

2016-2017



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 11-07-2016

Program Report

Name of the Event: A one day workshop on Prestressed Concrete.

Date / Duration : 08-07-2016 | 10:00 Am to 05:00 Pm.

Resource Person : Mr. S. Nazeer Ahmed

Ph.No. : 98484 71505

Mail Id : nazeerkkd@gmail.com

Name of Coordinator : Mrs. K. Lakshmi Satya, Asst. Professor , CE Dept.

Number of students attended : 33

Objective of the event :

- To learn the basic concepts and principles of Prestressed Concrete.
- To be able to know the difference between reinforced concrete design and Prestressed Concrete design.
- To have an experience in analyzing and designing a Prestressed bridge while learning at the same time.
- To plan & design a prestressed bridge structure, that is safe to use & well planned.

Topics covered :

- Prestressed materials and systems.
- Pre-tensioning & post-Tensioning.
- post-Tensioning duct & Tender installation.
- Grouting of post-Tensioning Tenders.

Outcome of the event :

- An ability to describe the basic properties of prestressed concrete constituents.
- An ability to analyze the flexure behaviour of sample beams.
- Ability to calculate the prestressed losses for simple beams.
- Ability to analyse and design prestressed concrete members for shear.

K.L. Satya
CO-ORDINATOR

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HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 21-08-2017

Program Report

Name of the Event : A two days workshop on C Programming.

Date / Duration : 18-08-2017 & 19-08-2017 | 10:00 AM to 05:00 PM.

Resource Person : Dr. A. Radha Krishna, associate Prof in CSE Dept.

Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem.

Ph.No. : 94406 14466

Mail Id : vasjrs2004@gmail.com

Name of Coordinator : Mrs. R. V. V. G. Lakxmi, Asst. Professor , CSE Dept.

Number of students attended : 47

Objective of the event :

To provide complete knowledge of C language. To develop logics which will help them to create programs, applications in C.

Topics covered :

1. Basics of C language.
2. Features of C language.
3. Creating and running the programs.

Outcome of the event :

The students will be able to develop applications using C programming language.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 13-03-2017

Program Report

Name of the Event : A one day workshop on ANALOG COMMUNICATION .

Date / Duration : 09-03-2017 | 10:00 AM to 05:00 PM.

Resource Person : Mr. N. Rajesh Babu, Assoc. Prof.,

Aditya College of Engineering & Technology,

Ph.No. : 77320 47774

Mail Id : rajeshbabu641@gmail.com

Name of Coordinator : Mrs. P.V. Ratnam, Asst. Professor , ECE Dept.

Number of students attended : 73

Objective of the event :

To familiarize the students with key modules of Analog Communication system with emphasis on Analog Modulation techniques.

Topics covered :

During Analog Communication system course, students are introduced to four major topics : Fundamentals of Analog Communication, Amplitude Modulation, Frequency Modulation and Transmission lines and antennas.

Outcome of the event :

On completion of this course the students will be able to

- Analyze communications in time domain and frequency domain.
- Distinguish between Modulation techniques.

P.V. Ratnam
CO-ORDINATOR

A. Kumar
HOD

2017-2018



Date: 25-06-2017

Program Report

Name of the Event: A two daysworkshop on DATABASE MANAGEMENT SYSTEM.

Date/Duration :20-06-2017 & 21-06-2017 | 10:00 AM to 05:00 PM.

Resource Person : Dr. A. Radha Krishna, associate Prof in CSE Dept.

Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem.

Ph.No. : 94406 14466

Mail Id : vasjrs2004@gmail.com

Name of Coordinator : Mrs. S. Jyothirmayee,Asst.Professor , CSE Dept.

Number of students attended :42

Objective of the event :

- Purpose of DBMS.
- Security in DBMS.
- To help the students take their 1st step into PL/SQL with an introduction to the concepts.
- To provide the students with an opportunities to understand the concepts and wages of PL/SQL.

