



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE DIVILI, TIRUPATHI (VI),  
PEDDAPURAM (MANDAL)  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada) (Accredited by  
NAAC with B+ grade)

### List of Certificate/ Add-on Programs

Academic Year: 2017-18

| S.No | Name of the Program  | Duration of Course       | No. of Participants |
|------|--|--------------------------|---------------------|
| 1    | A Two Weeks Program on A Two Power System Operation and Control using MATLAB | 03-07-2017 to 15-07-2017 | 78                  |
| 2    | A Two Weeks Program on 3D to Modelling of Building Using AUTOCAD             | 15-11-2017 to 29-11-2017 | 106                 |
| 3    | A Two Weeks Program on WELDING (Advanced)                                    | 04-12-2017 to 16-12-2017 | 133                 |
| 4    | A Two Weeks Program on Python Programming                                    | 02-06-2017 to 16-06-2017 | 109                 |
| 5    | A Two Weeks Program on Climate Smart Precision Farming                       | 06-06-2017 to 19-06-2017 | 120                 |
| 6    | A Two Weeks Program on Electronic Circuit Simulation and PCB Printing        | 02-11-2017 to 16-11-2017 | 123                 |
| 7    | A Two Weeks Program on Embedded Systems Design With C                        | 03.07.2017 to 15.07.2017 | 91                  |
| 8    | A Two Weeks Program on Introduction to IoT                                   | 23.08.2017 to 05.09.2017 | 42                  |
| 9    | A Two Weeks Program on Solar PV System and Solar PV Grid Tie System          | 11.09.2017 to 23.09.2017 | 118                 |
| 10   | A Two Weeks Program on Training in IC And SI Engines                         | 01.10.2017 to 14.10.2017 | 123                 |
| 11   | A Two Weeks Program on Rehabilitation of Concrete Structures                 | 05.02.2018 to 17.02.2018 | 79                  |

  
IQAC

  
PRINCIPAL

PRINCIPAL  
Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (M),  
E.G. Dist. - 523433.



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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(Accredited by NAAC with B+ grade)

Date: 29.06.2017

**CIRCULAR**

All II/IV and III/IV EEE Students are here by informed that Department of Electrical & Electronics Engineering is conducting a Two Weeks Certificate Program on “Power System Operation and Control using MATLAB” Mr. K. Manoj Kumar Reddy, Aditya College of Engineering and Technology, Surampalem, is the Resource person. The program will be held from 03.07.2017 to 15.07.2017. All the interested students are instructed to register their names in the Department office on or before 30.06.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-1, 1<sup>st</sup> floor

**Circulated to:** All HoD's

CE - P. Rama Krishna  
EEE - T. [Signature]  
ME - [Signature]  
ECE - [Signature]  
CSE - [Signature]  
AGR - J. [Signature]

**Copy to:** Notice board

*[Handwritten Signature]*  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Kakinada Institute of Technology and Science  
Tirupathi (V. Divi), Peddapuram (M),  
E.G. Dist. 533433.  
E.G. Dist. 533433.



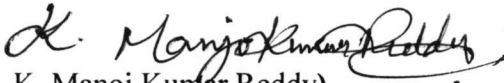
**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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Date: 30.06.2017

Week/Day-Wise Schedule

Name of the Program: “Power System Operation and Control using MATLAB”

| S.NO | DAY       | DATE       | TOPICS COVERED   |
|------|-----------|------------|--|
| 1    | Monday    | 03.07.2017 | <ul style="list-style-type: none"><li>• Definition of Single area</li><li>• Load frequency control of single area with MATLAB</li></ul>  |
| 2    | Tuesday   | 04.07.2017 | <ul style="list-style-type: none"><li>• Steady State Error implementation in Single area with MATLAB</li><li>• Dynamic Error implementation in Single area with MATLAB</li></ul> |
| 3    | Wednesday | 05.07.2017 | <ul style="list-style-type: none"><li>• Definition of Two Area</li><li>• Load frequency control of Two area</li><li>•</li></ul>  |
| 4    | Thursday  | 06.07.2017 | <ul style="list-style-type: none"><li>• Steady State Error implementation in Two area with MATLAB</li><li>• Dynamic Error implementation in Two area with MATLAB</li></ul>       |
| 5    | Friday    | 07.07.2017 | <ul style="list-style-type: none"><li>• Economic dispatch problem with different schedules</li></ul>   |
| 6    | Saturday  | 08.07.2017 | <ul style="list-style-type: none"><li>• Unit Commitment problem</li><li>• Constraints and Methods</li></ul>  |
| 7    | Monday    | 10.07.2017 | <ul style="list-style-type: none"><li>• Real Power Controlling Methods</li><li>• Real power control implementation Methods</li></ul>   |
| 8    | Tuesday   | 11.07.2017 | <ul style="list-style-type: none"><li>• Real power control implementation in MATLAB</li></ul>  |
| 9    | Wednesday | 12.07.2017 | <ul style="list-style-type: none"><li>• Reactive Power Controlling Methods</li><li>• Reactive power control implementation Techniques</li></ul>                                  |
| 10   | Thursday  | 13.07.2017 | <ul style="list-style-type: none"><li>• Reactive power control implementation in MATLAB</li></ul>  |
| 11   | Friday    | 14.07.2017 | <ul style="list-style-type: none"><li>• Smart Grid Definition</li><li>• Advantages and Disadvantages of Smart Grid</li><li>• Synchronization with smart grid</li></ul>           |
| 12   | Saturday  | 15.07.2017 | <ul style="list-style-type: none"><li>• Tie line power flow control and implementation in MATLAB</li></ul>   |

  
(Mr. K. Manoj Kumar Reddy)  
Resource Person

  
(Mr. B. Ramesh)  
HoD

## Objective of the Programme:-

- To understand the operation and control of real power
  - To understand the significance of frequency control
  - To comprehend the issue of unit commitment and the significance of economic load dispatch
  - To know the issue of unit commitment and the significance of economic load dispatch
- The objectives of this program are
- To understand the operation and control of real power
  - To understand the significance of frequency control
  - To comprehend the issue of unit commitment and the significance of economic load dispatch
  - To know the issue of unit commitment and the significance of economic load dispatch

## REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....  
.....

Mobile:.....

email:

## PROGRAM COMMITTEE:

CHIEF PATRON

Sri.B.Srinivasa Rao  
Chairman,  
KITS

PATRON

Dr.P.M.M.S.Sarma  
Principal,  
KITS

CONVENOR

Mr. B. Ramesh,  
HOD, EEE,  
KITS

COORDINATOR

Mr. B. Ramesh,  
HOD, EEE  
KITS

### Resource Person:

**Mr. K. Manoj Kumar Reddy**

Associate Professor  
Aditya College of Engineering and Technology,  
Surampalem

ADDRESS FOR COMMUNICATION:

**Mr. B. Ramesh**  
Coordinatot  
HOD of EEE

**Kakinada Institute of Technology and Science**  
Divili, East Godacari, A.P.



**Kakinada Institute Of Technology And Science**  
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Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

*A Two Weeks*  
*Certificate Program*

on

**"POWER SYSTEM OPERATION AND  
CONTROL USING MATLAB"**

Dates:

03.07.2017 to 15.07.2017

Organized by:  
**Department of EEE**

Venue:

Seminar Hall-1  
**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M. Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of Electrical and Electronics Engineering is offering an undergraduate course (B.Tech) in Electrical and Electronics Engineering and one post graduate course (M. Tech) in Power Electronics. The B.Tech program was started in 2008 with an intake of 60 later was enhanced to 120 in 2010. The M.Tech program in Power Electronics has started in 2012 with an intake of 18 students. The EEE department has more than 20 qualified and experienced faculty members. The Department has organized several symposiums, guest lectures and Workshops. The Department faculty are conducting their research work in Power Systems, Power Electronics, Electrical machines areas. They are encouraged to attend international and National conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. The EEE Department promotes the student activities through its IEEE, and IETE student branches apart from regular academics. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences. The Department also conducts special classes for competitive exams like GATE, GRE, TOEFL. Some of the students are pursuing PG Programmes in prestigious Institutions like Universities, NIT'S, IIT'S

### Organising Secretary:

**Mr. B. Ramesh**  
Assistant Professor &  
HOD - EEE

## Topics covered

- Definitions of Single and two area
- Load frequency control of Single and Two area
- economic dispatch problem
- Unit Commitment problem
- Real and Reactive power control implementation in MATLAB Environment





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Date: 18.07.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Power System Operation and Control using MATLAB”

**Date / Duration** : 03.07.2017 to 15.07.2017 (72 Hours)

**Resource Person** : Mr. K. Manoj Kumar Reddy, Aditya College of Engineering and Technology, Surampalem

**Name of Coordinator** : Mr. B. Ramesh , EEE Department, KITS, Divili

**Number of Participants:** 78

**Program Objectives** : The objectives of this program are

- To understand the operation and control of real power
- To understand the significance of frequency control
- To comprehend the issue of unit commitment and the significance of economic load dispatch
- To know the issue of unit commitment and the significance of economic load dispatch

**Topics Covered** : The following topics were discussed in this certificate program

- Definitions of Single and two area
- Load frequency control of Single and Two area
- economic dispatch problem
- Unit Commitment problem
- Real and Reactive power control implementation in MATLAB Environment

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on frequency, real and reactive power control along with relevant methods. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date



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**LIST OF REGISTERED STUDENTS**

Name of the Program: POWER SYSTEM OPERATING AND CONTROL USING "MAT  
LAB"

A.Y: 2017-18

Date: 03/07/2021

| S.No | Name of the Student | Roll Number                 | Signature           |
|------|---------------------|-----------------------------|---------------------|
| 1    | 15JQ1A0201          | ANNIKA<br>MEGHANA           | A. Meghana          |
| 2    | 15JQ1A0202          | B JOGAMMA                   | B. Jogamma          |
| 3    | 15JQ1A0203          | B VARMA                     | Varma.              |
| 4    | 15JQ1A0204          | G SWAMY                     | G. Swamy            |
| 5    | 15JQ1A0205          | K SAMUEL                    | K. Samuel           |
| 6    | 15JQ1A0206          | LANKA SIVA                  | Lanka Siva          |
| 7    | 15JQ1A0207          | L KUMAR                     | L. Kumar            |
| 8    | 15JQ1A0208          | M KIRAN                     | M. Kiran            |
| 9    | 15JQ1A0209          | P DURGASWAMY                | P. Durgaswamy       |
| 10   | 15JQ1A0210          | R TARAPATLA                 | R. Tarapatla        |
| 11   | 15JQ1A0211          | S SANDEEPTHI                | Sandeepthi          |
| 12   | 15JQ1A0212          | TATAPUDI<br>KISHORE         | Kishore             |
| 13   | 15JQ1A0213          | A BHEEMA<br>SANKAR          | A. Bheema<br>Sankar |
| 14   | 15JQ1A0214          | GADI SRINIVASU              | G. Srinivasu        |
| 15   | 15JQ1A0215          | GUNDU SIVA<br>VENKTA PRASAD | Prasad              |
| 16   | 15JQ1A0216          | NAKKA DURGAYYA              | N. Durgayya         |
| 17   | 15JQ1A0217          | C VARA PRASAD               | C. Vara Prasad      |
| 18   | 15JQ1A0218          | Y KUMAR                     | Y. Kumar            |



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|    |            |                     |                    |
|----|------------|---------------------|--------------------|
| 19 | 15JQ1A0219 | CHIKKALA SAI<br>RAM | <i>Ch. Sai Ram</i> |
|----|------------|---------------------|--------------------|

