

Priyadarshini Institute of Technology & Science

Chintalapudi, Near TenaliGuntur-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/ATPs during last 5 years
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6.3.3(7) Brochures and Program Reports of Organized FDPs for Teachers & ATPs for Non-Teaching Participations during

A.Y: 2018-19, 2019-20, 2020-21, 2021-22 and 2022-23



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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>


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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

Mobile:.....

email:

last date of registration

18th Sept. 2022


PRINCIPAL
PRIYADARSHINI

INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR 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

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

tadivakavishnu2019@gmail.com,

6302883006

ADDRESS FOR COMMUNICATION:

Mrs. Mallaprolu Sravani

Coordinator

E-mail-ID:

sravanimallaprolu32@gmail.com

8688342428



Priyadarshini Institute of Technology & Science

Under Management of *INDIRA EDUCATIONAL Societ*

Hyderabad. College Code: X2,

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A One Week Certificate Program on

“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 Programmers, 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.



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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, 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

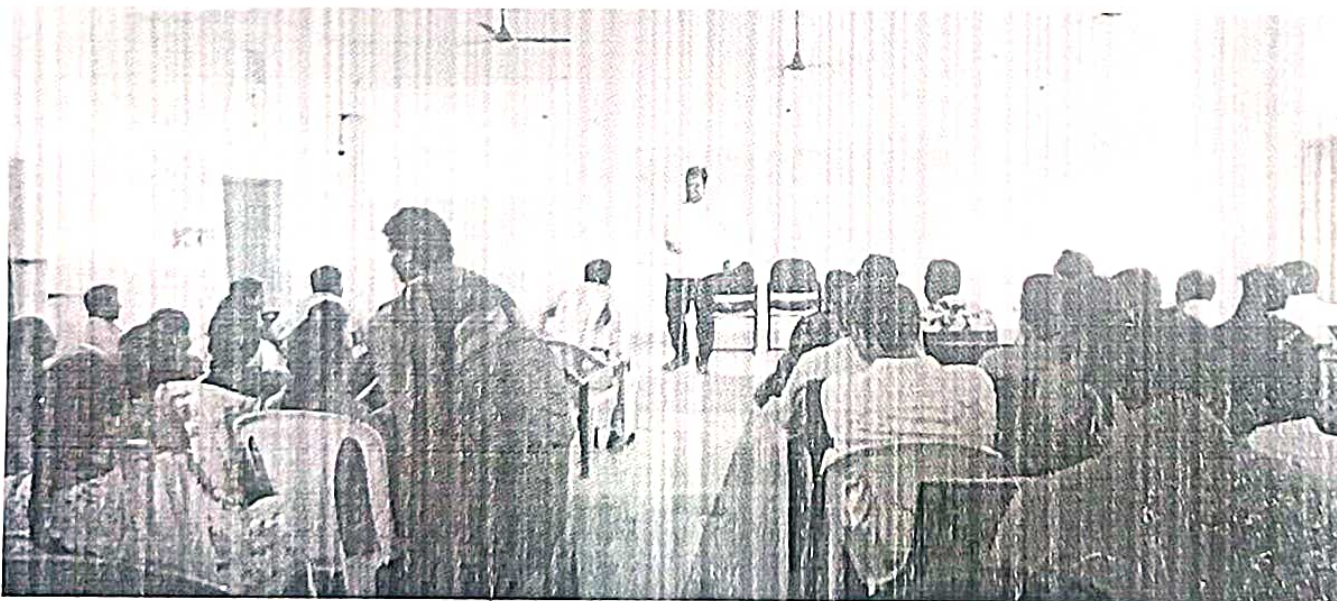
1. Converter model designs.
2. Testing's

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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GUNTUR-522 306, A.P.

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

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Mobile:.....

email:

last date of registration

20th oct 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

SK. Sahir

HOD, ECE

COORDINATOR

Ms B.Swapnika

Asst. Professor, DEPT. of ECE

Resource Person:

Mr.A.Gangadhar

Assoc. Professor,

DEPT. of ECE

University College of Engineering

gangadharakurathi@gmail.com

9885796156

ADDRESS FOR COMMUNICATION:

Ms B.Swapnika

Coordinator

Email ID:

swapnikabhaviri@gmail.com

Contact number: 8317553002



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**A One Week Certificate Program
on**

“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

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- 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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NEAR TENALI, CHINTALAPUDI,
GUNTUR 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, IEI, 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



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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
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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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)

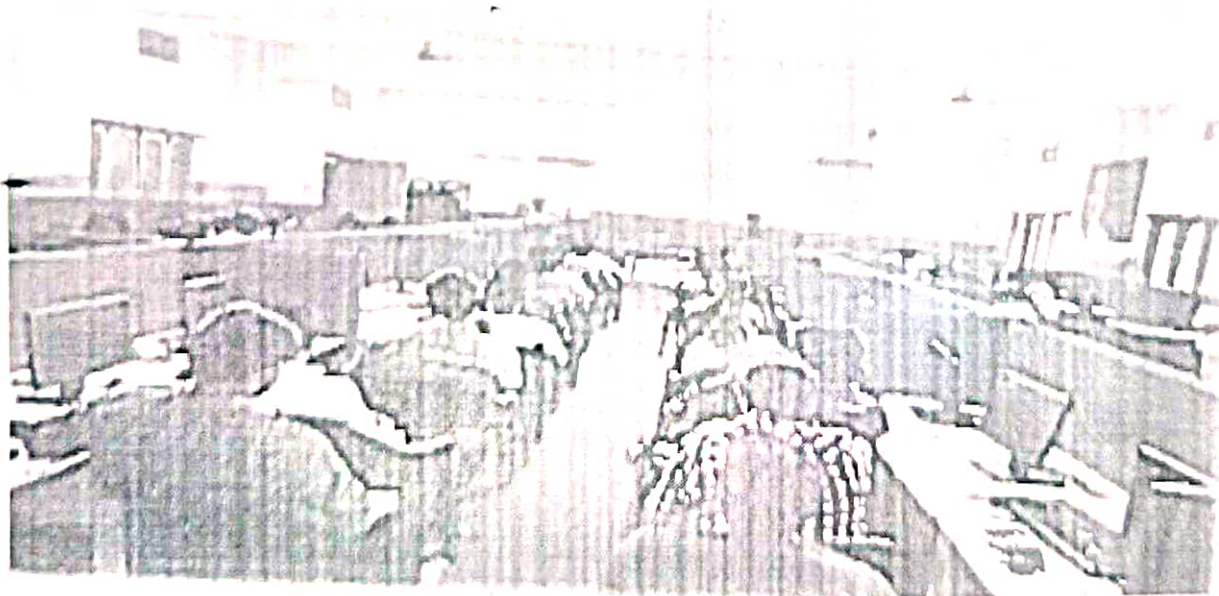
Day-5: Session on the tool CST MICROWAVE STUDIO few installation errors were solved and use of tool in research perspective was explained.

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

HOD

Department of ECE

Priyadarshini Institute of Technology & Science

CHINTALAPUDI - 522 306

Near Tenali, Guntur (Dist.)

Principal

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PRIYADARSHINI

INSTITUTE OF TECHNOLOGY & SCIENCE

NEAR TENALI, CHINTALAPUDI

GUNTUR - 522 306

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

Mobile:.....

email:

last date of registration

21st Nov 2022

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INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR 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

Mr. CH. Delhi Police

HOD, CSE

COORDINATOR

Mrs K. SWARUPA RANI

Asst. Professor, DEPT. of CSE

Resource Person:

Mrs. G. Sivanaga Mallęswari

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



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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

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- 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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GUNTUR-522 303.

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, IEI, 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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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, 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

PRINCIPAL
PRIYADARSHINI
INSTITUTE OF TECHNOLOGY & SCIENCE
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, Recognised by Govt of A.P.

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The participants were happy and satisfied as their expectation on grasping the peculiar insights Java programming and Data Structures. 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. K. Ram Babu and Mrs. A. Bhulakshmi 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.

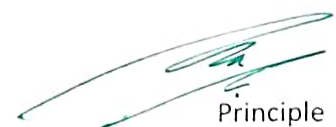
Total no. of participants: 49

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

Faculty Coordinators: Mr. K. Ram Babu, Mrs. A. Bhulakshmi




CSE HoD
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DEPARTMENT OF SCIENCE & TECHNOLOGY
College Code - X2


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GUNTUR-522 306, A.P.

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:
.....
.....

Mobile:.....

email:

last date of registration

31st Mar. 2023

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CHINTUR-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

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.

Kethanakonda, Vijayawada

yuvrajun29@gmail.com

9441389898

ADDRESS FOR COMMUNICATION:

Mr SK Mohammad Rafi

Coordinator

Email ID: rafisk3034@gmail.com

Contact number: 9963828387



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**A One Week Certificate Program
on**

“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

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 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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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: 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, 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

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

Faculty Coordinators: Mohammad Rafi SK, Associate Professor




MBA HOD


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DATE: 30/10/2022

One Day Staff Training Programme

“Importance of MS Office in Administration”

On November 28th - 2022

Name of the Program: Importance of MS Office in Administration

Organized by: Department of Science and Humanities

Date: November 28th, 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 28th November 2020.


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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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Total no. of participants: 22

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

Staff Co-Ordinator: Amarendhra




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INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI, TENALI - 522 306
DEPARTMENT OF SCIENCE & HUMANITY
College Code - 123

Principal 
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List of Professional Development Programs Organized During-A.Y:2021-22

Sno	Name of the Program	Date	No of Participants
1	RECENT TRENDS IN GEOTECHNICAL ENGINEERNG.	20/9/21 to 25/9/21	43
2	FINITE ELEMENT METHODS	21 th FEB to 26 th FEB 2022	45
3	Time Management Training 15 th December 2021	15 th December 2021	15


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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

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Mobile:.....

email:

last date of registration

19th Sept. 2021

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PRIYADARSHINI
INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR 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

Mr. K. Kiran Kumar

HOD, Dept. of Civil Engg.