Topics covered :

1. Security in Database.
2. PL/SQL concepts.

Outcome of the event :

This workshop helps students how to secure a database from unauthorised access. Students learn how to use PL/SQL concepts.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 11-09-2017

Program Report

Name of the Event : A one day workshop on SIGNALS AND SYSTEMS .

Date / Duration : 08-09-2017 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. M. Radhikamani, HOD, Pragati Engineering College

Name of Coordinator : Mr. V. Sivakrishnan, Asst. Professor , ECE Dept.

Number of students attended : 68

Objective of the event :

The basic objective is to be able to describe signals mathematically and understand how to perform mathematical operations on signals.

Topics covered :

Signals and System representation, Convolution and Impulse response, Fourier series, Fourier Transform, Laplace transform, State variable analysis of continuous and discrete system.

Outcome of the event :

On completion of source the student will be able to

1. Analyze the discrete time signals and systems using different transform techniques.
2. Design and implementation of LTI filters for filtering different real world signals.

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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 19-09-2017

Program Report

Name of the Event : A one day workshop on POWER ELECTRONICS AND DRIVES.

Date / Duration : 16-09-2017 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. K. Satya Narayana, Prof & HOD-EEE, Pragati Engineering College

Ph.No. : 9000195104

Mail Id : smkola@gmail.com

Name of Coordinator : Mr. G. Ravikumar, Asst. Professor , EEE Dept.

Number of students attended : 38

Objective of the event :

power Electronics studies the application of semiconductor devices to the conversation and control of Electrical energy. To simulate and test the rectifier on different load like Resistive, Inductive and Capacitive.

Topics covered :

Industrial starter of Induction motors and drives.

Outcome of the event :

Modern trend in power electronics and drives using MATLAB also.

G. Ravikumar
CO-ORDINATOR

Ch. Venkatesh Kumar
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 19-07-2017

Program Report

Name of the Event : Guest lecture on recent-trends in thermodynamics.

Date / Duration : 16-07-2017| 10:00 Am to 05:00 Pm.

Resource Person : Dr. T. Jayanand kumar, professor & H.O.D,MECH Department,

GIET Rajahmundry,

Ph. No.: 9440128113,

Mail Id : jktatipaka@gmail.com

Name of Coordinator : Mrs. R . Vijayalakshmi.

Number of students attended : 50

Objective of the event :

- To introduce pv, tv, and pt diagrams and pt surface.
- To give students exposure to air standard cycles (otto, diesel, and dual cycles).
- Refrigeration cycle.

Topics covered :

- Otto, diesel, dual combustion cycles.
- Clowis and kelvin plank statements.
- Refrigeration cycles.

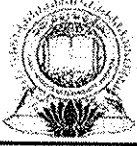
Outcome of the event :

The student will be able to

- Describe recent development in refrigeration cycles.
- Understand the basis of second law of thermodynamics.
- Understand the entropy concept.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 22-12-2017

Program Report

Name of the Event: A two days workshop on Design and Drawing of Reinforced Concrete Structures.

Date / Duration : 18-12-2017 to 19-12-2017 | 10:00 AM to 05:00 PM.

Resource Person : Mr. M. Anjana Kumar, BVC Rajahmundry,

Ph. No. 94416 55986,

Mail Id: anjan_mantri@gmail.com

Name of Coordinator : Mrs. K. Manjusha, Asst. Professor , CE Dept.

Number of students attended : 24

Objective of the event :

1. To learn the basic concepts & principles of designing & drawing of reinforced concrete structures.
2. To understand the concepts of design and detailing of flexular members, shear, bond and torsion.
3. To learn different types of compression members and their design.

Topics covered :

1. Method of design and their principles.
2. Design of flexure.
3. Slabs and footings.
4. Compression members.

Outcome of the event :

The student will be able to

1. Work on different types of design philosophies.
2. Design detailing , analyze & proportioning of reinforced concrete members & structures.
3. Use of standard code & design aids used for design of reinforced concrete structures.

Manjusha
CO-ORDINATOR

[Signature]
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2018-2019



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 13-07-2018

Program Report

Name of theEvent : Workshop on “ SAFETY AWARENESS PROGRAMME”.

