOGY & SCIENCE  
NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.





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## ATTENDANCE SHEET

Department : Electronics and Communication Engineering

Name of the FDP : Recent Advantages in 5G

Dates : 21/10/22 to 25/10/22

S.No	Name of the Faculty	Dept.	College Name	Signature of the Faculty									
				21/10/22		22/10/22		23/10/22		24/10/22		25/10/22	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	SK. Sahior	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	P. Balakrishna	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	A. Suresh Kumar	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	K. Krishna Mohan	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	K. Shyam Prasad	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	S. Swabika	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	B. Pravalika	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	N. Hithveni	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	G. Anjan?	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	D. Anitha	ECE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	B. Divakar	CSE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	D. Patanikrupulu	CSE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	K. Venkaiah	CSE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	B. Ramesh Babu	H&S	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	K. Raju	H&S	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	SK. Jagan Mohan	MBA	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	B. Ravi	MBA	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	K. Hanumanth	Civil	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	V. Anusha	Civil	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	M. Bindu	EEE	PITT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
21	A. Kavitha	CSE	BWF	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
22	M. Bhavani	ECE	BWF	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
23	N. A. Laxmi	EEE	BWF	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
24	K. Sreedekha	ECE	BWF	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
25	G. Krishnamani	ECE	BWF	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
26	D. Rekha	ECE	ECE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
27	S. Parvathi	CSE	ECE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
28	T. Padmaja	CSE	ECE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
29	B. Sivakumari	EEE	ECE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

[Signature]  
HOD

[Signature]  
Principal



# Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

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College Code: X2, Recognized by Govt of A.P.

Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

DATE: 29/10/2022

## FDP REPORT

**Name of the Program:** Five days Faculty Development Program (FDP) on “Recent Advantages in 5G”

**Organized by:** Department of Electronics and Communication Engineering

**Date:** 21-10-2022 to 25-10-2022

**Participants:** Faculty Members

**Resource Person:** Mr. A. Gangadhar, Associate Professor  
Dept. of ECE, University College of Engineering  
Contact: [gangadharakurtathi@gmail.com](mailto:gangadharakurtathi@gmail.com)  
Mobile: 9885796156

### **Objective:**

The objective of the course is to let the participants be introduced to the Training on Recent Advantages in 5G. They will also learn the benefits and limitation of 5G on related technologies.

### **About the FDP:**

With the consent and relentless support of SK.Shahir, HOD, Department of ECE, the five days Faculty Development Programme on “Recent Advantages in 5G” was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department, SK.Shahir. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his IT knowledge to make use of it by the participants in the Research area of mobile technology.

Report for five days:

**Day-1:** Communication Network Architecture & Evolution. RF Technologies in 3G/ 4G/ 5G Networks

**Day-2:** Antenna Design and Beam forming for 5G applications and Communication system design:  
Physical layer perspective

  
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**NEAR TENALI, CHINTALAPUDI**  
**GUNTUR-522 306, A.P.**



# Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

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**Day-3:** Network protocols Algorithms and Design, Evolution of Technologies from 5G

**Day-4:** Hands-on Session on 5G Antenna Design Using CST Studio Suite” in which the outline of the topics is Introduction on micro strip patch antenna (MPA)

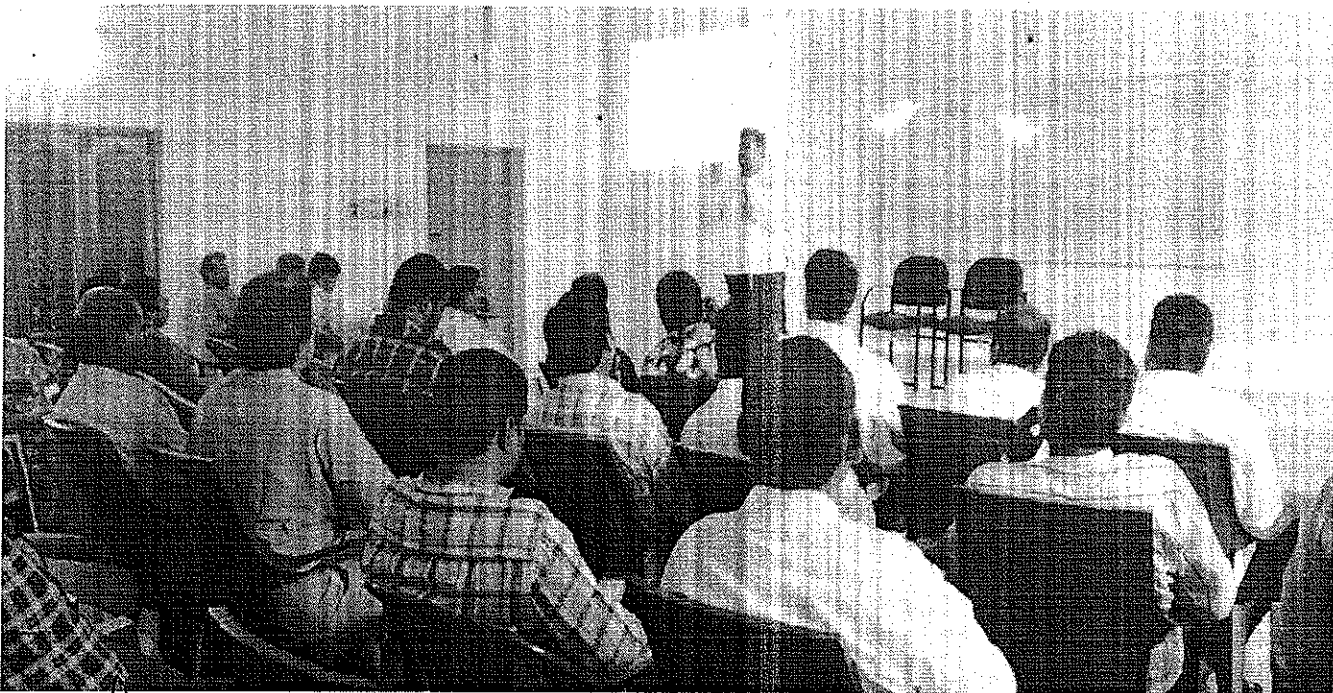
**Day-5:** Session on the tool CST MICROWAVE STUDIO few installation errors were solved and use of tool in research perspective was explained.

The participants were happy and satisfied as their expectation on grasping the peculiar insights in mobile applications. The queries raised by the participants were clarified by the speaker. The participants gave commendable feedback about the event. Finally, the event was concluded by Mr. Shair SK with thanks to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HoD and participants.


**Total no. of participants:** 27

**FDP Convener:** SK.Shahir, HoD/ECE

**Faculty Coordinators:** Mr. K. Bala Krishna, Ms. B. Swapnika



  
ECE HOD

  
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### CERTIFICATE OF PARTICIPATION


This is to certify that  
Dr./Mr./Mrs./Ms. B. Siva Kumari has participated in

A One Week FDP on "RECENT ADVANTAGES IN 5G"

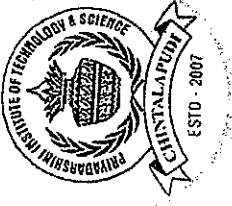
organized by department of ECE,

held at Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 21<sup>st</sup> to 25<sup>th</sup> OCT 2022.