COORDINATOR

Bolagani Venkata Srinivasarao

Asst. Professor, Dept. of CE

Resource Person:

CH. Durga Rao

Assoc. Professor & HEAD
VNR COLLEGE OF ENGINEERING,

Ponnur

durgaraoch5@gmail.com,

7989311617

ADDRESS FOR COMMUNICATION:

Bolagani Venkata Srinivasarao

Coordinator

Email ID:

royalsrinu.b123@gmail.com

9603415089



Priyadarshini Institute of Technology & Science

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**A One Week Certificate Program
on**

**“RECENT TRENDS IN
GEO-TECHNICAL ENGINEERING”**

Dates:

20th Sept. to 25th Sept. 2021

Organized by:

**Priyadarshini institute of Technology
& Science**

Venue:

Seminar Hall

**Priyadarshini Institute of Technology
& Science**

College Code:GK

Society: DON BOSCO 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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Objectives of the Programme

- The objective of the course is to let the participants be introduced to the “Engineering management strategies for sustainable development”.
- They will also learn the benefits and limitation of Advances in Concrete Technology, features of Concrete Technology, Concrete Technology, Special concretes for fast track construction projects, Special concretes for fast track construction projects.

About The Department

This era of civil engineering technological changes are very fast this changing world needs innovative ideas along with basic skills and knowledge of civil engineering in the passion to change the world in future to see the advanced civilization we need the basic weapons are required Priyadarshini collage of engineering providing advanced knowledge in civil engineering and qualified experienced faculties and advanced equipment with well facilities.

Civil engineering is the very basic branch of engineering and said to be the mother of all other engineering branches came up only after it. Now, it comprises of different sub-branches such, Structural Engineering, Transportation Engineering, etc. Civil engineers provide the technical expertise and management skills to plan, design, construct and maintain facilities such as buildings, bridges, road, rail, airports and harbors. Graduates find employment in the infrastructure industries as planners, consulting engineers and project manager, site managers and project engineers. Civil engineering department started in 2007. The intake started from 120 and now it is 120.

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 “Engineering management strategies for sustainable development” 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. K. Kiran Kumar. He welcomed and motivated all the participants to make use of this the six days session for their career growth. He welcomed the guest speaker to share his knowledge in “Engineering management strategies for sustainable development” of Civil Engineering.

Topics to be covered

- Project management with a social consciousness.
- Sustainable and closed-loop supply chain management.
- Design for the Environment (eco-design) and Cradle-to-Cradle (C2C) efforts.
- Ecological modernization at the social and organizational level; the role of social innovation in response to regulatory policy.
- Training and integration of engineers and staff on sustainability and social responsibility and ethics topics.
- Integrating sustainability and triple-bottom-line life-cycle analysis into organizational projects.
- Management of corporate social responsibility systems (eg. environmental, safety, health and management systems such as ISO 14000 & ISO 26000)



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DATE: 27/09/21

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on “Recent trends in geotechnical engineering”

Organized by: Department of Civil Engineering

Date: 20/09/21 to 25/09/21

Participants: Faculty Members

Resource Person: CH. Durga Ra, ASSOCIATE PROFESSOR & HOD,
VNR COLLEGE OF ENGINEERING, Ponnur
durgaraoch5@gmail.com, 7989311617

Objective:

The objective of the course is to let the participants be introduced to the “Recent trends in geotechnical engineering”. They will also learn the benefits and limitation of Advances in geo technical engineering and its features, smart soils, computer modeling, earthquake engineering etc.

About the FDP:

With the consent and relentless support of Kiran Kumar K, HOD, Department of CE, the six days Faculty Development Programme on “Recent trends in geotechnical engineering” 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, Kiran Kumar K. He welcomed and motivated all the participants to make use of this the six days session for their career growth. He welcomed the resource person Day-1 session for his support in sharing his knowledge to make use of it by the participants in the basics of “Recent trends in geotechnical engineering”

Report for six days

The above mentioned topics were completed as per the FDP Schedule. The participants were happy and satisfied as their expectation on grasping the peculiar insights in “Recent trends in geotechnical engineering” 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 Mr. K. Kiran Kumar and Mrs. Lakshmi with thanks to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HoD and participants.


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Total no. of participants: 43

FDP Convener: K. Kiran Kumar, HoD

Department: Civil Engineering

Faculty Coordinators: Kiran Kumar, K, Lakshmi



CE HoD

Head of the Department
Department of Civil Engineering
Priyadarshini Institute of Technology & Science
CHINTALAPUDI - 522 306

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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

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Mobile:.....

email:

last date of registration

10 th FEB 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. K.LALITHA BABU

HOD, ME

COORDINATOR

Mr. U.MAHESH

Asst. Professor, DEPT. of ME

Resource Person:

Mr..D.VENKANTRA RAO

Professor,

DEPT. of MECH

KHIT, GUNTUR

dvenkatarao@gmail.com

8919862608

ADDRESS FOR COMMUNICATION:

Mr. U.MAHESH

Coordinator

Email ID:

uppalamahesh@gmail.com

Contact number: 7013564889



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A One Week Certificate Program

on

"FINITE ELEMENTS METHODS"

Dates:

21th FEB to 26th FEB 2022

Organized by:

Priyadarshini institute of Technology
& Science

Venue:

Room No.207

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

About The Department

The Mechanical engineering is one of the core engineering departments, which has potential to accommodate all efficient engineers. The Mechanical engineers serve all other branches of engineering directly or indirectly. The Mechanical engineers can find their place in Automobile engineering sector, Electrical Engineering sector, IT sector, manufacturing industries, design industries, Military, Naval and Air force, defence research organizations, material research organizations etc. The Mechanical Engineering department of the college has been established in the year 2008 with an intake of 60 students.

The department has fourteen well equipped laboratories and highly qualified and experienced teaching faculty members. There are four associate professors and seven are assistant professors. two faculty members are doctorates. The remaining faculty members are all M. Tech degree holders and seven of them are pursuing Ph.D. Many of the faculty members have publications in reputed international and National journals.

Objectives of the Programme

- To learn basic principles of Variational methods
- To learn the principles of Weighted residual methods
- To understand the basic procedure of finite element method
- To learn finite element modeling of two dimensional analysis
- To learn the finite modeling using high order and isoparametric elements

About The Programme:

With the consent and relentless support of Dr.K. LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Program on “ADDITIVE MANUFACTURING” 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 K.LALITHA BABU. He welcomed and motivated all the participants to make use of this the five days session for their career growth.

Topics to be covered

- Learn basic principles of variational methods
- Learn the principles of Weighted residual methods.
- Understand the basic procedure of finite element method
- Learn finite element modeling of two dimensional analysis
- Learn the finite modeling using high order and isoparametric elements



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DATE: 03/03/2022

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on "*FINITE ELEMENT METHOD*"

Organized by: MECHANICAL DEPARTMENT

Date: 21/02/2022 to 26/02/2022

Participants: Faculty Members

Resource person: Mr.D.VENKANT RAO , M.Tech, Ph.D

Professor, DEPT. of MECH

dvenkatarao@gmail.com, 8919862608

Objective:

The objective of the course is to let the participants be introduced to the understand basic concepts of finite element method. They will also learn the variation methods-principles-establishment of natural variation principles.

About the FDP:

With the consent and relentless support of Dr. K. LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Programme on "FINITE ELEMENT METHODS" 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 K.LALITHA 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 knowledge to make use of it by the participants in the Research area of finite element methods

Report for five days

Day-1:

Topics Covered: The session started with the basic concepts of Introduction to finite element method

- Introduction to finite element method
- variation methods-principles-establishment of natural variation principles


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- Concept of Rayleigh-Ritz method
- least squares method

Day-2:

Topics Covered: Concept of Ultrasonic machining process

- Discretization of domain, element shapes
- Discretization procedures, assembly of stiffness matrix, band width, node numbering, mesh generation,
- Interpolation functions, local and global coordinates, convergence requirements
- Treatment of boundary conditions

Day-3:

Topics Covered: The session started with the basic explanation of Concept of cmp grinding and honing

- Weighted residual methods, Galerkins method,
- Weighted residual forms, piecewise trail functions, weak formulation,
- Solving differential equations using weighted residual methods,
- Concept of one-dimensional problems.

Day-4:

Topics Covered: The session started with the basics of General principle and applications of electric discharge machining

- Finite element modeling of two dimensional analysis
- Treatment of boundary conditions
- Finite element modeling of four node rectangular element.

Day-5:

Topics Covered: The session started with the

- Higher order and iso-parametric elements:
- One dimensional, quadratic and cubic elements in natural coordinates,
- Two dimensional four node iso-parametric elements and numerical integration

The participants were happy and satisfied as their expectation on grasping the peculiar insights in "un conventional machining process". 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.

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With a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HoD and participants.

Total no. of participants: 45

FDP Convener: Dr.K.LALITHA BABU,

Designation: HoD

Faculty Coordinators: Mrs. Koteswara Ra

Designation: Asst. Professor




ME HoD

Dr. K. LALITHA BABU, M.Tech, Ph.D.
H.O.D.
Associate Professor
Department of Mechanical Engineering
Priyadarshini Institute of Technology & Science
Chintalapudi, Near Duggirala, Tenali


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DATE: 22/12/2021

One Day Staff Training Programme

“Time Management Training”

On December 20th - 2021

Name of the Program: “Time Management Training”

Organized by: Department of Science & Humanities

Date: December 20th, 2021

Participants: 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 Science & Humanities, one day staff training program on “Time Management Training” was conducted for the Staff 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 Time Management knowledge to make use of it by the participants in their day to day administrative works.