Date/Duration : 11-07-2017 10:00 Am to 05:00 Pm.

Resource Person : Mr.K. Srinivasrao, Jayaram automobiles, Kakinada,

Ph. No.: 9440681047,

Mail Id :heromotorcorp.jayaram@gmail.com

Name of Coordinator : Mr. B . Dharma Kumar , Asst .Prof.

Number of students attended : 52

Objective of the event :

- Concentrates on general safety awareness.
- Safe working habits and safe operating procedures.
- Different hazards and machinery.

Topics covered :

- Workshop at employer & employee responsibility.
- Safety signs.
- Preventing accidents.

Outcome of the event :

The student will be able to

- Learn about the importance of safety signs and what the various types of signs.
- Learn how to prevent accidents in workshop and what should be done in case of emergency.

B. Dharma
CO-ORDINATOR

R. V. S.
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 06-08-2018

Program Report

Name of theEvent : Two days workshop on OVERVIEW ON THERMODYNAMICS.

Date/Duration : 02-08-2018,03-08-2018|10:00 Am to 05:00 Pm.

Resource Person : Mr. V. Sivaprasad, Coaching center, Hyderabad,

Ph. No.:9515718191,

Mail Id :sivakkd26@gmail.com

Name of Coordinator : Mrs. R. Vijayalakshmi , Asst .Prof, ME Dept.

Number of students attended : 72

Objective of the event :

- To provide basic knowledge of work and heat transfer.
- To explore the present trends in thermodynamics.
- To give students to concepts of entropy.

Topics covered :

- Work and heat transfer.
- First law of thermodynamics applied to (i) closed system (ii) open system.
- Concept of entropy.

Outcome of the event :

The student will be able to

- Describe the present trends in second law of thermodynamics.
- Student will understand and apply knowledge on properties of steam, (raukine cycle-use of steam tables).


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 11-12-2018

Program Report

Name of the Event : A one day workshop on COMPUTER ORGANIZATION.

Date / Duration : 07-12-2018 | 10:00 AM to 05:00 PM.

Resource Person : Dr. M. Radhika Mani, Associated Prof, CSE,Pragathi Engineering college

Ph.No. : 94404 84800

Mail Id : radhika_madireddy@gmail.com

Name of Coordinator : Mrs.R.V.V.G.Lakshmi, Asst. Professor , CSE Dept.

Number of students attended : 52

Objective of the event :

To understand the Structure function and characteristics of Computer System. To understand design of various functional units and components of computer.

Topics covered :

1. Basic Computer Instructions.
2. Instruction Design and Format.
3. Computer Arithmetic.

Outcome of the event :

- To understand the Structure, function and characteristics of Computer System.
- Design various functional unit and components of computer.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 14-12-2018

Program Report

Name of the Event : A one day workshop on SOFTWARE ENGINEERING.

Date / Duration : 11-12-2018 to 12-12-2018 | 10:00 AM to 05:00 PM.

Resource Person : Dr. P. Vamsi Krishna Raja, prof in CSE dept.

Director, Innovations & incubations,

Swarnandhra college of engineering & Technology(Autonomous),Narsapuram.

Ph.No. : 63008 12123

Mail Id : drpvkraj@swarnandhra.ac.in

Name of Coordinator : Mrs. S. Jyothirmayee, Asst. Professor , CSE Dept.

Number of students attended : 52

Objective of the event :

1. Reliability- an attribute of software quality.
2. A tool or methodology to assist software developers in reaching the goals.

Topics covered :

- Databases
- Programming tools.
- Libraries.

Outcome of the event :

An ability to identify formulate and solve complex engineering problems by applying principle of Engineering, Science and Mathematics.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 15-12-2018

Program Report

Name of the Event : A one day workshop on SUSTAINABLE GREEN CONSTRUCTION AND ASSESSMENT .

Date / Duration : 12-12-2018 | 10:00 Am to 05:00 Pm.