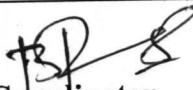
| S.N<br>o | Name of the Student | Roll Number                       | Signature            |
|----------|---------------------|-----------------------------------|----------------------|
| 20       | 15JQ1A0220          | THOTA SUJAN BABU                  | <i>Sujan</i>         |
| 21       | 16JQ5A0201          | A RAO                             | <i>A Rao</i>         |
| 22       | 16JQ5A0202          | BATHULA SRINIVAS                  | <i>B. srinivas</i>   |
| 23       | 16JQ5A0203          | BAVIRSETTI<br>VENKATA<br>NAGENDRA | <i>Nagendra</i>      |
| 24       | 16JQ5A0204          | BODDU SIVA<br>SURIBABU            | <i>Sunibabu</i>      |
| 25       | 16JQ5A0205          | DHARMAVURI<br>SWARNA LATHA        | <i>Swarna latha</i>  |
| 26       | 16JQ5A0206          | GEDELA NAVEEN                     | <i>G. Naveen</i>     |
| 27       | 16JQ5A0207          | GOPU SIREESHA                     | <i>G. Sireesha</i>   |
| 28       | 16JQ5A0208          | KADHA VENKATESH                   | <i>K. venkatesh</i>  |
| 29       | 16JQ5A0209          | K SURENDRA                        | <i>Surendra.</i>     |
| 30       | 16JQ5A0210          | KESANAKURTHI<br>RAVI KUMAR        | <i>K. Ravi kumar</i> |
| 31       | 16JQ5A0211          | KOLA RAJA RAO                     | <i>K. R. Rao</i>     |
| 32       | 16JQ5A0212          | KOLLU RAJESH                      | <i>K. Rajul</i>      |
| 33       | 16JQ5A0213          | KONALA PRAMEELA                   | <i>K. Prameela</i>   |
| 34       | 16JQ5A0214          | MUNJULURI<br>LALITHASWETHA        | <i>Lalitha.</i>      |
| 35       | 16JQ5A0215          | P KUMAR                           | <i>P. kumar</i>      |
| 36       | 16JQ5A0216          | PASUPULETI                        | <i>P. Pasupuleti</i> |





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|    |            |                              |                        |
|----|------------|------------------------------|------------------------|
|    |            | RAJAMMAYI                    | Rajamayi               |
| 37 | 16JQ5A0217 | PILLA NARASARAO              | P. Narasarao           |
| 38 | 16JQ5A0218 | PILLI SURYA<br>KRISHNA       | P.S. Krishna           |
| 39 | 16JQ5A0219 | POLSETTI V V<br>SATYA PRIYA  | Priya                  |
| 40 | 16JQ5A0220 | PONNAMANDA<br>SALMON RAJU    | P. Salmon<br>Raju      |
| 42 | 16JQ5A0221 | PUTTA VENKATESH              | P. Venkatesh           |
| 43 | 16JQ5A0222 | RAMBARIKELA<br>SURESH        | R. Suresh              |
| 44 | 16JQ5A0223 | RAYAPUREDDI<br>GANGADHAR     | R. Gangadhar           |
| 45 | 16JQ5A0224 | R. RAYUDU                    | Rayudu                 |
| 46 | 16JQ5A0225 | SALLURI RAMESH               | S. Ramesh              |
| 47 | 16JQ5A0226 | KARISHMA BEGAM               | K. Begam               |
| 48 | 16JQ5A0227 | SURNEEDI RAJESH              | S. Rajesh              |
| 49 | 16JQ5A0228 | VANAM<br>PRUDHVIRAJKUMA<br>R | V. Prudhviraj<br>kumar |
| 50 | 16JQ5A0229 | VARADA<br>MANIKANTA          | V. Manikanta           |
| 51 | 16JQ5A0230 | VITTANALA SRINU              | V. Srinu               |
| 52 | 16JQ5A0231 | G SARADHI                    | Saradhi                |
| 53 | 16JQ5A0232 | G PHANI                      | Phani                  |

  
Coordinator

  
HoD/Date



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|    |            |                                |  |                     |
|----|------------|--------------------------------|--|---------------------|
| 57 | 16JQ1A0201 | AGADALA PRASAD                 |  | A. Prasad           |
| 57 | 16JQ1A0202 | CHEVALA SAGARA<br>KRISHNA      |  | Ch. S. Krishan      |
| 58 | 16JQ1A0204 | GRANDHI RAJU                   |  | Raju.               |
| 59 | 16JQ1A0205 | JANNIPALLI<br>PARAMJYOTHI      |  | J. Paramjyothi      |
| 60 | 16JQ1A0207 | KONTIPUDI<br>SUNDAR KUMAR      |  | Kumar.              |
| 61 | 16JQ1A0208 | PALLIKONDA AJAY<br>PRAVEEN     |  | P. Ajay Praveen     |
| 62 | 16JQ1A0209 | ROWTU SAI<br>NAGESWARI         |  | Nageswari           |
| 63 | 16JQ1A0210 | SABBA KISHORE                  |  | S. Kishore          |
| 64 | 16JQ1A0212 | SIDDHARTHAPU<br>ANIL RAJU      |  | S. Anil Raju        |
| 65 | 16JQ1A0215 | VELPULA<br>RAGHUVARAN          |  | V. Raghavaran.      |
| 66 | 17JQ5A0201 | ALLA RAVI KIRAN                |  | A. Ravi Kiran       |
| 67 | 17JQ5A0202 | BAVISETTI<br>CHAKRADHAR        |  | Chakrani            |
| 68 | 17JQ5A0203 | BODA HARI BABU                 |  | B. Hari Babu        |
| 69 | 17JQ5A0204 | JATLA VENKATA<br>DURGA POLARAO |  | J. V. D POLA<br>Rao |



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|    |            |   |  |                    |
|----|------------|---|--|--------------------|
| 70 | 17JQ5A0205 | KANDA SWAMY                             |  | K. Swamy           |
| 71 | 17JQ5A0206 | MULIKI RAVI                             |  | M. Ravi            |
| 72 | 17JQ5A0207 | PEDIREDDY KIRAN<br>SRI NAGA<br>MANIDHAR |  | Mai                |
| 73 | 17JQ5A0208 | SABBARAPU SIVA<br>SAI PAVAN KUMAR       |  | Kuma               |
| 74 | 17JQ5A0209 | THANGELLA<br>VENKATARAMANA              |  | venkatara<br>-mena |
| 75 | 17JQ5A0210 | THOTA DEVI                              |  | T. Devi            |
| 76 | 17JQ5A0211 | TILLAPUDI<br>RAVIKUMAR                  |  | Kumar,             |
| 77 | 17JQ5A0212 | VUTA DURGA BABU                         |  | Durga Babu         |
| 78 | 17JQ5A0213 | YENUGANTI SIVA                          |  | Y. Siva            |

  
Coordinator

  
HoD/Date



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Date: 13.11.2017

**CIRCULAR**

All III/IV and IV/IV CE Students are here by informed that Department of Civil Engineering is conducting a Two Weeks Certificate Program on “3D-Modelling of Building Using AutoCAD” Ms. Ch. Ganga Bhavani, Assistant professor Asst.Prof, Avanthi Engg College, Narsipatnam, is the Resource person. The program will be held from 15.11.2017 to 29.11.2017. All the interested students are instructed to register their names in the Department office on or before 14.11.2017

All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-1, 1<sup>st</sup> floor

  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram,  
E.G.Dist.-533433.

**Circulated to:** All HoD's

CE - R. Ramakrishna

EEE - J. L. A.

ME - 

ECE - 

CSE - 

AGR - T. Prasad

**Copy to:** Notice board



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Date: 14.11.2017

Week/Day-Wise Schedule

Name of the Program: “3D-Modelling of Building Using AutoCAD”

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Wednesday | 15.11.2017 | <ul style="list-style-type: none"><li>• Introduction to engineering drawing</li><li>• Graphic</li></ul>               |
| 2    | Thursday  | 16.11.2017 | <ul style="list-style-type: none"><li>• Exploring AutoCAD User</li><li>• Interface</li></ul>                          |
| 3    | Friday    | 17.11.2017 | <ul style="list-style-type: none"><li>• AutoCAD Workspaces</li></ul>  |
| 4    | Saturday  | 18.11.2017 | <ul style="list-style-type: none"><li>• The AutoCAD Ribbon</li><li>• Setting Drawing Unit</li></ul>                   |
| 5    | Monday    | 20.11.2017 | <ul style="list-style-type: none"><li>• Navigating 2D Drawings</li></ul>  |
| 6    | Tuesday   | 21.11.2017 | <ul style="list-style-type: none"><li>• Drawing Lines and Rectangles</li><li>• Cancelling, erasing, Undoing</li></ul> |
| 7    | Wednesday | 22.11.2017 | <ul style="list-style-type: none"><li>• Navigating 3D Drawings</li><li>• Drawing Lines and Rectangles</li></ul>       |
| 8    | Thursday  | 23.11.2017 | <ul style="list-style-type: none"><li>• Cancelling, erasing, Undoing with examples</li></ul>                          |
| 9    | Friday    | 24.11.2017 | <ul style="list-style-type: none"><li>• Move and Copy</li><li>• Rotate and Scale</li></ul>                            |
| 10   | Saturday  | 25.11.2017 | <ul style="list-style-type: none"><li>• Arrays, Grip Editing</li></ul>  |
| 11   | Monday    | 27.11.2017 | <ul style="list-style-type: none"><li>• Styling Dimensions with examples</li></ul>                                    |
| 12   | Tuesday   | 28.11.2017 | <ul style="list-style-type: none"><li>• Adding Dimensions with examples</li></ul>                                     |

  
(Ms. Ch. Ganga Bhavani)  
Resource Person

  
(Mr. R. Rama Krishna)  
HoD

## Objective of the Programme:-

- To demonstrate basic concepts of the AutoCAD software.
- To apply basic concepts to develop construction (drawing) techniques
- To Produce 3D Orthographic Projections

### Resource Person:

#### **Ms. Ch. Ganga Bhavani**

Assistant professor Asst.Prof, Avanathi Engg College, Narsipatnam

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:  
.....  
.....

## PROGRAM COMMITTEE:

### CHIEF PATRON

Sri.B.Srinivasa Rao  
Chairman,  
KITS

### PATRON

Dr.P.M.M.S.Sarma  
Principal,  
KITS

### CONVENOR

Mr. K. V. V. Ramaraju,  
DEPT.OF CE  
KITS

### COORDINATOR

Mr. K. V. V. Ramaraju,  
DEPT.OF CE

---

### ADDRESS FOR COMMUNICATION:

Mr. K. V. V. Ramaraju  
Coordinatot  
DEPT.OF CE

**Kakinada Institute of Technology and Science  
Divili, East Godacari, A.P.**



**Kakinada Institute Of Technology And Science**  
(Approved by AICTE, Affiliated to JNTU Kakinada,  
Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

*A Two Weeks  
Certificate Program*

on

**"3D-MODELLING OF BUILDING  
USING AUTOCAD"**

---

**Dates:**

**15.11.2017 to 29.11.2017**

**Organized by:**

**Department of CE**

**Venue:**

**Seminar Hall-1**

**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M. Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of CIVIL ENGINEERING is offering an undergraduate course (B.Tech) in CIVIL ENGINEERING and one post graduate course (M.Tech) in STRUCTURAL ENGINEERING. The B.Tech program was started in 2008 with an intake of 60.. The CIVIL department has more than 20 qualified and experienced faculty members. The Department has organized several symposiums; guest lectures and Workshops .The Department faculty are conducting their research work in STRUCTURAL DYNAMICS, ADVANCED CONCRETE TECHNOLOGY and ENVIRONMENTAL areas. They are encouraged to attend international and National conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences. The Department also conducts special classes for competitive exams like GATE, GRE, and TOEFL. Some of the students are pursuing PG Programmes in prestigious Institutions like Universities, NIT'S, and IIT'S

### Organising Secretary:

**Mr. K. V. V. Ramaraju**  
DEPT OF CE

## Topics covered

- Introduction to engineering drawing
- Graphic
- Exploring AutoCAD User
- Interface
- the AutoCAD Ribbon
- Navigating 2D, 3D Drawings
- Cancelling, erasing and Undoing





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**

(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 30.11.2017

**PROGRAM REPORT**

**Name of the Program** :Two Weeks Certificate Program on “3D-Modelling of Building Using AutoCAD”

**Date / Duration** :15.11.2017 to 29.11.2017 (72 Hours)

**Resource Person** :Ms. Ch. Ganga Bhavani, Assistant professor Asst.Prof,  
AvanthiEngg College,Narsipatnam

**Name of Coordinator**:Mr. K. V. V.Ramaraju, CE Department, KITS,Divili

**Number of Participants**:106

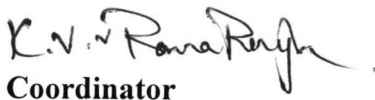
**Program Objectives** :The objectives of this program are