The Department of Science & Humanities of the college organized a One Day Staff Training Programme “Time Management Training” for Priyadarshini Group of Colleges, on 20th December 2021.

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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 Time Management Skills while discharging the duties in Administration. He also stated that one should know about Time Management in delivering an efficient administrative work. Now-a-days basic management 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

Total no. of participants: 15

Workshop Convener: Kalyani Lella HOD/S&H

Staff Coordinator: Ramesh Babu B


S&H HOD

Principal

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CHINTALAPUDI, TENALI - 522 306
DEPARTMENT OF SCIENCE & HUMANITY
College Code - X2



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Wys
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Principal

[Signature]
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List of Professional Development Programs Organized During-A.Y:2020-21

Sno	Name of the Program	Date	No of Participants
1	Engineering management Strategies for Sustainable development	22/2/21 to 27/2/21	<u>41</u>
2	Electric Hybrid Vehicle	01-03-2021 to 05-03-2021	<u>23</u>
3	Additive Manufacturing	14 th Nov to 18 th Nov 2020	<u>25</u>
4	Implementation of Data Structures in Java Programming	14 th DEC to 19 th DEC 2020	<u>49</u>
5	Workplace conflict management and resolution	4 th November 2020	<u>20</u>


Principal
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REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

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Mobile:.....

email:

last date of registration

21st Feb. 2021


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Resource Person:
CH. Durga Rao
Asst. Professor & HEAD
COLLEGE OF ENGINEERING,
Ponnur
durgaraoch5@gmail.com,
7989311617



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. K. Kiran Kumar

HOD, Dept. of Civil Engg.

COORDINATOR

Bolagani Venkata Srinivasarao

Asst. Professor, Dept. of CE

ADDRESS FOR COMMUNICATION:

Bolagani Venkata Srinivasarao

Coordinator

Email ID:

royalsrinu.b123@gmail.com

9603415089



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A One Week Certificate Program on

**“ENGINEERING MANAGEMENT
STRATEGIES FOR SUSTAINABLE
DEVELOPMENT”**

Dates:

22/02/2021 to 27/02/2021

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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Objectives of the Programme

- The objective of the course is to let the participants be introduced to the “Engineering management strategies for sustainable development”.
- They will also learn the benefits and limitation of Advances in Concrete Technology, features of Concrete Technology, Concrete Technology, Special concretes for fast track construction projects, Special concretes for fast track construction projects.

About The Department

This era of civil engineering technological changes are very fast this changing world needs innovative ideas along with basic skills and knowledge of civil engineering in the passion to change the world in future to see the advanced civilization we need the basic weapons are required Priyadarshini collage of engineering providing advanced knowledge in civil engineering and qualified experienced faculties and advanced equipment with well facilities.

Civil engineering is the very basic branch of engineering and said to be the mother of all other engineering branches came up only after it. Now, it is comprises of different sub-branches such, Structural Engineering, Transportation Engineering, etc. Civil engineers provide the technical expertise and management skills to plan, design, construct and maintain facilities such as buildings, bridges, road, rail, airports and harbors. Graduates find employment in the infrastructure industries as planners, consulting engineers and project manager, site managers and project engineers. Civil engineering department started in 2007. The intake started from 120 and now it is 120.

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 “Engineering management strategies for sustainable development” 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. K. Kiran Kumar. He welcomed and motivated all the participants to make use of this the six days session for their career growth. He welcomed the guest speaker to share his knowledge in “Engineering management strategies for sustainable development” of Civil Engineering.

Topics to be covered

- Project management with a social consciousness.
- Sustainable and closed-loop supply chain management.
- Design for the Environment (eco-design) and Cradle-to-Cradle (C2C) efforts.
- Ecological modernization at the social and organizational level; the role of social innovation in response to regulatory policy.
- Training and integration of engineers and staff on sustainability and social responsibility and ethics topics.
- Integrating sustainability and triple-bottom-line life-cycle analysis into organizational projects.
- Management of corporate social responsibility systems (eg. environmental, safety, health and management systems such as ISO 14000 & ISO 26000)



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DATE: 02/03/21

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on “Engineering management strategies for sustainable development”

Organized by: Department of Civil Engineering

Date: 22/02/21 to 27/02/21

Participants: Faculty Members

Resource Person: CH. Durga Ra, ASSOCIATE PROFESSOR & HOD,
VNR COLLEGE OF ENGINEERING, Ponnur
durgaraoch5@gmail.com, 7989311617

Objective:

The objective of the course is to let the participants be introduced to the “Engineering management strategies for sustainable development”. They will also learn the benefits and limitation of Advances in Concrete Technology, features of Concrete Technology, Concrete Technology, Special concretes for fast track construction projects, Special concretes for fast track construction projects.

About the FDP:

With the consent and relentless support of Kiran Kumar K, HOD, Department of CE, the five days Faculty Development Programme on “Engineering management strategies for sustainable development” 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, Kiran Kumar K. 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 “Advances in Concrete Technology”

Report for five days

Day-1: Sustainability and sustainable development

Topics Covered: The session started with the basic definition of Sustainability and sustainable development.

Further topics covered as follows,

1. Sustainability and sustainable development of Various techniques and materials
2. The construction industry can use to become more environmental friendly
3. Alkali activated concrete systems


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Day-2: Various methods to evaluate in place concrete strength like core testing, rebound hammer etc

Topics Covered:

The session started with the basic components of Various methods to evaluate in place concrete strength like core testing, rebound hammer etc .Further topics covered are as follows,

1. Flaw detection in concrete like ultrasonic pulse velocity
2. Impulse echo method, pile integrity method, etc
3. Sustainable development: What this meant for Engineers

Day-3: Information on methods of corrosion measurement and Cover meter techniques

Topics Covered:

The session started with the basic explanation of Information on methods of corrosion measurement and Cover meter techniques. Further topics covered are as follows,

1. Necessity of passivation in concrete. Causes of concrete deterioration.
2. Demonstrated some of the techniques corrosion measurement and Cover meter
3. Knowledge on the pros and cons of various Geopolymer composites.

Day-4: New generation materials in concrete mix design-methods and codes of practice

Topics Covered:

The session started with the basics of new generation materials in concrete mix design-methods and codes of practice. Further topics covered are as follows,

1. Basic concepts in concrete mix design and how to design a mix.
2. Engineered cementations concrete material and its effects on the response of different structures to cyclic and wind loading
3. Various repair and retrofitting techniques used in structures as well as non-destructive testing methods.

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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The participants were happy and satisfied as their expectation on grasping the peculiar insights in "Engineering management strategies for sustainable development" 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 Mr. K. Kiran Kumar and Mrs. Lakshmi 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: 41

FDP Convener: K. Kiran Kumar, HoD

Department: Civil Engineering

Faculty Coordinators: Kiran Kumar. K, Lakshmi



CE HoD

Head of the Department
Department of Civil Engineering
Priyadarshini Institute of Technology & Science
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Name:.....

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Institution:.....

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email:

last date of registration

1st Mar. 2021


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PROGRAM COMMITTEE:

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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

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
on**

**“ELECTRIC
HYBRIDVEHICLE”**

Dates:

01-03-2021 to 05-03-2021

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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GUNTUR-522 306 A

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 Programmers, 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 "GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING" 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 "GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING" of Electrical and Electronics Engineering.

Objectives of the Programme

- The objective of the course is to let the participants Gain knowledge on Power Electronic converters, Renewable Energy system and Grid connected PV system.
- They will also learn the benefits and limitation of Develop Power electronic converters for various Renewable Energy System. Train students by conducting hands-on sessions on design of converters and hybrid system and make students industry ready.

Topics to be covered

- Green architecture
- Recycled plastic road surfacing
- Waste-water electricity generator



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DATE: 15/03/2021

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on "ELECTRIC HYBRID VEHICLE".

Organized by: Department of Electrical and Electronics Engineering

Date : 01-03-2021 to 05-03-2021

Participants: Faculty Members

Resource Persons: Dr. T Raghavendra Vishnu, Associate Professor
Principal, PITW, Chintalapudi, Tenali, Guntur
tadivakavishnu2019@gmail.com, 6302883006

Objective:

There are many HEV configurations and design options that can be grouped in three categories: series (range-extending HEVs), parallel (power assist HEVs), and dual-mode HEVs.

The ultimate goal of the hybrid electric vehicle is to provide the equivalent power, range, cost and safety of a conventional vehicle while reducing fuel costs and harmful emissions. At present a HEV is able to operate nearly twice as efficiently as traditional internal combustion vehicles.

About the FDP:

The main objective of this five days online faculty development programme (FDP) is to discuss the Acquire knowledge in hybrid electric vehicle technology. Motivates the faculty members to enhance research work in this area. Idealize different solutions to solve the same problem and evaluate (justifying) which one is the best with respect to its design quality. The programme also promotes a basic understanding of alternative fuel and HEV vehicle technology. 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 was conducted for the Faculty Members of ours and electric vehicle technology 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-I session for his support in sharing his knowledge to make use of it by the participants in the Research area HEV

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Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

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

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Report for five days

Day-1: IC Engine vehicles Vs Battery / Hybrid Electric vehicles and Types of EVs – HEVs , BEVs , FCEVs and EV simulation-based developments.

Topics Covered: The session started with the various IC Engine vehicles Vs Battery / Hybrid Electric vehicles and Types of EVs – HEVs, BEVs, FCE vs and EV simulation-based developments. Further topics covered as follows,

1. Reason for The Shift To Clean Mobility
2. Energy conversions in vehicle
3. Subsystems of vehicles
- 4 Hybrid Electric vehicles

Day-2: explained the Power electronics converter topologies and emobility and implementation. The participants have gained the practical knowledge on the following concepts.