Program Coordinator

  
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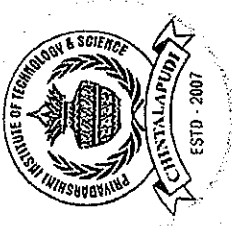
### **CERTIFICATE OF PARTICIPATION**

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Dr./Mr./Mrs./Ms. T. Padmaja has participated in  
A One Week FDP on "RECENT ADVANTAGES IN 5G"  
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*Program Coordinator*

  
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Dr./Mr./Mrs./Ms. S. parvathi has participated in


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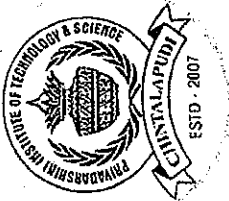
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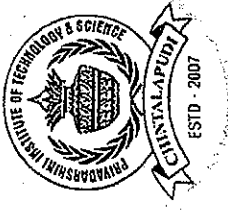
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Dr./Mr./Mrs./Ms. Gr. Krishnaveni has participated in

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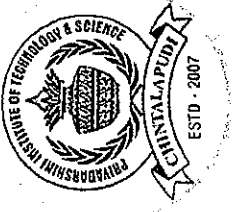
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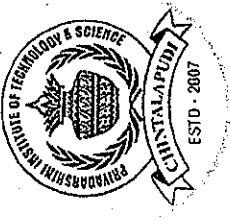
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Program Coordinator

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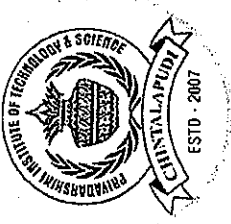
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Dr./Mr./Mrs./Ms. V. A. Laxmi has participated in  
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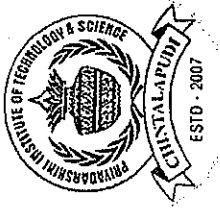
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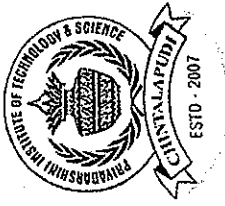
held at Priyadarshini Institute of Technology & Science, Chintalapudi,

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Program Coordinator

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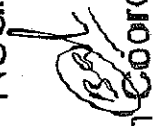
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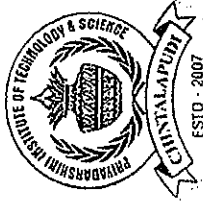
Dr./Mr./Mrs./Ms. M. Bindu  
A One Week FDP on "RECENT ADVANTAGES IN 5G"

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Program Coordinator

  
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Near Tenali, Guntur-522 306, INDIA, from 21<sup>st</sup> to 25<sup>th</sup> OCT 2022.

  
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# Priyadarshini Institute of Technology & Science

Chintalapudi Near Tenali Guntur-522 306.

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College Code:X2, Recognized by Got of A.P.

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DATE: 9/11/2022

## CIRCULAR

This is to inform the entire faculty that the department of Computer Science Engineering is organizing the five days Faculty Development Program (FDP) on "*Hadoop and Hadoop Ecosystem*" from 21<sup>st</sup> NOV to 25<sup>th</sup> NOV 2022. Various reputed institutions will have eminent speakers delivered the FDP.

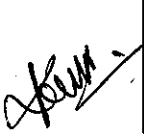

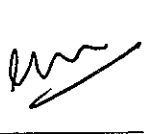
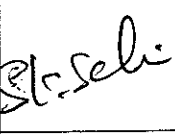
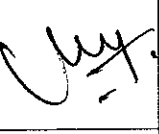

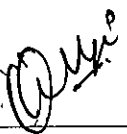
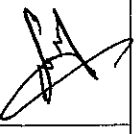
It is mandatory for all faculty members to register and attend the program without fail.

Venue: Room No.: 207

Note: The program Schedule and Broacher are enclosed.

Co-Ordinator: Delhi Police, Associate Professor

Copy To:

Signature of All HOD's							
							
CIVIL	EEE	MECH	ECE	CSE	AI&DS	S&H	MBA

  
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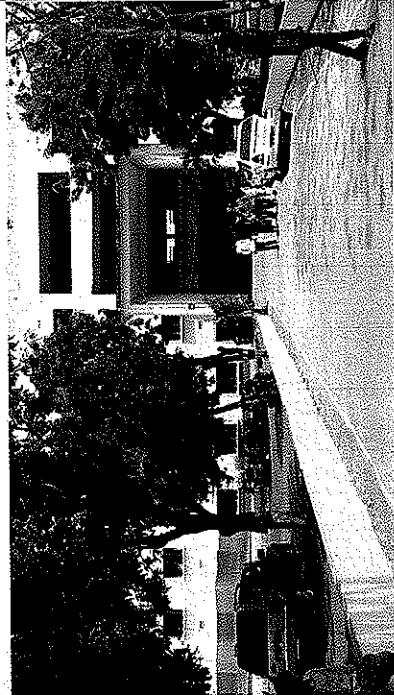
## REGISTRATION FORM

Name:.....  
Dept. :.....  
Institution:.....  
Address for Communication:.....  
.....  
.....  
Mobile:.....  
email: .....

last date of registration

21st Nov 2022

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## PROGRAM COMMITTEE:

### CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

### PATRON

Dr Lakshmi Narayana

Principal,

### CONVENER

Mr. CH. Delhi Police

HOD, CSE

### COORDINATOR

Mrs K. SWARUPA RANI

Asst. Professor, DEPT. of CSE

### Resource Person:

Mrs. G. Sivanaga Malliswari

Asst. Professor,

DEPT. of CSE

PITW, Chintalapudi, Tenali

sivanagamalliswari7@gmail.com

8309905516

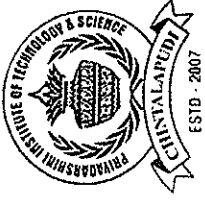
### ADDRESS FOR COMMUNICATION:

**Mrs K. SWARUPA RANI**

Coordinator

Email ID: swaroopark@gmail.com

Contact number: 9885790060



## **Priyadarshini Institute of Technology & Science**

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**A One Week Certificate Program**

on

**HADOOP**

**AND**

**HADOOP ECOSYSTEM**

**Dates:**

**21st Nov to 25th Nov 2022**

**Organized by:**

**Priyadarshini institute of Technology  
& Science**

**Venue:**

**Computer Lab**

**Priyadarshini Institute of Technology  
& Science**

**College Code:GK**

**Society: DONBOSCO EDUCATIONAL  
Tenali**

**Andhra Pradesh-533433, INDIA**




## About the Institute

Priyadarshini Institute of Technology and science, Tenali was established in the year 2007 with sole aim of providing quality higher technical education to rural sector through its dedicated and committed staff. This opportunity made the students to become technologically superior and to serve the nation.

Priyadarshini is to develop high quality technical education and personnel with a sound footing on basic engineering principles, technical and managerial skills, innovative research capabilities, and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values. As soon as a student will step in the Priyadarshini campus, he/she will be nurtured to excel in their capabilities to face the present challenges of the world. Priyadarshini College will serve as a launching pad in their career to boost them to achieve their goal of life.

- To incorporate benchmarked teaching and learning methodologies in curriculum.
- To ensure all round development of students through judicious blend of curricular, co-curricular and extra-curricular activities.
- To support exchange of knowledge between industry and academy.

  
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## About The Department

The Department of Computer Science and Engineering, established in 2007, is one of the most dynamic departments of Priyadarshini Institute of Technology and Science. I am really elated to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students. With great demand in industry and great placement opportunities, the department stands tall and proud. Our students are not only academically sound and disciplined but they also organize various events through various clubs and societies like III cell, EDC cell and EPC club, Tech Comm. Professional Society, IEL, IETE to showcase their talents under non - technical, technical and cultural forums. Not only at national level, a good amount of international exposure is also offered for students and faculty in various countries like Spain, USA, Belgium, Sharja, South-Korea and Sri Lanka. I believe that my team consisting of CSE students, staff and faculty is capable of doing wonders. It has become a symbol for excellent placements which showcases our academic and extracurricular strengths. I invite you to the Computer Science and Engineering Department whether you are looking for an undergraduate or post graduate program. My team is confident that your stint with Priyadarshini Institute of Technology and Science will definitely make you outshine with a successful and accomplished career.

## About The Programme:

With the consent and relentless support of Dr. CH. Delhi Police, HOD, Department of CSE, the five days Faculty Development Programme on "Hadoop and Hadoop Ecosystem" was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department, Dr. CH. Delhi Police. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his IT knowledge to make use of it by the participants in the Research area of Data Science with python.

