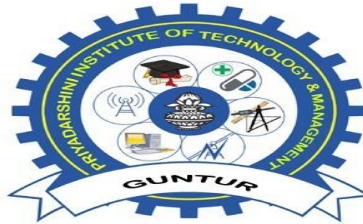


PRIYADARSHINI INSTITUTE OF TECHNOLOGY & MANAGEMENT



HEI code: C-18014

NAAC DVV

Cycle - 1

6: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.3: Faculty Empowerment Strategy

6.3.3(7): Brochurs & Reports



**Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada
5th Mile, Pulladigunta(V), Kornepadu(P), Vatticherekuru(M)
Guntur (Dt)-522017**

9133331965

pitmgnt.ac.in

gk.principal@jntuk.edu.in

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 500/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 19th JUNE 2022



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.S. Phani kumar

Principal,

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R. Madhuri Devi

HOD, CSE

COORDINATOR

K. KUMAR

Associate professor,CSE

B. Delhi
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TECHNOLOGY & MANAGEMENT
5th Mile, Pulladigunta,
KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017

Resource Person:

Ch. Delhi Police

Designation: Associate professor

Department : CSE

Priyadarshini Institute of Technology and Management,
Guntur

Email Id: delhipolice2369@gmail.com

Contact No: 9856321478

ADDRESS FOR COMMUNICATION:

K. KUMAR

Coordinator

sireeshkumpati07@gmail.com

8919439252



Priyadarshini Institute of Technology & Management

Under Management of DONBOSCO EDUCATIONAL
Society, Hyderabad. College Code:GK,
Recognised by Govt of A.P.
Approved by AICTE, New Delhi &
Affiliation to JNTU Kakinada.

FIVE DAYS

Faculty Development Programme

on

"BCT"

Date:

JUNE 20th to 24th, 2022

Organized by:

Department of CSE

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute



Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

CSE

Computer Science Engineering (CSE) encompasses a variety of topics that relates to computation, like analysis of algorithms, programming languages, program design, software, and computer hardware. Computer Science engineering has roots in electrical engineering, mathematics, and linguistics.

About the Programme

Decentralized Transactions: Facilitating secure, transparent, and efficient peer-to-peer transactions without the need for intermediaries.

Immutable Record-Keeping: Creating tamper-resistant and transparent records that enhance trust and security in various industries.

Smart Contracts: Enabling automated and self-executing contracts that streamline business processes and reduce administrative overhead.

Industry Disruption: Transforming sectors like finance, supply chain, healthcare, and governance by providing innovative solutions for data integrity and transactional security.

Innovation in Digital

Objectives of the Programme



Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. Introduction to Blockchain and its Origin.
2. Why Blockchain is crucial and its objectives.
3. Blockchain terminologies.
4. Distinction between databases and blockchain.
5. Distributed Ledger.
6. Understanding Blockchain ecosystem and structure.
7. How blockchain works.
8. Types of blockchain.



PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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PROGRAM REPORT

Date: 28/06/2022

Name of the Program: A FIVE DAY FDP on BLOCK CHAIN TECHNOLOGY

Organized by: Department of Computer Science & Engineering

Date: 20/06/2022 to 24/06/2022

Resource Person: Ch. Delhi Police
Asso Professor
Priyadarsini Institute of Sciences, Tenali.
delhipolice09@gmail.com

Objective:

The Purpose Of The Block Chain Is To Share Information Amongst All Parties That Access It Via An Application. Access To This Ledger In Terms Of Reading And Writing May Be Unrestricted ('Permissionless'), Or Restricted ('Permissioned'). Build an awareness of Block Chain Technology (BCT) and how it can be used to process cryptocurrency transactions across an open and distributed ledger.



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GUNTUR - 522 017

REGISTRATION FORM

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

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 09th OCT 2022



PROGRAM COMMITTEE:

CHIEF PATRON

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

PATRON

Dr. D.V.V.S. Phani kumar
Principal,

CONVENER

R. Madhuri Devi
HOD, ECE

COORDINATOR

Mr.T.NANDAKUMAR
Associate professor .ECE



Resource Person:

SK. SHAHIR

Designation : Associate professor
Department : ECE
Priyadarshini Institute of Technology and Management,
Guntur

Email Id: shakShahir236@gmail.com

Contact No: 8965745896

ADDRESS FOR COMMUNICATION:

Mr. T. NANDAKUMAR

Coordinator

naik0456@gmail.com

9000222550


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Priyadarshini Institute of Technology & Management

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Affiliation to JNTU Kakinada.

FIVE DAYS

Faculty Development Programme

on

VLSI

Date:

OCT 10th to 14th, 2022

Organized by:

Department of ECE

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology
& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433. INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

ECE

Electronics and Communication Engineering (ECE) focuses on understanding, designing, and innovating electronic systems, encompassing communication technologies, signal processing, and hardware development for a wide array of applications in various industries..

About the Programme

VLSI (Very Large Scale Integration) program involves advanced study and application of designing and fabricating semiconductor chips, encompassing intricate concepts like chip architecture, circuit design, and electronic systems. Students explore cutting-edge technologies, aiming to innovate and optimize integrated circuits for various industries like electronics, telecommunications, and computing, meeting demands for smaller, faster, and more efficient electronic devices. Assets: Continuously evolving the landscape of digital currencies, asset tokenization, and decentralized applications (dApps).

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. Design of ASICs
2. HDL programming
3. Analog IC design
4. Discrete optimization and graph theory
5. VLSI process technology
6. Advanced digital design
7. Asynchronous system design



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www.priyadarshini.edu

Date:16/11/2021

PROGRAM REPORT

Name of the Program: A Five day FDP on VERY LARGE SCALE INTEGRATION

Organized by: Department of Electronics and Communication Engineering

Dates: 10/10/2022 to 14/10/2022

Resource Person: Sk.Shahir

Asso Professor

Priyadarshini institute of Science and Technology, Tenali.

Shahir51@gmail.com

Objective:

This is an introductory course in VLSI Systems and Design.

- At the completion of this course, a student should be able to design and analyze digital systems. incorporating into a VLSI chip.
- They should be able to design for low power and design for performance. work in small groups and bring together design components into a full custom chip.



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GUNTUR - 522 017

About the FDP:

Very large-scale integration (VLSI) is the process of creating an integrated circuit (IC) by combining millions or billions of MOS transistors onto a single chip. The Very large-scale integration (VLSI) is the process of integrating or embedding hundreds of thousands of transistors on a single silicon semiconductor microchip. The VLSI technology was conceived in the late 1970s when advanced level computer processor microchips were under development.

Program Outcome:

1. Be able to use mathematical methods and circuit analysis models in analysis of CMOS digital electronics circuits, including logic components and their interconnect.
2. Be able to create models of moderately sized CMOS circuits that realize specified digital functions.
3. Be able to apply CMOS technology-specific layout rules in the placement and routing of transistors and interconnect, and to verify the functionality, timing, power, and parasitic effects.

Total no.of Participants: 41



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GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

.....

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 500/- per participant

• Faculty can register through online

• Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 23rd APRIL 2023



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

Mr.K.Srinivasa Rao

HOD, SH

COORDINATOR

K. RAVIKUMAR

Associate professor, S H

B. K. Ravi
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PRIYADARSHINI INSTITUTE OF
TECHNOLOGY & MANAGEMENT
5th Mile, Pulladigunta,
KORNEPADU (VII), Vatticherukuru, MI
GUNTUR - 522 017

Resource Person:

Mr.K.Srinivasa Rao

Designation:HOD,

Department: S&H

Priyadarshini Institute of Technology and Management,

Guntur

Email Id: srinivasaaraomsc2006@gmail.com

Contact No: 8096851969

ADDRESS FOR COMMUNICATION:

K. RAVIKUMAR

Coordinator

ravi.k2003@gmail.com

8317509137



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Affiliation to JNTU Kakinada.