- To demonstrate basic concepts of the AutoCAD software.
- To apply basic concepts to develop construction (drawing) techniques
- To Produce 3D Orthographic Projections

**Topics Covered** :The following topics were discussed in this certificate program

- Introduction to engineering drawing
- Graphic
- Exploring AutoCAD User
- Interface
- the AutoCAD Ribbon
- Navigating 2D, 3D Drawings
- Cancelling, erasing and Undoing

**Program Outcome** :The workshop is intended to facilitate the students to acquire Knowledge and information on AutoCAD software, 2D and 3D drawing. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD /Date





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**

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

(Accredited by NAAC with B+ grade)

NAME OF THE PROGRAMME: "3D-MODELLING OF BUILDING USING AUTO CAD"

A.Y-2017-18

DATE 15/11/2017

| S.No | ROLL NO    | NAME OF THE CANDIDATE              | SIGNATURE           |
|------|------------|------------------------------------|---------------------|
| 1    | 15JQ1A0101 | ALLANGI GOPAL                      | A. Gopal            |
| 2    | 15JQ1A0102 | ANKAMREDDY SIVA                    | A SIVA              |
| 3    | 15JQ1A0103 | BATTA MALLI REDDY                  | B. Malli Reddy      |
| 4    | 15JQ1A0105 | CHOLLA SANYASI REDDY               | Ch. Sanyasi Reddy   |
| 5    | 15JQ1A0106 | DANTHULURI SANDEEP RAJU            | D. Sandeep Raju     |
| 6    | 15JQ1A0107 | DASARI DURGAPRASAD                 | D. Durga Prasad     |
| 7    | 15JQ1A0108 | DODDA RAJESH                       | D. Rajesh           |
| 8    | 15JQ1A0109 | DODDAMREDDY UMA MAHESWARI          | D. Uma Maheswari    |
| 9    | 15JQ1A0110 | DOKUBURRA LAKSHMI                  | D. Lakshmi          |
| 10   | 15JQ1A0111 | GUNDEPALLI JYOTHI                  | G. Jyothi           |
| 11   | 15JQ1A0112 | JONNAKUTI RAJESWARI                | J. Rajeswari        |
| 12   | 15JQ1A0113 | KAKURI SIVA NARAYANA               | K. Siva Narayana    |
| 13   | 15JQ1A0114 | KANISIRIPI RAJU BABU               | K. Raju Babu        |
| 14   | 15JQ1A0115 | KAPARAPU LATCHA VARAHALU           | K. Latcha Varaha    |
| 15   | 15JQ1A0116 | KAYYAM SRINU BABU                  | K. Srinu Babu       |
| 16   | 15JQ1A0117 | KOLLURU ADINARAYANA                | K. Adinarayana      |
| 17   | 15JQ1A0118 | KONDLA CHANDRA REDDY               | K. Chandra Reddy    |
| 18   | 15JQ1A0119 | KONDAPALLI GANGADHAR               | K. Gangadhar        |
| 19   | 15JQ1A0120 | KONTHETI VEDAGAYATHRI              | K. Vedagayathri     |
| 20   | 15JQ1A0121 | KORUPROLU DEVULLU                  | K. Devullu          |
| 21   | 15JQ1A0122 | KOSURI NANI                        | K. Nani             |
| 22   | 15JQ1A0123 | KUNJAM VARA LAKSHMI                | K. Vara Lakshmi     |
| 23   | 15JQ1A0125 | MARAM SURENDRA REDDY               | M. Surendra Reddy   |
| 24   | 15JQ1A0126 | MUPPIDI RAMYA                      | M. Ramya            |
| 25   | 15JQ1A0127 | NETHALA NAGA DEVI                  | N. Naga Devi        |
| 26   | 15JQ1A0128 | ONTEDDU LEELA NAGA DURGA SURYA RAO | O. L.N.D. Surya Rao |
| 27   | 15JQ1A0129 | PALLALA AMANI                      | P. Amani            |
| 28   | 15JQ1A0130 | PEDDINTI PARDHASARADHI             | P. Pardhasaradhi    |

|    |            |  |                   |
|----|------------|--|-------------------|
| 29 | 15JQ1A0131 | PEDIREDDI PRASAD                           | P. Prasad         |
| 30 | 15JQ1A0132 | PERAM PRATHAP                              | P. Prathap        |
| 31 | 15JQ1A0133 | PITTA LATCHI REDDY                         | P. Latchi Reddy   |
| 32 | 15JQ1A0135 | ROLUPALLI APARNA KUMARI                    | R. Aparna Kumar   |
| 33 | 15JQ1A0137 | SHEIK SAMEER                               | S. Sameer         |
| 34 | 15JQ1A0138 | SUMARLA SRINU                              | S. Srinu          |
| 35 | 15JQ1A0139 | SURLA SRINIVAS                             | S. Srinivas       |
| 36 | 15JQ1A0140 | TAMARA DURGAPRASAD                         | T. Durgaprasad    |
| 37 | 15JQ1A0141 | TATAPUDI KIRAN KUMAR                       | T. Kiran Kumar    |
| 38 | 15JQ1A0142 | THIRUVAIPATI RANGA GOPAL                   | T. Gopal          |
| 39 | 15JQ1A0143 | UDUGU RENUKA                               | U. Renuka         |
| 40 | 15JQ1A0144 | UTA VENKATARAMANA                          | V. Venkata Ramana |
| 41 | 15JQ1A0145 | YEDDU SUBHASH                              | Y. Subhash        |
| 42 | 15JQ1A0146 | B.SIVASURESH                               | B. Sivasuresh     |
| 43 | 15JQ1A0147 | G.V.PATTABHI RAM                           | G. V. P. Ram      |
| 44 | 15JQ1A0148 | B.YOGESWARA RAO                            | B. Yogeswararao   |
| 45 | 15JQ1A0149 | ANUP KUMAR                                 | A. Anup Kumar     |
| 46 | 15JQ1A0150 | P.DURGA PRASAD                             | P. Durgaprasad    |
| 47 | 16JQ5A0101 | APPALABATHULA KRISHNARJUNA                 | A. Krishnarajuna  |
| 48 | 16JQ5A0102 | BARLA APPALARAJU                           | B. Appalaraju     |
| 49 | 16JQ5A0103 | BATHULA SIVA                               | B. Siva           |
| 50 | 16JQ5A0104 | BODDAPU HARIBABU                           | B. Haribabu       |
| 51 | 16JQ5A0105 | CHIKKALA VIJAYKUMAR                        | Ch. Vijay Kumar   |
| 52 | 16JQ5A0106 | DEVU VENKATA REDDINAIDU                    | D. Reddy          |
| 53 | 16JQ5A0107 | ISARAPU SIVA                               | I. Siva           |
| 54 | 16JQ5A0108 | JOGA SRINU                                 | J. Srinu          |
| 55 | 16JQ5A0109 | JONNAKUTI NAGAVENKATA VIJAYALAKSHMI KUMARI | J. N. V. Kumari   |
| 56 | 16JQ5A0110 | KAMIREDDY SRINIVAS                         | K. Srinivas       |
| 57 | 16JQ5A0111 | KANTA VEERA VENKATA SAIRAM                 | K. V. V. Sairam   |
| 58 | 16JQ5A0112 | KOMARAJU RAGHURAM                          | K. Raghuram       |
| 59 | 16JQ5A0113 | KOTIPALLI MADHURI                          | K. Madhuri        |
| 60 | 16JQ5A0114 | MOILLA KONDRAJU                            | M. Kondaraju      |
| 61 | 16JQ5A0115 | RAJANA ANUPAMA                             | R. Anupama        |
| 62 | 16JQ5A0116 | SATHAKA CHANDRASEKHAR                      | S. Chandrasekhar  |
| 63 | 16JQ5A0117 | SURATHU DURGA PRASAD                       | S. Durgaprasad    |
| 64 | 16JQ5A0118 | SWAMIREDDI ARUNSAIKUMAR                    | S. Arjun Kumar    |
| 65 | 16JQ5A0119 | TULASI SATYA LOKESH                        | T. Satya Lokesh   |
| 66 | 16JQ5A0120 | YEDIDA MANIKANTA                           | Y. Manikanta      |
| 67 | 16JQ1A0103 | BATCHALA SATISHKUMAR                       | B. Satish Kumar   |
| 68 | 16JQ1A0104 | GUNDU MANI KANTA                           | G. Manikanta      |
| 69 | 16JQ1A0105 | GUNNAMPALLI RAVITEJA                       | G. Raviteja       |
| 70 | 16JQ1A0106 | ARTHA RAMESH                               | A. Ramesh         |

|     |            |                            |                    |
|-----|------------|----------------------------|--------------------|
| 71  | 16JQ1A0108 | KADALI YOGESH KUMAR        | K. G. Kumar        |
| 72  | 16JQ1A0109 | KARAM RAMA KRISHNA DORA    | K. R. Krishna Dora |
| 73  | 16JQ1A0111 | KORADA SAIMANIKANTA        | K. Saimanikanta    |
| 74  | 16JQ1A0115 | PANTAGOLUSULA MADHURI      | P. Madhuri         |
| 75  | 16JQ1A0116 | PYDI NAGA JYOTHI           | P. Naga Jyothi     |
| 76  | 16JQ1A0117 | REKADI RAMA KRISHNA VARMA  | R. R. K. Varma     |
| 77  | 16JQ1A0118 | SAGI LIKHITA               | S. Likhita         |
| 78  | 16JQ1A0119 | TUTTA MANIKANTA            | T. Manikanta       |
| 79  | 16JQ1A0120 | VANAPARTHI SURESH          | V. Suresh          |
| 80  | 16JQ1A0121 | VASKA SUJANA MARY MANJARY  | V. S. M. Manjary   |
| 81  | 16JQ1A0122 | VELIDI MADHUSUDHAN         | V. Madhusudhan     |
| 82  | 16JQ1A0123 | YALLA SWAMY                | Y. Swamy           |
| 83  | 16JQ1A0124 | YELLA RAVI                 | Y. Ravi            |
| 84  | 16JQ1A0126 | PATHALA RAJESH             | P. Rajesh          |
| 85  | 16JQ1A0127 | GURUMURTHI SAI SIVA PRASAD | G. S. S. Prasad    |
| 86  | 17JQ5A0101 | ANASURI NAVATEJA           | A. Navateja        |
| 87  | 17JQ5A0102 | ANGULURI SANJEEV BHARATH   | A. Bharath         |
| 88  | 17JQ5A0103 | ATIKE SRIVENKATA APPARAO   | A. S. Apparao      |
| 89  | 17JQ5A0104 | CHINTA YAMUNA              | Ch. Yamuna         |
| 90  | 17JQ5A0105 | DILEEP KUMAR GANJAI        | D. Kumar Ganjai    |
| 91  | 17JQ5A0106 | KARNAKULA KONDALARAO       | K. Kondala Rao     |
| 92  | 17JQ5A0107 | KARRI MOUNESH KUMAR        | K. Mounesh Kumar   |
| 93  | 17JQ5A0108 | KARRI SIVA GANESH          | K. Ganesh          |
| 94  | 17JQ5A0109 | KILLO RINKU                | K. Rinku           |
| 95  | 17JQ5A0110 | KORIPURI SUSHMA            | K. Sushma          |
| 96  | 17JQ5A0111 | MARCHI NARAYANA MURTHY     | M. Narayana Murthy |
| 97  | 17JQ5A0112 | MEDISETTI HEMALATHA        | M. Hemalatha       |
| 98  | 17JQ5A0113 | MOORA AVINASH              | M. Avinash         |
| 99  | 17JQ5A0114 | PEDAPATI DHARMARAJU        | P. Dharmaraju      |
| 100 | 17JQ5A0115 | RAMISETTI RAGHAVENDRA RAO  | R. Rao             |
| 101 | 17JQ5A0116 | RAYUDU SAI RAMA KRISHNA    | R. S. Ramakrishna  |
| 102 | 17JQ5A0117 | RUDRAKSHULA ROJA MEENAKSHI | R. R. Meenakshi    |
| 103 | 17JQ5A0118 | SAILADA BHAGYALAXMI        | S. Bhagyalaxmi     |
| 104 | 17JQ5A0119 | TIPPANA NAVYA              | T. Navya           |
| 105 | 17JQ5A0120 | UPPADA SHANMUKHA RAO       | U. Shanmukha Rao   |
| 106 | 17JQ5A0121 | GEESALA VENKATESH          | G. Venkatesh       |

R. Ramakrishna

HOD




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 30.11.2017

**CIRCULAR**

All II/IV and III/IV ME Students are here by informed that Department of Mechanical Engineering is conducting a Two Weeks Certificate Program on “WELDING (Advanced)” Dr. Y. K. S. Subba Rao, Professor, Aditya College of Engineering, Surampalem, is the Resource person. The program will be held from 04.12.2017 to 16.12.2017. All the interested students are instructed to register their names in the Department office on or before 01.12.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-2, 3<sup>rd</sup> floor

  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Tirupathi (VI), Divili, Peddapuram (M),  
E.G. Dist, 533433.