## Objectives of the Programme

- The objective of the course is to let the participants be introduced to the Hadoop and Hadoop Eco-system.
- They will also learn the benefits and limitation of Hadoop, features of Hadoop, Hadoop ecosystem, Map Reduce in Hadoop, Data with Hadoop.

## Topics to be covered

- Introduction of Data Structures
- Linked Lists
- Introduction of Stacks
- Non-linear Data structures
- Binary trees Implementation



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## SCHEDULE OF FDP

### *Hadoop and Hadoop Ecosystem*

DATE: 21/11/22 to 25/11/22

Day 1	Day 2	Day 3	Day 4	Day 5
Monday(21/11/22)	Tuesday(22/11/22)	Wednesday(23/11/22)	Thursday(24/11/22)	Friday(25/11/22)
9:30 – 10:30 Introduction of Hadoop	10:00 – 11:30 Hadoop YARN	10:00 – 11:30 Map reduce in Hadoop	10:00 – 11:30 Hadoop Ecosystem	10:00 – 11:30 Big data
11:30 – 12:00 Components of Hadoop	11:30 – 12:00 Hadoop YARN Architecture	11:30 – 12:00 Distributed cache in Hadoop map reduce	11:30 – 12:00 Data Management in Hadoop Ecosystem	11:30 – 12:00 Volunteer and Grid Computing
12:00 – 1:15 Hadoop distributed file system	12:00 – 1:00 Application workflow in Hadoop YARN	12:00 – 1:00 Map reduce Architecture	12:00 – 1:00 Data Access in Hadoop Ecosystem	12:00 – 1:00 Big data vs Apache Hadoop
1:15 – 2:30 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>	1:00 – 2:00 <i>Lunch Break</i>
2:30 – 4:30 Features of Hadoop	2:00 – 4:30 Data with Hadoop	2:00 – 4:30 Difference between Map Reduce and Pig	2:00 – 4:30 Data Storage in Hadoop Ecosystem	2:00 – 4:30 RDMS vs Hadoop

*CSE HoB*

Principal

*[Signature]*  
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NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.



# Priyadarshini Institute of Technology & Science

Chintalapudi Near Tenali Guntur-522 306.  
 Under Management of INDIRA EDUCATIONAL Society, Hyderabad.  
 College Code:X2, Recognized by Got of A.P.  
 Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.


## ATTENDANCE SHEET

Department : Computer Science and Engineering

Name of the FDP : Hadoop and Hadoop Ecosystem

Dates : 21/11/22 to 25/11/22

S.No	Name of the Faculty	Dept.	College Name	Signature of the Faculty									
				21/11/22		22/11/22		23/11/22		24/11/22		25/11/22	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	A. Bharathi	CSE	PITS	B	B	B	B	B	B	B	B	B	B
2	Ch. Dehupudi	CSE	PITS	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
3	K. Venkatarao	CSE	PITS	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao
4	V. Sravani	Civil	Amrith Sai	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra	V.Sra
5	D. Sumanth	ECE	PITS	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S
6	K. Penka	CSE	PITS	R	R	R	R	R	R	R	R	R	R
7	G. Komal Raj	Civil	PITS	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj	K.Raj
8	K. Rakesh	ECE	PITS	R	R	R	R	R	R	R	R	R	R
9	V. Satish	EEE	Amrith Sai	V	V	V	V	V	V	V	V	V	V
10	P. Ravankumar	H&S	PITS	P	P	P	P	P	P	P	P	P	P
11	S. Sankaran	CSE	PITS	S	S	S	S	S	S	S	S	S	S
12	T. Nagendrababu	CSE	PITS	(NB)	(NB)	(NB)	(NB)	(NB)	(NB)	(NB)	(NB)	(NB)	(NB)
13	P. Sasidhar	Mech	Esuka	S	S	S	S	S	S	S	S	S	S
14	M. Madhava Rao	C.S-E	CR Reddy	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao	M.Rao
15	K. Kamalakshy	Mech	PITS	K	K	K	K	K	K	K	K	K	K
16	B. Divakar	CSE	PITS	B	B	B	B	B	B	B	B	B	B
17	Yadla. Jyothi	CSE	CRR	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
18	G. Suresh	MBA	PITS	G	G	G	G	G	G	G	G	G	G
19	J. Ayyappa	EE	CRR	J	J	J	J	J	J	J	J	J	J
20	V. VeerRaju	ECE	CRR	V	V	V	V	V	V	V	V	V	V
21	M. Anand babu	H&S	PITT	M	M	M	M	M	M	M	M	M	M
22	M. Gopi	Civil	PITT	M	M	M	M	M	M	M	M	M	M
23	Sita Ram	CSE	PITT	S	S	S	S	S	S	S	S	S	S
24	P. Nagarshetrao	CSE	PITT	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh
25	N. Kavitha	CSE	Bapetla	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha
26	Busa Ramesh	IT	CR Reddy	B	B	B	B	B	B	B	B	B	B
27	M. Anitha	CSE	Bapetla	M	M	M	M	M	M	M	M	M	M
28	T. Subaxini	EE	Amrith Sai	T	T	T	T	T	T	T	T	T	T
29	S. Anand Babu	CSG	PITS	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu

  
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Department : Computer Science and Engineering

Name of the FDP : Hadoop and Hadoop Ecosystem

Dates : 21/11/22 to 25/11/22

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	G. Nirmala	CSE	Sir CRR										
2	K. Srinet	CSE	CRR										
3	S. Mohan Babu	CSE	CRR										
4	K. Chaitanya Deevi	C.S.E	C.R.Reddy										
5	N. Deepika	C.S.E	C.R.Reddy										
6	D. Satya V. G. Krishna	CE	CR. Reddy										
7	K. Anil Choudhary	CSF	CR. Reddy										
8	B. Mallav Reddy	CSE	CR. Reddy										
9	K. N. Madhavilatha	C.S.E	GR. Reddy										
10	P. Nagadeepthi	C.S.E	CR. Reddy										
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DATE: 29/11/22

## FDP REPORT

**Name of the Program:** Five days Faculty Development Program (FDP) on "*Hadoop and Hadoop Ecosystem*"

**Organized by:** Department of Computer Science Engineering

**Date:** 21/11/22 to 25/11/22

**Participants:** Faculty Members

**Resource Person:** Mr. A. Naresh, Assoc. Professor,  
DEPT. of CSE, PITW

Email ID: [alapatinaresh13@gmail.com](mailto:alapatinaresh13@gmail.com), Contact number: 9966135989

### **Objective:**

The objective of the course is to let the participants be introduced to the Hadoop and Hadoop Ecosystem. They will also learn the benefits and limitation of Hadoop, features of Hadoop, Hadoop ecosystem, Map Reduce in Hadoop, Data with Hadoop.

### **About the FDP:**


With the consent and relentless support of Dr. CH. Delhi Police, HOD, Department of CSE, the five days Faculty Development Programme on "Hadoop and Hadoop Ecosystem" was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department, Dr. CH. Delhi Police. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his knowledge to make use of it by the participants in the basics of Hadoop

### **Report for five days**

#### **Day-1: Hadoop Introduction and features**

**Topics Covered:** The session started with the basic definition of Hadoop and its wide variety of applications. Further topics covered as follows,

  
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1. Introduction of Hadoop
2. Components of Hadoop
3. Hadoop Distributed File system
4. Hadoop Features

## Day-2: components of Hadoop

Topics Covered: The session started with the basic components of Hadoop. Further topics covered are as follows,

1. Hadoop YARN :Introduction
2. Hadoop YARN Architecture
3. Application work flow in Hadoop YARN
4. Data with Hadoop

## Day-3: Map reduce in Hadoop

Topics Covered: The session started with the basic explanation of Map reduce in Hadoop. Further topics covered are as follows,

1. Map reduce in Hadoop : Introduction
2. Map reduce Architecture
3. Distributed cache in Map reduce
4. Differences between Map reduce and pig

