



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

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

Date: 09-06-2017

CIRCULAR

All the III B.Tech (CSE) students are hereby informed that A Two days workshop on "Database Management System " will be conducted on 20-06-2017 & 21-06-2017. All interested students can enroll their names with Mrs. S. Jyothirmayee, Asst. Professor, CSE Dept on or before 16-06-2017. The details of topics and resource persons are available in brochure displayed in CSE department notice board.

Venue : CSE Department, E-Class Room.


HOD


PRINCIPAL

Circulate among III B.Tech students

HODs are informed to circulate among concerned staff members

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IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA



(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Vidyut Nagar, KAKINADA - 533 003. (A.P.)

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.


CO-ORDINATOR


HOD


Principal
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About Workshop

The motivation behind this workshop is to give hands on learning experience to the students. Learners will gain the working knowledge on how to secure a database and pl/sql concepts

Learning Goals

Create database-level applications using Oracle PL/SQL. Participants will be exposed to various advanced PL/SQL techniques . Exercises and lab sessions reinforce the learning objectives and provide participants the opportunity to gain practical hands-on experience.

Database security refers to dedicated means used to protect data stored in databases or database management software from hacker attacks and insider-driven threats. It includes a multitude of processes, tools and strategies that ensure security of a database environment.

The goal of database security is the protection of data against threats such as accidental or intentional loss, destruction or misuse. These threats pose problems to the database integrity and access.

Students will learn and practice the skills needed to implement these components in real-world automated data collection scenarios. The course is delivered in a workshop format that enables students to learn at their own pace.

DAY 1	Purpose & Security in DBMS
DAY 2	PL/SQL Concepts

Program Committee

Chief Patrons:

Dr. P. Krishna Rao
Chairman

Patrons:

Dr. P. Chiranjeevini Kumari
Secretary & Correspondent

Principal:

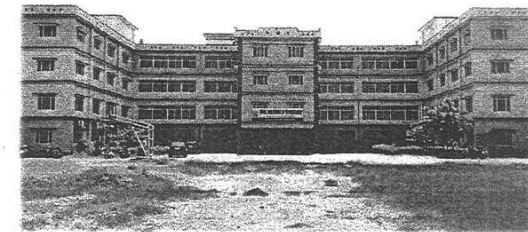
Dr. T. Srikanth

Convenor:

Mr. M.S.R.S.Prasad, Assoc. Prof.
HoD, CSE

Coordinators:

Smt. S. Surya Sri, Asst. Prof.
Smt. R.V.V.G.Lakshmi, Asst. Prof.
Smt. S. Indira Spandana, Asst. Prof.
Smt. S. Jyothirmayee, Asst. Prof.
Ms. N.D.Deepti Priya, Asst. Prof.
Mr. T.Srinivasulu, Asst. Prof.
Ms. N.Veeramani, Asst. Prof.
Mr. R.S.V.V.Prasad Rao, Asst. Prof.



TWO DAY WORKSHOP
ON
“ DATABASE MANAGEMENT SYSTEM”

20th Jun 2017 to 21st Jun 2017

Organized by
Department of CSE

1-8
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IDEAL INSTITUTE OF TECHNOLOGY
VIDYUT NAGAR, KAKINADA

About the College

Ideal Institute of Technology was established under the aegis of Governing Body of Ideal college of Arts and Sciences during academic year 2009-2010. The educational Society of Ideal Institutions has been rendering yeoman service in the glorious field of education for the past 40 years.

The Education Society is the outcome of honoured philanthropists, educationists, intellectuals and elite of Kakinada such as (Late) P. V. N. Raju, Dr. N. S. R. Sastry, Dr. P. Chiranjeevini Kumari. Ideal institutions have started from school and blossomed into group of colleges. Ideal Institutions are of its own kind in rendering service to society and value-based education.

During early seventies Kakinada used to have only two colleges. Student community used to suffer a setback to upgrade their education even to the level of intermediate.

The ideal junior college had been started to cater to the needs of student community. In due course the jr college flourished into Degree college and P.G courses like M.B.A, M.C.A, M.A, M.Sc and Engineering College.

Now the college is run under the expertise of Dr. P Krishna Rao, Chairman of Pragati Engineering College to improve the Capabilities and Job potentials of the students.

Ideal institute of technology is one and only institute which is located in the midst of Kakinada amid mango groves in the lap of Nature.

In this present era of knowledge and technology driven economy, globalization and liberalization, every employer and the industry house seeks employees to be productive and possess skills, competence and values. This is exactly what we at Ideal Institute endeavor to provide to our students. The spirit of innovation, modernization and student-centric teaching-learning are the corner stones of academics at Ideal Institute.

The faculty members strive to promote a sense of enquiry and questioning among their students. The culture at the institute is one of openness, mutual trust and faith most conducive to unconditional commitment to learning.

Our faculty colleagues thrive on a diet of commitment towards excellence. We believe that learning shall be a joy and teaching a pleasure

The Institute is committed to generate, disseminate and preserve knowledge to work with others to bring this knowledge to face the global challenges. We are committed to provide our students an education that combines the rigours of academics and the grind of application along with the excitement of discovery.

We seek to develop in each member of the Ideal community the ability and passion to work wisely, creatively and effectively for the betterment of mankind.

The Institute extends moral and placement support too. Value based education, mentoring and character building, job oriented short term courses, guest speakers from the industry, visits to industry houses, Entrepreneurship Development Programmes are our

main stay Students live in a unique environment that promotes culture, sports, society contributions, and above all the self-governance.

The institute is always abuzz with new ideas and is an exciting place to be, if you happen to be dreamer.

The Institution is having more than 1,50,000 sft., built up area with well established laboratories in each department to cater to the needs of the students. Besides the Institution is providing transport facility to the needy and also have good sports and canteen facilities.

A team of well qualified and experienced faculty members mould the young students into future Engineers of world.

Introduction to Data Base Management System

The database management systems are highly essential for organizations in managing different databases and retrieving relevant information. This management system is used in various organizations as an interface that helps users in forming a connection with the databases. Additionally, it helps in organizing data in a way that it can be accessed easily.

The data obtained and stored by the organizations play a crucial role in targeting their goals and help in forming their business strategy. A database management system can store, organize, and monitor big or small information, just by using one software application. The use and implementation of a data system can help businesses in performing well and allows them to save overall costs.