**Circulated to:** All HoD's

CE - R. Ramesh Krishna  
EEE - T. LA  
ME - S. S. S.  
ECE - A. A.  
CSE - M. M.  
AGR - T. P. P.

**Copy to:** Notice board



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 01.12.2017

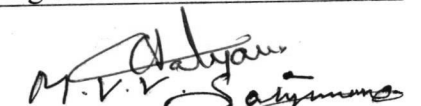
Week/Day-Wise Schedule

Name of the Program: "WELDING (Advanced)"

| S.NO | DAY       | DATE       | TOPICS COVERED   |
|------|-----------|------------|--|
| 1    | Monday    | 04.12.2017 | <ul style="list-style-type: none"><li>• Fundamentals of welding</li><li>• Difference between joining and welding</li><li>• Advantages and Disadvantages of Welding</li><li>• History of welding</li><li>• Types of the welding process</li></ul> |
| 2    | Tuesday   | 05.12.2017 | <ul style="list-style-type: none"><li>• Components used for welding process (Filler material, Flux, and Electrolyte)</li><li>• Consumable and Non-consumable electrolyte</li></ul>   |
| 3    | Wednesday | 06.12.2017 | <ul style="list-style-type: none"><li>• Welding positions</li><li>• Welding Electrode Nomenclature</li></ul>   |
| 4    | Thursday  | 07.12.2017 | <ul style="list-style-type: none"><li>• Type of Weld Joints (Butt joint, Corner Joint, Lap joint, Tee Joint, Edge Joint)</li></ul>   |
| 5    | Friday    | 08.12.2017 | <ul style="list-style-type: none"><li>• Types of Weld (Filler Weld, Groove Weld, Plug weld or slot weld, Spot and Seam weld, Flange and Surface Weld)</li><li>• Physics of welding (Power Density and Numerical of Power Density)</li></ul>      |
| 6    | Saturday  | 09.12.2017 | <ul style="list-style-type: none"><li>• Heat Balance in Fusion Welding</li><li>• Welding as Commercial Operation</li></ul>   |
| 7    | Monday    | 11.12.2017 | <ul style="list-style-type: none"><li>• Automation in Welding (Machine, Automatic and Robotic)</li><li>• Welding Safety and precautions</li></ul>  |
| 8    | Tuesday   | 12.12.2017 | <ul style="list-style-type: none"><li>• Welding Categories</li><li>• Fusion Welding, Solid State Welding, Soldering and Brazing</li></ul>  |
| 9    | Wednesday | 13.12.2017 | <ul style="list-style-type: none"><li>• Arc Welding and Shielding</li><li>• The power source in Arc welding</li></ul>  |
| 10   | Thursday  | 14.12.2017 | <ul style="list-style-type: none"><li>• Types of Arc Welding</li><li>• Shielding metal arc welding</li></ul>   |
| 11   | Friday    | 15.12.2017 | <ul style="list-style-type: none"><li>• Gas Metal Arc Welding, Flux Cored Arc Welding, Submerged Arc Welding</li></ul>   |
| 12   | Saturday  | 16.12.2017 | <ul style="list-style-type: none"><li>• Gas Tungsten welding and Plasma arc welding</li></ul>  |



(Dr. Y. K. S. Subba Rao)  
Resource Person

  
(Mr. M.V.V Satyanarayana)  
HoD

## Objective of the Programme:-

- to comprehend every kind of welding procedure used in industry.
- o have a thorough understanding of the welding procedures.

### Resource Person:

**Dr. Y. K. S. Subba Rao**

Professor, Aditya College of Engineering  
Surampalem

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Mr. N. C. Mitra**  
DEPT.OF ME

**COORDINATOR**  
**Mr. N. C. Mitra**  
DEPT.OF ME

ADDRESS FOR COMMUNICATION:

**Mr. N. C. Mitra**  
Coordinatot  
DEPT.OF E

**Kakinada Institute of Technology and Science**  
Divili, East Godacari, A.P.



**Kakinada Institute Of Technology And Science**  
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Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

**A Two Weeks**  
**Certificate Program**

on  
**"WELDING (ADVANCED)"**

**Dates:**

**04.12.2017 to 16.12.2017**

**Organized by:**

**Department of ME**

**Venue:**

**Seminar Hall-1**

**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433

**INDIA**

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M. Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

Managing moving machines of the world! It is this catchy phrase that has made Mechanical Engineering the thriving branch for being an integral part in shaping our world run on machines. The Mechanical Engineering department at Kakinada institute of technology and science has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with umpteen number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study. The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORKS.

### Organising Secretary:

**Mr. N. C. Mitra**  
DEPT OF ME

## Topics covered

- Fundamentals of welding
- History of welding
- Types of the welding process
- Welding positions
- Type of Weld Joints





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
**(Accredited by NAAC with B+ grade)**

Date: 20.12.2017

**PROGRAM REPORT**

**Name of the Program** :Two Weeks Certificate Program on “WELDING (Advanced)”

**Date / Duration** :04.12.2017 to 16.12.2017 (72 Hours)

**Resource Person** :Dr. Y. K. S.Subba Rao, Professor, Aditya College of Engineering,  
Surampalem

**Name of Coordinator**:Mr.N. C. Mitra, ME Department, KITS,Divili

**Number of Participants**:133

**Program Objectives** :The objectives of this program are

- to comprehend every kind of welding procedure used in industry.
- o have a thorough understanding of the welding procedures.

**Topics Covered** :The following topics were discussed in this certificate program

- Fundamentals of welding
- History of welding
- Types of the welding process
- Welding positions
- Type of Weld Joints

**Program Outcome** :The workshop is intended to facilitate the students to acquire Knowledge and information on welding , welding procedures and welding types. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**

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

(Accredited by NAAC with B+ grade)

NAME OF THE PROGRAMME: "WELDING(ADVANCE)

A.Y-2017-18

DATE :04/12/2017

| S.No | ROLL NO    | NAME OF THE CANDIDATE  | SIGNATURE          |
|------|------------|------------------------|--------------------|
| 1    | 15JQ1A0301 | ARTHAMURI VIJAY PAVAN  | A. Vijay pavan     |
| 2    | 15JQ1A0302 | ATTHI HARIKUMAR        | A. hari kumar      |
| 3    | 15JQ1A0303 | BATHULA HARIBABU       | B. hari babu       |
| 4    | 15JQ1A0304 | BEEJA CHIRANJEEVI      | B. Chiranjeevi     |
| 5    | 15JQ1A0305 | BODA KIRANBABU         | B. Kiran babu      |
| 6    | 15JQ1A0306 | BONDI VALLABHESWARARAO | B.V. Swararao      |
| 7    | 15JQ1A0307 | BULIPE RAGHAVABABU     | B. Raghav babu     |
| 8    | 15JQ1A0308 | CHANDAKA APPALA RAJU   | ch. A Raju         |
| 9    | 15JQ1A0309 | CHAPPA VAMSI KRISHNA   | Ch. Vamsi Krishna  |
| 10   | 15JQ1A0310 | CHILLA HARISH          | C. harisha         |
| 11   | 15JQ1A0311 | CHINTA SURESH          | CH. Suresh         |
| 12   | 15JQ1A0312 | CHUKKA SURESH          | Ch. Suresh         |
| 13   | 15JQ1A0313 | DADI SWAMY             | D. Swamy           |
| 14   | 15JQ1A0314 | DAMMALA PUTRAYYA       | Dt. Putrayya       |
| 15   | 15JQ1A0315 | DEVAGUPTAPU SAIKRISHNA | D. Sri Krishna     |
| 16   | 15JQ1A0316 | DEVARAPALLI ANILKUMAR  | D. Anil Kumar      |
| 17   | 15JQ1A0317 | DHANALA VENKATA RAMANA | Dh. Venkata ramana |
| 18   | 15JQ1A0318 | DONUM VIJAY            | D. Vijay           |
| 19   | 15JQ1A0319 | DOODI NAGENDRA         | D. Nagendra        |
| 20   | 15JQ1A0320 | DULLA CHANDU           | D. Chandu          |
| 21   | 15JQ1A0321 | DUVVAPU CHINNI         | D. Chinni          |
| 22   | 15JQ1A0322 | GOLTHI NAVEEN KUMAR    | G. Naveen Kumar    |
| 23   | 15JQ1A0323 | GUDALA RAJESH          | G. Rajesh          |
| 24   | 15JQ1A0324 | GUDALA VENKATESH       | G. Venkatesh       |
| 25   | 15JQ1A0325 | GUDAVARTHY BUNNIBABU   | G. Bunnibabu       |
| 26   | 15JQ1A0326 | KAKADA KAMAL KUMAR     | K. Kamal           |
| 27   | 15JQ1A0327 | KANIPE SRIKRISHNA      | K. Sri Krishna     |
| 28   | 15JQ1A0328 | KATAKAM PRASAD         | K. Prasad          |

|    |            |                                 |                        |
|----|------------|---------------------------------|------------------------|
| 29 | 15JQ1A0329 | KOKKIRIPATI PRAVEEN KUMAR       | K. P. Kumar            |
| 30 | 15JQ1A0330 | KOKKIRIPATI STEVEN SON          | K. S. Son              |
| 31 | 15JQ1A0331 | KONDURU PRASANTH                | K. Prasant             |
| 32 | 15JQ1A0332 | LONA SUNIL                      | K. Sunil...            |
| 33 | 15JQ1A0333 | MADHE NAVEEN KUMAR              | L. Sunil               |
| 34 | 15JQ1A0334 | MAILAPALLI SRINU                | M. Srinu               |
| 35 | 15JQ1A0335 | MAJJI RAMAKRISHNA               | M. Ramakrishna         |
| 36 | 15JQ1A0336 | MANDALA HAREESH                 | M. Hareesh             |
| 37 | 15JQ1A0337 | MANDANGI SAI KUMAR              | M. Sai Kumar           |
| 38 | 15JQ1A0338 | MARISSETTI SATISH               | M. Satish              |
| 39 | 15JQ1A0339 | MASIMUKKU VINAY CHAND           | M. Vinay Chand         |
| 40 | 15JQ1A0340 | MORTHA RAJEEV                   | M. Rajeev              |
| 41 | 15JQ1A0341 | MORTHA SRI KRISHNA              | M. Sri Krishna         |
| 42 | 15JQ1A0342 | MUTHU SAI KUMAR                 | M. Saikumar            |
| 43 | 15JQ1A0343 | NAINI RAJA SEKHAR REDDY         | N. R. S. Reddy         |
| 44 | 15JQ1A0344 | NELLURI NAGARJUNABABU           | N. Nagarjunababu       |
| 45 | 15JQ1A0345 | NUKALAMANTHI PRABHU TEJA        | N. Prabhu Teja         |
| 46 | 15JQ1A0346 | ORSU VEERANNA                   | O. Veeranna            |
| 47 | 15JQ1A0348 | PAPPUSETTI CHAKRADHAR           | P. Chakradhar          |
| 48 | 15JQ1A0349 | PEBBILI NANAJI                  | P. Nanaji              |
| 49 | 15JQ1A0350 | PEDAPUDI UMA MAHESWARA RAO      | P. U. M. Rao           |
| 50 | 15JQ1A0351 | PRATTIPATI MAHESH BABU          | P. Mahesh Babu         |
| 51 | 15JQ1A0353 | SAMANA MANIKANTA                | S. Manikanta           |
| 52 | 15JQ1A0354 | SANGANA RAJA SEKHAR REDDY       | S. R. Sekhar Reddy     |
| 53 | 15JQ1A0355 | SANGANI SRIRAMARAJU             | S. Sriram Raju         |
| 54 | 15JQ1A0356 | SENAPATHI VENKATESH             | S. Venkatesh           |
| 55 | 15JQ1A0357 | SHAIKKONDAPALLI SAIDA           | S. Saida               |
| 56 | 15JQ1A0358 | SIRIKE SAI KIRAN                | S. Saikiran            |
| 57 | 15JQ1A0359 | SUNKARA SIVA                    | S. Siva                |
| 58 | 15JQ1A0361 | TEKUMUDI PRATEEP                | T. Prateep             |
| 59 | 15JQ1A0363 | UNDURTHI ANAND KUMAR            | U. Anand Kumar         |
| 60 | 15JQ1A0364 | VAVILAPALLI ATCHUTARAO          | V. Atchutha Rao        |
| 61 | 15JQ1A0365 | VISAMSETTI NANI BABU            | V. Nambabu             |
| 62 | 15JQ1A0366 | YARRAMILLI HARIKUMAR            | Y. Hari Kumar          |
| 63 | 15JQ1A0367 | YARRAMREDDY SAI CHAITANYA REDDY | Y. Sai Chaitanya Reddy |
| 64 | 15JQ1A0368 | BIKKINA SAICHARAN               | B. Saicharan           |
| 65 | 15JQ1A0369 | G MAHESH                        | G. Mahesh...           |
| 66 | 15JQ1A0370 | KANDULA SURESH                  | K. Suresh              |
| 67 | 15JQ1A0371 | N VENKATESH                     | N. Venkatesh           |
| 68 | 15JQ1A0372 | PALLETI DURGA PRASAD            | P. Durga Prasad        |
| 69 | 15JQ1A0373 | P VAMSI SAGAR                   | P. Vamsi Sagar         |
| 70 | 15JQ1A0374 | P NAGABABU                      | P. Nagababu            |