Resource Person : Mr.A.Srinivas

Ph.No. : 9701405241

Mail Id : sreenee.a@gmail.com

Name of Coordinator : Mrs. R. Gayatri Devi, Asst. Professor , CE Dept.

Number of students attended : 51

Objective of the event :

- To introduce the concept of sustainable construction of different attributes.
- Principles of sustainable construction.
- Recent advancements in constructions.
- Purpose of sustainability assessments.

Topics covered :

- Principles of sustainable construction.
- Attributes of sustainable constructions.
- Case studies.
- Report information gathering for decision making during different phases of construction, design and use of a building.

Outcome of the event :

The student will be able to

- Understand the concepts of green building.
- Green buildings recent advancement and case studies
- Know the different systems employed for the design , construction.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 17-12-2018

Program Report

Name of the Event : A one day workshop on SUPER CONDUCTIVITY and ENGINEERING APPLICATIONS.

Date / Duration : 14-12-2018 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. S. Srikanth, HOD-EEE, BVC Engineering College

Ph.No. : 93465 47224

Mail Id : srikanth@gmail.com

Name of Coordinator : Mr. A. Ramesh, Asst. Professor , EEE Dept.

Number of students attended : 36

Objective of the event :

Super Conductivity is discuss classical aspects of super conductors followed by study of their Thermodynamic and Magnetic properties and Electrodynamic response.


Topics covered :

1. High Temperature super conductors.
2. Phasor measurement units.

Outcome of the event :

The meaning of the newly define terms and symbols. Distinguish between perfect conduction and perfect Diamagnetism.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 10-01-2019

Program Report

Name of the Event : A two days workshop on Total station theodolite.

Date / Duration : 05-01-2019 to 06-01-2019 | 10:00 AM to 05:00 PM.

Resource Person : Mr. D. Venkateswarlu, Prof. & H.O.D. Civil Dept., GIET Rajahmundry,

Ph. No.: 94402 48032,

Mail Id : venkateswarlu@gmail.com

Name of Coordinator : Mr. R. Kiran Kumar, Asst. Professor , CE Dept.

Number of students attended : 56

Objective of the event :

- To introduce the basics of total station and theodolite
- Various methods of linear and angular measurements by using total station and theodolite
- To provide methods for calculating areas and volumes

Topics covered :

- Principles, adjustments in theodolite and total station
- Measurement of vertical and horizontal angles
- Real time use in construction industry

Outcome of the event :

The student will be able to

- Use theodolite and total station
- Perform different methods of surveying
- Compute various data required for surveying

R.K. Kumar
CO-ORDINATOR

[Signature]
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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 09-01-2019

Program Report

Name of the Event : A one day workshop on POWER SYSTEMS STABILITY AND FACTS TO IMPROVE IT.

Date / Duration : 06-01-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. G. Naresh, Prof & Dean Administration, Pragati Engineering College

Ph.No. : 98498 98440

Mail Id : naresh.elec@gmail.com

Name of Coordinator : Mr. M.Jagadeesh, Asst. Professor , EEE Dept.

Number of students attended : 35

Objective of the event :

power transfer capability and controllability is enhanced by using FACTS devices. New development in Power Electronics and control have extended the application range of FACTS.

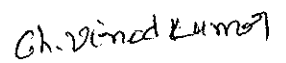
Topics covered :

Steady state stability transient stability dynamic stability applications of FACTS.

Outcome of the event :

Modern technology Power Systems stability and facts to improve it. Different connections are used(Series and Shunt Compensation).


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 11-01-2019

Program Report

Name of the Event : A one day workshop on ELECTRONICS CIRCUITS ANALYSIS.

Date / Duration : 07-01-2019 & 08-01-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. V. Sailaja, Professor, Pragathi Engineering College

Ph.No. : 94914 44434

Mail Id : sailaja.v@pragathi.ac.in

Name of Coordinator : Mrs. P. V. Ratnam , Asst. Professor , ECE Dept.

Number of students attended : 40

Objective of the event :

- To provide a methodical approach to solving .
- To understand the concept of graphical solution to electrical networks.
- To analyze various types of filters and attenuators.