A two days workshop on *Management System*

IDEAL INSTITUTE OF TECHNOLOGY::KAKINADA
III B.TECH CSE STUDENTS

S.NO	ROLL NO	STUDENT NAME
1	156K1A0501	A S V V SATYA DURGA SAI SRI PRAVALLIKA
2	156K1A0502	ANISSETTI NAGA SAI RESHMA
3	156K1A0503	ANJALI SRI HARSHITHA KURMA
4	156K1A0504	BONAM LAKSHMI JOSHNA
5	156K1A0505	CHIRAVURI SUREKHA
6	156K1A0506	DEVALLA ACHYUTHA RAMYA
7	156K1A0507	DHULIPALA SRI VENKATA SURYA ALEKHYA
8	156K1A0508	GOLLAPALLI SRI SATYA
9	156K1A0509	GUTHULA BABY
10	156K1A0510	JONNAKUTI VIJAY KUMAR
11	156K1A0513	KUDUPUDI ABHISHEK
12	156K1A0515	MACHIRAJU LAKSHMI NARASIMHA RAJA VAMSI
13	156K1A0516	MADASU VENKATA LAKSHMI
14	156K1A0517	MALLADI RAMA SAI SRIKANTH
15	156K1A0519	MUDUNURI SRI SURYA PRAGNA
16	156K1A0520	MULIKI TATABABU
17	156K1A0522	NIMUSHAKAVI VENKATA SAI MADHUMITRA
18	156K1A0524	PABBINEEDI HIMAROJA
19	156K1A0525	PARUPALLI ATCHYUTH RAM
20	156K1A0527	PILLA RAMA LAKSHMI SOWMYA
21	156K1A0528	PINNI SARADA
22	156K1A0529	POLISSETTI SURYA TEJA RAJA RAJESWARI
23	156K1A0530	SANA KAVYA DEEPIKA
24	156K1A0531	SATYA VEENA NADIMPALLI
25	156K1A0533	TALATAM TANMAY SRIRAM PRIYA
26	156K1A0530	SANA KAVYA DEEPIKA
27	156K1A0531	SATYA VEENA NADIMPALLI
28	156K1A0533	TALATAM TANMAY SRIRAM PRIYA
29	156K1A0535	VEESAM BHARATHI
30	156K1A0536	VELAGALA LAKSHMI PRIYA
31	156K1A0537	VELAGALA VAISHNAVI MOUNIKA
32	156K1A0538	VIGNESH VARMA NADIMPALLI
33	156K1A0539	YEDDU AJAY KUMAR
34	156K1A0540	YEDIDA RESHMA
35	156K1A0541	DAVULURI GYANA SAIRAM KRISHNA KANTH
36	166K5A0503	GUTTULA ISSAC RAJ KUMAR
37	166K5A0504	JONNAKUTI SURYA TEJA
38	166K5A0505	KADIYALA AJAY KUMAR
39	166K5A0506	KARRI LAKSHMIDEVI
40	166K5A0507	PETTELA VINAY KUMAR
41	166K5A0510	VADAPALLI DURGA PRASAD
42	166K5A0511	VANAMADI RAVI VARMA

T. S.
Principal

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IDEAL INSTITUTE OF TECHNOLOGY

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

Date: 31-08-2017

CIRCULAR

All the III B.Tech (ECE) students are hereby informed that A Seminar on "Signals & Systems" will be conducted on 08-09-2017. All interested students can enroll their names with Mr. V. Siva Krishnan, Asst. Professor, ECE Dept on or before 03-09-2017. The details of topics and resource persons are available in brochure displayed in ECE department notice board.

Venue : ECE Department, Seminar hall.


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IDEAL INSTITUTE OF TECHNOLOGY

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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.


CO-ORDINATOR


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(that is to say, sound) strike the diaphragm of a microphone which induces corresponding fluctuations in the current produced by a coil in an electromagnetic microphone, or the voltage produced by a condenser microphone. The voltage or the current is said to be an "analog" of the sound.

An analog signal has a theoretically infinite resolution. In practice an analog signal is subject to electronic noise and distortion introduced by communication channels and signal processing operations, which can progressively degrade the signal-to-noise ratio (SNR). In contrast, digital signals have a finite resolution. In analog systems, it is difficult to detect when such degradation occurs. However, in digital systems, degradation can not only be detected but corrected as well.

Systems:

A system is defined by the type of input and output it deals with. Since we are dealing with signals, so in our case, our system would be a mathematical model, a piece of code/software, or a physical device, or a black box whose input is a signal and it performs some processing on that signal, and the output is a signal. The input is known as excitation and the output is known as response.

Conversion of analog to digital signals

Since there are a lot of concepts related to this analog to digital conversion and vice-versa. We will only discuss those which are related to digital image processing. There are two main concepts that are involved in the conversion.

- ▶ Sampling
- ▶ Quantization

Topics Covered:

- Basic Signals
- Analog and Digital Signals
- Sampling
- Quantization
- Systems
- Continuous Systems
- Discrete Systems

Topic	Signals and Systems
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Program Committee

Chief Patrons:

Dr. P. Krishna Rao
Chairman

Patrons:

Dr. P. Chiranjeevini Kumari
Secretary & Correspondent

Principal:

Dr. T. Srikanth

Convenor:

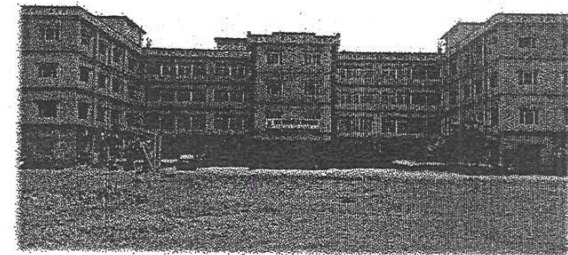
Mr. Bh.V.S.R.K.Ayyappa Kumar, Assoc. Prof., HoD, ECE

Coordinator:

Smt. V S Krishnan, Asst. Prof.

Resource Person:

Dr. M.Radhakamani, HOD
Dept. of CSE,
Pragati Engineering College



WORKSHOP ON SIGNALS AND SYSTEMS

8th September 2017

Organized by
Department of ECE

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IDEAL INSTITUTE OF TECHNOLOGY
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About the College

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Introduction to Signals and Systems

In electronics and communication engineering, the fundamental quantity of representing some information is called a signal. It does not matter what the information is i.e: Analog or digital information. In mathematics, a signal is a function that conveys some information. In fact any quantity measurable through time over space or any higher dimension can be taken as a signal. A signal could be of any dimension and could be of any form.