FIVE DAYS

Faculty Development Programme

on

"INTERFERENCE SKILLS"

Date:

APRIL 24th to 29th, 2023

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology

& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

In an engineering context, "interference" might refer to signal interference or electromagnetic interference (EMI). The scope of a program related to interference involves studying methods to mitigate signal disruptions, minimize EMI, and ensure reliable communication or operation in electronic systems. Students explore techniques in signal processing, shielding, and circuit design to address interference issues in various technologies, from wireless communication to electronic devices, aiming for robust and interference-resilient system

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. Ohm's Law.
2. Newton's Laws Of Motion.
3. Archimedes Principle.
4. Doppler Effect.
5. Kirchhoff's Law.
6. Law Of Reflection.
7. Ampere's Law.
8. Lenz's Law.



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Approved by AICTE, Affiliated to JNTUK
www.priyadarshini.ac.in

Date:01/05/2023

PROGRAM REPORT

Name of the Program: A One Week FDP on INTERFERENCE

Organized by: Department of Science and Humanities

Dates: 24/04/2023 to 29/04/2023

Resource Person: K.Srinivasa rao
Associate Professor
Priyadarshini Institute of Technology and Management, Guntur
Srinivasarao24@gmail.com

Objective:

To nurture students with CMOS analog circuit designs. To realize importance of testability in logic circuit design. To overview SoC issues and understand PLD architectures with advanced features. Model digital circuit with HDL, simulate, synthesis and prototype in PLDs.



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5th Mile, Pulladigunta,
KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Department:.....

Institution:.....

Address for Communication:

Mobile:.....

Email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

Faculty can register through online

Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

Date of registration 31th June 2018



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K. Srinivasa Rao

HOD, S&H

COORDINATOR

K. Srinivasa Rao

HOD, S&H


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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017.

Resource Person:

Ch. Kamakshi

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



Priyadarshini Institute of Technology & Management

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& Affiliation to JNTU Kakinada.

One day faculty development program

Library Management

Date:

21/11/2022

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology
& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. The institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

It analyzes the following three properties of a code - mainly: Code word length. Total number of valid code words. The minimum distance between two valid code words, using mainly the Hamming distance, sometimes also other distances like the Lee distance. Cell phones also use coding techniques to correct for the fading and noise of high frequency radio transmission. Data modems, telephone transmissions, and the NASA Deep Space Network all employ channel coding techniques to get the bits through, for example the turbo code and LDPC codes.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Error correction code concept and method
- Convolutional code
- Maximum likelihood decoding method convolutional code
- Reed-Solomon code decoding method
- Mathematical foundation (Finite field, linear algebra, etc.)
- Properties of linear code
- Specific examples of linear codes: Low density parity check code
- Finite body
- Convolutional code



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Report of Training Session for Non Teaching faculty on "Library Management"

Libraries build collections to meet information needs of their members: but it is also essential and important to ensure that libraries meet their needs effectively as well as expeditiously.

This sort of goal can be achieved provided:

- a) library maintains its resources arranged in a systematic manner and
 - b) that the resources are regularly shelved in proper sequence and order which invariably gets disturbed during use.
- The need for and purpose of library maintenance are:
- 1) To enable user-friendly access to library resources
 - 2) To help protect and preserve library resources against damaging agents (This requires a proper system of cleaning and dusting of shelves and books on regular basis).
 - 3) To keep the collection in usable condition
 - 4) To keep the collection relevant to library
 - 5) To ensure that the collection is kept safe and its stocks verified as per items in the accession records of the library.
 - 6) To keep the collection relevant to
 - 7) To keep widely in size organized .
 - 8) Modern libraries servicing beyond physical

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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

• Faculty can register through online

• Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 08th August 2021



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

R. Madhuri

HOD, CSE

COORDINATOR

B .Ramaraju

Associate professor, CSE

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PRIYADARSHINI INSTITUTE OF TECHNOLOGY & MANAGEMENT

5th Mile, Pulladigunta,

KORNEPADU (VII), Vatticherukuru (M)

GUNTUR - 522 017



Resource Person:

Dr.K. Bulli Babu

Department: CSE

Designation: Professor

Priyadarshini Institute of Technology and Management,
Guntur

Email Id: kbullibabubabu@gmail.com

Contact No: 9966528525

ADDRESS FOR COMMUNICATION:

B .Ramaraju

Coordinator

ramarajubathula624@gmail.com

9666048008.



Priyadarshini Institute of Technology & Management

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ONE WEEK

Faculty Development Programme

on

"DEVOPS"

Date:

AUGUST 09th to 14th, 2021

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology & Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Computer Science & Engineering

Computer Science Engineering (CSE) encompasses a variety of topics that relates to computation, like analysis of algorithms, programming languages, program design, software, and computer hardware. Computer Science engineering has roots in electrical engineering, mathematics, and linguistics.

About the Programme

DevOps spans automation of software delivery processes, including continuous integration and deployment. It encompasses cultural shifts to encourage collaboration and communication between development and operations teams. DevOps integrates infrastructure as code practices, emphasizes monitoring for feedback, and includes security measures throughout the development lifecycle, all to enhance efficiency, speed, and quality in software development and deployment.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. What is DevOps.
2. Why DevOps.
3. DevOps tools.
4. Version Control and Benefits.
5. Kubernetes Vs. Docker.
6. Continuous integration, Delivery, and Development.
7. Importance of continuous integration.
8. DevOps Engineer



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PROGRAM REPORT

Date:17/08/2021

Name of the Program: A ONE WEEK FDP on DEVOPS

Organized by: Department of Computer Science & Engineering

Dates: 09/08/2021 to 14/08/2021

Resource Person: Dr.K. Bulli Babu
Professor
GEC College , Guntur
Bullibabu02@gmail.com

Objective:

DevOps' main goal is to develop a sustainable infrastructure for specific applications and ensure high scalability. After all, scalable apps are highly reliable, automated, and integral in the modern-day software development process. establish an environment where releasing more reliable applications faster and more frequently can occur.




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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

About the FDP:

DevOps entails a set of integrated activities or practices employed in automation and interlink software development processes with IT developers with the aim of building, testing, and releasing deliverables quickly and reliably. Constantly, DevOps has resulted in the use of infinite loops by the developers or practitioners in showing the relationship between development lifecycle phases. Even though the various activities or steps in a DevOps make a loop and flow sequentially, the iteration indicates that the flow must be constantly collaborative and repetitive to improve the entire lifecycle. If well explored by DevOps, various software automation trends could be ready to handle the industry's latest software and technology.

Program Outcome:

Identify components of Devops environment.→ Describe Software development models and→ architectures of DevOps. Apply different project management, integration.→ and testing and code deployment tool. Investigate different DevOps Software development→ models. Assess various DevOps practices.→ Collaborate and adopt DevOps in real-time projects.

Total no.of Participants: 41




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KORNEPADU (Vil), Vatticherukuru (M)
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REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

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.....

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 7th Nov 2021



PROGRAM COMMITTEE:

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Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

P. Prasad

HOD, ME

COORDINATOR

B. Tulasiramarao

Associate professor, ME


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5th Mile, Pulladigunta,
KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017

Resource Person:

K.D.N.MalleswarRao

Department: Mechanical

Designation: Associate professor

Priyadarshini Institute of Technology and Management,
Guntur

Email Id: kdnmalleswarraopitm@gmail.com

Contact No: 9635874526

ADDRESS FOR COMMUNICATION:

B. Tulasiramarao

Coordinator

btraome@gmail.com

9998877664



Priyadarshini Institute of Technology & Management

*Under Management of DONBOSCO EDUCATIONAL
Society, Hyderabad. College Code:GK,*

Recognised by Govt of A.P.