Topics Covered: The session started with the basic Power electronics converter topologies and emobility and implementation. The participants have gained the practical knowledge on the following concepts. topics covered are as follows,

- 1.Converter and inverter topologies and control
2. EV motor drive
- 3.MLI based Induction motor drive
- 4 Different configuration of topologies

Day-3: explained Design of switched reluctance motor for electric vehicles.

Topics Covered:The session started with the basic explanation of switched reluctance motor for electric vehicles.. Further topics covered are as follows,

1. Electromagnetic analysis for SRM
2. Lamination material selection
3. Design using magnet software


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Day-4: Power Electronic components for EV.

Topics Covered: The session started with the basics Power of Electronic components for EV. Further topics covered are as follows,

Critical components of EV Power conversion unit.

1. Driver circuit design
2. Protection circuits
3. PWM and dead time
4. SiC Mosfet and IGBT

Day-5: , has delivered a hands lecture of mat lab simulation of Controls of various multilevel inverters for EV.

Topics Covered: The has delivered a hands lecture of mat lab simulation of Controls of various multilevel inverters for EV. Further topics covered are as follows,

1. Space vector PWM techniques SVPWM for Multilevel invert
2. Selection of vector
3. Dwell time calculations
4. Switching states

The participants were happy and satisfied as their expectation on grasping the peculiar insights in "ELECTRIC HYBRID VEHICLE".

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 J.VANAJA and Mrs. B. Hemalatha 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.


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Total no. of participants: 23

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

Faculty Coordinators: Mrs. B.Hemalatha, Mr.G. Ravikumar



Department of EEE
Priyadarshini Institute
Technology & Science
CHINTALAPUDI - 522 306
Near Tenali, Guntur

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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....


Address for Communication:
.....
.....
.....

Mobile:.....

email:

last date of registration

12TH NOV 2020


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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. K.LALITHA BABU

HOD, ME

COORDINATOR

Mr. VANIL KUMAR

Asst. Professor, DEPT. of ME

Resource Person:

Mr.L.RASIDHAR

Assoc. Professor,

DEPT. of MECH

GEC, GUNTUR

Rasidhar39@gmail.com

9951833339

ADDRESS FOR COMMUNICATION:

Mr. V.ANIL KUMAR

Coordinator

Email ID:

valaparlaanil@gmail.com

Contact number: 9052274428



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A One Week Certificate Program

on

"ADDITIVE MANUFACTURING"

Dates:

14th Nov to 18th Nov 2020

Organized by:

Priyadarshini institute of Technology

& Science

Venue:

Room No.207

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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AP

About The Department

The Mechanical engineering is one of the core engineering departments, which has potential to accommodate all efficient engineers. The Mechanical engineers serve all other branches of engineering directly or indirectly. The Mechanical engineers can find their place in Automobile engineering sector, Electrical Engineering sector, IT sector, manufacturing industries, design industries, Military, Naval and Air force, defence research organizations, material research organizations etc. The Mechanical Engineering department of the college has been established in the year 2008 with an intake of 60 students.

The department has fourteen well equipped laboratories and highly qualified and experienced teaching faculty members. There are four associate professors and seven are assistant professors. two faculty members are doctorates. The remaining faculty members are all M. Tech degree holders and seven of them are pursuing Ph.D. Many of the faculty members have publications in reputed International and National journals.

Topics to be covered

- Understand the principles of prototyping, classification of RP processes and liquid-based RP systems.
- Understand and apply different types of solid-based RP systems.
- Apply powder-based RP systems.
- Analyze and apply various rapid tooling techniques.
- Understand different types of data formats and explore the applications of AM processes in various fields

About The Programme:

With the consent and relentless support of Dr.K. LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Program on "ADDITIVE MANUFACTURING" 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 K.LALITHA BABU. He welcomed and motivated all the participants to make use of this the five days session for their career growth.

Objectives of the Programme

- To understand the principles of prototyping, classification of RP processes and liquid-based RP systems
- To understand and apply different types of solid-based RP systems.
- To understand and apply powder-based RP systems.
- To understand and apply various rapid tooling techniques.
- To understand different types of data formats and to explore the applications of AM processes in various fields



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

DATE: 23/11/2020

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on "*ADDITIVE MANUFACTURING*"

Organized by: MECHANICAL DEPARTMENT

Date: 14/11/2020 TO 19/11/2020

Participants: Faculty Members

Resource person: Mr.L.RASIDHAR, Assoc. Professor
DEPT. of ME, GEC, GUNTUR
Rasidhar39@gmail.com, 9951833339

Objective:

To understand the principles of proto type, classifications of rapid proto typing processes and liquid based RP systems. Apply different types solid based RP system, apply powder based RP system. Different types of data formats and to explore the applications of additive manufacturing processes.

About the FDP:

With the consent and relentless support of Dr.K.LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Program on "*ADDITIVE MANUFACTURING*" 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 K.LALITHA 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 knowledge to make use of it by the participants in the Research area of "*ADDITIVE MANUFACTURING*"

Report for five days

Day-1:

Topics Covered: The session started with the basic concepts of modern machining process. Further topics covered as follows,


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1. Proto typing fundamentals, historical development
2. Fundamentals of rapid proto typing
3. Classifications of rapid proto typing processes
4. Concept of applications ,advantages and dis advantages

Day-2:

Topics Covered: The session started with the basic concept of

1. Stereo lithography
2. Specifications,process,working principle
3. Photo polymers, photo polymerization
4. Layering technology, laser and laser scanning

Day-3:

Topics Covered:

1. Solid ground curing
2. Specifications, process, working principle
3. Preparation of photo sensitive mask
4. Concept of applications ,advantages and dis- advantage

Day-4:

Topics Covered:

1. Laminated object manufacturing
2. Specifications, process, working principle
3. Concept of applications, advantages and dis advantage

The participants were happy and satisfied as their expectation on grasping the peculiar insights in "un conventional machining process". 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. U Mahesh with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, principal, HoD and participants.

Total no. of participants: 25

FDP Convener: Dr.K.LALITHA BABU,

Designation: HoD

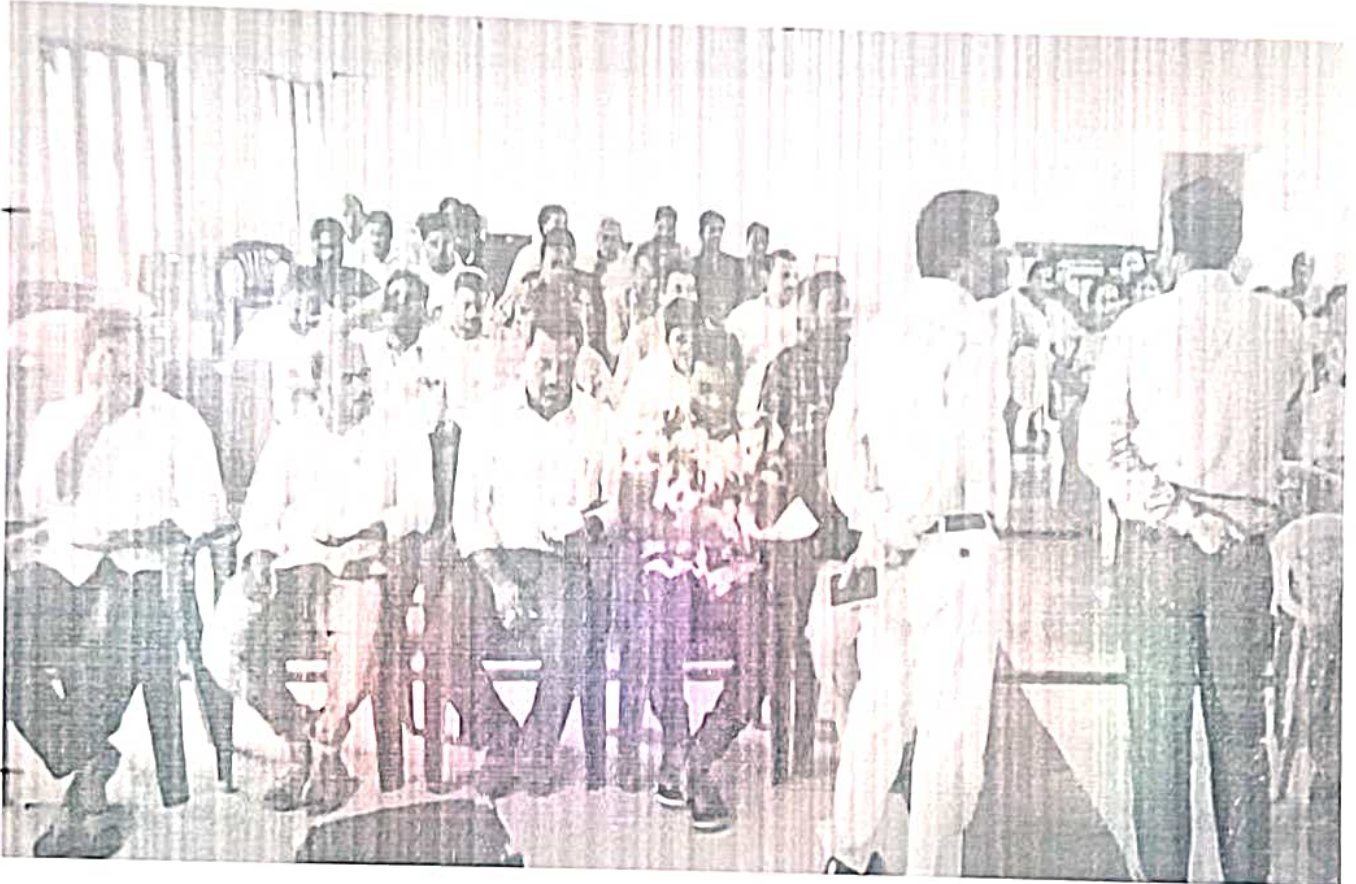
Faculty Coordinators: Mr. U Mahesh, Asst. Professor

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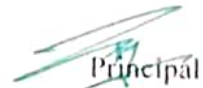
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ME HoD

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


Principal

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REGISTRATION FORM

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

last date of registration

14th Dec. 2020

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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:

MR. A. NARESH

Assoc. Professor,
DEPT. of CSE

Email ID: alapatinaresh13@gmail.com

Contact number: 9966135989

ADDRESS FOR COMMUNICATION:

Mrs K. SWARUPA RANI

Coordinator

Email ID: swaroopark@gmail.com

Contact number: 9885790060



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*A One Week Certificate Program
on*

**"IMPLEMENTATION OF
DATA STRUCTURES IN
JAVA PROGRAMMING"**

Dates:

14th Dec to 19th Dec 2020

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, IEI, 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 FDP on “Implementation of Data Structures in Java Programming” 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 Implementation of Data Structures in Java Programming.
- They will also learn the Data structures, types, applications, classification, and common operations on various data structures.