## Day-4: Hadoop Ecosystem

Topics Covered: The session started with the basics of Hadoop Ecosystem. Further topics covered are as follows,

1. Hadoop Ecosystem: Introduction
2. Data management in Hadoop Ecosystem
3. Data Access
4. Data Storage

## Day-5: Big Data

Topics Covered: The session started with the Big Data in Hadoop. Further topics covered are as follows,

1. Big Data : Introduction
2. Volunteer & Grid Computing
3. Big data vs. Apache Hadoop
4. RDMS vs. Hadoop

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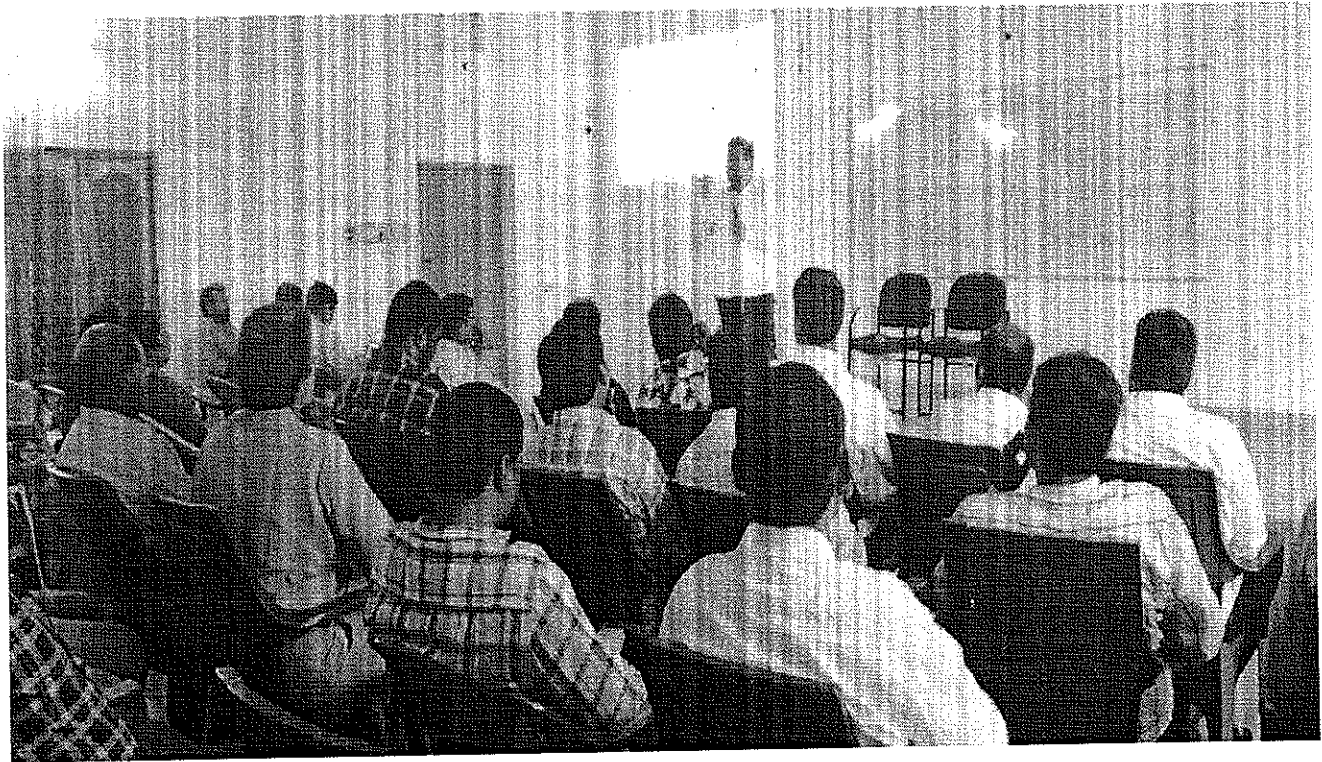
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The participants were happy and satisfied as their expectation on grasping the peculiar insights in python applications and NVMe storage was fulfilled. The queries raised by the participants were clarified by the speaker. The participants gave commendable feedback about the event. Finally, the event was concluded by Mrs. K. Swaroopa and Mrs. A. Bharathi with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Director, Dean, HoD and participants.

Total no. of participants: 46

FDP Convener: Dr. Delhi Police Chandu, HoD/CSE

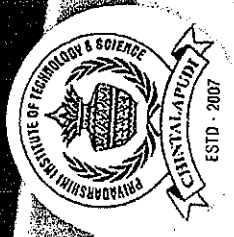
Faculty Coordinators: Mrs. K. Swaroopa, Mrs. A. Bharathi



*Chandu*  
CSE HoD

*[Signature]*  
Principal

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### **CERTIFICATE OF PARTICIPATION**

This is to certify that

Dr./Mr./Mrs./Ms. *N. Deepak*

has participated in

A One Week FDP on "Hadoop and Hadoop Ecosystem" organized by department of CSE,  
held at Priyadarshini Institute of Technology & Science, Chintalapudi,

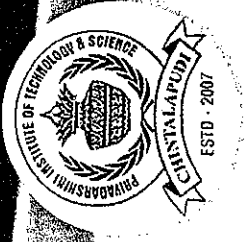
Near Tenali, Guntur-522 306, INDIA, from 21<sup>st</sup> to 25<sup>th</sup> NOV 2022.

*[Signature]*  
Program Coordinator

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**NEAR TENALI, CHINTALAPUDI.**





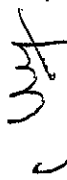
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Dr./Mr./Mrs./Ms. Gr. Nirmala has participated in  
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Program Coordinator

  
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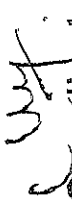
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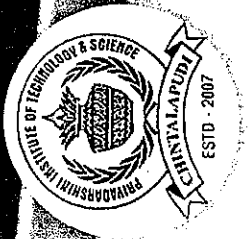
Dr./Mr./Mrs./Ms. J. Saiya venu Gopala Krishna has participated in  
A One Week FDP on "Hadoop and Hadoop Ecosystem" organized by department of CSE,  
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This is to certify that  
Dr./Mr./Mrs./Ms. K. Amil Choudhary has participated in  
A One Week FDP on "Hadoop and Hadoop Ecosystem" organized by department of CSE,  
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This is to certify that


Dr./Mr./Mrs./Ms. K. Naga madhavi Latha has participated in

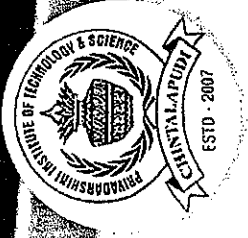
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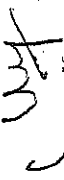
This is to certify that

Dr./Mr./Mrs./Ms. B. Madhav Rao has participated in

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held at Priyadarshini Institute of Technology & Science, Chintalapudi,

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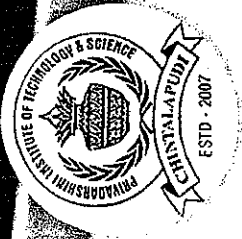
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Dr./Mr./Mrs./Ms.     K. Srienu     has participated in

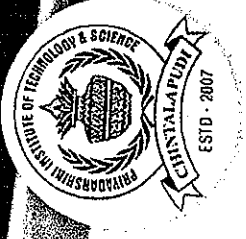
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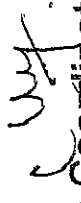
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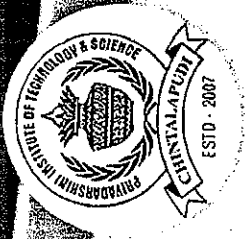
This is to certify that  
Dr./Mr./Mrs./Ms. S. Mohanbabu chary has participated in  
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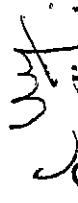
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Dr./Mr./Mrs./Ms. K. Chaitanya Deepthi has participated in

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Program Coordinator

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DATE: 11/03/2023

## CIRCULAR

This is to inform the entire faculty that the department of Master of Business Administration is organizing the five days Faculty Development Program (FDP) on *"Quality and Productivity"* from 27<sup>th</sup> March to 31<sup>st</sup> March 2023. Various reputed institutions will have eminent speakers delivered the FDP.