Approved by AICTE, New Delhi &

Affiliation to JNTU Kakinada.

ONE WEEK

Faculty Development Programme

on

"COMPOSITE MATERIALS"

Date:

NOVEMBER 08th to 13th, 2021

Organized by:

Department of ME

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Mechanical engineering

Mechanical engineering is the study of physical machines that may involve force and movement. It is an engineering branch that combines engineering physics and mathematics principles with materials science, to design, analyze, manufacture, and maintain mechanical systems.[1] It is one of the oldest and broadest of the engineering branches..

About the Programme

composite materials involves analyzing the properties, fabrication, and applications of materials made from two or more constituents. Its scope includes designing lightweight, durable structures by combining materials like polymers, ceramics, and fibers. Engineers explore composite material behavior, aiming for improved mechanical, thermal, and chemical properties for various industrial applications. Understanding composites enables the creation of stronger, more versatile materials for diverse engineering needs..

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. Definition of the composite materials.
2. Composite materials and its applications.
3. Classification of the composite materials.
4. What Makes fiber so strong?
5. Advantages and limitations of composite materials.
6. Properties of the composite materials.



Date:16/11/2021

PROGRAM REPORT

Name of the Program: A Five day FDP on COMPOSITE MATERIALS

Organized by: Department of Mechanical Engineering

Dates: 08/11/2021 to 13/11/2021

Resource Person: K.D.N.Malleswara rao
Asso Professor
Priyadarshini institute of Technology and Management,Guntur
Malleswararaok57@gmail.com

Objective:

A composite material is a combination of two materials with different physical and chemical properties. When they are combined they create a material which is specialized to do a certain job. for instance to become stronger, lighter or resistant to electricity. They can also improve strength and stiffness. Composites have less fracture toughness than metals but more than most polymers. Their high dimensional stability allows them to maintain their shape, whether hot or cold, wet or dry. This makes them a popular material for outdoor structures like wind turbine blades.



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GUNTUR - 522 017

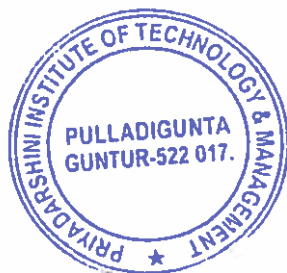
About the FDP

The objective of the FDP is to inculcate the knowledge on the development of advanced FRP materials using different types of fibers and polymers for various applications. Every industry is now vying with each other to make the best use of composites. One can now notice the application of composites in many disciplines such as Civil, Mechanical, aerospace, automotive, marine, medical Electronics & telecommunications, sports goods to space vehicles. Hence based on the above concept note, the participant should be able to understand and apply state of the art knowledge of different composite materials in Structural Engineering applications.

Program Outcome:

- Versatility and Flexibility.
- Resistance to Weather and Corrosion.
- Excellent Weight-to-Strength Ratio.
- Durable and Long-lasting.
- Low Cost.
- Thermal Insulation.
- Non-Conductive to Electricity.
- Better Appearance.

Total no.of Participants: 24



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GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 12th March 2022



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER


Name: Y. Kondaiah

HOD, ECE

COORDINATOR

P. Sanjay Krishnamal

Associate professor,ECE


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KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017



Resource Person:

Y. Kondaiah

Department: ECE

Designation: HOD

Priyadarshini Institute of Technology and Management ,
Guntur

Email Id: kyendiuri@yahoo.com

Contact No: 8096966396

ADDRESS FOR COMMUNICATION:

P. Sanjay Krishnamal

Coordinator

sanjayrepalle@gmail.com

8328200780



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Affiliation to JNTU Kakinada.

ONE WEEK

Faculty Development Programme

on

“EMBEDDED SYSTEMS”

Date:

MARCH 7th to 11th, 2022

Organized by:

Department of ECE

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

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About the Department

ECE

Electronics and Communication Engineering (ECE) focuses on understanding, designing, and innovating electronic systems, encompassing communication technologies, signal processing, and hardware development for a wide array of applications in various industries.

About the Programme

Embedded systems program involves designing, implementing, and optimizing specialized computing systems integrated into devices to perform specific functions. Its scope spans across industries like automotive, healthcare, IoT, and consumer electronics, aiming for efficient, compact, and high-performance systems for diverse applications.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

1. C Basic data types.
2. Programming constructs.
3. Functions in C.
4. Data Structures.
5. Advanced topics.
6. Overview of the C standard library.
7. Embedded System Oriented Topics.
8. MISRA C — Designing Safer C Programs.



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Approved by AICTE, Affiliated to JNTUK

www.pitngnit.ac.in

Date: 16/11/2021

PROGRAM REPORT

Name of the Program: A Five day FDP on EMBEDDED SYSTEMS

Organized by: Department of Electronics and Communication Engineering

Dates: 07/03/2022 to 11/03/2022

Resource Person: K.Kondaiah

Asso Professor

Priyadarshini institute of Technology and Management, Guntur

Kondaiahk89@gmail.com

Objective:

On completion of this course, successful participants will be able to:

- Perform effectively as entry level Embedded Systems professionals.
- Develop and maintain applications written using Embedded C.
- Independently design and develop a hardware platform encompassing a microcontroller and peripherals.
- Understand the Number system, Boolean algebra, Logic Gates, Adders, Flip-Flops, Counters, Registers, Multiplexers and Schmitt triggers.
- Understand Digital circuits are electric circuits based on a number of discrete voltage levels.
- Understands basics of Electronic Components like Resistor, Capacitor, Diode, Transistor and IC's etc



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GUNTUR - 522 017

About the FDP

The future of embedded systems is bright with several key predictions shaping the industry. One of the primary predictions is an increased demand for low-power, high-performance embedded systems. As devices become more connected and intelligent, they will require more processing power while consuming less energy. An embedded system is a microprocessor-based computer hardware system with software that is designed to perform a dedicated function, either as an independent system or as a part of a large system.

Program Outcome:

- 1) Explain the real time embedded system and its components.
- 2) Understand basic components and building blocks of Internet of Things.
- 3) Apply skills to conduct interfacing of embedded boards with components, actuators and sensors.

Total no.of Participants: 43



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GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Department:.....

Institution:.....

Address for Communication:

Mobile:.....

Email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

Faculty can register through online

Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

Date of registration 31th June 2018



CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K. Srinivasa Rao

HOD, S&H

COORDINATOR

K. Srinivasa Rao

HOD, S&H

SK. Irfan Basha

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



Priyadarshini Institute of Technology & Management

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

One day faculty development program

Ms Office

Date:

27/12/2022

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology
& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. The institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

It analyzes the following three properties of a code - mainly: Code word length. Total number of valid code words. The minimum distance between two valid code words, using mainly the Hamming distance, sometimes also other distances like the Lee distance. Cell phones also use coding techniques to correct for the fading and noise of high frequency radio transmission. Data modems, telephone transmissions, and the NASA Deep Space Network all employ channel coding techniques to get the bits through, for example the turbo code and LDPC codes.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Error correction code concept and method
- Convolutional code
- Maximum likelihood decoding method convolutional code
- Reed-Solomon code decoding method
- Mathematical foundation (Finite field, linear algebra, etc.)
- Properties of linear code
- Specific examples of linear codes: Low density parity check code
- Finite body
- Convolutional code



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www.pitng.ac.in

Report of Training Session for Non Teaching faculty on "Ms Office"

Users can create MS Word reports in Creatio and configure them using the Creatio MS Word Report Designer plug-in.