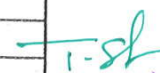
An analog signal uses some property of the medium to convey the signal's information. For example, an aneroid barometer uses rotary position as the signal to convey pressure information. In an electrical signal, the voltage, current, or frequency of the signal may be varied to represent the information.

Any information may be conveyed by an analog signal, often such a signal is a measured response to changes in physical phenomena, such as sound, light, temperature, position, or pressure. The physical variable is converted to an analog signal by a transducer. For example, in sound recording, fluctuations in air pressure

IDEAL INSTITUTE OF TECHNOLOGY : : KAKINADA
III. B.TECH:: ECE-STUDENTS FEE DETAILS FOR THE ACADEMIC YEAR 2018-19

S. NO.	ADMISSION NO.	NAME OF THE STUDENT
1	166K1A0401	A BHARGAVI PRIYANKA
2	166K1A0402	A SATYA INDIRA DEVI
3	166K1A0403	AKULA HARIPRIYA
4	166K1A0404	ALAPANA LAKSHMI HARI
5	166K1A0405	ANASURI BHANU PRAKASH
6	166K1A0406	ANGARA LAKSHMI MEGHANA
7	166K1A0407	ANISETTI KASI ANNAPURNA
8	166K1A0408	AVANIGADDA RAGA NAVYA
9	166K1A0409	D NIHARIKA
10	166K1A0410	BADDI VANI
11	166K1A0411	BANDARU LAVANYA AKHILA
12	166K1A0412	CHUNDRU SRINIVAS
13	166K1A0413	D ACHAMMA
14	166K1A0414	DALEY KAILASH
15	166K1A0415	DEVISETTI VENKATASUSHMASARANYA
16	166K1A0416	DEVU VENKATESH
17	166K1A0417	GARAPATI GOWTHAMSAGAR
18	166K1A0418	GOLAMARI VENKATA SIVA RANGA REDDY
19	166K1A0419	GOTTETI DURGA PRASAD
20	166K1A0420	GUDIWADA SURENDRA BABU
21	166K1A0421	GURRALA HARITHA SAI DURGA
22	166K1A0422	KAMISETTI PALLAVI SRI
23	166K1A0424	KARRI SARIKA RANI
24	166K1A0425	KUCHERLAPATI GEETHA SRI
25	166K1A0426	KURINI KALYAN
	166K1A0427	LANKA PRASANTH KUMAR
26	166K1A0428	M S V P P APPAJI
27	166K1A0429	MALLADI KAMAKSHI
28	166K1A0430	MALLADI PRAMEELA DEVI
29	166K1A0431	MANTHI PRANEETHA
30	166K1A0432	MERUVA KUNDAN KUSHALKUMAR
31	166K1A0433	MUGGULLA MANI TEJA
32	166K1A0434	MUPPIDI SURESH REDDY
33	166K1A0435	NIMMAGANTI JEEVANSATYA
34	166K1A0436	OLETI TIRUMALA SHIVA VEERA REDDY
35	166K1A0437	P ADI SIVA SAI RAM
36	166K1A0438	P SESHU SAI ALEKHYA
37	166K1A0439	PENKE ISWARYA
38	166K1A0440	PENKE SUVARNA TEJA
39	166K1A0441	PILLI SATYANJALI
40	166K1A0442	R NANDINI
41	166K1A0443	RAJAMAHENDRAVARAPU TULASI DEVI
42	166K1A0444	SEELAM SAI KRISHNA
43	166K1A0445	TADI SATYA BHANU
44	166K1A0446	TAMMISETTI BHARGAVI

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S. NO.	ADMISSION NO.	NAME OF THE STUDENT
45	166K1A0447	UPPULURI V S S S M S ANJANI KANTH
46	166K1A0448	V RAVI CHANDRA
47	166K1A0449	VALLALA PRATHYUSHA
48	166K1A0450	VANKA SUNITHA DEVI
49	166K1A0451	Y SRI TEJA
50	166K1A0452	Y SURYA RAO
51	166K1A0453	YERRAMILI SRI SESA SAI SUDHA
52	166K1A0454	CHINTAKAYALA SAI SIRISHA
53	176K5A0401	ADABALA SRAVANI DURGA
54	176K5A0402	CHELLABOINA BHAGYAM
55	176K5A0403	DULLASIVAGANGANANJI
56	176K5A0404	DUNNA DEVI
57	176K5A0405	GUDUPU RAMA MANISHA
58	176K5A0406	JAYAVARAPU RAVIKIRAN
59	176K5A0407	KONDAPALLI MAHESH
60	176K5A0408	KOPPADI JIGEESEA PRIYA
61	176K5A0409	PENKE SIMHADRI APPALARAJU
62	176K5A0410	POLISETTI VENKATA SATYA KEERTHI
63	176K5A0411	SHAIK NAFIZA
64	176K5A0412	AARI MOSHIYA
65	176K5A0413	ADDALA JAYA SATYA VANI KUMARI (SPOT)
66	176K5A0414	DEVISETTI PURNA SATISH KUMAR (SPOT)
67	176K5A0415	KAYALA SANTHI (SPOT)
68	176K5A0416	KARRI SURAJ KUMAR (SPOT)

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

Date: 12-09-2017

CIRCULAR

All the III B.Tech (EEE) students are hereby informed that A One day workshop on “Power Electronics and Drives” will be conducted on 16-09-2017. All interested students can enroll their names with Mr. D. Madhu, Asst. Professor, EEE Dept on or before 14-09-2017. The details of topics and resource persons are available in brochure displayed in EEE department notice board.

Venue : EEE Department, E-Class Room.

Ch. Vinod Kumar
HOD

T. S. S. / 12/9/17
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IDEAL INSTITUTE OF TECHNOLOGY

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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 moters and drives.

Outcome of the event :

Modern trend in power electronics and drives using MATLAB also.

G. Ravikumar
CO-ORDINATOR

Charan Kumar
HOD

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you may develop an understanding that switching of power circuits is not only a logical operation, but also energy conversion. Every commutation in a power circuit will be accompanied with complex voltage and current transients.