|     |            |                                  |                     |
|-----|------------|----------------------------------|---------------------|
| 71  | 15JQ1A0375 | PALAPRATI SANTHOSH               | P. Santhosh         |
| 72  | 15JQ1A0376 | TEKU VIJAY KUMAR                 | T. Vijay Kumar      |
| 73  | 15JQ1A0377 | T SATISH KUMAR                   | T. Kumar            |
| 74  | 15JQ1A0378 | VANUKU.ANKI REDDY                | V. Reddy            |
| 75  | 15JQ1A0379 | YENUGANTI SIVA SEKHAR            | Y. Siva Sekhar      |
| 76  | 15JQ1A0380 | P GANGADHAR                      | P. Gangadhar        |
| 77  | 15JQ1A0382 | B KASI BABU                      | B. k. Babu          |
| 78  | 15JQ1A0383 | K AJAY KUMAR                     | K. Ajay Kumar       |
| 79  | 16JQ5A0301 | ANAKAPALLI SURESH                | A. Suresh           |
| 80  | 16JQ5A0302 | BARRE SANTHOSH RAJA              | B. Santhosh Raja    |
| 81  | 16JQ5A0303 | CHELLE CHINNABABU                | Ch. Chinnababu      |
| 82  | 16JQ5A0304 | CHIKKALA LOVAPRASAD              | Ch. Lovaprasad      |
| 83  | 16JQ5A0305 | CHODE PRATUSHA RAJA              | Ch. Pratusha Raja   |
| 84  | 16JQ5A0306 | GUNDRAPU RAJKUMAR                | G. Raj Kumar        |
| 85  | 16JQ5A0307 | KAKINADA GIRI                    | K. GIRI             |
| 86  | 16JQ5A0308 | KURANDASU SRINIVASA RAO          | K. Srinivasa Rao    |
| 87  | 16JQ5A0309 | LALAM RAMALAKSHMI                | L. Ramalakshmi      |
| 88  | 16JQ5A0310 | MATSA S CH S CHANDRA APPAJI      | M. Ch. appaji       |
| 89  | 16JQ5A0311 | NOKKU SURESH                     | N. Suresh           |
| 90  | 16JQ5A0312 | PENUBOTHULA SURESH               | P. Suresh           |
| 91  | 16JQ5A0313 | PANJA DURGAPRASAD                | P. Durga Prasad     |
| 92  | 16JQ5A0314 | PASUPULETI RAJA                  | P. Raja             |
| 93  | 16JQ5A0315 | PENTA DASARADHA RAMBABU          | P. D. Rambabu       |
| 94  | 16JQ5A0316 | PULAPA SATISH                    | P. Satish           |
| 95  | 16JQ5A0317 | PYDIKONDALA VEERA GANGADHARA RAO | P. V. G. Rao        |
| 96  | 16JQ5A0318 | RASAMSETTI VEERA GANESH          | R. V. Ganesh        |
| 97  | 16JQ5A0319 | SUNKARA MANIKANTA                | S. Manikanta        |
| 98  | 16JQ5A0320 | SWAMIREDDY NAGENDRA SWAMY        | S. N. Swamy         |
| 99  | 16JQ5A0321 | THOTA KRISHNA PAPARAO            | Th. Krishna Paparao |
| 100 | 16JQ5A0322 | UDAYA KIRAN ANUSURI              | U. K. Anusuri       |
| 101 | 16JQ5A0323 | UMMIDI GOPI                      | U. Gopi             |
| 102 | 16JQ5A0324 | VISWANADHAPALLI CHANDU           | V. Chandu           |
| 103 | 16JQ5A0325 | YEERAMSETTI RUKESH KUMAR         | Y. Rakesh Kumar     |
| 104 | 16JQ1A0305 | BONDI HARISH                     | B. Harish           |
| 105 | 16JQ1A0306 | CHEVALA ASHOK                    | Ch. Ashok           |
| 106 | 16JQ1A0307 | CHILLA VARAPRASAD                | Ch. Varaprasad      |
| 107 | 16JQ1A0308 | GANDI RAMAKRISHNA                | G. Rama Krishna     |
| 108 | 16JQ1A0310 | GEDDAM SATYA SAI                 | G. Satya Sai        |
| 109 | 16JQ1A0312 | GOVU AVINASH                     | G. Avinash          |
| 110 | 16JQ1A0315 | K ASHOK KUMAR                    | K. A. Kumar         |
| 111 | 16JQ1A0317 | KARANAM SEKHAR                   | K. Sekhar           |
| 112 | 16JQ1A0318 | KARRI JAYAKUMAR                  | K. V. Jayakumar     |

|     |            |   |                            |
|-----|------------|---|----------------------------|
| 113 | 16JQ1A0320 | KOKKIRIPATI KISHORE                     | K. Kishore                 |
| 114 | 16JQ1A0321 | KOLLURI MANIKUMAR                       | K. Manikumar               |
| 115 | 16JQ1A0323 | KUNCHE SOMARAJU                         | K. Somaraju                |
| 116 | 16JQ1A0325 | MANCHALA SRI RANGA SWAMY<br>CHANDRABOSE | M. S. R. S.<br>Chandrabose |
| 117 | 16JQ1A0326 | MEDIBOINA CHANDRA SEKHAR                | M. Chandra Sekhar          |
| 118 | 16JQ1A0327 | MIRIYALA RAJEEV                         | M. Rajesh                  |
| 119 | 16JQ1A0328 | MOLUGU SRINIVASA SIVANNARAYANA<br>SWAMY | M. S. S. Swamy             |
| 120 | 16JQ1A0329 | MURA KAMESH                             | M. Kamesh                  |
| 121 | 16JQ1A0330 | OLETI SRINU                             | O. Srinu                   |
| 122 | 16JQ1A0331 | PEDDINTI BALAKRISHNA                    | P. Balakrishna             |
| 123 | 16JQ1A0332 | POLNATI YESEBU                          | P. Yesebu                  |
| 124 | 16JQ1A0333 | PULAGALA PAVAN KALYAN                   | P. Pavan Kalyan            |
| 125 | 16JQ1A0334 | REKADI SRINIVASA RAO                    | R. Srinivasa Rao           |
| 126 | 16JQ1A0335 | SAKHINA SWAMY                           | S. Swamy                   |
| 127 | 16JQ1A0337 | SARAKULA PREM KUMAR                     | S. Prem Kumar              |
| 128 | 16JQ1A0338 | SATHI VEERA NAGENDRA                    | S. Veera nagendra          |
| 130 | 16JQ1A0339 | SAVADI VIJAYA BHASKAR                   | S. Vijaya Bhaskar          |
| 131 | 16JQ1A0340 | SHAIK HASSEN                            | S. Hassen                  |
| 132 | 16JQ1A0342 | TATAPUDI NAVEEN KUMAR                   | T. Naveen Kumar            |
| 133 | 16JQ1A0343 | THUTTA NAGARAJU                         | T. Nagaraju                |

M. V. V. Satyanarayana  
HOD




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 30.05.2017


**CIRCULAR**

All II/IV and III/IV CSE Students are here by informed that Department of Computer Science Engineering is conducting a Two Weeks Certificate Program on “Python Programming” Mr. B. S. N.V. Ramana Murthy, Associate Prof., Pragathi Engineering College, Surampalem, is the Resource person. The program will be held from 02.06.2017 to 16.06.2017. All the interested students are instructed to register their names in the Department office on or before 31.05.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-2, 3<sup>rd</sup> floor

  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Tirupathi (VI), Divili, Peddapuram (M),  
E.G. Dist-533432.

**Circulated to:** All HoD's

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**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 31.05.2017

Week/Day-Wise Schedule

Name of the Program: “Python Programming”

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Friday    | 02.06.2017 | <ul style="list-style-type: none"><li>• Introduction to Python</li><li>• Python IDE/Editor Installation</li></ul> |
| 2    | Saturday  | 03.06.2017 | <ul style="list-style-type: none"><li>• Input and Output in Python</li></ul>                                      |
| 3    | Monday    | 05.06.2017 | <ul style="list-style-type: none"><li>• Python Regular Expressions</li></ul>                                      |
| 4    | Tuesday   | 06.06.2017 | <ul style="list-style-type: none"><li>• Python Variable</li></ul>   |
| 5    | Wednesday | 07.06.2017 | <ul style="list-style-type: none"><li>• Operators</li></ul>   |
| 6    | Thursday  | 08.06.2017 | <ul style="list-style-type: none"><li>• Control Statements</li></ul>  |
| 7    | Friday    | 09.06.2017 | <ul style="list-style-type: none"><li>• Python built in function</li></ul>  |
| 8    | Saturday  | 12.06.2017 | <ul style="list-style-type: none"><li>• User Defined Functions</li></ul>  |
| 9    | Monday    | 13.06.2017 | <ul style="list-style-type: none"><li>• Python Object Oriented Programming</li></ul>                              |
| 10   | Tuesday   | 14.06.2017 | <ul style="list-style-type: none"><li>• Inheritance with example</li></ul>  |
| 11   | Friday    | 15.06.2017 | <ul style="list-style-type: none"><li>• Polymorphism with example</li></ul>                                       |
| 12   | Saturday  | 16.06.2017 | <ul style="list-style-type: none"><li>• Errors and exceptions with examples and handson</li></ul>                 |

(Mr. B. S. N.V. Ramana Murthy)  
Resource Person

(Mr. B. Veerendra)  
HoD

## Objective of the Programme:-

- To comprehend the benefits of Python as a scripting language for developers.
- To recognize Python object types

## Resource Person:

### **Mr. B. S. N.V. Ramana Murthy**

Associate Prof., Pragathi Engineering  
College, Surampalem

## REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

## PROGRAM COMMITTEE:

### CHIEF PATRON

**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

### PATRON

**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

### CONVENOR

**Ms. S Ramya**  
DEPT.OF CSE

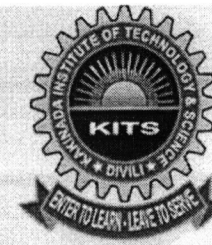
### COORDINATOR

**Ms. S Ramya**  
DEPT.OF CSE

### ADDRESS FOR COMMUNICATION:

**Ms. S Ramya**  
Coordinatot  
DEPT.OF CSE

**Kakinada Institute of Technology and Science**  
Divili, East Godacari, A.P.



**Kakinada Institute Of Technology And Science**  
(Approved by AICTE, Affiliated to JNTU Kakinada,  
Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

*A Two Weeks*  
*Certificate Program*  
*on*

**"PYTHON PROGRAMMING"**

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**Dates:**  
**02.06.2017 to 16.06.2017**

**Organized by:**  
**Department of CSE**

**Venue:**  
Seminar Hall-1  
**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of Computer Science & Engineering was established in the year 2008.. It has qualified and experienced faculties to impart quality education and enhance the knowledge of student community. The Department has good laboratory facilities and aims at maintaining a high standard of educational excellence. Our students have received acclaim in various competitions conducted by leading Institutions and Universities across India and recently participated in HACKATHON contest conducted by Govt. of India.