Topics covered :

- Resistive elements & networks.
- Circuit method including KCL, KVL & the Node method.
- Independent & dependent sources.
- Linearity superposition, Thevenin & Norton methods.
- Combinational gates, MOSFET Switches

Outcome of the event : Upon completion of the students use basic electrical DC concepts & theorems to Analyze circuits. Build and simulate electrical DC circuits and perform measurement with electronic test equipments.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 30-01-2019

Program Report

Name of the Event : A two days workshop on DISTRIBUTED SYSTEM.

Date / Duration : 24-01-2019 & 25-01-2019 | 10:00 AM to 05:00 PM.

Resource Person : Dr. P. Vamsi Krishna Raju, prof in CSE dept.

Director, Innovations & incubations,

Swarnandhra college of engineering & Technology(Autonomous),Narsapuram.

Ph.No. : 63008 12123

Mail Id : drpvkraj@swarnandhra.ac.in

Name of Coordinator : Mrs. M. Jaysree, Asst. Professor , CSE Dept.

Number of students attended : 53

Objective of the event :

- Make it easy for users to access remote resources and share them with other resources.
- Enable users to access Services and run application.

Topics covered :

1. Concepts of distributed System.
2. Layers of Systems and Introduction of all the systems.

Outcome of the event :

1. To analyse the current popular distributes systems.
2. To know about shared memory techniques.

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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 24-01-2019

Program Report

Name of the Event : A one day workshop on COMPUTER NETWORKS.

Date / Duration : 22-01-2019 | 10:00 AM to 05:00 PM.

Resource Person : Dr. M. Radhika Mani, Prof in CSE Dept,

Pragathi Engineering College, Surempalem.

Ph.No. : 9440484800

Mail Id : hod_cse@pragathi.ac.in

Name of Coordinator : Mr. M. Kiran, Asst. Professor , CSE Dept.

Number of students attended : 50

Objective of the event :

1. Resource Sharing.
2. Create all programs data and hardware accessible to anyone on network.

Topics covered :

1. Network management
2. Network Security
3. Telecom network.

Outcome of the event :

Explores architecture, components, functions, protocol and application of Internet and Computer networks.

CO-ORDINATOR

HOD



Date: 21-02-2019

Program Report

Name of the Event : A one day workshop on ANALOG COMMUNICATION .

Date / Duration : 18-02-2019 | 10:00 AM to 05:00 PM.

Resource Person : Mr. G. Rama Krishna, HOD, Aditya College of Engineering,

Ph.No. : 97012 93003

Mail Id : hodece@acoe.edu.in

Name of Coordinator : Mrs. N. Tejasri, Asst. Professor , ECE Dept.

Number of students attended : 49

Objective of the event :

- Familiarize with the fundamentals of analog communication.
- Familiarize with various techniques for analog modulator and demodulator.
- Familiarize with basic techniques for generating and demodulating various pulse modulated signals.

Topics covered :

Modulation techniques like AM, FM, ANGLE Modulation, PWM, PPM.

Outcome of the event :

- Design simple analog system for various modulation techniques.
- Analyze more characteristics of various analog modulation methods.
- Differentiate various analog modulation and demodulation schemes and their spectral characteristics.

N.T.Sri
CO-ORDINATOR

Alkumar
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 14-03-2019

Program Report

Name of the Event : A one day workshop on POWER ELECTRONICS AND DRIVES.

Date / Duration : 11-03-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. K. Satya Narayana, Prof & HOD-EEE, Pragati Engineering College

Ph.No. : 9000195104

Mail Id : smkola@gmail.com

Name of Coordinator : Mr. D. Madhhu, Asst. Professor , EEE Dept.

Number of students attended : 54

Objective of the event :

1. Speed control of AC and DC motors.
2. Latest converters based on Power Semi Conductor devices.

Topics covered :

- Power electronics devices using motors.
- Synchronous and induction motors.

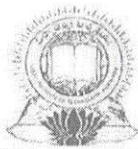
Outcome of the event :

- To control AC and DC loads using PWM technology.
- To describe the converter to topologies of various loads.