Learn more about creating and setting up MS Word reports in the "Set up MS Word reports" article.

Use macros to set up extra data output options for an MS Word report. You can use basic macros and create custom macros.

Basic macros

The general procedure of creating an MS Word report using basic macros is as follows:

1. Install the MS Word Report Designer plug-in. This is a one-time procedure. Learn more in the "Installing Creatio plug-in for MS Word" article.
2. Add a new report record in the section.
3. Set up the report display parameters
4. Install the MS Word Report Designer plug-in. This is a one-time procedure. Learn more in the "Installing Creatio plug-in for MS Word" article.
5. Add a new report record in the section.
6. Set up the report display parameters
7. Set up the report template layout in the Creatio MS Word Report Designer plug-in and upload the template to Creatio.
8. Install the MS Excel Report Designer plug-in. This is a one-time procedure. Learn more in the "Installing Creatio plug-in for MS Excel" article.
9. Add a new report record in the section.
10. Set up the report display parameters

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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017**

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 500/- per participant

• Faculty can register through online

• Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 05th Feb2021



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

R. Madhuri Devi

HOD, CSE

COORDINATOR

Mr. K.KIRANKUMAR

Associate professor, CSE


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Resource Person:

Dr V Naresh

Department : CSE

Designation : Associate professor

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Email Id: nareshv@gmail.com

Contact No:8097784859

ADDRESS FOR COMMUNICATION:

MR. K.KIRANKUMAR

Coordinator

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jennyjonny77@gmail.com



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FIVE DAYS

Faculty Development Programme

on

AMAZON WEB SERVICES ON CLOUD COMPUTING

Date:

FEBRUARY 08th to 12th, 2021

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA



About the Institute

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About the Department

CSE

Computer Science Engineering (CSE) encompasses a variety of topics that relates to computation, like analysis of algorithms, programming languages, program design, software, and computer hardware. Computer Science engineering has roots in electrical engineering, mathematics, and linguistics.

About the Programme

In this Introduction to Cloud Computing with Amazon Web Services training course, deploy a web application in AWS. This course is designed for the absolute beginner, meaning no experience with Amazon Web Services is required. You will start by learning about AWS specific concepts, then jump into deploying WordPress on AWS.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Cloud Computing Deployment Models Traditional vs. Cloud Storage Cost Cloud Storage
- ModelsService Comparison AWS, Azure, and GCP
- Cloud Computing Service Models Virtualization
- Classic Data Center Need to Move to Cloud Storage
- ser management through Identity Access Management
- Various access policies
- AWS Single Sign-On (SSO) Traditional Storage
- Access billing and create alerts on billing



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Approved by AICTE, Affiliated to JNTUK

www.pitmgnt.ac.in

Date: 16/02/2021

PROGRAM REPORT

Name of the Program: A Five day FDP on Amazon Web Services On Cloud Computing

Organized by: Department of Computer Science & Engineering

Date: 08/02/2021 to 12/02/2021

Resource Person: Dr. V. Naresh
Professor
KL University, Vaddeswaram, Vijayawada
nareshv23@gmail.com

Objective:

AWS (Amazon Web Services) is a huge player in the cloud computing world, so if you want to become a cloud architect, this Fundamentals of AWS learning path is a great place to start. It's been created especially for beginners and is designed to give you a comprehensive understanding of the foundational services offered by AWS including compute, storage, networking, database, and identity & access management (IAM). As you work your way through these topics, you'll also have the opportunity to put your newly acquired knowledge into practice thanks to our hands-on labs, which allow you to try out AWS services in a live cloud environment.




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GUNTUR - 522 017

About the FDP

In this Introduction to Cloud Computing with Amazon Web Services training course, deploy a web application in AWS. This course is designed for the absolute beginner, meaning no experience with Amazon Web Services is required. You will start by learning about AWS specific concepts, then jump into deploying WordPress on AWS.

Program Outcome:

The outcomes are to provide the AWS Global Infrastructure, Category Overview, Examine the AWS Global Infrastructure, Understand the Difference between AWS Regions, Availability Zones (Azs), and Edge Locations. It is one of the most popular tools used by statisticians, data analysts, research marketers to retrieve, clean, analyze, visualize and present data of Well Framework, Well Due to its expressive syntax and easy recent years.

Total no.of Participants: 35




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GUNTUR - 522 017

REGISTRATION FORM

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

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 20th Nove2020

PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

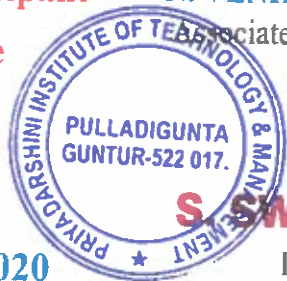
P.KAVITHA

HOD, EEE

COORDINATOR

N. VENKATESWARLU

Associate professor, EEE



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Approved by AICTE, New Delhi &

Affiliation to JNTU Kakinada.

FIVE DAYS

Faculty Development Programme

ON

"RENEWABLE ENERGY SOURCES"

Resource Person:

S. SWARNA SURYA CHANDRA

Designation : Associate professor

Department :EEE,

Email Id : surya036@gmail.com

Contact No:8297877265

ADDRESS FOR COMMUNICATION:

N. VENKATESWARLU

Coordinator

Email Id : venkateswarlun@gmail.com

Contact No:9965263866

Date:

NOV 23th to 27th, 2020

Organized by:

Department of EEE

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
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College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA



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About the Department

EEE

Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electrical machines, electronics, and electromagnetism.

About the Programme

Renewable energy is energy derived from natural sources that are replenished at a higher rate than they are consumed. Sunlight and wind, for example, are such sources that are constantly being replenished.

Objectives of the Programme

Generating energy that produces no greenhouse gas emissions from fossil fuels and reduces some types of air pollution. Diversifying energy supply and reducing dependence on imported fuels. Creating economic development and jobs in manufacturing, installation, and more.

Topics to be covered

- Environmental consequences of fossil fuel use
- Sustainable Design and development
- Power in the Wind
- Siting of WPPs-Grid integration issues of WPPs.
- Solar Radiation, Radiation Measurement
- Photovoltaic cell concepts
- series and parallel connections
- Tidal Energy: Energy from the tides



PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

5th mile, PULLADIGUNTA, Kornepadu (V), Vatticherukuru (M), GUNTUR 522017 (A.P.)

Approved by AICTE, Affiliated to JNTUK

www.pritngrit.ac.in

Date:30/11/2020

PROGRAM REPORT

Name of the Program: A Five day FDP on RENEWABLE ENERGY SYSTEMS

Organized by: Department of Electrical & Electronics Engineering

Dates: 23/11/2020 to 27/11/2020

Resource Person: S.Surya Chandra

Asso Professor

Priyadarshini institute of Technology and Management, Guntur

suryas85@gmail.com

Objective:

The primary objectives of a renewable energy portfolio are to: Promote the development and deployment of renewable energy technologies. Reduce dependency on fossil fuels and enhance energy security. Mitigate climate change by lowering greenhouse gas emissions. The objective of the courses is to develop in-depth knowledge for the following: Various renewable energy resources available at a location and assessments of its potential, using tools and techniques. Photosynthesis.




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GUNTUR - 522 017

About the FDP

This FDP is aimed to enhance the knowledge of faculties about recent trends in renewable energy sources and systems. Renewable energy such as Wind, Solar, Biomass, Geothermal, Hydro, Tidal, etc. The aim of this Faculty Development Programme (FDP) is to bring the teachers of different engineering, science and allied subjects onto one platform to update with the advances in the renewable energy technology and applications, effective teaching learning practices, integration of ICT in the teaching-learning process ..