1) Spurred on by technological progress and a growing concern about the efficient use of depleting energy resources, static power electronic converters employing advanced semi-conductor devices are currently used in an increasing number of applications. Such applications range from low power converters for milliwatt applications, to converters for high-voltage dc transmission systems, handling hundreds of mega-watts.

2) Other classical applications include adjustable-speed ac and dc drives for use in industry, switch-mode power supplies, audio amplifiers, uninterruptible power supplies and welding machines. In the last decade, power electronics and electrical drives have deeply penetrated the renewable energy sector.

3) Today, power electronic converters provide vital functionality in a diversity of new technologies, including large wind turbine systems, fuel cells systems and photovoltaic power generation. Further, motor drives comprising power electronic converters and advanced electric machines play a key role in the transportation sector, where new technologies are exploited in order to electrify many kinds of vehicle.

4) This specialisation combines state-of-the-art technologies with conventional technologies, for example power semiconductor devices, electronics, electromagnetics, digital signal processors, control theory, EMC and energy technology.

5) The themes for the study in Power Electronics and Drives provide you with in-depth understanding of the technologies and scientific disciplines involved in electric energy conversion by means of power electronic converters and electric machines.

DAY 1	Industrial Starters of 3-phase Induction Motors
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Program Committee

Chief Patrons:

Dr. P. Krishna Rao
Chairman

Patrons:

Dr. P. Chiranjeevini Kumari
Secretary & Correspondent

Principal:

Dr. T. Srikanth

Convenor:

Mr. Ch. Vinod Kumar, Assoc. Prof.,
HoD, EEE

Coordinators:

Mr. K. Venkateswara Rao, Asst. Prof.

Mr. A. Ramesh, Asst. Prof.

Mr. G. Ravi Kumar, Asst. Prof.

Mr. D. Madhu, Asst. Prof.

Mr. M. Jagadeesh, Asst. Prof.



WORKSHOP ON POWER ELECTRONICS & DRIVES

16 September 2017

Organized by
Department of EEE

T. S. K.
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA

About the College

Ideal Institute of Technology was established under the aegis of Governing Body of Ideal college of Arts and Sciences during academic year 2009-2010. The educational Society of Ideal Institutions has been rendering yeoman service in the glorious field of education for the past 40 years.

The Education Society is the outcome of honoured philanthropists, educationists, intellectuals and elite of Kakinada such as (Late) P. V. N. Raju, Dr. N. S. R. Sastry, Dr. P. Chiranjeevini Kumari. Ideal institutions have started from school and blossomed into group of colleges. Ideal Institutions are of its own kind in rendering service to society and value-based education.

During early seventies Kakinada used to have only two colleges. Student community used to suffer a setback to upgrade their education even to the level of intermediate.

The ideal junior college had been started to cater to the needs of student community. In due course the jr college flourished into Degree college and P.G courses like M.B.A, M.C.A, M.A, M.Sc and Engineering College.

Now the college is run under the expertise of Dr. P Krishna Rao, Chairman of Pragati Engineering College to improve the Capabilities and Job potentials of the students.

Ideal institute of technology is one and only institute which is located in the midst of Kakinada amid mango groves in the lap of Nature.

In this present era of knowledge and technology driven economy, globalization and liberalization, every

employer and the industry house seeks employees to be productive and possess skills, competence and values. This is exactly what we at Ideal Institute endeavor to provide to our students. The spirit of innovation, modernization and student-centric teaching-learning are the corner stones of academics at Ideal Institute.

The faculty members strive to promote a sense of enquiry and questioning among their students. The culture at the institute is one of openness, mutual trust and faith most conducive to unconditional commitment to learning.

Our faculty colleagues thrive on a diet of commitment towards excellence. We believe that learning shall be a joy and teaching a pleasure

The Institute is committed to generate, disseminate and preserve knowledge to work with others to bring this knowledge to face the global challenges. We are committed to provide our students an education that combines the rigours of academics and the grind of application along with the excitement of discovery.

We seek to develop in each member of the Ideal community the ability and passion to work wisely, creatively and effectively for the betterment of mankind.

The Institute extends moral and placement support too. Value based education, mentoring and character building, job oriented short term courses, guest speakers from the industry, visits to industry houses, Entrepreneurship Development Programmes are our main stay. Students live in a unique environment that promotes culture, sports, society contributions, and above all the self-governance.

The institute is always abuzz with new ideas and is an exciting place to be, if you happen to be dreamer.

The Institution is having more than 1,50,000 sft., built up area with well established laboratories in each department to cater to the needs of the students. Besides the Institution is providing transport facility to the needy and also have good sports and canteen facilities.

A team of well qualified and experienced faculty members mould the young students into future Engineers of world.

Introduction to Industrial Starters of Induction Motors and Drives

Power electronics and electric drives are two fields of technology, very closely connected. Power electronics devices are the most advanced and effective switches of high power electric circuits. Frequently, they are used as switches for the commutation of windings of electric machines. The system which includes an electric machine, a power converter, based on semiconductor switches, and several control devices is known as an electric drive. Today about 60 % of the electric energy produced will be converted and used by electric drives of technological machines.

The starting and flexible control of speed and torque of electric machines is possible due to modern microprocessor control and advanced power electronics devices. Optimal motion control of technological machines is a very urgent problem, the solution which will lead to higher productivity of machines and essential energy saving.

This seminar is intended for students of universities of applied sciences and remote engineering colleges who study the courses of electronics. It is also useful for

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IDEAL INSTITUTE OF TECHNOLOGY:: KAKINADA