## Organising Secretary:

**Ms. S Ramya**  
**DEPT OF CSE**

## Topics covered

- Introduction to Python
- Python IDE/Editor Installation
- Input and Output in Python
- Python Variable, operators and control statements







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**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
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**(Accredited by NAAC with B+ grade)**

Date: 20.06.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Python Programming”

**Date / Duration** : 02.06.2017 to 16.06.2017 (72 Hours)

**Resource Person** : Mr. B. S. N.V. Ramana Murthy, Associate Prof., Pragathi Engineering  
College, Surampalem

**Name of Coordinator**: Ms. S Ramya, CSE Department, KITS, Divili

**Number of Participants**: 109

**Program Objectives** : The objectives of this program are

- To comprehend the benefits of Python as a scripting language for developers.
- To recognize Python object types

**Topics Covered** : The following topics were discussed in this certificate program

- Introduction to Python
- Python IDE/Editor Installation
- Input and Output in Python
- Python Variable, operators and control statements

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on Python programming language fundamentals and object-oriented principles. This program will help the students to enter into the Modern Technologies.

  
Coordinator

  
HoD / Date



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**

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

(Accredited by NAAC with B+ grade)

NAME OF THE PROGRAMME: "Python Programming"

A.Y-2017-18

DATE :02/06/2017

| S.No | ROLL NO    | NAME OF THE CANDIDATE          | SIGNATURE       |
|------|------------|--------------------------------|-----------------|
| 1    | 15JQ1A0501 | BALLA LAKSHMI LAVANYA          | B.L.lavanya.    |
| 2    | 15JQ1A0502 | BANDI SOWJANYA                 | B. Sowjanya     |
| 3    | 15JQ1A0504 | CHEVALA ASEERWADAM             | Ch. Aseerwadam  |
| 4    | 15JQ1A0505 | CHODIPALLI ESWARA RAO          | Ch. Eswara Rao  |
| 5    | 15JQ1A0506 | DANGETI SANGEETHA              | D. Sangeetha    |
| 6    | 15JQ1A0508 | GUDUPU SRAVANI                 | G. Sravan       |
| 7    | 15JQ1A0509 | JONNAKUTI KEERTHI              | J. Keerthi      |
| 8    | 15JQ1A0510 | KAPARAPU SURESH                | K. Suresh       |
| 9    | 15JQ1A0511 | KATIKALA AKHIL                 | k. Akhil        |
| 10   | 15JQ1A0512 | KOKKIRIPATI PAVANI             | k. Pavan        |
| 11   | 15JQ1A0513 | KOTA VENKATESH                 | K. Venkatesh    |
| 12   | 15JQ1A0514 | KURRI RAMADEVI                 | k. Ramadevi     |
| 13   | 15JQ1A0515 | MALLAVARAPU CHILAKAMMA         | m. ChilaKamma   |
| 14   | 15JQ1A0516 | MARAPATLA MAHALAKSHMI          | M. Mahalakshmi  |
| 15   | 15JQ1A0517 | MARRI NIHARIKA                 | M. Niharika     |
| 16   | 15JQ1A0518 | MATTAPARTHI SUJATHA            | M. Sujatha      |
| 17   | 15JQ1A0519 | MERUGU GEETHIKA                | m. Geethika     |
| 18   | 15JQ1A0520 | MUMMINI SRI LAKSHMI            | m. Sri Lakshmi  |
| 19   | 15JQ1A0521 | NALLABOTHULA VENKATA SUBBA RAO | N.V. Subbarao   |
| 20   | 15JQ1A0522 | NEELAM SWAPNA                  | N. Swapna       |
| 21   | 15JQ1A0523 | PAPAGANTI NAVYA SRI            | P. Navya Sri    |
| 22   | 15JQ1A0524 | POSINA LALITHA                 | P. Lalitha      |
| 23   | 15JQ1A0525 | RAPETI ROJAMADHURI             | R. Rojamaadhuri |
| 24   | 15JQ1A0526 | RAYI VEERALAKSHMI              | R. veeralakshmi |
| 25   | 15JQ1A0527 | SANIBOYINA NAGA SATISH         | s. Naga Satish  |
| 26   | 15JQ1A0528 | SESETTI LAVANYA                | S. Lavanya      |
| 27   | 15JQ1A0529 | SWATHI TALLURI                 | S. Talluri      |
| 28   | 15JQ1A0530 | URUMU SANDHYA                  | U. Sandhya      |

|    |            |                                     |                       |
|----|------------|-------------------------------------|-----------------------|
| 29 | 15JQ1A0531 | B BHAIKAVAMURTHY                    | B. Bhairavamurthy     |
| 30 | 15JQ1A0532 | B S LAKSHMI TULASI                  | B. Lakshmi Tulasi     |
| 31 | 15JQ1A0533 | B V V DURGA PRASAD                  | BVV Durga prasad      |
| 32 | 15JQ1A0534 | KARRI BABI                          | K. Babi               |
| 33 | 15JQ1A0535 | KOLA SURESH                         | K. Suresh             |
| 34 | 15JQ1A0536 | VANUM MANIKANTA                     | V. Manikanta          |
| 35 | 15JQ1A0537 | G S G VENKATA MANIKANTA             | G.S.G.G. manikanta    |
| 36 | 15JQ1A0538 | A PHANI KUMARI                      | A. Kumari             |
| 37 | 16JQ5A0501 | ADDEPALLI VIJAY                     | A. vijay              |
| 38 | 16JQ5A0502 | CHANNANGI MANIKANTA                 | ch. manikanta         |
| 39 | 16JQ5A0503 | KUCHIMANCHI VEERA MANI SREE         | K.V. mani sree        |
| 40 | 16JQ5A0504 | MEDIDI YAGNESWARA NAGABABU          | M.Y. nagababu         |
| 41 | 16JQ5A0505 | NARALASETTI DURGA PRASAD            | N. Durga prasad       |
| 42 | 16JQ5A0506 | TANALA S CH U S RATNA BHUPATHI      | T. D. Bhupathi        |
| 43 | 16JQ1A0501 | BELEM SATYA VENI                    | B. Satyaveni          |
| 44 | 16JQ1A0502 | BHEEMAVARAPU THANEESHA              | B.A. Thaneesha        |
| 45 | 16JQ1A0504 | BOORA RAJU                          | B. Raju               |
| 46 | 16JQ1A0505 | DHARANIKOTA RAVI PRAKASH            | D. Ravi Prakash       |
| 47 | 16JQ1A0506 | DOWLURI SWARNA LATHA                | D. Swarna Latha       |
| 48 | 16JQ1A0507 | DRAKSHARAPU SUNEEL KUMARI           | D.S. kumari           |
| 49 | 16JQ1A0508 | GAMPALA LATHA                       | G. Latha              |
| 50 | 16JQ1A0509 | INAKONDA JAYA LAKSHMI               | I.J. Lakshmi          |
| 51 | 16JQ1A0510 | JAGATHANI SAI PRASAD                | J. Sai prasad         |
| 52 | 16JQ1A0511 | JANDYALA ANJI                       | J. Anji               |
| 53 | 16JQ1A0512 | KARINI SIREESHA                     | K. Sireesha           |
| 54 | 16JQ1A0513 | KOLLI SALOMI                        | K. Salomi             |
| 55 | 16JQ1A0514 | KAMBHAM RAMAKRISHNA                 | K. Rama krishna       |
| 56 | 16JQ1A0515 | KOMMIREDDY RAJA REDDY               | K.R. Reddy            |
| 57 | 16JQ1A0516 | KOTA VENKATASIVAREDDY               | K. V.S Reddy          |
| 58 | 16JQ1A0518 | MARAM RAMI REDDY                    | M. Rami Reddy         |
| 59 | 16JQ1A0519 | NAKKA SREELEKHA                     | N. Sreelekha          |
| 60 | 16JQ1A0520 | NARSI LOVA KUMARI                   | N. Lovakumari         |
| 61 | 16JQ1A0521 | NEMALA NANDINI                      | N. nandini            |
| 62 | 16JQ1A0523 | PARACKAL KRISHNENDU                 | P. Krishnenadu        |
| 63 | 16JQ1A0527 | PONNAMATI MOUNIKA SRI               | P. mounika sri        |
| 64 | 16JQ1A0528 | SAMANA HIMA DURGA CHANDINI          | S. H. D. Chandini     |
| 65 | 16JQ1A0529 | SAMANA KUSUMA                       | S. Kusuma             |
| 66 | 16JQ1A0530 | SAVARA TIRUPATHIRAO                 | S. Tirupathirao       |
| 67 | 16JQ1A0531 | SETTIBATHULA SRIDEVI                | S. Sridevi            |
| 68 | 16JQ1A0533 | THUMMALAPALLI AKHILA                | T. Akhila             |
| 69 | 16JQ1A0537 | VINNAKOTA DHARANI                   | V. Dhareeni           |
| 70 | 16JQ1A0538 | BATTINA VEERA VENKATA SATYANARAYANA | B. V.V. satyanarayana |

|     |            |                                     |                        |
|-----|------------|-------------------------------------|------------------------|
| 71  | 16JQ1A0540 | CHAVVAKULA PRATHYUSHA               | C. Prathyusha          |
| 72  | 16JQ1A0541 | GUNDEPALLI LAKSHMI DURGA            | G. L. Dwayer           |
| 73  | 16JQ1A0543 | YALAMANCHILI PAVAN KALYAN           | Y. Pavan kalyan        |
| 74  | 17JQ5A0501 | ALISETTI GOVIND KUMAR               | A. Govind kumar        |
| 75  | 15JQ1A0510 | KAPARAPU SURESH                     | K. Suresh              |
| 76  | 15JQ1A0513 | KOTA VENKATESH                      | K. Venkatesh           |
| 78  | 16JQ1A0501 | BELEM SATYA VENI                    | B. Satya Veni          |
| 79  | 16JQ1A0502 | BHEEMAVARAPU THANEESHA              | B. A. Thaneesha        |
| 80  | 16JQ1A0504 | BOORA RAJU                          | B. Raju                |
| 81  | 16JQ1A0505 | DHARANIKOTA RAVI PRAKASH            | D. Ravi prakash        |
| 82  | 16JQ1A0506 | DOWLURI SWARNA LATHA                | D. Swarna latha        |
| 83  | 16JQ1A0507 | DRAKSHARAPU SUNEEL KUMARI           | D. S. kumari           |
| 84  | 16JQ1A0508 | GAMPALA LATHA                       | G. Latha               |
| 85  | 16JQ1A0509 | INAKONDA JAYA LAKSHMI               | J. Jaya lakshmi        |
| 86  | 16JQ1A0510 | JAGATHANI SAI PRASAD                | J. Sai prasad          |
| 87  | 16JQ1A0511 | JANDYALA ANJI                       | J. Anji                |
| 88  | 16JQ1A0512 | KARINI SIREESHA                     | K. Sireesha            |
| 89  | 16JQ1A0513 | KOLLI SALOMI                        | K. Salomi              |
| 90  | 16JQ1A0514 | KAMBHAM RAMAKRISHNA                 | K. Ramakrishna         |
| 91  | 16JQ1A0515 | KOMMIREDDY RAJA REDDY               | K. Raja Reddy          |
| 92  | 16JQ1A0516 | KOTA VENKATASIVAREDDY               | K. V. Siva Reddy       |
| 93  | 16JQ1A0518 | MARAM RAMI REDDY                    | M. Rami Reddy          |
| 94  | 16JQ1A0519 | NAKKA SREELEKHA                     | N. Sreelekha           |
| 95  | 16JQ1A0520 | NARSI LOVA KUMARI                   | N. Lova kumari         |
| 96  | 16JQ1A0521 | NEMALA NANDINI                      | N. Nandini             |
| 97  | 16JQ1A0523 | PARACKAL KRISHNENDU                 | P. Krishnendu          |
| 98  | 16JQ1A0527 | PONNAMATI MOUNIKA SRI               | P. Mounika sri         |
| 99  | 16JQ1A0528 | SAMANA HIMA DURGA CHANDINI          | S. H. D. Chandini      |
| 100 | 16JQ1A0529 | SAMANA KUSUMA                       | S. Kusuma              |
| 101 | 16JQ1A0530 | SAVARA TIRUPATHIRAO                 | S. T. Thirao           |
| 102 | 16JQ1A0531 | SETTIBATHULA SRIDEVI                | S. Thata sridevi       |
| 103 | 16JQ1A0533 | THUMMALAPALLI AKHILA                | T. Akhila              |
| 104 | 16JQ1A0537 | VINNAKOTA DHARANI                   | V. Dharaani            |
| 105 | 16JQ1A0538 | BATTINA VEERA VENKATA SATYANARAYANA | B. V. V. Satyanarayana |
| 106 | 16JQ1A0540 | CHAVVAKULA PRATHYUSHA               | Ch. Prathyusha         |
| 107 | 16JQ1A0541 | GUNDEPALLI LAKSHMI DURGA            | G. A. L. Dwayer        |
| 108 | 16JQ1A0543 | YALAMANCHILI PAVAN KALYAN           | Y. P. Kalyan           |
| 109 | 17JQ5A0501 | ALISETTI GOVIND KUMAR               | A. Govind kumar        |