Topics to be covered

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



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Chintalapudi Near Tenali Guntur-522 306.

Under Management of INDIRA EDUCATIONAL Society, Hyderabad.

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

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

DATE: 23/11/20

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on *“Implementation of Data Structures in Java Programming”*

Organized by: Department of Computer Science and Engineering

Date: 14/12/20 to 19/12/20

Participants: Faculty Members

Resource Person: Mrs. G. Sivanaga Malleswari, Asst. Professor,
DEPT. of CSE, PITW, Chintalapudi, Tenali
E-mail: sivanagamalliswari7@gmail.com, Mobile: 8309905516

Objective:

The objective of the course is to let the participants be introduced to Implementation of Data Structures in Java Programming. They will also learn the Data structures, types, applications, classification, and common operations on various data structures.

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 “Implementation of Data Structures in Java Programming” 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 area of Java programming using Data Structures.

Report for five days

Day-1: Introduction of Data Structures

Topics Covered: The session started with the basic definition of Data Structures and its wide variety of applications using Java. Further topics covered as follows,


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1. Data Structures: Introduction
2. Types of Data structures
3. Arrays, types
4. Operations on Arrays

Day-2: Linked Lists

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

1. Linked List introduction, operations
2. Singly Linked List
3. Doubly Linked List
4. Circular Linked List

Day-3: Introduction of Stacks

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

1. Stacks using Data Structures
2. Queues using Data Structures
3. Heaps using Data Structures
4. Hashing using Data Structures

Day-4: Non-linear Data structures

Topics Covered: The session started with the basics of Non-linear Data structures. Further topics covered are as follows,

1. Non-linear Data structures :Introduction
2. Implementation of Trees
3. Implementation of Graphs
4. BFS,DFS for Graphs

Day-5: Binary trees Implementation

Topics Covered: The session started with the Implementation of Trees. Further topics covered are as follows,

1. Binary trees Introduction, types
2. Properties, traversals
3. BFS for Trees
4. DFS for Trees


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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



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CHINTALAPUDI, TENALI - 522 306
DEPARTMENT OF COMPUTER SCIENCE & UNIVERSITY
College Code - X2


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

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

DATE: 12/11/2020

One Day Staff Training Programme

“Workplace conflict management and resolution”

On November 10th - 2020

Name of the Program: “Workplace conflict management and resolution”

Organized by: Department of Science & Humanities

Date: November 4th, 2020

Participants: Staff Members

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

Objective:

Conflicts in the workplace are a normal occurrence and not necessarily a negative thing. It's important for leaders and employees to know how to handle conflict so it doesn't profoundly affect business operations or the relationship that exists between members of the team. Conflict management involves understanding another person's point of view and coming up with mutually beneficial solutions to a problem.

About the Training Program:

With the consent and relentless support of Kalyani Lella, HOD, Department of Science & Humanities, one day staff training program on “**Workplace conflict management and resolution**” was conducted for the Staff 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 Harmony between the staff while performing their duties in their day to day administrative works.

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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.

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 Workplace conflict management and resolution, while discharging the duties in Administration. He also stated that one should know about to resolve the conflicts among the staff in their day to day administrative work. Now-a-days basic management 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

Total no. of participants: 20

Workshop Convener: Kalyani Lella, HOD/S&H

Staff Co-Ordinator: Amarendhra


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


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GUNTUR-522 306, A.P.



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Chintalapudi, Near Tenali, Coastal Road - 522 306,
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[Signature]
HOD

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INSTITUTE OF TECHNOLOGY & SCIENCE
CHINTALAPUDI, TENALI - 522 306
DEPARTMENT OF SCIENCE & HUMANITY
College Code - K2

Principal

[Signature]
Principal
Priyadarshini
INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR TENALI, CHINTALAPUDI
522 306



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

List of Professional Development Programs Organized During-A.Y:2019-20

Sno	Name of the Program	Date	No of Participants
1	Green Technology & Sustainability Engineering	21 th OCT to 25 th Oct 2019.	<u>28</u>
2	Training on Fundamentals of JAVA	16 DEC to 20 DEC 2019.	<u>27</u>
3	Fascinating Python Applications in Real-World and NVMe (non-volatile memory express) Storage Introduction	20 th Jan. to 24 th Jan. 2020	<u>35</u>
4	ANSYS IN MECHANICAL ENGINEERING	13 th November 2019	<u>18</u>


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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:
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.....
.....

Mobile:.....

email:

last date of registration

20th Oct. 2019


PRINCIPAL
PRIYADARSHINI
INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR 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

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

tadivakavishnu2019@gmail.com,

6302883006

ADDRESS FOR COMMUNICATION:

Mrs. Mallaprolu Sravani

Coordinator

E-mail-ID:

sravanimallaprolu32@gmail.com

8688342428



Priyadarshini Institute of Technology & Science

Under Management of *INDIRA EDUCATIONAL Societ*,

Hyderabad. College Code:X2,

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Affiliation to JNTU Kakinada.

**A One Week Certificate Program
on**

"GREEN TECHNOLOGY

&

SUSTAINABILITY ENGINEERING

Dates:

21th OCT to 25th Oct 2019

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

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 Programmers, 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 "ELECTRIC HYBRIDVEHICLE". 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 "ELECTRIC HYBRIDVEHICLE". of Electrical and Electronics Engineering.

Objectives of the Programme

- There are many HEV configurations and design options that can be grouped in three categories: series (range-extending HEVs), parallel (power assist HEVs), and dual-mode HEVs.
- The ultimate goal of the hybrid electric vehicle is to provide the equivalent power, range, cost and safety of a conventional vehicle while reducing fuel costs and harmful emissions. At present a HEV is able to operate nearly twice as efficiently as traditional internal combustion vehicles.

Topics to be covered

- A conventional internal combustion engine system
- Electric propulsion system.
- Electric power train is intended
- Better fuel economy
- Conventional vehicle or better performance



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

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

DATE: 30/10/2019

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on “GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING”

Organized by: Electrical and Electronics Engineering department

Date: 21/10/2019 to 25/10/2019

Participants: Faculty Members

Resource Persons: Dr. T Raghavendra Vishnu, Associate Professor

Principal, PITW, Chintalapudi, Tenali, Guntur

tadivakavishnu2019@gmail.com, 6302883006

Objective:

The objective of the course is to let the participants Gain knowledge on Power Electronic converters, Renewable Energy system and Grid connected PV system.. They will also learn the benefits and limitation of Develop Power electronic converters for various Renewable Energy System. Train students by conducting hands-on sessions on design of converters and hybrid system and make students industry ready.

About the FDP:

With the consent and relentless support of, M.Sivanageswararao HOD, Department of EEE, the five days Faculty Development Programme on “GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING” 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 HOD, and Department of EEE. 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 Electrical knowledge to make use of it by the participants in the Research area of Electrical and Electronics Engineering.


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Report for five days

Day-1: Power electronics reliability concepts.

Topics Covered: The session started with the basic Power electronics reliability concepts. Further topics covered as follows.

- Power Electronic component reliability Converter Failure
- Testing Needs
- LED drivers
- Solar inverter/ inverter tes

Day-2: Power electronics converter topologies and emobility and implementation

Topics Covered: The session started with the basic of Power electronics converter topologies and emobility and implementation. Further topics covered are as follows,


- E mobility
- Wireless charge
- Charging methods

Day-3: PV plants with micro grid concepts and roll of power converters.

Topics Covered: The session started with the basic explanation of PV plants with micro grid concepts and-roll of power converters.

Further topics covered are as follows,

- Soft switch Converter.
- Interleaving converter.
- SEPIC and ZEETA converter


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Day-4: Application of Power electronics in Renewable energy systems.

Topics Covered: The session started with the basics of Application of Power electronics in Renewable energy systems.

Further topics covered are as follows,

- Micro grid
- Application of Power electronics
- Power electronic converter in PV and control techniques
- Intelligent systems.

Day-5: to demonstrate the Dc DC converter using Multiuse.

Topics Covered: The session started with the evolution of to demonstrate the Dc DC converter using Multiuse. Further topics covered are as follows,

- Dc DC converter design
- Power converter prototyping
- Simulation tools for design
- Simulation Analysis

The participants were happy and satisfied as their expectation on grasping the peculiar insights in "GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING" 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 J.Vanaja and G.Ravikumar with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HOD and participants.

Total no. of participants: 28

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

Faculty Coordinators: Mrs. J.VANAJA, Mr.G.RAVIKUMAR.


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Priyadarshini Institute of Technology & Science

Chintalapudi, Near Tenali, Guntur-522 306.

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HoD

Principal


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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:
.....
.....
.....

Mobile:.....

email:

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

Mr. Soma Sekhar

Asst. Professor, DEPT. of ECE




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Affiliation to JNTU Kakinada.