It is mandatory for all faculty members to register and attend the program without fail.

Venue: Room No.: Seminar Hall

Note: The program Schedule and Broacher are enclosed.

Co-Ordinator: Mohammad Rafi SK, Associate Professor

Copy To:

Signature of All HOD's							
CIVIL	EEE	MECH	ECE	CSE	AI&DS	S&H	MBA

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## REGISTRATION FORM

Name:.....  
Dept. :.....  
Institution:.....  
Address for Communication:  
.....  
.....  
Mobile:.....  
email: .....

last date of registration

31st Mar. 2023

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ANDHRA PRADESH - 533433



## PROGRAM COMMITTEE:

### CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

### PATRON

Dr Lakshmi Narayana

Principal,

### CONVENER

Mr. A Srikanth Babu

Assoc. Professor, MBA Dept.

### COORDINATOR

Mr SK Mohammad Rafi

Asst. Professor, MBA Dept.

### Resource Person:

**DR. N YUVARAJU**

Assoc. Professor,

MBA Dept.

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INSTITUTE OF TECHNOLOGY & SCIENCE,  
KETHANAKONDA, VIJAYAWADA

CHINTALAPUDI. yuvrajun29@gmail.com

9441389898

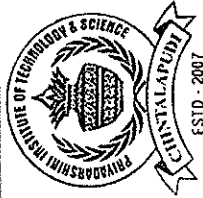
### ADDRESS FOR COMMUNICATION:

**Mr SK Mohammad Rafi**

Coordinator

Email ID: rafisk3034@gmail.com

Contact number: 9963828387



## **Priyadarshini Institute of Technology & Science**

Under Management of INDIRA EDUCATIONAL Societ.

Hyderabad. College Code: X2,

Recognised by Govt of A.P.

Approved by AICTE, New Delhi &

Affiliation to JNTU Kakinada.

**A One Week Certificate Program**

OR

**“QUALITY AND PRODUCTIVITY”**

**Dates:**

27th March to 31th March 2023

**Organized by:**

Priyadarshini institute of Technology

& Science

**Venue:**

Computer Lab

Priyadarshini Institute of Technology

& Science

**College Code:GK**

Tenali

**Society: DONBOSCO EDUCATIONAL**

Andhra Pradesh-533433, INDIA

## About the Institute

Priyadarshini Institute of Technology and science, Tenali was established in the year 2007 with sole aim of providing quality higher technical education to rural sector through its dedicated and committed staff. This opportunity made the students to become technologically superior and to serve the nation.

Priyadarshini is to develop high quality technical education and personnel with a sound footing on basic engineering principles, technical and managerial skills, innovative research capabilities, and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values. As soon as a student will step in the Priyadarshini campus, he/she will be nurtured to excel in their capabilities to face the present challenges of the world. Priyadarshini College will serve as a launching pad in their career to boost them to achieve their goal of life.

- To incorporate benchmarked teaching and learning methodologies in curriculum.
- To ensure all round development of students through judicious blend of curricular, co-curricular and extracurricular activities.
- To support exchange of knowledge between industry and academy.

## Objectives of the Programme

- Quality objectives help to clarify the priorities of the organization, and they provide a roadmap for achieving these goals.
- When employees understand the quality objectives, they can focus their efforts on activities that are aligned with these objectives, leading to greater efficiency and productivity.

## About The Department

The department of MBA was established in 2008 with an intake of 60 students in the PG Programmed. The intake was enhanced to 120 in 2013, In the Year 2014 the intake further enhanced to 240. The Department also runs Post-Graduate programmers in three specializations namely MBA (MARKETING & FINANCE, HR) with a total intake of 240 students.

The department has highly qualified and experienced faculty with four professors, one associate professor and twelve assistant professors and five academic assistants. The department has good infrastructure facilities and is equipped with full-fledged IT labs. The department also has full fledged audio-visual facilities for effective teaching. The staff members are deputed to participate in workshops, conferences and refreshers courses to keep in place with recent developments in the field of master of business administration under faculty development programme.


## About The Programme:

With the consent and relentless support of Dr. A Srikanth Babu, HOD, MBA Department, the five days Faculty Development Programme on "Quality and Productivity" was conducted for the Faculty Members of ours and other institutions across the state.

The event began with the note of welcome followed by the presidential address by the Head of the Department, Dr. A Srikanth Babu. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his Industrial knowledge to make use of it by the participants in the Research area on "Quality and Productivity".

## Topics to be covered

- Total Quality Management (TQM)
- Improving productivity.
- Core Values and Guiding principles
- Core competency
- Organizational culture

  
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## SCHEDULE OF FDP

*"Quality and Productivity"*

DATE: 27/03/23 to 31/03/23

Day 1	Day 2	Day 3	Day 4	Day 5
Monday(27/3/23)	Tuesday(28/3/23)	Wednesday(29/3/23)	Thursday(30/3/23)	Friday(31/3/23)
9:30 – 10:30 Quality planning	10:00 – 11:30 Top level management	10:00 – 11:30 Safety to improve Quality	10:00 – 11:30 Traditional Barriers	10:00 – 11:30 solid foundation for safety
11:30 – 12:00 Quality Control	11:30 – 12:00 Middle level management	11:30 – 12:00 Safety to improve Productivity	11:30 – 12:00 Traditional Barriers to Safety	11:30 – 12:00 solid foundation for quality
12:00 – 1:15 Quality assurance	12:00 – 1:00 Low level management	12:00 – 1:00 Safety to improve Productivity	12:00 – 1:00 Traditional Barriers to Quality	12:00 – 1:00 solid foundation for productivity
1:15 – 2:30 Lunch Break	1:00 – 2:00 Lunch Break	1:00 – 2:00 Lunch Break	1:00 – 2:00 Lunch Break	1:00 – 2:00 Lunch Break
2:30 – 4:30 Quality improvement	2:00 – 4:30 Low level management	2:00 – 4:30 Safety processes & Begets safety issues	2:00 – 4:30 Traditional Barriers to Productivity	2:00 – 4:30 Profitability

  
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## ATTENDANCE SHEET

Department : Master of Business Administration

Name of the FDP : "Quality and Productivity"

Dates : 27/3/23 to 31/3/23

S.No	Name of the Faculty	Dept.	College Name	Signature of the Faculty									
				27/3/23		28/3/23		29/3/23		30/3/23		31/3/23	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	M.S. Jahanari	MBA	AMBATA	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
2	T. Mahesh Kumar	CIVIL	Amrita Sai	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
3	V. Sravani	CIVIL	AMRIJA	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
4	Lakshmana samy	MBA	AMBATA	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
5	CH. Rameshdutt	CIVIL	CRRC	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
6	Saleem Basha	MBA	ESUR	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
7	K. Doraiya varli	MBA	CAVIER	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
8	P. Rajini	MBA	AMRIJA	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
9	P. Suresh	MBA	AMRITASE	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
10	M. Rakesh Reddy	CIVIL	AMRITASE	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
11	Ravi Kumar G	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
12	Varadha J	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
13	Ch. Sureshwarao	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
14	V. Suresh Kumar	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
15	Venkata babu T	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
16	Padmaprasanna K	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
17	Sambasivarao Y	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
18	M.V. Krishna	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
19	Bindu Moturu	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
20	M. Sravani	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
21	D. Venkata Anuska	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
22	Dr. Gopika	EEE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
23	Dr. Salini	ECB	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
24	S. Sureshi	ECE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
25	V. TRIVENI	ECE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)
26	K. RAKESH	ECE	PITT	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)	(Signature)

  
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DATE: 3/4/2023

## FDP REPORT

**Name of the Program:** Five days Faculty Development Program (FDP) on “*Quality and Productivity*”

**Organized by:** Department of Master of Business Management

**Date:** 27-3--2023 to 31-3-2023

**Participants:** Faculty Members

**Resource Person:** Dr N. YUVARAJU, Associate Professor

HoD, MBA Department, RKCE, Kethanakonda, Vijayawada

[yuvrajun29@gmail.com](mailto:yuvrajun29@gmail.com), 9441389898

### **Objective:**

The objective of the course is to let the participants be introduced to the Quality and Productivity in a Organization. They will also teach Quality management, Quality assurance, Quality control etc. The FDP also provide a brief knowledge on Traditional Barriers, Traditional Barriers to Safety, Traditional, solid foundation for safety, quality, and productivity Barriers to Quality.