Program Outcome:

The deployment of renewables in the power, heat and transport sectors is one of the main enablers of keeping the rise in average global temperatures below 1.5°C. In the Net Zero Emissions by 2050 scenario, renewable allow electricity generation to be almost completely decarbonised. Environmental and economic benefits of using renewable energy include: Generating energy that produces no greenhouse gas emissions from fossil fuels and reduces some types of air pollution.

Total no.of Participants: 38




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KORNEPADU (Vil), Vatticherukuru (TA)
GUNTUR - 522 017

REGISTRATION FORM

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

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 20th Nov2020

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K.Kalyan

HOD, MBA

COORDINATOR

SK.Basha

Associate Professor, MBA



Resource Person:

DR CH RAVIKUMAR

Designation : Associate professor

Department :MBA,

Email Id : Dr.ravikumarchandu@gmail.com

Contact No:9885436878

ADDRESS FOR COMMUNICATION:

SK.BASHA

Coordinator

basha shaik1991@gmail.comContact

No:9704633854



Priyadarshini Institute of Technology & Management

Under Management of DONBOSCO EDUCATIONAL Society, Hyderabad. College Code:GK, Recognised by Govt of A.P. Approved by AICTE, New Delhi & Affiliation to JNTU Kakinada.

ONE WEEK

Faculty Development Programme on

"RESEARCH METHODOLOGY"

Date:

MARCH 15th to 20th, 2021

Organized by:

MBA Department

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology & Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA



About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

MBA

Master of Business Administration is a highly valued degree designed to develop the skills required for careers in business and management. Attaining an MBA allows you to learn how to successfully manage, lead, organize and adapt in a variety of business environments. The skills learned through an MBA program prepare you with practical skills as well as theoretical knowledge that you can further your business aspirations with.

About the Programme

Research is a never-ending process. A researcher has to be dynamic with the processes, tools, and methods for the precise outcome. Business research is a voluntarily done process for the speculated market outcome in order to get assistance in planning and decision making, and holding the market.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Introduction: Definitions, Manufacturing methods
- Fibre/Matrix Interface
- Mechanical Properties -Stiffness and Strength
- compression, flexure and shear.
- Hygrothermal Stresses
- Orthotropic Laminate
- Joining Methods and Failure Theories



Date:22/03/2021

PROGRAM REPORT

Name of the Program: A Five day FDP on RESEARCH METHODOLOGY

Organized by: Department of Master of Business Administration

Dates: 15/03/2021 to 20/03/2021

Resource Person: Dr.Ch.Ravi Kumar
Professor
Priyadarshini institute of Technology and Management,Guntur
Ravikumarch00@gmail.com

Objective:

A research methodology gives research legitimacy and provides scientifically sound findings. It also provides a detailed plan that helps to keep researchers on track, making the process smooth, effective and manageable. Importance, consequence, moment, weight, significance mean a quality or aspect having great worth or significance. importance implies a value judgment of the superior worth or influence of something or someone. a region with no cities of importance.




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5th Mile, Pulladigunta,
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GUNTUR - 522 017

About the FDP

This program is mainly designed for management faculty members and researchers working in schools, universities, colleges and professional institutes, or other government and private professional training institutes. The program would give the participants an edge to perform more effectively in academia. Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability.

Program Outcome:

- Exact start point in selecting Research area.
- Approach in selecting Research topic.
- Precautionary measures to be considered in identification of Research topic etc
- Importance of brainstorming in Research journey.
- Keywords identification and its importance.
- Tips and tricks for keyword identification.

Total no.of Participants: 34




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KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Department:.....

Institution:.....

Address for Communication:

Mobile:.....

Email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

Faculty can register through online

Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

Date of registration 31th June 2018



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K. Srinivasa Rao

HOD, S&H

COORDINATOR

K. Srinivasa Rao

HOD, S&H


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5th Mile, Pulladigunta.
KORNEPADU (VII), Vatticherukuru (M),
GUNTUR - 522 017.

Resource Person:

P. Phanindra

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



Priyadarshini Institute of Technology & Management

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Code:GK,

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& Affiliation to JNTU Kakinada.

One day faculty development program

E-CAP

Date:

16/10/2020

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology
& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. The institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

It analyzes the following three properties of a code - mainly: Code word length. Total number of valid code words. The minimum distance between two valid code words, using mainly the Hamming distance, sometimes also other distances like the Lee distance. Cell phones also use coding techniques to correct for the fading and noise of high frequency radio transmission. Data modems, telephone transmissions, and the NASA Deep Space Network all employ channel coding techniques to get the bits through, for example the turbo code and LDPC codes.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Error correction code concept and method
- Convolutional code
- Maximum likelihood decoding method convolutional code
- Reed-Solomon code decoding method
- Mathematical foundation (Finite field, linear algebra, etc.)
- Properties of linear code
- Specific examples of linear codes: Low density parity check code
- Finite body
- Convolutional code



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Report of Training Session for Non Teaching faculty on "E-CAP"

Welcome to the presentation of Engineering College Automation Package, designed and developed by Webpros Solutions Pvt Ltd, Visakhapatnam. The software hereinafter referred as ECAP, fulfills all the requirements of Engineering Colleges including integrated campuses offering Undergraduate and Post Graduate Courses. ECAP aims at immediate availability of data in required formats, ease the work of staff and management and increase in transparency and accountability in administration. ECAP is a fully featured Human Services Software designed to serve Startups, Enterprises. ECAP provides end-to-end solutions designed for Web App. This online Human Services system offers Child Welfare Management, Reporting & Statistics, Time Tracking at one place. e-CAP Bluetooth Software, coming from the developer In all technologies, is running on Android system in the past. Now, You can play e-CAP Bluetooth Software on PC with Game Loop smoothly. Download it in the GameLoop library or search results. No more eyeing the battery or frustrating calls at the wrong time any more. Just enjoy e-CAP Bluetooth Software PC on the large screen for free ! You can use "e-CAP Bluetooth Software" for getting today's prayer times and also for configuring e-CAP's Prayer time Displays having bluetooth connectivity. You can configure time, date (Georgian and Hijry), prayer time calendar from the database, automatic/manual modes of Azan and Iqamath times, notification sounds, mosque name etc. For connecting you need an android phone having bluetooth connectivity.

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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 500/- per participant

• Faculty can register through online

• Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 14th October 2019



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

R. Madhuri Devi

HOD, CSE

COORDINATOR

G.HARANADHA BABU

Associate professor, CSE



Resource Person:

DR.Θ.SUJATHA

Department : CSE

Designation : Associate professor

Priyadarshini Institute of Technology and Management,
Guntur

Email Id: sujatha09@gmail.com

Contact No:9662132255

ADDRESS FOR COMMUNICATION:

G.HARANADHA BABU

Coordinator

PH.no- 9490488943

ghbabu.qa@gmail.com



Priyadarshini Institute of Technology & Management

Under Management of DONBOSCO EDUCATIONAL

Society, Hyderabad. College Code:GK,

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Affiliation to JNTU Kakinada.

ONE WEEK

Faculty Development Programme

ON

“PYTHON”

Date:

OCT 16th to 20th, 2019

Organized by:

Department of CSE

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology & Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

CSE

Computer Science Engineering (CSE) encompasses a variety of topics that relates to computation, like analysis of algorithms, programming languages, program design, software, and computer hardware. Computer Science engineering has roots in electrical engineering, mathematics, and linguistics.