CO-ORDINATOR

Ch. Vinod Kumar
HOD

2019-2020



Date: 11-07-2019

Program Report

Name of the Event : A two days workshop on QUANTITY SURVEYING AND CONSTRUCTION MANAGEMENT.

Date / Duration : 05-07-2019 to 06-07-2019 | 10:00 AM to 05:00 PM.

Resource Person : Mr. M. Anjana Kumar, BVC Rajahmundry,

Ph. No. 94416 55986,

Mail Id: anjan_mantri@gmail.com

Name of Coordinator : Mrs. K. Sumavalli, Asst. Professor , CE Dept.

Number of students attended : 56

Objective of the event :

1. To introduce the concept of construction management.
2. To learn network drawing and monitoring various equipments.
3. To learn how to estimate cost of materials , labour and constructions projects.

Topics covered :

1. Construction project management and it's relevance.
2. Construction equipments.
3. Specific aspects of estimating including quantity surveying , labour , costing and other cost for construction projects.

Outcome of the event :

The student will be able to

1. Recognize the value of cost estimating process phase in the construction project life cycle.
2. Know the methods of production of aggregate products and concreting and usage of machinery required for the works.
3. Apply the gained knowledge to project management and construction techniques.


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Web : www.idealtech.edu.in

Email : principal@idealtech.edu.in

Program Report

Date: 11.07.2019

Name of the Event: A one day workshop on ARTIFICIAL INTELLIGENCE

Duration/Dates: 06-07-2019 | 10:00 AM to 05:00 PM.

Resource Person : Dr. P. Vamsi Krishna Raja, Professor in CSE Dept, Swarnandhra College of Engineering & Technology, Narsapuram. Ph no: 6300812123, Email Id: drpvkraj@swarnandhra.ac.in

Name of the Co-ordinator: Ms R. Sri Divya, Assistant Professor, CSE Department.

Number of students attended : 59

Objectives of the event:

To enable computers to perform intellectual task as decision making, problem solving, perception understanding human communication.

Topics covered:

1. Neural Networks
2. Machine learning
3. Robotics.

Outcome of the event:

Applying basic principles of AI in solutions which require problem solving, Inference, Perception and learning.


Programme Co-ordinator


Head of the Department

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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 10-07-2019

Program Report

Name of the Event : A one day workshop on ARTIFICIAL INTELLIGENCE .

Date / Duration : 06-07-2019 | 10:00 Am to 5:00 Pm.

Resource Person : Dr. M. Sivakumar, Prof, KL University, Guntur

Ph. No. -89858 22821

Name of Coordinator : Mr. V. Sivakrishnan, Asst. Professor , ECE Dept.

Number of students attended : 52

Objective of the event :

The basic objective of Artificial Intelligence is to enable computers to perform such intellectual tasks as decision making, Problem solving, Understanding human communication in any language.

Topics covered :

Human-Machine teaming and human interactions, Cyberbiosecurity, machine learning, Deep learning, Computer Vision, Reinforcement learning.

Outcome of the event :

AI increases efficiency and refocuses daily tasks and efforts with an emphasis on creation and creativity. This allows people to do their jobs better and focus on high-value customers activities.


CO-ORDINATOR


HOD



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Date: 23-07-2019

Program Report

Name of the Event : A one day workshop on MATLAB.

Date / Duration : 20-07-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. D. Ravi Kumar, Prof , GIET Engineering College

Ph.No. : 94907 11464

Mail Id : dravikishore@gmail.com

Name of Coordinator : Mr. K. Venkateswarao, Asst. Professor , EEE Dept.

Number of students attended : 33

Objective of the event :

- Supports object oriented programming.
- MATLAB has inbuilt graphics to enhance user experience.

Topics covered :

Data types, Matrix, String, Cell and Structure creating, Accessing elements and manipulating of different types.

Outcome of the event :

Able to use MATLAB for interactive computations. Familiar with memory and file management in MATLAB.