  
HOD



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 02.06.2017

**CIRCULAR**

All II/IV and III/IV AGR Students are here by informed that Department of Agricultural Engineering is conducting a Two Weeks Certificate Program on “**Climate Smart Precision Farming**” Ms. J. Sai Sudha, Assistant professor, ISTS Womens college, Rajanagaram, is the Resource person. The program will be held from 06.06.2017 to 19.06.2017. All the interested students are instructed to register their names in the Department office on or before 03.06.2017

All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-1, 1<sup>st</sup> floor

**PRINCIPAL**

Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (M.D.)  
E.G. Dist.-533433.

**Circulated to:** All HoD's

CE - R. Rama Krishna

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**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)


Date: 03.06.2017

**Week/Day-Wise Schedule**

Name of the Program: “Climate Smart Precision Farming”

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Tuesday   | 06.06.2017 | • Climate change and global warming                       |
| 2    | Wednesday | 07.06.2017 | • Impacts of climate change on agriculture                |
| 3    | Thursday  | 08.06.2017 | • Food security   |
| 4    | Friday    | 09.06.2017 | • Basics of climate change adaptation                     |
| 5    | Saturday  | 10.06.2017 | • Mitigation in the agricultural sectors                  |
| 6    | Monday    | 12.06.2017 | • Climate-smart agriculture                               |
| 7    | Tuesday   | 13.06.2017 | • Climate change adaptation in the agriculture sector     |
| 8    | Wednesday | 14.06.2017 | • CSA as a strategy to reduce climate risk in agriculture |
| 9    | Thursday  | 15.06.2017 | • Principles defining CSA practices                       |
| 10   | Friday    | 16.06.2017 | • Water management  |
| 11   | Saturday  | 17.06.2017 | • Soils management and plant nutrition                    |
| 12   | Monday    | 19.06.2017 | • Crop management   |

  
(Ms. S. Sai Sudha)  
Resource Person

  
( Dr. T. Prabhakar)  
HoD

## Objective of the Programme:-

- To learn about Climate-Smart Precision Agriculture
- To gain knowledge on how agriculture, food security, and food systems are affected by climate change
- To gain knowledge about the idea of coping with and mitigating climate change, as well as the relevant tactics that could be used in agriculture

### Resource Person:

**Ms. J. Sai Sudha**

Assistant professor, ISTS Womens college,  
Rajanagaram

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:  
.....

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Mr. Barun kumar yadav**  
DEPT.OF AGR

**COORDINATOR**  
**Mr. Barun kumar yadav**  
DEPT.OF AGR

---

### ADDRESS FOR COMMUNICATION:

Mr. Barun kumar yadav  
Coordinatot  
DEPT.OF AGR

**Kakinada Institute of Technology and Science**  
**Divili, East Godacari, A.P.**



**Kakinada Institute Of Technology And Science**  
*(Approved by AICTE, Affiliated to JNTU Kakinada,  
Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433*

**A Two Weeks**  
**Certificate Program**  
on

**"CLIMATE SMART  
PRECISION FARMING"**

**Dates:**

**06.06.2017 to 19.06.2017**

**Organized by:**

**Department of AGR**

**Venue:**

**Seminar Hall-1**

**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M. Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

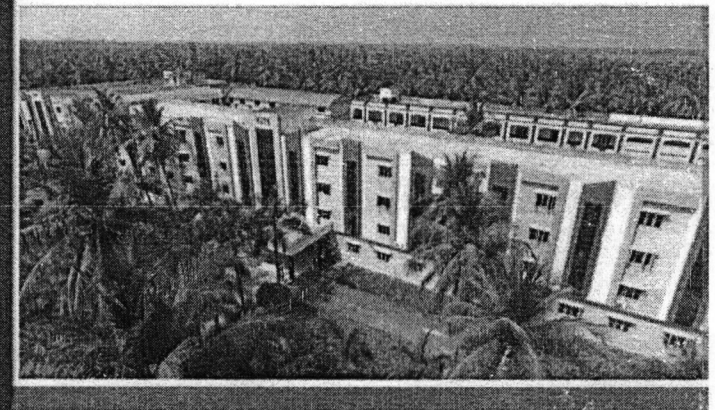
The Department of Agriculture Engineering was established in 2013 and is offering B.TECH course in Agriculture Engineering. The department has qualified and experienced staff and well-equipped laboratories with the state-of-the-art facilities. The UG B. TECH Programme of the department got accredited for three years in 2012, 2016, and in 2019, 2022. The department was recognized as Research Centre by JNTUK, Kakinada. Students of the department have added value to the department by getting placed in reputed core and Agriculture companies and by excelling in competitive examinations.

### Organising Secretary:

**Mr. Barun kumar yadav**  
DEPT OF AGR

## Topics covered

- To learn about Climate-Smart Precision Agriculture
- To gain knowledge on how agriculture, food security, and food systems are affected by climate change
- To gain knowledge about the idea of coping with and mitigating climate change, as well as the relevant tactics that could be used in agriculture







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(Accredited by NAAC with B+ grade)

Date: 22.06.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Climate Smart Precision Farming”

**Date / Duration** : 06.06.2017 to 19.06.2017 (72 Hours)

**Resource Person** : Mr. Barun kumar yadav, AGR Department, KITS, Divili

**Name of Coordinator:** Ms. J. Sai Sudha, Assistant professor, ISTS Womens college,  
Rajanagaram

**Number of Participants:** 120

**Program Objectives** : The objectives of this program are

- To learn about Climate-Smart Precision Agriculture
- To gain knowledge on how agriculture, food security, and food systems are affected by climate change
- To gain knowledge about the idea of coping with and mitigating climate change, as well as the relevant tactics that could be used in agriculture

**Topics Covered** : The following topics were discussed in this certificate program

- Climate change and global warming
- Impacts of climate change on agriculture
- food security
- Basics of climate change adaptation
- Mitigation in the agricultural sectors
- Climate-smart agriculture

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on climatic changes, coping, mitigation of climatic changes. This program will help the students to into the Modern Technologies.

*J. Sai Sudha*  
Coordinator

*P. Prabhakar*  
HoD / Date



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
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Kakinada)  
(Accredited by NAAC with B+ grade)

NAME OF THE PROGRAMME: "Climate Smart Precision Farming"

A.Y-2017-18

DATE :06/06/2017

| S.No | ROLL NO    | NAME OF THE CANDIDATE             | SIGNATURE          |
|------|------------|-----------------------------------|--------------------|
| 1    | 15JQ1A3501 | ALISYAM VENKATA KRISHNA REDDY     | Krishna Reddy      |
| 2    | 15JQ1A3502 | AMPASALA DANIEL                   | A. Daniel          |
| 3    | 15JQ1A3504 | BACHINA MAHESH BABU               | B. Mahesh Babu     |
| 4    | 15JQ1A3506 | BANDI KOTAIAH                     | B. Kotaiah         |
| 5    | 15JQ1A3507 | BEERA KALPANA                     | B. Kalpana         |
| 6    | 15JQ1A3508 | BEJAWADA YAHOVA                   | B. Yehava          |
| 7    | 15JQ1A3509 | BEJAWADA YESUBABU                 | B. yesubabu        |
| 8    | 15JQ1A3511 | BETHAPUDI MOUNIKA                 | B. mounika         |
| 9    | 15JQ1A3512 | BOLLA LAKSHMI NARAYANA            | B. L. Narayana     |
| 10   | 15JQ1A3513 | CHENNUPATI RAJA SEKHAR            | C. Raja Sekhar     |
| 11   | 15JQ1A3514 | DERANGULA RAMESH                  | D. Ramesh          |
| 12   | 15JQ1A3515 | DIGUMARTHI SATYANARAYANA          | D. Satyanarayana   |
| 13   | 15JQ1A3516 | ELIPE SUDHAKAR                    | E. Sudhakar        |
| 14   | 15JQ1A3518 | EPPILI TARUN                      | E. Tarun           |
| 15   | 15JQ1A3519 | EPURI MANI RATHNAM                | E. Mani Rathnam    |
| 16   | 15JQ1A3521 | GANJI DIVYA                       | G. Divya           |
| 17   | 15JQ1A3522 | GORLI SWATHI                      | G. Swathi          |
| 18   | 15JQ1A3523 | GOTTAPU SOWJANYA                  | G. Sowjanya        |
| 19   | 15JQ1A3524 | GUMMA CHANDRA SEKHAR              | G. Chandrasekar    |
| 20   | 15JQ1A3527 | IMMADI HARI CHANDANA              | I. Hari Chandana   |
| 21   | 15JQ1A3528 | JIDUGU JYOTHI                     | J. Jyothi          |
| 22   | 15JQ1A3529 | KAIPI THIRUPATHI REDDY            | K. Thirupati Reddy |
| 23   | 15JQ1A3530 | KAITEPALLI KALYAN                 | K. Kalyan          |
| 24   | 15JQ1A3531 | KAMANCHI KALYANI                  | K. Kalyani         |
| 25   | 15JQ1A3532 | KAMANCHI NAGA JYOTHI              | K. N. Jyothi       |
| 26   | 15JQ1A3533 | KANDELLI MURALI                   | k. murali          |
| 27   | 15JQ1A3534 | KANDIPALLI NAGA LAKSHMI           | K. Naga Lakshmi    |
| 28   | 15JQ1A3535 | KANKANALA CHINATALLI DEVI LALITHA | K. C. D. Lalitha   |