### **About the FDP:**

With the consent and relentless support of Dr. A. Srikanth Babu, HOD, Department of MBA, the five days Faculty Development Programme on “Quality and Productivity” was conducted for the Faculty Members of ours and other institutions across the state.

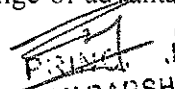
The event began with the note of welcome followed by the presidential address by the Head of the Department, Dr. A. Srikanth Babu. He welcomed and motivated all the participants to make use of this the five days session for their career growth. He welcomed the guest speaker of Day-1 session for his support in sharing his Industrial knowledge to make use of it by the participants in the Research area of Management Science with industrial experience.

Report for five days

**Day-1:** Quality control, assurance, planning, management

Topics Covered:

The session started with the basic definition of Quality in production and its wide range of advantage in increasing the satisfied customers. Further topics covered as follows,

  
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1. Quality planning
2. Quality Control
3. Quality assurance
4. Quality improvement
5. Quality management

## Day-2: Different levels of management

### Topics Covered:

The session started with the basic levels of management. Further topics covered are as follows,

1. Top level management
2. Middle level management
3. Low level management
4. Low level management
5. Profitability

## Day-3: Safety to improve Quality, Productivity, and Safety processes

### Topics Covered:

The session started with the basic explanation of Safety to improve Quality and innovative method of accessing Safety processes. Further topics covered are as follows,


1. Quality assurance
2. Low level management
3. Safety to improve Productivity
4. Traditional Barriers to Quality
5. Profitability of organization

## Day-4: Traditional Barriers to Safety, Quality, Productivity

### Topics Covered:

The session started with the basics of Artificial Intelligence and Machine Learning. Further topics covered are as follows,

1. Traditional Barriers
2. Traditional Barriers to Safety
3. Traditional Barriers to Quality
4. Traditional Barriers to Productivity

  
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**Day-5:** solid foundation for safety, quality, productivity

Topics Covered:

The session started with the evolution of Industry versions. Further topics covered are as follows,

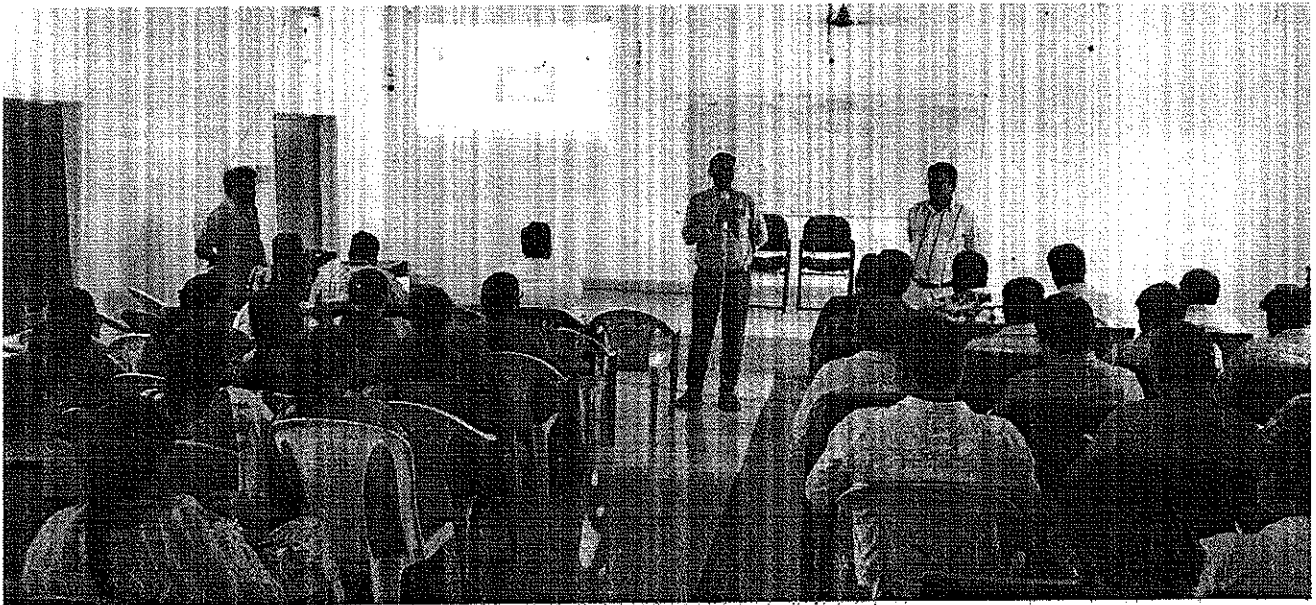
1. solid foundation for safety
2. solid foundation for quality
3. solid foundation for productivity
4. Profitability

The participants were happy and satisfied as their expectation on grasping the peculiar insights in python applications and NVMe storage was fulfilled. The queries raised by the participants were clarified by the speaker. The participants gave commendable feedback about the event. Finally, the event was concluded by Mrs. R. Angeline and Mrs. A. Praveena with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Director, Dean, HoD and participants.


**Total no. of participants:** 23

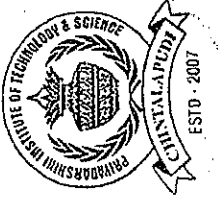
**EDP Convener:** Dr. A. Srikanth Babu, HOD, Department of MBA

**Faculty Coordinators:** Mohammad Rafi SK, Associate Professor



  
MBA HOD

  
Principal  
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### **Certificate of Participation**

This is to certify that.

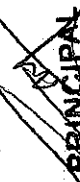
Dr./Mr./Mrs./Ms. *Ms. Jahnavi* has participated


in A One Week FDP on "Quality and Productivity" organized by MBA department, held at

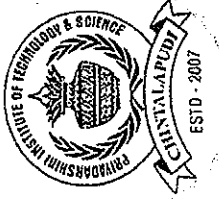
Priyadarshini Institute of Technology & Science, Chintalapudi,

Near Tenali, Guntur-522 306, INDIA, from 27<sup>th</sup> to 31<sup>th</sup> March 2023.

  
Program Coordinator

  
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CHINTALAPUDI, Duggirala Madu  
Guntur - 522 306



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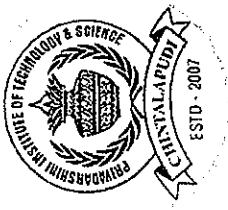
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This is to certify that \_\_\_\_\_ has participated  
Dr./Mr./Mrs./Ms. T. Mahesh Kumar  
in A One Week FDP on "Quality and Productivity" organized by MBA department, held at  
Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 27<sup>th</sup> to 31<sup>th</sup> March 2023.

  
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Dr./Mr./Mrs./Ms. V. Smruti  
in A One Week FDP on "Quality and Productivity" organized by MBA department, held at  
Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 27<sup>th</sup> to 31<sup>th</sup> March 2023.