K. Venkateswar Rao
CO-ORDINATOR

Ch. Vinod Kumar
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 04-08-2019

Program Report

Name of the Event : A one day workshop on COMPUTER ORGANIZATION.

Date / Duration : 01-08-2019 | 10:00 AM to 05:00 PM.

Resource Person : Dr. M. Radhika Mani, Prof in CSE Dept,

Pragathi Engineering College, Surempalem.

Ph.No. : 9440484800

Mail Id : hod_cse@pragathi.ac.in

Name of Coordinator : Mr. M. Kiran, Asst. Professor , CSE Dept.

Number of students attended : 66

Objective of the event :

Basic digital hardware with which the processor is built. Basic interface for digital hardware to the Compiler and OS.

Topics covered :

- Computer Architecture.
- Computer Organization.

Outcome of the event :

This workshop gives the knowledge about the study of applications binary interface of Computer Organization.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 03-08-2019

Program Report

Name of the Event : A one day workshop on COMPUTER ORGANIZATION .

Date / Duration : 01-08-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Mrs. M. Radhika Mani, Professor, Pragathi Engineering College

Ph.No. : 94404 84800

Mail Id : radhika_manireddi@yahoo.com

Name of Coordinator : Mr. B. V. Kalyan Ram, Asst. Professor , ECE Dept.

Number of students attended : 40

Objective of the event :

The computer organization is concerned with the structure & behavior of digital computers. The main objective of this subject is to understand the overall basic computer hardware structure, including peripheral devices.

Topics covered :

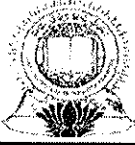
Trends in computer architecture, state-of-the-art microprocessor design, memory system design, hardware reliability, hardware security.

Outcome of the event :

Upon completion of this course, the students will be able to describe the fundamental organization of a computer system, explain the fundamental units of a processor.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 20-08-2019

Program Report

Name of the Event : A one day workshop on REAL TIME OPERATION and control of POWER SYSTEMS.

Date / Duration : 17-08-2019 | 10:00 Am to 05:00 Pm.

Resource Person : Dr. S. Srikanth, HOD-EEE, BVC Engineering College

Ph.No. : 93465 47224

Mail Id : srikanth@gmail.com

Name of Coordinator : Mr. G. Ravi Kumar, Asst. Professor , EEE Dept.

Number of students attended : 33

Objective of the event :

It will help them to handle real time projects on Power Systems instead of restricting themselves to simulation. Understand the real Power System concept and will be motivated to contribute.

Topics covered : Performance analysis of transmission line

- Voltage control- Shunt compensation
- Voltage control- Series compensation
- Real Power control- Passive Series compensation
- Real Power control- Active Series compensation.

Outcome of the event : Real time control and monitoring of grid system of power using cloud computing.

G. Ravi Kumar
CO-ORDINATOR

Christina Kumari
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 07-01-2020

Program Report

Name of the Event : One day workshop on NON DESTRUCTIVE TESTING.

Date/Duration : 03-01-2020 | 10:00 Am to 05:00 Pm.

Resource Person : Mr. T. Meherpretham, CEO , UIDIL NDT, Vijayawada,

Ph. No.: 8886014800,

Mail Id : pretham@gmail.com

Name of Coordinator : Mrs. J. L. Pratyusha, Asst .Prof, ME Dept.

Number of students attended : 61

Objective of the event :

- To analysis technique used by industry to evaluate the properties of a material, compound, structure.
- It is ever possible to detect AE from plasticization in highly stressed areas before a crack forms.

Topics covered :

- Visual optical methods.
- Basic theory of magnetism.
- Field indications.

Outcome of the event :

The student will be able to

- Describe the ultrasonic testing, basic of ultrasonic waves.
- Illustrate recent development in kaiser-felicity theory.
- Describe image interpretation, radiation.


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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 11-01-2020

Program Report

Name of the Event: A two days workshop on Fibre Reinforced Concrete.

Date / Duration : 17-01-2020 to 18-01-2020 | 10:00 AM to 05:00 PM.