*A One Week Certificate Program
on*

*“TRAINING ON
FUNDAMENTALS OF JAVA”*

last date of registration

15th dec 2019


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

Resource Person:

Mr.A.Gangadhar

Assoc. Professor,
DEPT. of ECE

University College of Engineering

gangadharakurathi@gmail.com

9885796156

Dates:

16 DEC to 20 DEC 2019

Organized by:

Priyadarshini institute of Technology
& Science

Venue:

Room no 204

Priyadarshini Institute of Technology
& Science

College Code:GK

Society: **DONBOSCO EDUCATIONAL**

Tenali

Andhra Pradesh-533433, INDIA

ADDRESS FOR COMMUNICATION:

Mr. Soma Sekhar

Coordinator

Email ID:

Contact number: 8074030658



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.

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- 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
NEAR TENALI, CHINTALAPUDI,
SANGHAPETA, 522 206, 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, IEI, 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 “Artificial Intelligence” 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 Artificial Intelligence

Objectives of the Programme

The objective of the course is to let the participants be introduced to the Training on fundamentals of JAVA. They will also learn the benefits and limitation of programming language, Desktop applications and real time applications on related technologies

Topics to be covered

- Introduction to fundamentals
- Introduction to fundamentals of object-oriented programming in Java
- Principles of software development
- Desktop Applications
- Enterprise Applications



Priyadarshini Institute of Technology & Science

Chintalapudi Near Tenali Guntur-522 306.

Under Management of INDIRA EDUCATIONAL Society, Hyderabad.

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

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

DATE: 26/12/2019

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on *“Training on Fundamentals of JAVA”*

Organized by: Department of Electronics and Communication Engineering

Date: 16-12-2019 to 20-12-2019

Participants: Faculty Members

Resource Person: Mr.A.Gangadhar, Assoc. Professor
DEPT. of ECE, University College of Engineering
gangadharakurathi@gmail.com, 9885796156

Objective:

The objective of the course is to let the participants be introduced to the Training on fundamentals of JĀVA. They will also learn the benefits and limitation of programming language, Desktop applications and real time applications 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 “Training on Fundamentals of JAVA” 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 java.

Report for five days

Day-1 Fundamentals of programming

Topics Covered: The session started with the basic definition of java and its wide variety of applications using in it. Further topics covered as follows,

- Variables
- Conditional
- Iterative Methods


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Priyadarshini Institute of Technology & Science

Chintalapudi Near Tenali Guntur-522 306.

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Day-2: Introduction to fundamentals of object-oriented programming in Java

Topics Covered: The session started with the basics of object-oriented programming in Java. Further topics covered are as follows,

- including defining classes
- invoking methods
- using class libraries

Day-3: Principles of software development

Topics Covered: Principles of software development

The session started with the basic explanation of Principles of software development. Further topics covered are as follows,

- Have the ability to write a computer program to solve specified problems.
- To use the Java SDK environment to create, debug
- Run simple Java programs

Day-4: Desktop Applications

Topics Covered: The session started with the basics of desktop applications and web applications. Further topics covered are as follows,

- Acrobat reader, media player
- Antivirus
- Web Applications such as irctc.co.in, javatpoint.com, etc

Day-5: Enterprise Applications

Topics Covered: The session started with the applications on different industries. Further topics covered are as follows,

- Banking applications, Mobile
- Embedded System, Smart Card
- Robotics, Games

The participants were happy and satisfied as their expectation on grasping the peculiar insights in java 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. Soma Sekhar and Miss. S. Swathi with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HoD and participants.

PRINCIPAL
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NEAR TENALI, CHINTALAPUDI,
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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, Recognised by Govt of A.P.

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

Total no. of participants: 27

FDP Convener: SK. Shahir, HoD/ECE

Faculty Coordinators: Mr. Soma Sekhar, Miss. S. Swathi



SK. Shahir
ECE HoD


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

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

.....

Mobile:.....

email:

last date of registration

18th Jan. 2020

PRINCIPAL
PRIYADARSHINI
INSTITUTE OF TECHNOLOGY & SCIENCE
NEAR TENALI, CHINTALAPUDI, RKCE, Kethanakonda, Vijayawada
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

Mr. CH. Delhi Police

HOD, CSE

COORDINATOR

Mrs K. SWARUPA RANI

Asst. Professor, DEPT. of CSE

Resource Person:

Mr. Srinivas Lella

Assoc. Professor,

DEPT. of CSE

SRINIVASLELLA29@GMAIL.COM

9441389884

9441389884

ADDRESS FOR COMMUNICATION:

Mrs K. SWARUPA RANI

Coordinator

Email ID: swaroopark@gmail.com

Contact number: 9885790060



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 on

"FASCINATING PYTHON APPLICATIONS
IN REAL-WORLD AND NVME
(NON-VOLATILE MEMORY EXPRESS)
STORAGE INTRODUCTION"

Dates:

20th Jan. to 24th Jan. 2020

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.

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PRINCIPAL

PRIYADARSHINI

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

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 "Fascinating Python Applications in Real-World and NVMe Storage Introduction" was conducted by 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 Fascinating Python Applications in Real-World and NVMe (non-volatile memory express) Storage Introduction.
- They will also learn the benefits and limitation of Internet of Things (IoT), Future of IoT, NVMe Transport Mapping and NVMe over fabric and related technologies.

Topics to be covered

- Data Science with python • Internet of Things (IoT)
- NVMe, NVMe-over-Fabric
- Why Python is Good for Artificial Intelligence and Machine Learning • API through Python



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: 28/1/2020

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on

“Fascinating Python Applications in Real-World and NVMe (non-volatile memory express) Storage Introduction”

Organized by: Department of Computer Science Engineering

Date: 20-1--2020 to 24-1-2020

Participants: Faculty Members

Resource Person: Mr. Srinivas Lella, Assoc. Professor,
DEPT. of CSE, RKCE, Kethanakonda, Vijayawada
srinivaslella29@gmail.com, 9441389884

Objective:

The objective of the course is to let the participants be introduced to the Fascinating Python Applications in Real-World and NVMe (non-volatile memory express) Storage Introduction. They will also learn the benefits and limitation of Internet of Things (IoT), Future of IoT, NVMe Transport Mapping and NVMe over fabric and related technologies.

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 “Fascinating Python Applications in Real-World and NVMe Storage Introduction” was conducted for the Faculty Members of ours and other institutions across the state.

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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.

Report for five days

Day-1: Data Science with python

Topics Covered: The session started with the basic definition of Data Science and its wide variety of applications using python. Further topics covered as follows,

1. Data Analysis
2. Data Visualization
3. Web scraping
4. Natural Language Processing
5. Data wrangling and data exploration

Day-2: Internet of Things (IoT)

Topics Covered: The session started with the basic of Internet of Things (IoT). Further topics covered are as follows,

1. Internet of Things(IoT): Introduction
2. Architecture, Implementation
3. IoT Standards and Protocols
4. IoT Supported Devices
5. Future of IoT

Day-3: NVMe, NVMe-over-Fabric

Topics Covered: The session started with the basic explanation of NVMe new and innovative method of accessing storage media. Further topics covered are as follows,

1. NVMe over fabric
2. Two types of fabric transports for NVMe
3. NVMe over Fabrics Technical Characteristics
4. Differences between local NVMe and NVMe over Fabrics
5. NVMe Transport Mapping

Day-4: Why Python is good for Artificial Intelligence and Machine Learning

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

1. Keras, Tensor Flow, and Scikit-learn for AI
2. NumPy for superior logical registering and information examination
3. SciPy for cutting edge figuring
4. Pandas for broadly useful information examination
5. Seaborn for information perception

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Day-5: API through Python

Resource Persons: Mr. Pravin, Software Engineer and Mr. B. Babu, Technical Manager

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

1. How APIs work?
2. What is API, why do we need API?
3. API testing tools- POSTMAN
4. API through Python

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. A. Bharathi and Mr. Ram Babu with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, principal, HoD and participants.

Total no. of participants: 35

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

Faculty Coordinators: Mrs. A. Bharathi, Mr. Ram Babu



C. Chy
CSE HoD

Principal
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DATE: 21/11/2019

One Day Staff Training Programme

"ANSYS IN MECHANICAL ENGINEERING"

On November 19th - 2019

Name of the Program: "ANSYS IN MECHANICAL ENGINEERING"

Organized by: Department of Mechanical Engineering

Date: November 19th, 2019

Participants: Staff Members

Chief Guest: Dr. A Rama Rao, Principal Priyadarshini (Guntur)

Objective:

The objective of the training program is to Ansys Mechanical finite element analysis software is used to simulate computer models of structures, electronics, or machine components for analyzing the strength, toughness, elasticity, temperature distribution, electromagnetism, fluid flow, and other attributes.

About the Training Program:

With the consent and relentless support of K.LALITHA BABU, HOD, Department of MECHANICAL, one day staff training program on "Importance of ANSYS IN MECH" was conducted for the 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, K.LALITHA BABU. 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 ANSYS IN MECH knowledge to make use of it by the participants in their Labs and in their research works.

The Department of MECHANICAL of the college organized a One Day Staff Training Programme "Importance of ANSYS IN MECH" for Priyadarshini Group of Colleges, on 19th November 2019.