  
Program Coordinator

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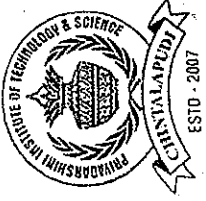
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This is to certify that \_\_\_\_\_ has participated  
Dr./Mr./Mrs./Ms. Lakshmana Swamy \_\_\_\_\_ has participated  
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This is to certify that

Dr./Mr./Mrs./Ms. Chilakapati Ramesh Dutt has participated  
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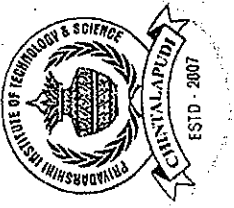
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This is to certify that

Dr./Mr./Mrs./Ms. Saleem Basha has participated  
in A One Week FDP on "Quality and Productivity" organized by MBA department, held at  
Priyadarshini Institute of Technology & Science, Chintalapudi,  
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\_\_\_\_\_ has participated


Dr./Mr./Mrs./Ms. K. Dasigavali


in A One Week FDP on "Quality and Productivity" organized by MBA department, held at

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This is to certify that

Dr./Mr./Mrs./Ms. P. Rajini has participated

in A One Week FDP on "Quality and Productivity" organized by MBA department, held at

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This is to certify that

Dr./Mr./Mrs./Ms. P. Suresh has participated

in A One Week FDP on "Quality and Productivity" organized by MBA department, held at

Priyadarshini Institute of Technology & Science, Chintalapudi,

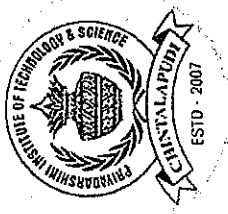
Near Tenali, Guntur-522 306, INDIA, from 27<sup>th</sup> to 31<sup>th</sup> March 2023.

  
PRINCIPAL  
PRIYADARSHINI

INSTITUTE OF TECHNOLOGY & SCIENCE  
NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.

  
Program Coordinator

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TECHNOLOGY & SCIENCE



# **PRIYADARSHINI**

## **INSTITUTE OF TECHNOLOGY AND SCIENCE**

*Chintalapudi, Near Tenali, Guntur-522 306*  
*Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.*

### ***Certificate of Participation***

This is to certify that

Dr./Mr./Mrs./Ms. M. Rakesh M. Rakesh Reddy has participated

in A One Week FDP on "Quality and Productivity" organized by MBA department, held at  
Priyadarshini Institute of Technology & Science, Chintalapudi,  
Near Tenali, Guntur-522 306, INDIA, from 27<sup>th</sup> to 31<sup>th</sup> March 2023.

  
Program Coordinator

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PRIYADARSHINI  
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# Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

Under Management of INDIRA EDUCATIONAL Society, Hyderabad.

College Code: X2, Recognized by Govt of A.P.

Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

DATE: 14/10/2022

## CIRCULAR

This is to inform the entire Staff and faculty that the department of Science and Humanities is organizing the one day Staff Training Program "Importance of MS Office in Administration" on 28<sup>th</sup> November 2022. Eminent speakers from our Group of colleges deliver grace the event.

It is mandatory for all staff to register and attend the program without fail.

Venue: Room No.: Computer Lab-2



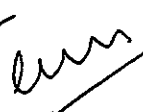


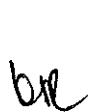


Note: The program Schedule and Broacher are enclosed.


**Co-Ordinator:** Srinivas Lella

**Department:** CSE

**Designation:** Associate Professor

Copy To:

Signature of All HOD's							
							
CIVIL	EEE	MECH	ECE	CSE	AI&DS	S&H	MBA

  
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Guntur - 522 306



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## Staff Attendance Sheet

Department : Science and Humanities

Name of the Workshop : Importance of MS Office in Administration

Date : 28/10/2022

S.No	Name of the Faculty	Dept.	28/10/2022	
			FN	AN
1	Ch. Linagaiah	office	Ch. Linagaiah	Ch. Linagaiah
2	Ch. Jhansi rani	office	Ch. Jhansi rani	Ch. Jhansi rani
3	R. Deepthi prasanna	PCB	R. Deepthi prasanna	R. Deepthi prasanna
4	O. G. oneeth	IT-D	O. G. oneeth	O. G. oneeth
5	Ch. Sreenivasulu	OFFICE	Ch. Sreenivasulu	Ch. Sreenivasulu
6	T. S. V. N. Malikhaitama Rew	OFFICE	T. S. V. N. Malikhaitama Rew	T. S. V. N. Malikhaitama Rew
7	P. Nagaraju	office	P. Nagaraju	P. Nagaraju
8	V. Srinani	office	V. Srinani	V. Srinani
9	K. Radha	office	K. Radha	K. Radha
10	K. NAGANTANIBEXULU	office	K. NAGANTANIBEXULU	K. NAGANTANIBEXULU
11	B. krishana prasada nayak	P.D	B. krishana prasada nayak	B. krishana prasada nayak
12	Ch. Sai kishna	office	Ch. Sai kishna	Ch. Sai kishna
13	P. Srinivasa Reddy	office	P. Srinivasa Reddy	P. Srinivasa Reddy
14	A. Ranjith	office	A. Ranjith	A. Ranjith
15	V. Srinivasa Rao	office	V. Srinivasa Rao	V. Srinivasa Rao
16	S. Mohan Das	office	S. Mohan Das	S. Mohan Das
17	P. Suneel	Diploma	P. Suneel	P. Suneel
18	K. Rama	office	K. Rama	K. Rama
19	Ch. Saritha	office	Ch. Saritha	Ch. Saritha
20	J. Rakesh	office	J. Rakesh	J. Rakesh
21	Ch. Janardhan Rao	office	Ch. Janardhan Rao	Ch. Janardhan Rao
22	Ch. Moulali	office	Ch. Moulali	Ch. Moulali
23	A. Anandhu	office	A. Anandhu	A. Anandhu

*[Signature]*  
S&H HOD

**PRIYADARSHINI**  
INSTITUTE OF TECHNOLOGY & SCIENCE  
CHINTALAPUDI, TENALI - 522 306  
DEPARTMENT OF SCIENCE & HUMANITY  
College Code - X2

*[Signature]*  
Principal  
PRINCIPAL  
PRIYADARSHINI

INSTITUTE OF TECHNOLOGY & SCIENCE  
NEAR TENALI, CHINTALAPUDI,  
GUNTUR-522 306, A.P.



# Priyadarshini Institute of Technology & Science

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College Code: X2, Recognized by Govt of A.P.  
Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

DATE: 30/10/2022

One Day Staff Training Programme

“Importance of MS Office in Administration”

On November 28<sup>th</sup> - 2022

**Name of the Program:** Importance of MS Office in Administration

**Organized by:** Department of Science and Humanities

**Date:** November 28<sup>th</sup>, 2022

**Participants:** Non-Teaching Staff Members

**Chief Guest:** Dr. Vishnuvardhan, Principal PIIT (Women's)

## Objective:

The objective of the training program is to let the participants in developing their basic Computer skills. They will also learn the utilization of MS XL, MS Word documentation in their daily administration works.

## About the Training Program:

With the consent and relentless support of Kalyani Lella, HOD, Department of S&H, one day non-teaching staff training program on “Importance of MS Office in Administration” was conducted for the non-teaching members of ours and other colleges of our Priyadarshini Group.

The event began with the note of welcome followed by the presidential address by the Head of the Department, Kalyani Lella. He welcomed and motivated all the participants to make use of this one day training session for their career growth. He welcomed the guest speaker of the session for his support in sharing his Computer knowledge to make use of it by the participants in their day to day administrative works.

The Department of Science and Humanities of the college organized a One Day Non-Teaching Staff Training Programme “Importance of MS Office in Administration” for Priyadarshini Group of Colleges, on 28<sup>th</sup> November 2020.