III B.Tech - II Sem Branch: EEE Batch: 2015-19 A.Y: 2017-18 R13

List of Students attended for Workshop on 16-09-17

8 Drives

SNO	REG NO	NAME OF THE STUDENT
1	156K1A0201	BANDARU VENKATESH
2	156K1A0202	BAVISETTI S J LAKSHMI PRASANNA
3	156K1A0203	PALIVELA PRATYUSHA
4	156K1A0204	PENKE MOHAN SRI SATYA KUMAR
5	156K1A0205	YELUDUTI MURALI
6	166K5A0201	ABBANA VEERA NAGA BHAVANI DATTA
7	166K5A0202	BASWA MANIKANTA
8	166K5A0203	BAVISETTI DURGA THATHAJI
9	166K5A0204	BYREDDY PRASADU
10	166K5A0205	CHITEKENA VINAY
11	166K5A0206	DANGETI DEVI PRASAD
12	166K5A0207	DOODHI VATHSALYA KUMAR
13	166K5A0208	ESAKONA VEERAGANI KUMAR
14	166K5A0209	GANTA VEERA VENKATA SATYANARAYANA SIVA GANGA
15	166K5A0210	GOLI VEERENDRA
16	166K5A0211	GURAJAPU ARAVIND SWAMY
17	166K5A0212	GUTHULA NITYANANDA BABU
18	166K5A0213	KADIYALA ADITYA
19	166K5A0214	KALIBOINA SIVA
20	166K5A0215	KAMINI MANIKANTA
21	166K5A0216	KARAY DEEPSAGAR
23	166K5A0218	KATAKAM CHARAN
24	166K5A0219	KOMARTHI BALARAM
25	166K5A0220	KUKKULURI GANGADHAR
26	166K5A0221	MAHADASU SRUTHI
27	166K5A0222	MATTEY KARTHIK
28	166K5A0223	NANDIPATI SIVA CHAKRADHAR
29	166K5A0224	NOWGANTLA BALARAMAKRISHNA
30	166K5A0225	OLETI DHANAMJAYA
31	166K5A0226	PAPPU RAMESH BABU
32	166K5A0227	PILLI SAI HEMANTH KUMAR
33	166K5A0228	SATHI EBENEZER
34	166K5A0229	SEPENI BABA GOPALA KRISHNA (J)
35	166K5A0230	SHAIK GOUSE MOHIDDIN
36	166K5A0232	VANAPALLI DORABABU
37	166K5A0233	VEEDHI RAJA KUMARI
38	166K5A0235	V SUNDAR DEEPAK

38

T-8

Principals
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA

(4)



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

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

Date: 13-09-2017

CIRCULAR

All the II B.Tech (ME) students are hereby informed that A One day workshop on “Recent Trends in Thremodynaics” will be conducted on 16-09-2017. All interested students can enroll their names with Mrs. R. Vijaya Lakshmi, Asst. Professor, ME Dept on or before 14-09-2017. The details of topics and resource persons are available in brochure displayed in ME department notice board.

Venue : ME Department, E-Class Room.


HOD


13/9/17
PRINCIPAL

Circulate among II B.Tech students

HODs are informed to circulate among concerned staff members

Copy to:

AO



HOD - CE



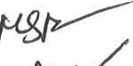
HOD - EEE

ch. reinod kumar

HOD - ECE

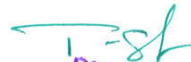


HOD - CSE



HOD - H&BS




Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

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 :

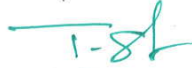
- Otto, diesel, dual combustion cycles.
- Clowis and kelvin plank statements.
- Refrigeration cycles.

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.


CO-ORDINATOR


Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA


HOD

ABOUT THE COLLEGE

Ideal Institute of Technology was established under the aegis of Governing Body of ideal college of Arts and sciences during academic year 2009-2010. It is being running under the able guidance of Dr. P. Krishna Rao garu, Chairman of Ideal Institute of Technology and Pragati Engineering College. The Education Society is the outcome of honored philanthropists, educationists, intellectuals and elite persons of Kakinada such as Sri P.V.N.raju, Dr. N.S.R.Sastry, Dr. P.Chiranjeevini Kumari. Ideal Institutions are of its own kind in rendering service to society and value based education. During early seventies Kakinada used to have only two colleges. Student community used to suffer a set-back to upgrade their education even to the level of intermediate. The Ideal Junior college flourished into Degree College and P.G. course like MBA, MCA, MA, M.Sc., and Engineering College. Ideal Institute of Technology is one and only institute which is located in the midst of Kakinada.

THEME OF THE LECTURE

This lecture will provide a platform for academicians, Researchers, Scientists and industry personnel from industry to come together and share the latest developments in broad areas of Thermodynamics in Mechanical Engineering.

The concept of heat arises from that particular sensation of warmth and coldness which is immediately experienced on touching a body. This direct sensation, however, furnishes no quantitative scientific measure of a body's state with regard to heat; it yields only qualitative results, which vary according to external circumstances.

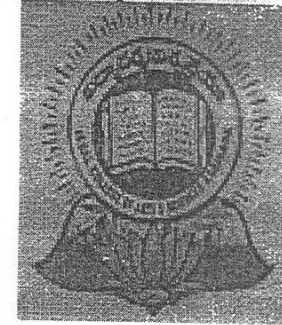
Although the freezing of liquids and melting of crystals are fundamental for many areas of the sciences, even simple properties like the temperature -pressure relation along the melting line cannot be predicted today. However we can present a theory in which properties of the coexisting crystal and liquid phases at a single thermodynamic state point provide basis for calculating the pressure, density and entropy.

RESOURCE PERSONS

1. **Dr. P.KUMAR BABU**
Professor, Dept. of ME
Pragati Engineering College, Surampalem

GUEST LECTURE ON RECENT TRENDS IN THERMODYNAMICS

16th September 2017



Organized by

Department of Mechanical Engineering

IDEAL INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi;

Affiliated to JNTUK, Kakinada,

&

Vidyut Nagar, Kakinada, E.G.Dt.,
Andhra Pradesh, India- 533 003

Ph:

Fax: 08852-252232

Website: www.idealtech.edu.in

Email: principal@idealtech.edu.in

T-8h
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA

GUEST LECTURE
ON
RECENT TRENDS IN MECHANICAL
ENGINEERING

16th September, 2017

REGISTRATION FORM

(Make copies if desired)

Name : _____

Date of Birth : _____

Designation : _____

Department : _____

Organization : _____

Address for Communication:

Phone : _____

E-mail : _____

DD No : _____

Date : _____

Signature of the
Applicant

ORGANISING COMMITTEE

Chief Patron

Dr. Paruchuri Krishna Rao
Chairman

Patrons

Dr.P. Chiranjeevini Kumari
Secretary and Correspondent
Sri P.S.S. Kiran
Treasurer