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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. A Rama Rao, Principal Priyadarshini (Guntur)

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. A Rama Rao expounded the Importance of SOFT SKILLS AND INDUSTRY AWARENESS while discharging the day-to-day duties. He also stated that one should know about Soft Skills to use in academics. Now-a-days basic Soft Skills and Industry Awareness skills are mandatory according to the need of the academic 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. A Rama Rao, Principal Priyadarshini (Guntur)

Designation: Associate Professor

College: Priyadarshini Institute of Technology and Sciences (Guntur)

Contact: 9492732267

Total no. of participants: 18

Workshop Convener: Lalith Babu K, HOD/ME

Staff Co-Ordinator: P Srinivasa Rao

ME HOD

Head of the Department

Department of Mechanical Engineering

Priyadarshini Institute of Technology & Science,
Chintalapudi, Near Duggirala, Tenali,

Principal

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List of Professional Development Programs Organized During-A.Y:2018-19

Sno	Name of the Program	Date	No of Participants
1	Quantum Geographic Information System (QGIS)	18/2/19 to 23/2/19	<u>32</u>
2	UN CONVENTIONAL MACHINING PROCESS	22 th OCT to 27 th OCT 2018	<u>43</u>
3	ARTIFICIAL INTELLIGENCE	17 DEC to 21DEC 2018	<u>52</u>
4	SOFT SKILLS AND INDUSTRY AWARENESS	21 st December 2018.	<u>23</u>


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REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:
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Mobile:.....

email:

last date of registration

17st Feb. 2019

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. K. Kiran Kumar

HOD, Dept. of Civil Engg.

COORDINATOR

Bolagani Venkata Srinivasarao

Asst. Professor, Dept. of CE

Resource Person:

SHAIK SYDHA

Assoc. Professor,

Dept. of Civil Engineering, NEC,

Narasoraopet, Guntur

shaiksaida457@gmail.com,

7093901932

ADDRESS FOR COMMUNICATION:

Bolagani Venkata Srinivasarao

Coordinator

Email ID:

royalsrinu.b123@gmail.com

9603415089



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*A One Week Certificate Program
on*

“QUANTUM GEOGRAPHIC INFORMATION SYSTEM (QGIS)”

Dates:

18/2/2019 to 22/2/2019

Organized by:

Priyadarshini institute of Technology

& Science

Venue:

Room No. 207

Priyadarshini Institute of Technology

& Science

College Code:GK

Society: DONBOSCO EDUCATIONAL

Tenali

Andhra Pradesh-533433, INDIA

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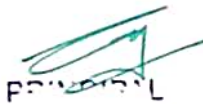


About the Institute

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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Objectives of the Programme

- The objective of the course is to let the participants be introduced to the Quantum Geographic Information System (QGIS).
- They will also learn Co Ordinate Reference System (CRS), Universal Transverse Mercator (UTM) projection and Base map-underlying reference map or layer.

About The Department

This era of civil engineering technological changes are very fast this changing world needs innovative ideas along with basic skills and knowledge of civil engineering in the passion to change the world in future to see the advanced civilization we need the basic weapons are required Priyadarshini collage of engineering providing advanced knowledge in civil engineering and qualified experienced faculties and advanced equipment with well facilities.

Civil engineering is the very basic branch of engineering and said to be the mother of all other engineering branches came up only after it. Now, it is comprises of different sub-branches such, Structural Engineering, Transportation Engineering, etc. Civil engineers provide the technical expertise and management skills to plan, design, construct and maintain facilities such as buildings, bridges, road, rail, airports and harbors. Graduates find employment in the infrastructure industries as planners, consulting engineers and project manager, site managers and project engineers. Civil engineering department started in 2007. The intake started from 120 and now it is 120.

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 “Quantum Geographic Information System (QGIS)” 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. K. Kiran Kumar. He welcomed and motivated all the participants to make use of this the six days session for their career growth. He welcomed the guest speaker to share his knowledge in Quantum Geographic Information System (QGIS) of Civil Engineering.

Topics to be covered

- Project management with a social consciousness.
- Sustainable and closed-loop supply chain management.
- Design for the Environment (eco-design) and Cradle-to-Cradle (C2C) efforts.
- Ecological modernization at the social and organizational level; the role of social innovation in response to regulatory policy.
- Training and integration of engineers and staff on sustainability and social responsibility and ethics topics.
- Integrating sustainability and triple-bottom-line life-cycle analysis into organizational projects.
- Management of corporate social responsibility systems (eg. environmental, safety, health and management systems such as ISO 14000 & ISO 26000)



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DATE: 27/2/2019

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on “Quantum Geographic Information System (QGIS)”

Organized by: Department of Computer Science Engineering

Date: 18/2/2019 to 22/2/2019

Participants: Faculty Members

Resource Person: Shaik .sydha, Assist professor

Dept. of Civil Engineering, NEC, Narasoraopet, Guntur

shaiksaida457@gmail.com, 7093901932

Objective:

The objective of the course is to let the participants be introduced to the Quantum Geographic Information System (QGIS). They will also learn Co Ordinate Reference System (CRS), Universal Transverse Mercator (UTM) projection and Base map-underlying reference map or layer.

About the FDP:

With the consent and relentless support of K Kiran Kumar, HOD, Department of CE, the five days Faculty Development Programme on “Quantum Geographic Information System (QGIS)” 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, K Kiran Kumar. He welcomed and motivated all the participants to make use of this 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 Quantum Geographic Information System.

Report for five days

Day-1

Topic: Base Map- Attribute Tables

Topics Covered: The session started with the Base map introduction and its applications. Representation of Co Ordinate Reference Tables etc., further topics covered as follows,

1. Introduction to Base map
2. Representation of Attribute Tables


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3. CRS Natural Language Processing
4. Universal Transverse Mercator (UTM) projection

Day-2:

Topics Covered: The session started with the basic Layers used to display geographic datasets. Further topics covered are as follows,

1. Layers used to display geographic data sets
2. Architecture, Implementation
3. Introduction Queries
4. Query is a search to make only a specified section of data visible
5. Raster an image file stored as pixels

Day-3:

Topic: Raster Files

Topics Covered: Raster files used for aerial or satellite imaging. Shape file-a vector data format used to store geographic, symbol, and labeling information. Further topics covered are as follows,

1. Raster files
2. Common raster file types .geotiff or .tif
3. Shape file-a vector data format used to store geographic, symbol, and labeling information
4. Base map-underlying reference map or layer

Day-4:

Topic: Multiple File Types

Topics Covered: Multiple file types: .shp, .shx, .cbg, .dbf, .prj, and .qpj.. Further topics covered are as follows,

1. Multiple file types
2. The .shp file used to upload a layer into the QGIS workspace
3. Finding a Base map
4. Uploading Layers

Day-5:

Topic: Data and Values, Field Calculator

Topics Covered: The session started with the evolution of Industry versions, of various Base map mechanisms. Further topics covered are as follows,



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1. Layers Panel
2. Data without Coordinates
3. Data with Coordinates
4. Data and Values, Adding Columns, and Field Calculator

The participants were happy and satisfied as their expectation on grasping the peculiar insights in Quantum Geographic Information System (QGIS) 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 Mr. Kiran Kumar and Mrs. CH Satya Nandini 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.

Total no. of participants: 32

FDP Convener: K Kiran Kumar, HoD/CE

Faculty Coordinators: Mrs. CH Satya Nandini



K. Sagar
CE HO

Head of the Department
Department of Civil Engineering
Priyadarshini Institute of Technology & Science
CHINTALAPUDI - 522 306

[Signature]
Principal
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GUNTUR-522 306, A.P.

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email:

last date of registration

8th Oct 2023


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PROGRAM COMMITTEE:

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Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr Lakshmi Narayana

Principal,

CONVENER

Mr. K.LALITHA BABU

HOD, ME

COORDINATOR

Mr. N.KOTESWARARAO

Asst. Professor, DEPT. of ME

Resource Person:

Mr: A.Rama Rao

Assoc. Professor,

DEPT. of MECH

GEC, GUNTUR

Aramarao79@gmail.com

9849613279

ADDRESS FOR COMMUNICATION:

Mr. N.KOTESWARARAO

Coordinator

Email ID:

tanishesu@gmail.com

Contact number: 7036277485



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*A One Week Certificate Program
on*

**"UNCONVENTIONAL
MACHINING PROCESS"**

Dates:

9th OCT to 13th OCT 2023

Organized by:

Priyadarshini institute of Technology
& Science

Venue:

Room No.207

Priyadarshini Institute of Technology
& Science

College Code:GK

Society: **DONBOSCO EDUCATIONAL**
Tenali

Andhra Pradesh-533433, INDIA

About the Institute

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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 Mechanical engineering is one of the core engineering departments, which has potential to accommodate all efficient engineers. The Mechanical engineers serve all other branches of engineering directly or indirectly. The Mechanical engineers can find their place in Automobile engineering sector, Electrical Engineering sector, IT sector, manufacturing industries, design industries, Military, Naval and Air force, defence research organizations, material research organizations etc. The Mechanical Engineering department of the college has been established in the year 2008 with an intake of 60 students.

The department has fourteen well equipped laboratories and highly qualified and experienced teaching faculty members. There are four associate professors and seven are assistant professors. two faculty members are doctorates. The remaining faculty members are all M. Tech degree holders and seven of them are pursuing Ph. D. Many of the faculty members have publications in reputed International and National journals.

Objectives of the Programme

- To understand basic concepts of modern machining processes.
- To explain the principles of ultrasonic machining.
- To illustrate the electro chemical and chemical machining processes.
- To apply the principles and procedure of thermal metal removal processes.
- To illustrate the principles and procedure of electron beam machining, laser beam machining and plasma

About The Programme:

With the consent and relentless support of Dr.K. LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Programme on "UN CONVENTIONAL MACHINING PROCESS" 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 K.LALITHA 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 knowledge to make use of it by the participants in the Research area of Conventional and UN conventional

Topics to be covered

- Understand the concepts of modern machining processes. .
- Learn the principles of ultrasonic machining.
- Apply the principles and procedure of electro chemical and chemical machining processes.
- Apply the principles and procedure of thermal metal removal processes
- Illustrate the principles and procedure of electron beam machining, laser beam machining and plasma machining



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DATE: 31/10/2018

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on *“UN CONVENTIONAL MACHINING PROCESS”*

Organized by: MECHANICAL DEPARTMENT

Date: 22/10/2018 to 27/10/2018

Participants: Faculty Members

Resource Person: Mr. A.Rama rao M.Tech, Ph.D, Assoc. Professor,
DEPT. of ME, GEC, GUNTUR
Aramarao79@gmail.com, 9849613279

Objective:

The objective of the course is to let the participants be introduced to the understand basic concepts of modern machining processes. They will also learn the benefits and limitation of modern machining process and principles and related machining processes.