About the Programme

Python is a general-purpose programming language that is becoming ever more popular for data science. Companies worldwide are using Python to harvest insights from their data and gain a competitive edge. Unlike other Python tutorials, this course focuses on Python specifically for data science. . Companies worldwide are using Python to harvest insights from their data and gain a competitive edge. Unlike other Python tutorials, this course focuses on Python specifically for data science.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Install Python and Environment Setup
- Unique features of Python
- Comments and document interlude in Python
- List, Ranges & Tuples in Python
- More About Lists Understanding Iterators
- Generators , Comprehensions and Lambda Expressions
- More on Dictionaries Sets
- First Python Program ,Python Identifiers, Keywords and Indentation



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PROGRAM REPORT

Date:28/09/2019

Name of the Program: A Five Day FDP on PYTHON

Organized by: Department of Computer Science & Engineering

Date: 16/09/2019 to 20/09/2019

Resource Person: Dr.G.Sujatha
Asso Professor

Priyadarshini Institute of Technology & Sciences, Tenali.

Sujatha54@gmail.com

Objective:

- To acquire programming skills in core Python.
- To acquire Object Oriented Skills in Python.
- To develop the skill of designing Graphical user Interfaces in Python.




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5th Mile, Pulladigunta.
KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

About the FDP

Python is a general-purpose programming language that is becoming ever more popular for data science. Companies worldwide are using Python to harvest insights from their data and gain a competitive edge. Unlike other Python tutorials, this course focuses on Python specifically for data science. . Companies worldwide are using Python to harvest insights from their data and gain a competitive edge. Unlike other Python tutorials, this course focuses on Python specifically for data science.

Program Outcome:

- Design real life situational problems and think creatively about solutions of them.
- Apply a solution clearly and accurately in a program using Python.
- Apply the best features of mathematics, engineering and natural sciences to program real life problems

Total no.of Participants: 30



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5th Mile, Pulladigunta,
KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

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

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 22th NOVE2019



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

B.Beeraih

HOD, CIVIL

COORDINATOR

Mr.K. HARISH

Associate professor, CIVIL



Resource Person

K.KIRANKUMAR

Department : CIVIL

Designation : Associate professor

Priyadarshini Institute of Technology and Management ,
Guntur

Email Id: kirankumark@gmail.com

Contact No:9908995059

ADDRESS FOR COMMUNICATION:

MR.K. HARISH

Coordinator

PH.no- 8714525220

harishk678@gmail.com

PRINCIPAL
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5th Mile, Pulladigunta,
BODALEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017



Priyadarshini Institute of Technology & Management

Under Management of DONBOSCO EDUCATIONAL
Society, Hyderabad. College Code:GK,
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Approved by AICTE, New Delhi &
Affiliation to JNTU Kakinada.

**ONE WEEK
FACULTY DEVELOPMENT PROGRAMME
ON**

**“COMMUNICATION SYSTEMS &
DESIGNED WORKSHOPS”**

Date:

NOV 25th to 30th, 2019

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology,
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

**Guntur
Andhra Pradesh-533433, INDIA**

About the Institute



Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. Institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range of courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

CIVIL

Civil Engineering is rightly considered the most versatile amongst all engineering branches. It is the branch with a lot of diversity right from Surveying, Geo-technology to Structural Engineering, Environmental Sciences to Hydraulics, and Transportation to Hydrology.

About the Programme

. The FDP course will cover the recent trends in broad research fields namely RF front-end antenna, core concepts of the wireless radio, and optical communications with major emphasis in terms of design and simulation perspective.

Objectives of the Programme



Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Modulation and detection, vector channel representation
- Multi-channel systems
- Coding – sequence detection, gap
- ASIC design flow, tools
- System-on-a-chip design issues
- Micro-architectures and transformations
- Fast fourier transform
- Properties and modeling (fading, Doppler effect,)
- Theory and building blocks
- Wireless channel fundamental





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5th mile, PULLADIGUNTA, Kornepadu (V), Vatticherikur (M), GUNTUR 522017 (A.P.)
Approved by AICTE, Affiliated to JNTUK
www.pitngst.ac.in

PROGRAM REPORT

Date:02/12/2019

Name of the Program: A ONE WEEK FDP on COMMUNICATION SYSTEMS & DESIGNED WORKSHOP

Organized by: Department of Civil Engineering

Date: 25/11/2019 to 30/11/2019

Resource Person: K.Kiran Kumar

Associate Professor

Priyadarsini Institute of Sciences, Tenali

Kirankumar24@gmail.com

Objective:

To understand and analyze the signal flow in a digital communication system. To analyze error performance of a digital communication system in presence of noise and other interferences. To understand the concept of spread spectrum communication system. The main objective of communication is Information and persuasion. We usually make a communication with another person to gain information or knowledge about something. We also make communication to persuade others with what we have in our mind.




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5th Mile, Pulladigunta,
KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

About the FDP:

The Department of Electronics and Communication Engineering, NIT Puducherry, is organizing an Online FDP on Advanced Communication System Design & Simulations from August 17 to 21, 2020. The FDP course will cover the recent trends in broad research fields namely RF front-end antenna, core concepts of the wireless radio, and optical communications with major emphasis in terms of design and simulation perspective.

National Institute of Technology Puducherry, Karaikal (NITPY), is an autonomous public engineering institute nestled in the scenes of Karaikal, a coastal enclave in the basin of river Kaveri in the Union Territory of Puducherry. It is one of the 31 National Institutes of Technology of India and is declared as an Institute of National Importance by Government of India under NIT Act, 2007.

Program Outcome:

To apply the 5G/6G technology in the research areas in the advanced wireless communication technology. To utilize Omnet++ and MATLAB tool to implement research ideas in 5G/6G. To understand roadmap for beyond 5G/6G.

Total no.of Participants: 38



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5th Mile, Pulladigunta,
KORNEPADU (VII), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 500/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 15th Feb 2020



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

Mr.K.Srinivasa Rao

HOD, S H

COORDINATOR

Mr. B.Srinivasarao

Associate professor,S H

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TECHNOLOGY & MANAGEMENT
5th Mile, Pulladigunta,
KORNEPADU (Vii), Vatticherukuru (M)
GUNTUR - 522 017

Resource Person.

D.Nirmaladevi

Department : S&H

Designation : Associate professor

Priyadarshini Institute of Technology and Management ,
Guntur

Email Id: nirmaladevid@gmail.com

Contact No:8297784859

ADDRESS FOR COMMUNICATION:

Mr. B.Srinivasarao

Coordinator

srinivasaraob06@gmail.com

Contact No:9950526326



Priyadarshini Institute of Technology & Management

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ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

“ADVANCED LEADERSHIP SKILLS”

Date:

FEB 17th to 20th, 2020

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology & Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

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About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

Advanced Leadership Skills is a practical, hands-on program that enables the front line leader to not only apply existing knowledge and skills and learn new skills but to achieve higher productivity, ensure clearer communications, resolve conflicts effectively, build and retain strong teams, and to understand and lead .

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Mentoring Skills Course
- Emotional Intelligence (EQ) Training for Leaders and Managers.
- Global Leaders Program.
- Values Based Leadership Training.
- Leadership and Management Training Course
- Creative Problem Solving and Decision Making Training.
- Management and Leadership Development Program
- Crisis Negotiation Training



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Approved by AICTE, Affiliated to JNTUK

www.pitnguntur.in

PROGRAM REPORT:

Date:25/02/2020

Name of the Program: A FIVE DAY FDP on ADVANCED LEADERSHIP SKILLS

Organized by: Department of Science & Humanities

Date: 17/02/2020 to 21/02/2020

Resource Person: D.Nirmala devi

Asst Professor

Priyadarshini Institute of Technology & Management, Guntur

Nirmaladevi04@gmail.com

Objective:

- Evaluate your leadership role within your organization.
- Assess strategies for achieving work throughout your organization.
- Make leadership decisions using a systems approach.
- Use strategic techniques to facilitate organizational change.
- Support the execution of successful strategic plans.