Coordinator

Dr. T. Srikanth
Principal & Professor, Dept. of ME

Co- Coordinator

Mrs. K.Aruna
Head, Dept. of ME

Advisory Committee

Dr.G.Krishnam Raju, *Director*
Dr.Ch.V.V.Satyanarayana Murthy
Dr. Srihari Varma
Mr. Bh.Ayyappa Kumar
Mr. Ch.Vinod Kumar
Mr. M.S.R.S. Prasad

Organizing Committee

Mr.M.Dedeepya
Mr. N. Raja
Mrs. R. Vijaya Lakshmi
Ms. SK.Admsha
Mr. B.Dharma Kumar
Mr. K.S.Rambabu

ATTENDEES

This seminar is intended for Academicians,
Researchers, Industry Personnel and PG
Students

REGISTRATION FEE: NIL

IMPORTANT DATES:

Submission of Application : 01-09-17
Intimation of Selection : 03-09-17
Confirmation by Participant : 05-09-17

MODE OF PAYMENT

Participants are requested to send their filled registration form along with Demand Draft drawn in favor of "Ideal Institute of Technology," payable at Kakinada. Spot payment is allowed, but registration must be confirmed earlier.

MAILING ADDRESS

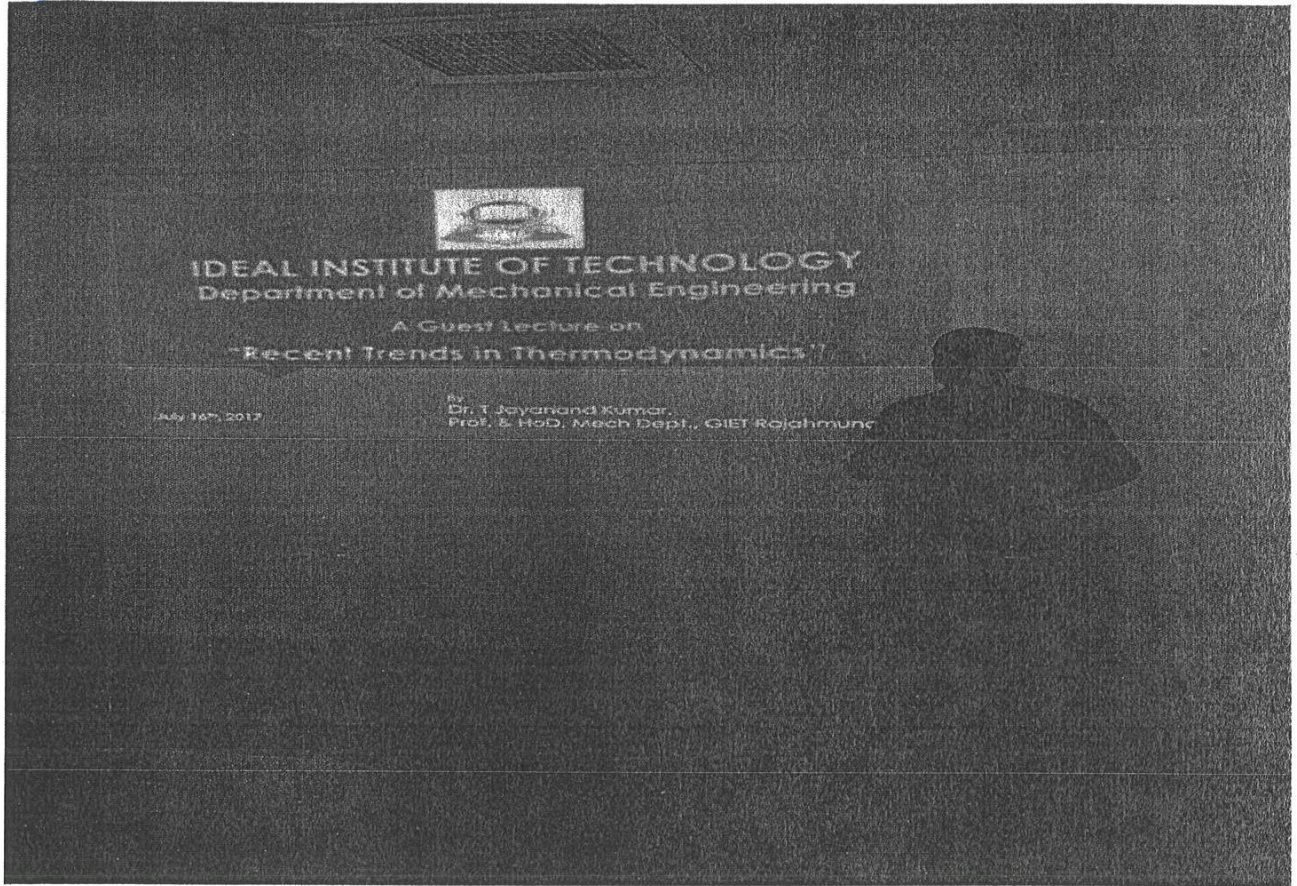
The Coordinator,
Department of ME
Vidyut Nagar, Kakinada, East Godavari District,
Andhra Pradesh, India-533003
principal@idealtech.edu.in

For any further clarifications please feel free to contact

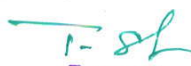
Mrs. K. Aruna
Head of the Department
Department of ME
Coordinator - +91 9949305868