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**Guntur - 522 306**



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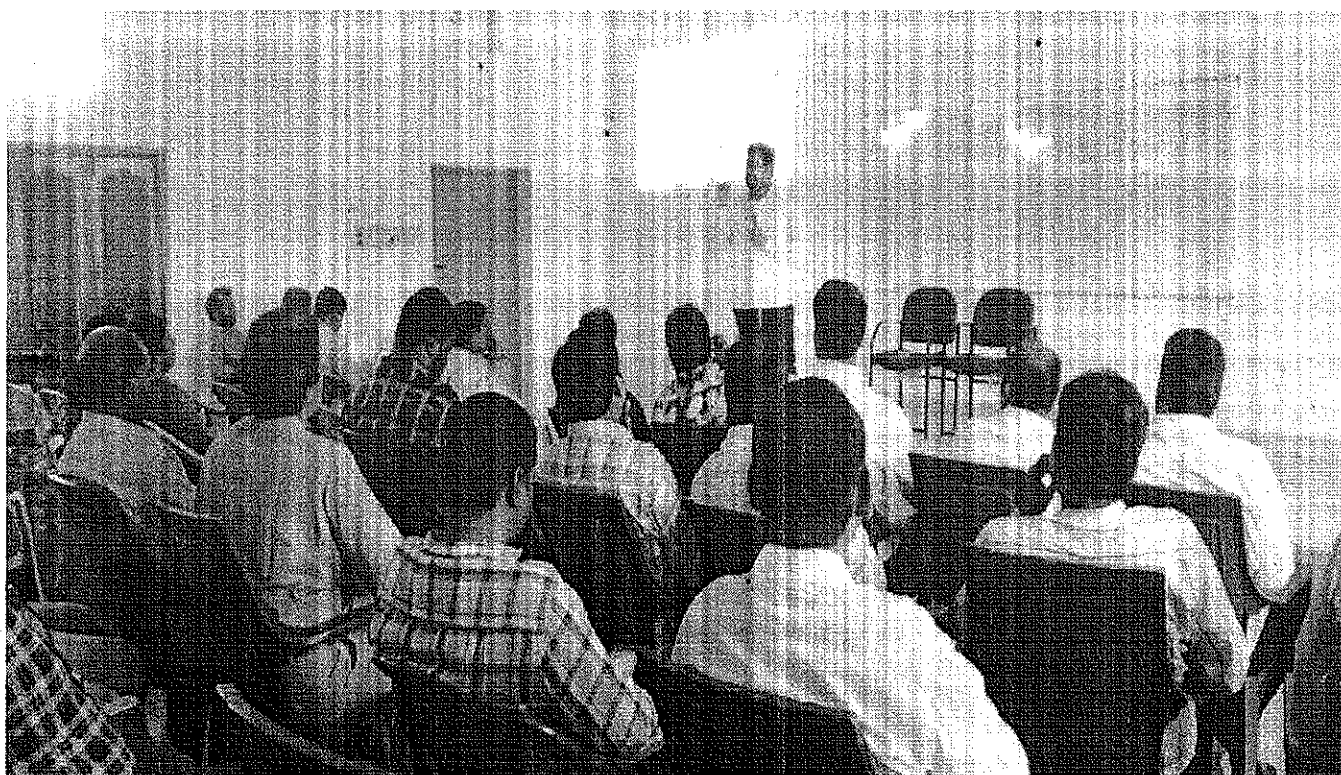
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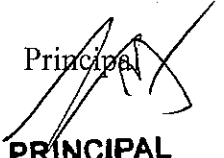
Total no. of participants: 22

Workshop Convener: Dr Kalyani Lella, HOD/S&H

Staff Co-Ordinator: Amarendhra



  
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**DEPARTMENT OF SCIENCE & HUMANITY**  
**College Code - X2**

Principal  
  
**PRINCIPAL**  
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**NEAR TENALI, CHINTALAPUDI,**  
**GUNTUR-522 306, A.P.**



# Priyadarshini Institute of Technology & Science

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**Inaugural Session:** 9.30 a.m. – 10.30 a.m.

Principal, Prof. G. Lakshmi Narayana welcomed the chief guest and all the participants of the Workshop. The Chief Guest and resource person for the inaugural session was Dr. Vishnuvardhan, Principal PIIT (Women's)

Dr Kalyani Lella, Head, Dept of Science and Humanities, gave a brief account of the objectives and outlined the details of the One-day Staff Training Programme.

Dr. Vishnuvardhan expounded the Importance of MS Office while discharging the duties in Administration. He also stated that one should know about Computer Basics in delivering an efficient administrative work. Now-a-days basic computer skills are mandatory according to the need of the job to stay relevant with the times.

## **Valedictory session-**

Dr Kalyani Lella Head, Dept of Science and Humanities read the valedictory report of the One-day Staff Training programme. The program concluded with vote of thanks.

Resource Person: Dr. Vishnuvardhan, Principal PIIT (Women's)

**Designation:** Associate Professor

**College:** Priyadarshini Institute of Technology and Sciences (Woman's)

**Contact:** 9441389884

**Topics Covered:** The session started with the Importance of MS Office in Administration of various Base map mechanisms. Further topics covered are as follows,

1. MS-Word
2. MS-Excel
3. Tally using excel

The participants were happy and satisfied as their expectation on grasping the peculiar insights in Importance of MS Office in Administration was fulfilled. The queries raised by the participants were clarified by the speaker. The participants gave commendable feedback about the event. Finally, the event was concluded by Mrs Kalyani Lella and K Sireesha with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Chairman, Secretary & Correspondent, Principal, HoD and participants.

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ME HOD

Head of the Department  
Department of Mechanical Engineering  
Priyadarshini Institute of Technology & Science  
Chintalapudi, Near Duggirala, Tenali.

**Principal**  
**PRINCIPAL**  
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**TECHNOLOGY & SCIENCE**  
**CHINTALAPUDI, Duggirala Mdl.**  
**Guntur - 522 306**

**PRIYADARSHINI INSTITUTE OF  
TECHNOLOGY & SCIENCE**

Department of MECHANICAL ENGINEERING



# *Certificate*

## *OF PARTICIPATION*

This is to certify that Mr/Ms..... *V. Sarajini*..... has participated in  
*ONE DAY STAFF DEVELOPMENT PROGRAM* on "Soft Skills & Industry Awareness", Organized by Department of  
Mechanical Engineering held on December 27<sup>th</sup> – 2018 in Priyadarshini Institute of Technology & Science Chintalapudi, Tenali,  
Guntur District, AP.

Mechanical Engineering HOD  
Head of the Department  
Department of Mechanical Engineering  
Priyadarshini Institute of Technology & Science  
Chintalapudi, Near Duggirala, Tenali,

Principal  
PRIYADARSHINI INSTITUTE OF  
TECHNOLOGY & SCIENCE  
CHINTALAPUDI, Duggirala Mdl.  
Guntur - 522 306

**PRIYADARSHINI INSTITUTE OF  
TECHNOLOGY & SCIENCE**

Department of MECHANICAL ENGINEERING



# *Certificate*

## *OF PARTICIPATION*

This is to certify that Mr/Ms..... *A. Amarendra*..... has participated in  
*ONE DAY STAFF DEVELOPMENT PROGRAMM* on "Soft Skills & Industry Awareness", Organized by Department of  
Mechanical Engineering held on December 27<sup>th</sup> – 2018 in Priyadarshini Institute of Technology & Science Chintalapudi, Tenali,  
Guntur District, AP.

Mechanical Engineering HOD  
Head of the Department  
Department of Mechanical Engineering & Science  
Priyadarshini Institute of Technology & Science  
Chintalapudi, Near Duggirala, Tenali.

~~Principal~~ Principal  
PRIYADARSHINI INSTITUTE OF  
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CHINTALAPUDI, Duggirala Mdl.  
Guntur - 522 306

**PRIYADARSHINI INSTITUTE OF  
TECHNOLOGY & SCIENCE**

Department of MECHANICAL ENGINEERING



# *Certificate*

## *OF PARTICIPATION*

This is to certify that Mr/Ms..... **CH. Jhansi ram**..... has participated in  
*ONE DAY STAFF DEVELOPMENT PROGRAMM* on "Soft Skills & Industry Awareness", Organized by Department of  
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Guntur District, AP.

Mechanical Engineering HOD

Head of the Department  
Department of Mechanical Engineering  
Priyadarshini Institute of Technology & Science  
Chintalapudi, Near Duggirata, Tenali

Principal

~~Principal~~

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Guntur - 522 306