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GUNTUR - 522 017

About the FDP:

Advanced Leadership Skills is a practical, hands-on program that enables the front line leader to not only apply existing knowledge and skills and learn new skills but to achieve higher productivity, ensure clearer communications, resolve conflicts effectively, build and retain strong teams, and to understand and lead .

Program Outcome:

- Evaluate personal leadership tenets and skills
- Create self-confidence through empowerment
- Compare personal leadership skills against those of proven leaders
- Analyze leadership situations and assess outcome effectiveness
- Evaluate trust requirements in relationship building and networking
- Demonstrate leadership and “followership” through practical exercises
- Develop coaching, counseling and mentoring skills

Total no.of Participants: 26



A handwritten signature in blue ink, consisting of a stylized, cursive script.

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GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Department:.....

Institution:.....

Address for Communication:

Mobile:.....

Email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

Faculty can register through online

Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

Start date of registration 31th June 2018



CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K. Srinivasa Rao

HOD, S&H

COORDINATOR

K. Srinivasa Rao

HOD, S&H

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5th Mile, Pulladigunta,
KORNEPADU (Vil), Vatticherukuru (M),
GUNTUR - 522 017.

Resource Person

P.Gopi Chand

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



Priyadarshini Institute of Technology & Management

Under Management of DONBOSCO
EDUCATIONAL Society, Hyderabad. College

Code:GK,

Recognised by Govt of A.P.

Approved by AICTE, New Delhi

& Affiliation to JNTU Kakinada.

One day faculty development program

Fire safety

Date:

21/08/2019

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology
& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute

Established in 2008, Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier Institute located in Andhra Pradesh. The institute offers Degree and Diploma courses including 7 UG and 5 PG courses. Additionally, it also has After 10th Diploma courses. These programs are offered in Full Time mode. Priyadarshini Institute of Technology and Management (PITM, Guntur) is a premier institute for B.Tech, After 1th Diploma, M.Tech, MBA courses. Candidate can pursue in multiple range courses like B.E. / B.Tech, After 1th Diploma, M.E./M.Tech, MBA/PGDM with the stream of Engineering, Business & Management Studies. Over the period, Priyadarshini Institute of Technology and Management (PITM, Guntur)

About the Department

Science & Humanity

The department accomplishes transforming young aspiring minds into determined freshman engineers through Outcome Based Education. Besides, the department teaches students a positive ethos through Value-Based Education.

About the Programme

It analyzes the following three properties of a code - mainly: Code word length. Total number of valid code words. The minimum distance between two valid code words, using mainly the Hamming distance, sometimes also other distances like the Lee distance. Cell phones also use coding techniques to correct for the fading and noise of high frequency radio transmission. Data modems, telephone transmissions, and the NASA Deep Space Network all employ channel coding techniques to get the bits through, for example the turbo code and LDPC codes.

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Topics to be covered

- Error correction code concept and method
- Convolutional code
- Maximum likelihood decoding method convolutional code
- Reed-Solomon code decoding method
- Mathematical foundation (Finite field, linear algebra, etc.)
- Properties of linear code
- Specific examples of linear codes: Low density parity check code
- Finite body
- Convolutional code



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www.pitmgnt.ac.in

Report of Training Session for Non Teaching faculty on "Fire Safety"

The following pertains to any unexpected emergency alarm requiring evacuation from the building. First and foremost is protecting your life. Remain calm and evacuate. Follow exit signs and use stairs. Proceed to the short-term assembly area and remain there until emergency responders indicate that the building is safe for reentry. It is encouraged that occupants utilize the stairs (when possible) to avoid overloading an elevator. Faculty, staff and students who are not capable of complying with the evacuation procedures, or who may have special needs or recognized disabilities, should contact the Department of Environmental Health and Safety for development of an Individual Evacuation Plan. Copies of these plans are maintained with Pitt Police for use by emergency responders. Follow exit signs and use stairs. Proceed to the short-term assembly area and remain there until emergency responders indicate that the building is safe for reentry. Upon reentry, encouraged that occupant utilize the stairs (when possible) to avoid overloading an elevator. Faculty, staff and students who are not capable of complying with the evacuation procedures, or who may have special needs or recognized disabilities, should contact the Department of Environmental Health and Safety for development of an Individual Evacuation Plan.

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KORNEPADU (Vil), Vatticherukuru (M)
GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 31th June 2018



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K. Srinivasa Rao

HOD, S&H

COORDINATOR

K. Srinivasa Rao

HOD, S&H

Resource Person:

K.Prabakar Babu

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



Priyadarshini Institute of Technology & Management

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APPROVED BY aicte, New delhi &

Affiliation to JNTUK Kakinada

*One Week Faculty Development Programme
on*

CODING THEORY

Date:

JULY 02th to 07th, 2018

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology & Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA

About the Institute



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Objectives of the Programme



Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Error correction code concept and method
- Convolutional code
- Maximum likelihood decoding method of convolutional code
- Reed-Solomon code decoding method
- Mathematical foundation (Finite field, linear algebra, etc.)
- Properties of linear code
- Specific examples of linear codes: Low density parity check code
- Finite body
- Convolutional code





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PROGRAM REPORT :

Date: 11/07/2018

Name of the Program: A ONE WEEK FDP on CODING THEORY

Organized by: Department of Science & Humanities

Date: 02/07/2018 to 07/07/2018

Resource Person: K.Prabhakar Babu
Asst Professor
Priyadarshini Institute of Technology and Management, Guntur
prabhakarbabu73@gmail.com

Objective:

Goals of Coding Theory (CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.




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GUNTUR - 522 017

About the FDP

It analyzes the following three properties of a code – mainly: Code word length, Total number of valid code words, The minimum distance between two valid code words, using mainly the Hamming distance, sometimes also other distances like the Lee distance. Cell phones also use coding techniques to correct for the fading and noise of high frequency radio transmission. Data modems, telephone transmissions, and the NASA Deep Space Network all employ channel coding techniques to get the bits through – for example the turbo code and LDPC codes.

Program Outcome:

Coding Theory results allow to create reliable systems out of unreliable systems to store and/or to transmit information. Coding Theory methods are often elegant applications of very basic concepts and methods of (abstract) algebra.

Total no.of Participants: 33




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REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 8th Dec 2018



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

K . Sambiah

HOD, ME

COORDINATOR

K.BHANU CHANDAR

Associate professor, ME

Resource Person:

K.LALITHA BABU

Department : Mechanical

Designation : Associate professor

Priyadarshini Institute of Technology and Management ,
Guntur

Email Id: lalithbabu@gmail.com

Contact No:7981519670

ADDRESS FOR COMMUNICATION:

K.Bhanu Chandar

Coordinator

PH.no- 9908954216

bhanuc09@gmail.com



Priyadarshini Institute of Technology & Management

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FIVE DAYS

Faculty Development Programme

on

“NANO TECHNOLOGY”

Date:

DEC 10th to 14th, 2018

Organized by:

Department of ME

Venue:

Seminar Hall-1

Priyadarshini Institute of Technology

& Management

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433, INDIA



About the Institute

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About the Department

Mechanical

Mechanical engineering is the study of physical machines that may involve force and movement. It is an engineering branch that combines engineering physics and mathematics principles with materials science, to design, analyze, manufacture, and maintain mechanical systems.[1] It is one of the oldest and broadest of the engineering branches.