S.NO	REG.NO	STUDENT NAME
1	166K1A0301	ANISETTI NAVEEN DAYA SAGAR
2	166K1A0302	ANASURI VENKATA SANDEEP
3	166K1A0303	APPANA NAGA VENKATA MANIKANTA KISHORE
4	166K1A0304	BATTIVALASA GURU SAI CHARAN
5	166K1A0305	BATTINA SIDDHARTHAKUMAR
6	166K1A0307	BOGULA VEERA VENKATA DURGA LOKESHYADAV
7	166K1A0308	CHATRA MADHUBABU
8	166K1A0311	DASARI RAJU
9	166K1A0312	DEVU RAVI TEJA
10	166K1A0313	DUPPADA JAGADEESH CHANDRA
11	166K1A0314	ERUGULA SURESH
12	166K1A0315	GANDROTHULA SRIRAM
13	166K1A0316	GODUGU RATNAKUMAR
14	166K1A0318	HANUMANTHAVAJJULA RAGHAVENDRA KOUSHIK
15	166K1A0319	ILLINGI RAJU
16	166K1A0325	KALADI RAMBABU
17	166K1A0326	KOLLA MANJUNADH
18	166K1A0327	KOMALLAPALLI SATYA SRINIVAS
19	166K1A0328	KOMMOJU SIVARAMA KRISHNA
20	166K1A0329	KOPPULA VEERA VENKATA SATYA SAI PRASAD
21	166K1A0330	KOTA VARAPRASAD
22	166K1A0332	MEDIBOINA VEERA VENKATA RAMANA
23	166K1A0333	MANDA VENKATA RAMA PADMANABHAM
24	166K1A0334	MOHAMMAD TAJUDDIN BASHA
25	166K1A0338	PRAMIDALA VEERA VENKATA KISHORE
26	166K1A0340	PANDI ANAND
27	166K1A0341	POLAM MANIKANTA
28	166K1A0342	RYALI MOHANA SUMEETH
29	166K1A0343	SANA SWAMI NAIDU
30	166K1A0344	SANDINA PRUDHVI
31	166K1A0345	SANGANI RAJKUMAR
32	166K1A0346	TALLATAM VENKATASIVA RAM TEJA
33	166K1A0348	VULLUR SAI SOWMYA SREE
34	166K1A0349	VOLETI VENKATA RAMYA
35	166K1A0351	VITHANALA CHAITANYA CHARAN RAJU
36	166K1A0352	VOLETI KAMESWARA RAO
37	166K1A0353	YERRAMILLI SAI ADITYA
38	176K5A0302	CHINTA MANIKANTA
39	176K5A0303	CHIPPADA VAMSIPRIYA
40	176K5A0305	GOKIVADA RAMA KRISHNA
41	176K5A0306	JANAPANEEDI VARA PRASAD
42	176K5A0308	KOTINA SRIKAR
43	176K5A0309	KOTIPALLI SANTOSHKUMAR
44	176K5A0310	NARALA SATYA VENKATA DURGA PRASAD
45	176K5A0311	PENUBOTULA PRAVEEN KUMAR
46	176K5A0313	SALADI VINOD KUMAR
47	176K5A0315	VADDI VINY
48	176K5A0316	VALLURI JAGADEESH VENKAT PAVAN
49	176K5A0318	PANTHADI HARI BABU
50	176K5A0319	EAGALA LAVANYA

1-8
Principal
IDEAL INSTITUTE OF TECHNOLOGY
WYUTMAGAR KAKKUR



Mr. Dr. Jayaraman Kumar is giving
lecture on Recent trends in
Thermodynamics


Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Vidyut Nagar, KAKINADA - 533 003. (A.P.)


Date: 13-12-2017

CIRCULAR

(4)

All the III B.Tech (CE) students are hereby informed that A Two days workshop on “Design and Drawing of Reinforced Concrete Structures” will be conducted on 18-12-2017 & 19-12-2017. All interested students can enroll their names with Mrs. K. Manjusha, Asst. Professor, CE Dept on or before 15-12-2017. The details of topics and resource persons are available in brochure displayed in CE department notice board.

Venue : CE Department, E- Class room.


HOD


13/12/17
PRINCIPAL

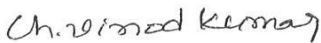
Circulate among III B.Tech students

HODs are informed to circulate among concerned staff members

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HOD - ME 

HOD - ECE 

HOD - CSE 

HOD - H&BS 


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VIDYUTNAGAR KAKINADA



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

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

T-SL
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR, KAKINADA

ee
HOD

Use in Construction:

Many different types of structures and components of structures can be built using reinforced concrete including slabs, walls, beams, columns, foundations, frames and more. Reinforced concrete can be classified as precast or cast-in-place concrete. Designing and implementing the most efficient floor system is key to creating optimal building structures. Small changes in the design of a floor system can have significant impact on material costs, construction schedule, and ultimate strength, operating costs, occupancy levels and end use of a building. Without reinforcement, constructing modern structures with concrete material would not be possible.

Properties of RCC

1. It should have sufficient compressive strength.
2. It should have Adequate tensile strength.
3. High Fire and weather resistance.
4. should be a Durability material.
5. Economy to molded any shape.
- 6 .Low maintenance cost.
7. The economy as a construction material.
8. Less deflection

DAY 1	Design & its Applications
DAY 2	Drawings

Program Comittee

Chief Patrons:

Dr. P. Krishna Rao
Chairman

Patrons:

Dr. P. Chiranjeevini Kumari
Secretary & Correspondent

Principal:

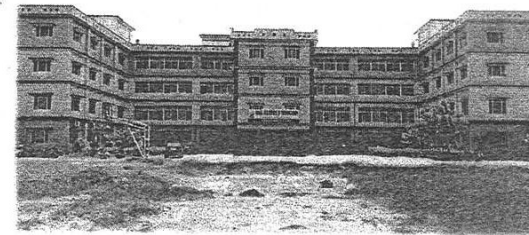
Dr. T. Srikanth

Convenor:

Mr. S.Nazeer Ahmed., Asst. Prof.
HoD, CIVIL

Coordinators:

Kum R. Gayathri Devi, Asst. Prof.
Kum B.Naga Tulasi, Asst. Prof.
Kum B.N. Satya Devi, Asst. Prof.
Kum K.Sumavalli Kalahsaty, Asst. Prof.
Sri B. leela Krishna, Asst. Prof.
Sri M. Venkata Rao, Asst. Prof.



TWO DAY WORKSHOP ON
"DESIGN AND DRAWING OF REINFORCED
CONCRETE STRUCTURES"

18th Dec 2017 to 19th Dec 2017

Organized by
Department of CIVIL

Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTNAGAR KAKINADA

About the College

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In this present era of knowledge and technology driven economy, globalization and liberalization, every employer and the industry house seeks employees to be productive and possess skills, competence and values. This is exactly what we at Ideal Institute endeavor to provide to our students. The spirit of innovation,

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The faculty members strive to promote a sense of enquiry and questioning among their students. The culture at the institute is one of openness, mutual trust and faith most conducive to unconditional commitment to learning.

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We seek to develop in each member of the Ideal community the ability and passion to work wisely, creatively and effectively for the betterment of mankind.

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A team of well qualified and experienced faculty members mould the young students into future Engineers of world.

Introduction to Design and Drawing of Reinforced Concrete Structures

In the design and analysis of reinforced concrete members, you are presented with a problem Unfamiliar to most of you: "The mechanics of members consisting of two materials." To Compound this problem, one of the materials (concrete) behaves differently in tension than in

Compression, and may be considered to be either elastic or inelastic, if it is not neglected entirely.