Resource Person : Mr. M. Anjana Kumar, BVC Rajahmundry,

Ph. No. 94416 55986,

Mail Id: anjan_mantri@gmail.com

Name of Coordinator : Mrs. M. Geeta Sri, Asst. Professor , CE Dept.

Number of students attended : 56

Objective of the event :

1. To understand the performance of fibre reinforced concrete
2. To learn the applications of Fibre Reinforced Concrete.
3. To know the merits and demerits of Fibre Reinforced Concrete.

Topics covered :

1. Types of Fibre Reinforced Concrete(FRC).
2. FRC materials
3. Mixture compositions and placing,
4. Applications of Fibre Reinforced Concrete.

Outcome of the event :

The student will be able to

1. Ability to describe the properties of Fibre Reinforced Concrete.
2. Ability to understand the strength of Fibre Reinforced Concrete.
3. Ability to understand the various applications of Fibre Reinforced Concrete.

M. Geeta Sri
CO-ORDINATOR

Anjan
HOD



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Date: 23-03-2020

Program Report

Name of the Event : A two days workshop on Python Programming.

Date / Duration : 17-03-2020 & 18-03-2020 | 10:00 AM to 05:00 PM.

Resource Person : Dr. B. Sujatha, Prof & HOD im CSE Dept.

GIET Engineering College(Autonomous),Rajamahendravaram.

Ph.No. : 9490479692

Mail Id : birudusujatha@yahoo.com

Name of Coordinator : Mrs. Jayasree, Asst. Professor , CSE Dept.

Number of students attended : 50

Objective of the event :

To teach how to access the massive repositories of great Python Scripts available online. To make everyone to improve the potential of Python.

Topics covered :

Core Python language. Standard library in detail. Various skills needed for programming.

Outcome of the event :

Able to use python to create fun and exciting codes. This workshop allow you to interact with the real world data.

CO-ORDINATOR

HOD

2020-2021



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Vidyut Nagar, KAKINADA - 533 003. (A.P.)

Program Report

Date:21.12.2021

Name of the programme: One day Seminar Program on “Professional Ethics & Human Values”

Duration/Dates: One day/ 18.12.2021/10:AM to 5:PM

Resource personal details: Sri V. Kamaraju, MBA HOD, Ideal College of Arts & Science, Ph.No:9949099150, E Mail Id: vuppalapatikamaraju@gmail.com

No. of participants: 45

Programme co-ordinator: Mr.M. Jagadesh, Assistant Professor, E.E.E.

Objective of the programme:

- To learn the value and importance of integrity
- Improve self confidence and skills
- Treat everyone with humanity

Topics covered:

- Individual behaviour to improve skills and ethical behaviour
- Personal ethics and moral values
- Corporate rules and Core values
 1. Integrity
 2. Ethics
 3. Principles
 4. Accountability
- Professional Ethics- what is right or wrong

Outcome of the programme:

- Ability to understand ethical and core values
- Ability to understand caring and sharing to others


Programme co-ordinator


Head of the department



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Program Report

Date: 28.11.2021

Name of the programme: One day Seminar Program on “Intellectual Property Rights”

Duration/Dates: One day/ 26.11.2021/10:AM to 5:PM

Resource personal details: Ms.M .Sireesha ,Assistant Professor,MBA,Ideal Institute of Technology,Kakinada,Ph.no:9063235555, E Mail Id :vbharathips@gmail.com.

No. of participants: 50

Programme co-ordinator: Mr.N.Rahul Khanna , Assistant Professor.

Objective of the programme:

The main objective of IPR is to create public awareness about the benefits of intellectual property among all section of society and to stimulate the creation and growth of intellectual property by under taking relevant measures and also IPR refer to the purpose of protection granted to creators of innovative intellectual creations.

Topics covered:

- Patents, Applying for patent
- Intellectual property
- Trade marks, categories males
- Trade secrets
- Intellectual property articles

Outcome of the programme:

- Understand the rights of IPR given to persons over the creations of their importance
- Understand the intellectual property law


Programme co-ordinator


Head of the department