About the Programme

The field of nanotechnology is expected as a future technology that could provide exciting challenges and prospects for researchers. This programme aims to enable researchers to develop and apply nanomaterials in their respective fields.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Crystal structure, Crystal orientation
- De-Broglie hypothesis, Uncertainty Principle
- Basic concept of quantum well.
- Development of quantum structures
- Nano clusters, Solid solutions, Thin film
- Buckyballs, Carbon nano tubes
- Block Copolymers, Porous Materials
- Semiconductor nanomaterials



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PROGRAM REPORT

Date:17/12/2018

Name of the Program: A FIVE DAY FDP on NANO TECHNOLOGY

Organized by: Department of Mechanical Engineering

Date: 10/12/2018 to 14/12/2018

Resource Person: K.Lalith Babu
Associate Professor
Priyadarshini Institute of Sciences, Tenali
Lalithbabu99@gmail.com

Objective:

Nano Technology may be able to create many new materials and devices with a vast range of applications, such as in nanomedicine, nanoelectronics, biomaterials energy production, and consumer products. Nanotechnology can be used to design pharmaceuticals that can target specific organs or cells in the body such as cancer cells, and enhance the effectiveness of therapy.




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GUNTUR - 522 017

About the FDP

The field of nanotechnology is expected as a future technology that could provide exciting challenges and prospects for researchers. This programme aims to enable researchers to develop and apply nanomaterials in their respective fields.

Program Outcome:

Nano technology in tissue engineering are used for ECM modification, development of the adhesion site, and biochemical transport for temporary structural support until the cells create adequate matrix scaffolds.

Total no.of Participants: 28




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GUNTUR - 522 017

REGISTRATION FORM

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

REGISTRATION DETAILS

Registration fee : Rs 400/- per participant

- Faculty can register through online
- Spot Registration is also available

Registration Link :

<http://www.pitmonbcoe.org>

last date of registration 12th April 2018



PROGRAM COMMITTEE:

CHIEF PATRON

Sri Chandu Ramarao

Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

Dr.Ch.Ravi Kumar

Director,

PATRON

Dr. D.V.V.S. Phani kumar

Principal,

CONVENER

MD. Syed Aslam

HOD, ME

COORDINATOR

S. SWARNA SURYA CHANDRA

Associate professor, EEE

Resource Person:

G.RaviKumar

Department : Mechanical

Designation : Associate professor

Priyadarshini Institute of Technology and Management ,
Guntur

Email Id: ravikumar09@gmail.com

Contact No:9441152635

ADDRESS FOR COMMUNICATION:

S. SWARNA SURYA CHANDRA

Coordinator

Email Id : surya036@gmail.com

Contact No:8297877265



Priyadarshini Institute of Technology & Management

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Affiliation to JNTU Kakinada.

**ONE WEEK
FACULTY DEVELOPMENT PROGRAMME
ON**

“CONTROL SYSTEMS”

Date:

APRIL 15th to 20th, 2019

Organized by:

Department of EEE

Venue:

Seminar Hall-1

**Priyadarshini Institute of Technology
& Management**

College Code:GK

Society: DONBOSCO EDUCATIONAL

Guntur

Andhra Pradesh-533433. INDIA



About the Institute

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About the Department

EEE

Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electrical machines, electronics, and electromagnetism

About the Programme

A control system is a set of mechanical or electronic devices that regulates other devices or systems by way of control loops. Typically, control systems are computerized. Control systems are a central part of production and distribution in many industries. Automation technology plays a big role in these systems.

Objectives of the Programme

Goals of Coding Theory(CT) are to develop systems and methods that allow to detect/correct errors caused when information is transmitted through noisy channels. Coding Theory problems are therefore among the very basic and most frequent problems of storage and transmission of information.

Topics to be covered

- Introduction, classification of control systems
- Modelling of mechanical system elements.
- Electrical systems, Analogous systems
- Block diagram of a closed loop system.
- Construction of signal flow graphs.
- Basic properties of signal flow graph.
- Time response of first order systems.
- BIBO stability, Necessary conditions for stability.
- Commands, directs
- The behavior of other devices



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Approved by AICTE, Affiliated to JNTUK

www.pitngpril.in

PROGRAM REPORT

Date:23/04/2019

Name of the Program: A ONE WEEK FDP on CONTROL SYSTEMS

Organized by: Department of Electrical and Electronics Engineering

Dates: 15/04/2019 to 20/04/2019

Resource Person: G.Ravi Kumar

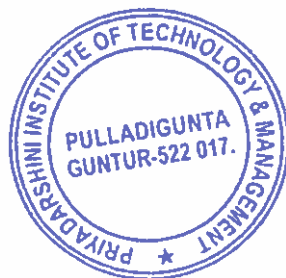
Asso Professor

Priyadarsini Institute of Sciences, Tenali

ravikumar34@gmail.com

Objective:

To ensure that activities are performed in accordance with the predetermined standard that is to see that activity is achieving the desired result. To know what is happening or what has actually happened in the organisation. A control system manages, commands, directs, or regulates the behavior of other devices or systems using control loops.




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GUNTUR - 522 017

About the FDP

A control system is a set of mechanical or electronic devices that regulates other devices or systems by way of control loops. Typically, control systems are computerized. Control systems are central part of production and distribution in many industries. Automation technology plays a big role in these systems.

Program Outcome:

Categorize different types of system and identify a set of algebraic equations to represent and model a complicated system into a more simplified form. A control system manages, commands, directs, or regulates the behavior of other devices or systems using control loops.

Total no.of Participants: 38




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GUNTUR - 522 017

REGISTRATION FORM

Name:.....

Department:.....

Institution:.....

Address for Communication:

Mobile:.....

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REGISTRATION DETAILS

Registration fee : Rs 600/- per participant

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Registration Link :

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Start date of registration 31th June 2018



CHIEF PATRON

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Chairman,

Sri Chandu Vijaya Lakshmi

Secretary & Correspondent,

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5th Mile, Pulladigunta,
KORNEPADU (Vil), Vatticherukuru
GUNTUR - 522 017.

Resource Person:

D.Sudhakar

Department: S&H

Designation: Associate professor

Priyadarshini Institute of Technology & Management
Guntur

Email Id: kallaguntaprabhakarbabu@gmail.com

Contact No:9885412563

ADDRESS FOR COMMUNICATION:

K. Srinivasa Rao

Coordinator

PH.no- 9966528431

srinivasaraomsc2006@gmail.com



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One day faculty development program

Lab Safety

Date:

07/09/2018

Organized by:

Department of Science & Humanity

Venue:

Seminar Hall-1
Priyadarshini Institute of Technology
& Management

College Code:GK
Society: DONBOSCO EDUCATIONAL

Guntur
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- Finite body
- Convolutional code



Report of Training Session for Non Teaching faculty on "Lab Safety"

Please read these Safety Guidelines, Safety is a priority at Prince Sattam Bin Abdulaziz University. While it may seem unlikely that an accident could happen to you, you should know the accident rate in universities is 10 to 100 times greater than in the chemical industry. To help Material Safety Data Sheets (MSDS) are posted in a laboratory binder and guidelines. Pay close attention to this information our goals are: 1. To avoid accidents in the lab, and 2. To respond promptly and appropriately should an accident occur. Safety depends on you! It is your responsibility to follow the instructions in the lab manual and any additional guidelines provided by your instructor. It is also your responsibility to be familiar with the location and operation of safety.

safety notes are included in the lab manual. In addition, any relevant Material Safety Data Sheets (MSDS) are posted in a laboratory binder and guidelines. Pay close attention to this information our goals are: 1. To avoid accidents in the lab, and, To respond promptly and appropriately should an accident occur. Safety depends on you! It is your responsibility to follow the instructions in the lab manual and any additional guidelines provided by your instructor To help prevent accidents, safety notes are included in the lab manual. In addition, any relevant Material Safety Data Sheets (MSDS) are posted in a laboratory binder and guidelines. Pay close attention to this information our goals are: 1. To avoid accidents in the lab, and 2. To respond promptly and appropriately should an accident occur

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