Although we will encounter some peculiar aspects of behavior of concrete members, we will Usually be close to a solution for most problems if we can apply the following three basic ideas:

- Geometry of deformation of sections will be consistent under given types of loading; i.e., moment will always cause strain to vary linearly with distance from neutral axis,
- Mechanics of materials will allow us to relate stresses to strains.
- Sections will be in equilibrium: external moments will be resisted by internal

Moment, external axial load will be equal to the sum of internal axial forces. (Many New engineers overly impressed speed and apparent accuracy of modern structural Analysis computational procedures think less about equilibrium and details).

We will use some or all of these ideas in solving most of the analysis problems we will have in Design of members and structures of reinforced concrete is a problem distinct from but closely Related to analysis. Strictly speaking, it is almost impossible to exactly analyze a concrete

Structure, and to design exactly is no less difficult. Fortunately, we can make a few fundamental assumptions which make the design of reinforced concrete quite simple, if not easy.

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III.B.TECH II SEM BRANCH:CIVIL BATCH: 2015-2019 A.Y:2017-18 REG:R13

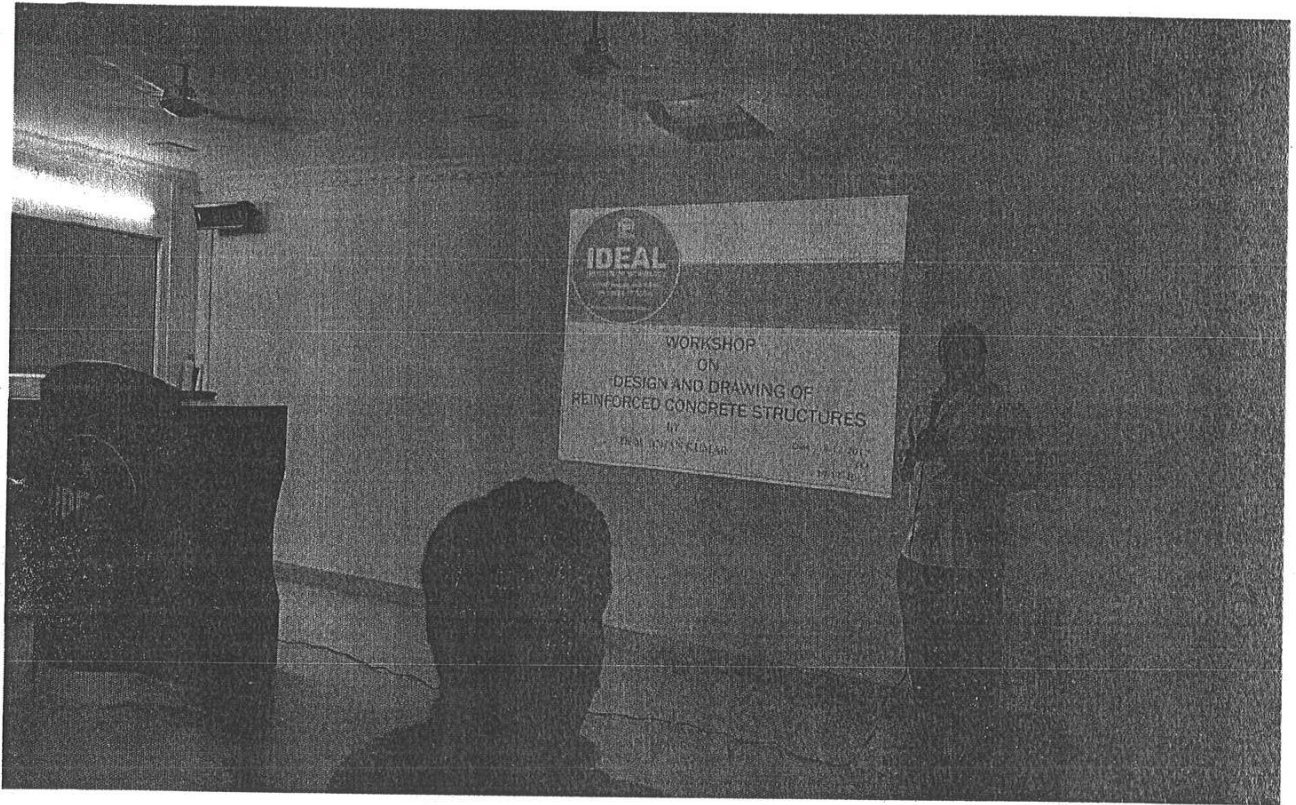
E Drawing of
Reinforced
Concrete
Structures

S.NO	S.NO	S.NO
1	156K1A0101	BANDE SUDHA VARA LAKSHMI
2	156K1A0102	DASIREDDY NAGA DEVIKA
3	156K1A0103	DONEPUDI SRI SAI ANUSHA
4	156K1A0104	ETIKALA ANKITHA
5	156K1A0105	KADALI LOKESH
6	156K1A0106	KAPARAPU KIRAN
7	156K1A0107	KOMPELLA ADITYA
8	156K1A0108	MANYAM PRUDHVI MAHESH
9	156K1A0109	NUVVULA SATYA MANIKANTA SUVIJAY
10	156K1A0110	PEMMADI VINAY VARMA
11	156K1A0111	SARLA SRINIVASA REDDY
12	156K1A0112	YENUGULA HEMACHAND
13	166K5A0101	ANKAMREDDY GANESH
14	166K5A0102	BUDIREDDY PAVAN SAI
15	166K5A0103	GOLLAPALLI HARINATH
16	166K5A0104	KAKARA SAIVINEETHA
17	166K5A0105	KAKARAPALLI SYAM SURYA PRAKASH
18	166K5A0106	KOPPISETTI GANGADHAR
19	166K5A0107	KOTTANI VINAY
20	166K5A0108	KURINI UMA SAI
21	166K5A0109	NOOKALA VENKATA DURGAMBICA
22	166K5A0110	POLLAM GANGADHAR
23	166K5A0111	REDLA SATYA DURGA KUMAR
24	166K5A0113	GUTTULA MANIKANTA

T-8

Principal

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MR. M. Anjan Kumar is giving
lecture on Design and Drawing of
Reinforced concrete structures