About the FDP:

With the consent and relentless support of Dr.K.LALITHA BABU, HOD, and Department of MECHANICAL. The five days Faculty Development Programme on *“UN CONVENTIONAL MACHINING PROCESS”* 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 K.LALITHA 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 knowledge to make use of it by the participants in the Research area of Conventional and UN conventional

Report for five days

Day-1: Basic concepts of modern machining process:

Topics Covered: The session started with the basic concepts of modern machining process. Further topics covered as follows,


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1. Need for non-traditional machining methods
2. Classification of modern machining processes considerations in process selection
3. Applications and material removal
4. Basic principles of Abrasive jet machining and water jet machining
5. Need of abrasive flow finishing

Day-2: Concept of Ultrasonic machining process

Topics Covered: The session started with the basic concept of ultrasonic machining processes covered are as follows,

1. Introduction
2. Elements of process
3. Concept of material removal for ultrasonic machining
4. Concept of tool feed mechanisms
5. Concepts of applications and limitation

Day-3: Concept of Electro-Chemical Machining process

Topics Covered: The session started with the basic explanation of fundamentals of electro chemical machining process. Further topics covered are as follows,

1. Concept of ecmp grinding and honing
2. Concept of ecmp de-burring and metal removal rate of ecmp
3. Concept of tool design, surface finish and accuracy
4. Concept of electro –stream drilling and tube electrolyte machining
5. Fundamentals of chemical machining, advantages and applications

Day-4: Concept of Thermal metal removal processes

Topics Covered: The session started with the basics of Thermal metal removal processes. Further topics covered are as follows,

1. General principle and applications of electric discharge machining
2. Concept of electric discharge grinding and wire ED
3. General concept of power circuits for EDM
4. General concept of metal removal of EDM and process parameters
5. Selection of tool electrode and dielectric fluids, characteristics of spark eroded surface

Day-5: Concept of electron, laser and plasma beam machining process

Topics Covered: The session started with the Concept of electron, laser and plasma beam machining process. Further topics covered are as follows,

1. Concept of basic principle and theory of electron and laser beam process
2. Basic process parameters, efficiency and accuracy, applications



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3. Accuracy and surface finish of plasma process for machining and metal removal mechanism
4. Applications of plasma in manufacturing industries

The participants were happy and satisfied as their expectation on grasping the peculiar insights in "unconventional machining process". 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. V Anil Kumar with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Principal, HoD and participants.

Total no. of participants: 43

EDP Convener: Dr K.LALITHA BABU,

Designation: HoD/MECH

Faculty Coordinators: Mr. V Anil Kumar

Designation: Asst. Professor



ME HoD

Head of the Department

Department of Mechanical Engineering

Priyadarshini Institute of Technology & Science

Chintalapudi, Near Duggirala, Tenali.

Principal

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REGISTRATION FORM

Name:.....

Dept. :.....

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Address for Communication:
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Mobile:.....

email:

last date of registration

16th Dec 2018


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PROGRAM COMMITTEE:

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

PATRON

Dr Lakshmi Narayana
Principal,

CONVENER

SK. Sahir
HOD, ECE

COORDINATOR

Mrs. A V N Deepthi
Asst. Professor, DEPT. of ECE

Resource Person:

Mr. V. Naveen Raja

Assoc. Professor,
DEPT. of ECE

Narasoraopet Engineering College
naveenrajavelchuri@gmail.com
9989348177

ADDRESS FOR COMMUNICATION:

Mrs. A V N Deepthi

Coordinator

Email ID:

Deepthi.prabharompicharla@gmail.com

Contact number: 9491334156



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
on*

"ARTIFICIAL INTELLIGENCE"

Dates:

17 DEC to 21 DEC 2018

Organized by:

Priyadarshini institute of Technology
& Science

Venue:

Room no 204

Priyadarshini Institute of Technology
& Science

College Code: GK

Society: DON BOSCO 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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NEAR TENALI, CHINTALAPUDI,
GUNTUR-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, IEI, 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 “Artificial Intelligence” 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 Artificial Intelligence

Objectives of the Programme

The objective of the course is to let the participants be introduced to the Training on fundamentals of Artificial Intelligence. They will also learn the benefits and limitation of programming language and real time applications on related technologies

Topics to be covered

- Meta Heuristic Search Techniques
- Heuristic Search Strategies and optimization concepts-I
- Informed Search Techniques and their Application
- Artificial Intelligence: foundations of computation agents
- Heuristic Search Techniques & Hill Climbing in A



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DATE: 26/12/2018

FDP REPORT

Name of the Program: Five days Faculty Development Program (FDP) on "*ARTIFICIAL INTELLIGENCE*"

Organized by: Department of Electronics and Communication Engineering

Date: 17-12-2018 to 21-12-2018

Participants: Faculty Members

Resource Person: Mr. V. Naveen Raja, Assoc. Professor,
DEPT. of ECE, Narasoraopet Engineering College
naveenrajavelchuri@gmail.com, 9989348177

Objective:

The objective of the course is to let the participants be introduced to the Training on fundamentals of Artificial Intelligence. They will also learn the benefits and limitation of programming language and real time applications on related technologies.

About the FDP:

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Report for five days

Day-1: Meta Heuristic Search Techniques

Topics Covered: The session started with the basic definition of artificial intelligence and its wide variety of applications using in it. Further topics covered as follows,

- Meta Heuristic Search Techniques
- Optimization concepts and Machine learning


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- Uninformed Search techniques and their applications

Day-2: Heuristic Search Strategies and optimization concepts-I

Topics Covered: The session started with the basics of search strategies and optimization concepts. Further topics covered are as follows,

- Introduction to Artificial Intelligence (AI) and Deep Learning (DL)
- Deep Learning Models of feed forward networks
- Heuristic Search Strategies and optimization concepts-II

Day-3: Informed Search Techniques and their Applications

Topics Covered: Principles of software development: The session started with the basic explanation of search techniques and their applications. Further topics covered are as follow

- Informed search algorithms and types
- Blind Search vs. Informed Search and their features
- Search techniques in AI

Day-4: Artificial Intelligence: foundations of computational agents

Topics Covered: The session started with the basics of Artificial Intelligence: foundations of computational agents further topics covered are as follows,


- Heuristic Search Techniques and their types
- Informed search Methods with case studies
- Search Techniques for Artificial Intelligence

Day-5: Heuristic Search Techniques & Hill Climbing in AI

Topics Covered: The session started with the applications on Heuristic Search Techniques & Hill Climbing in AI. Further topics covered are as follows,

- Informed Search Techniques in Artificial Intelligence
- Difference between informed and uninformed search techniques
- A* Search Algorithm in AI applications

The participants were happy and satisfied as their expectation on grasping the peculiar insights in artificial intelligence 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 Mrs. R.


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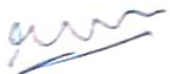
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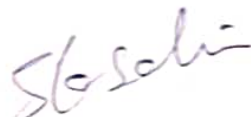
Ms. K. Shyam Prasad and Miss. B. Pravallika with a thanks giving talk to the speaker for giving a wonderful session. Also coordinators expressed the gratitude to Management, Director, Deans, HoD and participants.


Total no. of participants: 52

FDP Convener: SK. Shahir, HoD/ECE

Faculty Coordinators: Miss. B. Pravallika, Ms. K. Shyam Prasad


Co-Ordinator


ECE HoD


Principal
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DATE: 28/12/2018

One Day Staff Training Programme

“SOFT SKILLS AND INDUSTRY AWARENESS”

On November 27th - 2018

Name of the Program: “SOFT SKILLS AND INDUSTRY AWARENESS”

Organized by: Department of Mechanical Engineering

Date: Dec. 27th, 2018

Participants: Staff Members

Chief Guest: Dr. A Rama Rao, Principal Priyadarshini (Guntur)

Objective:

The objectives of the Soft Skills Training Workbook are to give each student a realistic perspective of work and work expectations, to help formulate problem solving skills, to guide students in making appropriate and responsible decisions, to create a desire to fulfill individual goals, and to educate students

About the Training Program:

With the consent and relentless support of K.LALITHA BABU, HOD, Department of MECHANICAL, one day staff training program on “SOFT SKILLS AND INDUSTRY AWARENESS” was conducted for the 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, K.LALITHA BABU. 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 SOFT SKILLS AND INDUSTRY AWARENESS knowledge to make use of it by the participants in their carriers.

The Department of MECHANICAL of the college organized a One Day Staff Training Programme “SOFT SKILLS AND INDUSTRY AWARENESS” for Priyadarshini Group of Colleges, on 27st December 2018.

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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. A Rama Rao, Principal Priyadarshini (Guntur)

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. A Rama Rao expounded the Importance of ANSYS Skills while discharging the duties in labs. He also stated that one should know about ANSYS to use in academics. Now-a-days basic ANSYS skills are mandatory according to the need of the academic 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. A Rama Rao, Principal Priyadarshini (Guntur)

Designation: Associate Professor

College: Priyadarshini Institute of Technology and Sciences (Guntur)

Contact: 9492732267

Total no. of participants: 23

Workshop Convener: Lalith Babu K, HOD/ME

Staff Co-Ordinator: P Srinivasa Rao


ME HOD

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


Principal
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ME HOD

Head of the Department

Department of Mechanical Engineering

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