|    |            | PRIYANKA                                |                         |
|----|------------|---|-------------------------|
| 29 | 15JQ1A3536 | KARNA KAVYA                             | K. Kavya                |
| 30 | 15JQ1A3537 | KOLLA PAVAN AKHIL                       | K. P. Akhil             |
| 31 | 15JQ1A3538 | KORLANA VASUDEVA RAO                    | K. Vasudera Rao         |
| 32 | 15JQ1A3539 | KORUKONDA ALEKHYA                       | K. Alekhya              |
| 33 | 15JQ1A3541 | KOTHA VIJAY KUMAR                       | K. Vijay Kumar          |
| 34 | 15JQ1A3543 | KUDA UMA                                | K. Uma                  |
| 35 | 15JQ1A3544 | KYPU SRIKANTH REDDY                     | K. S. Reddy             |
| 36 | 15JQ1A3545 | MADDI PREMCHAND                         | M. Premchand            |
| 37 | 15JQ1A3546 | MANCHALA GOPI RAJU                      | M. Gopi Raju            |
| 38 | 15JQ1A3547 | MANNEM ISSAK                            | M. Issak                |
| 39 | 15JQ1A3548 | MARAM SRINIVASAREDDY                    | M. V. R. Reddy          |
| 40 | 15JQ1A3549 | MARAM VENKATA RAMESH REDDY              | M. V. R. Reddy          |
| 41 | 15JQ1A3550 | MURUDODDI RAJESWARI                     | M. Rajeswari            |
| 42 | 15JQ1A3551 | NADIKUDI NAGARAJU                       | N. Nagaraju             |
| 43 | 15JQ1A3552 | NAGEPOGU SURESH                         | N. Suresh               |
| 44 | 15JQ1A3553 | NAKKA BASAVA LINGAIAH                   | N. B. Lingaiah          |
| 45 | 15JQ1A3554 | NALLA AYYAPPA                           | N. Ayyappa              |
| 46 | 15JQ1A3555 | PAKANATI VENKATA RAMANJI REDDY          | P. Venkata Ramaji Reddy |
| 47 | 15JQ1A3556 | PANDIRI HEMANTH KUMAR                   | P. H. Kumar             |
| 48 | 15JQ1A3557 | PASUMARTHI VENKATA VARA PRASAD PRUDHVI  | P. V. V. P. Prudhvi     |
| 49 | 15JQ1A3558 | PATCHALA RAVICHANDRA                    | P. Ravichandra          |
| 50 | 15JQ1A3559 | PINDI VENKATA ANIL                      | P. Venkata Anil         |
| 51 | 15JQ1A3560 | POPURI ASHOK                            | P. Ashok                |
| 52 | 15JQ1A3561 | PYLA UDAY SAGAR                         | P. Uday Sagar           |
| 53 | 15JQ1A3562 | RAYALLA GURU PRASAD                     | R. G. Prasad            |
| 54 | 15JQ1A3563 | RAYIDI KEERTHANA                        | R. Keerthana            |
| 55 | 15JQ1A3564 | REDDY LAKSHMIPATHI GARI SRINIVASA REDDY | R. L. G. S. Reddy       |
| 56 | 15JQ1A3565 | SAHITA K PATNAIK                        | S. K. Patnaik           |
| 57 | 15JQ1A3566 | SAJJA SATYA VENI                        | S. Satya Veni           |
| 58 | 15JQ1A3567 | SAMPANGI LAKSHMANA RAO                  | S. L. Rao               |
| 59 | 15JQ1A3568 | SHAIK MOHIDDIN SHAZID                   | S. Mohiddin Shazid      |
| 60 | 15JQ1A3569 | SHAIK NAGURVALI                         | S. Nagurnali            |
| 61 | 15JQ1A3570 | SHAIK PAKEERAI AH                       | S. Pakeeraiah           |
| 62 | 15JQ1A3571 | SIMHADRI SANTOSHKUMAR                   | S. Santosh Kumar        |
| 63 | 15JQ1A3572 | SOMA NAGA VENKATA SUNANDINI             | S. V. Sunandini         |
| 64 | 15JQ1A3573 | TADAVARTHI MOHAN NAVEEN SAI             | T. M. Naveen Sai        |
| 65 | 15JQ1A3574 | TALLAPANENI VIJAY CHOWDARY              | T. V. Chowdary          |
| 66 | 15JQ1A3575 | UTA NOOKARAJU                           | U. Nookaraju            |
| 67 | 15JQ1A3576 | VARAGANI SIVA NAGARAJU                  | V. S. Nagaraju          |
| 68 | 15JQ1A3577 | VEERAMALLU SIVARAMAKRISHNA              | V. S. R. Krishna        |
| 69 | 15JQ1A3578 | VELPURI KESAVI SIREESHA                 | V. K. Sireesha          |

|     |            |                                  |                       |
|-----|------------|----------------------------------|-----------------------|
| 70  | 15JQ1A3579 | YANDRAPU SOWJANYA                | Y. Sowjanya           |
| 71  | 15JQ1A3580 | YELIKE HEMANTH                   | Y. Hemanth            |
| 72  | 15JQ1A3581 | BYPUREDDY RAJA                   | B. Raja               |
| 73  | 15JQ1A3582 | CHUKKA LIKHITHA                  | C. Likhitha           |
| 74  | 15JQ1A3583 | DAGGUIA GOPALAKRISHNA REDDY      | D. G. K. Reddy        |
| 75  | 15JQ1A3584 | GANGANA BOINA NARASIMHA RAO      | G. Narasimha Rao      |
| 76  | 15JQ1A3586 | KALLAMKUNTA JASWANTH REDDY       | K. J. Reddy           |
| 77  | 15JQ1A3588 | KURLA. VIJAYA KUMAR REDDY        | K. V. K. Reddy        |
| 78  | 15JQ1A3589 | M.V.V.SIVA NAGA BABU             | M. V. V. S. Nagababu  |
| 79  | 15JQ1A3590 | NEERUKATTU NAGA SANDEEP          | N. Naga Sandeep       |
| 80  | 15JQ1A3591 | PENTAKOTA KUMAR BHAVANI SHANKAR  | P. K. B. Shankar      |
| 81  | 15JQ1A3592 | P.SAIKIRAN                       | P. Saikiran           |
| 82  | 15JQ1A3594 | REVURI VENKATA SUDHAKAR          | R. V. Sudhakar        |
| 83  | 15JQ1A3595 | R. RIFCA                         | R. Rifca              |
| 84  | 15JQ1A3596 | S S GOPI GANGADHARA REDDY DIDLA  | S S G. G. Reddy Didla |
| 85  | 15JQ1A3597 | SK.SAIDA BHANU                   | SK. Saida bhanu       |
| 86  | 15JQ1A3598 | TALLURI SAIKUMAR                 | T. Saikumar           |
| 87  | 15JQ1A35A1 | P.NAGENDRA SWAMYNAIDU            | P. N. Swamyaidu       |
| 88  | 16JQ5A3501 | BATCHALI SAICHARAN               | B. Saicharan          |
| 89  | 16JQ5A3502 | GOSALA VIDYA SAGAR               | G. Vidya Sagar        |
| 90  | 16JQ5A3503 | NANDAM DIVYA                     | N. Divya              |
| 91  | 16JQ5A3504 | MACHARLA SWATHI                  | M. Swathi             |
| 92  | 16JQ1A3501 | AKKINAPALLI VENKATA SAI KUMAR    | A. V. S. Kumar        |
| 93  | 16JQ1A3502 | ANAPALA UMA VENKATA SHASIDHAR    | A. U. V. Shashidhar   |
| 94  | 16JQ1A3503 | BALLA SATYAKIRAN                 | B. Satyakiran         |
| 95  | 16JQ1A3504 | DADINABOINA NIRANJAN             | D. Niranjana          |
| 96  | 16JQ1A3506 | BOMMIDI NAGA VENKATA RAMA SATISH | B. M. V. P. Satish    |
| 97  | 16JQ1A3507 | CHADALAVADA SUDHA                | C. Sudha              |
| 98  | 16JQ1A3508 | CHANDOLU SEKHAR BABU             | C. Sekhar babu        |
| 99  | 16JQ1A3509 | DASARI DURGAPRASAD               | D. Durga prasad.      |
| 100 | 16JQ1A3510 | DEVARAPALLI VIJAYA LAKSHMI       | D. Vijaya Lakshmi     |
| 101 | 16JQ1A3511 | EDE GAYATHRI DEVI                | E. Gayathri devi      |
| 102 | 16JQ1A3512 | ESRAJULA GANESH                  | F. Ganesh             |
| 103 | 16JQ1A3513 | GADDA ANIL KUMAR                 | G. Anil Kumar         |
| 104 | 16JQ1A3514 | GAJJALA THIRUPATHI REDDY         | G. Thirupathi reddy   |
| 105 | 16JQ1A3515 | GALI NAVEEN                      | G. Naveen             |
| 106 | 16JQ1A3556 | VADLAMUDI ANKITHA                | V. Ankitha            |
| 107 | 16JQ1A3557 | VALLAMREDDY RESHMA               | V. Reshma             |
| 108 | 16JQ1A3558 | VARA KIRAN KUMAR                 | V. Kiran Kumar        |
| 109 | 16JQ1A3559 | VEMURI NARENDRA                  | V. Narendra           |
| 110 | 16JQ1A3560 | VIPPARLA VEERA VENKATESWARLU     | V. V. Venkateswarlu   |
| 111 | 16JQ1A3561 | YADALA RAJESH                    | Y. Rajesh             |

|     |            |                               |                  |
|-----|------------|-------------------------------|------------------|
| 112 | 16JQ1A3562 | YAKKANTI UMA MAHESWARA REDDY  | Y. Uma. M. Reddy |
| 113 | 16JQ1A3563 | YEDDU SHAKEENA                | Y. SHAKEENA      |
| 114 | 16JQ1A3564 | YEDLURI AMALA                 | Y. Amala         |
| 115 | 16JQ1A3566 | CHANDRAGIRI SRINIVASULA REDDY | C. Srinivasulu   |
| 116 | 17JQ5A3501 | BHUVANAGIRI SRIKANTH          | B. Srikanth      |
| 117 | 17JQ5A3502 | ALIGE SAINATH                 | A. Sainath       |
| 118 | 17JQ5A3503 | CHIKKALA HARI BABU            | C. Hari Babu     |
| 119 | 17JQ5A3504 | DOLA RAKESH                   | D. Rakesh.       |
| 120 | 17JQ5A3501 | BHUVANAGIRI SRIKANTH          | B. Srikanth.     |




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 30.10.2017


**CIRCULAR**

All III/IV and IV/IV ECE Students are here by informed that Department of Electronics and Communications Engineering is conducting a Two Weeks Certificate Program on “**Electronic Circuit Simulation and PCB Printing**” Mr. J. Kiran Chandra shekar RIET college of engineering, Rajahmundry, is the Resource person. The program will be held from 02.11.2017 to 06.11.2017. All the interested students are instructed to register their names in the Department office on or before 31.11.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Seminar Hall-2, 3<sup>rd</sup> floor

  
PRINCIPAL  
Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (VI),  
E.G. Dist, -533433.

**Circulated to:** All HoD's

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(Accredited by NAAC with B+ grade)

Date: 31.10.2017

Week/Day-Wise Schedule

Name of the Program: "Electronic Circuit Simulation and PCB Printing"

| S.NO | DAY       | DATE       | TOPICS COVERED   |
|------|-----------|------------|--|
| 1    | Thursday  | 02.11.2017 | <ul style="list-style-type: none"><li>• Introduction to PCB</li><li>• Background and History of PCB</li></ul>                  |
| 2    | Friday    | 03.11.2017 | <ul style="list-style-type: none"><li>• Types of PCB</li></ul>   |
| 3    | Saturday  | 04.11.2017 | <ul style="list-style-type: none"><li>• Terminology in PCB Design</li></ul>  |
| 4    | Monday    | 06.11.2017 | <ul style="list-style-type: none"><li>• PCB Design Flow with hands-on</li></ul>  |
| 5    | Tuesday   | 07.11.2017 | <ul style="list-style-type: none"><li>• Steps involved in layout design</li></ul>  |
| 6    | Wednesday | 08.11.2017 | <ul style="list-style-type: none"><li>• General design factor for digital and analog circuits</li></ul>                        |
| 7    | Thursday  | 09.11.2017 | <ul style="list-style-type: none"><li>• Layout and Artwork making for Single-side, double-side and Multilayer Boards</li></ul> |
| 8    | Friday    | 10.11.2017 | <ul style="list-style-type: none"><li>• Steps involved in fabrication of PCB.</li></ul>  |
| 9    | Monday    | 13.11.2017 | <ul style="list-style-type: none"><li>• PCB Fabrication techniques-single, double sided and multilayer</li></ul>               |
| 10   | Tuesday   | 14.11.2017 | <b>Etching:</b> <ul style="list-style-type: none"><li>• chemical principles and mechanisms</li></ul>                           |
| 11   | Wednesday | 15.11.2017 | <ul style="list-style-type: none"><li>• Post operations- stripping</li></ul>   |
| 12   | Thursday  | 16.11.2017 | <ul style="list-style-type: none"><li>• black oxide coating and solder masking</li><li>• Hands-on exercise</li></ul>           |

*J. K. Chandrashekar*

(Mr. J. Kiran Chandra shekar )  
Resource Person

*M. Satti Babu*

(Mr. M. Satti Babu)  
HoD

## Objective of the Programme:-

- To comprehend the necessity of PCB design
- To use Electronic Design Automation (EDA) Tools, become familiar with the Schematic and Layout Design Flow

### Resource Person:

**Mr. J. Kiran Chandra shekar**

RIET college of engineering, Rajahmundry

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

email:

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Mr. K Kalyan**  
DEPT.OF ECE

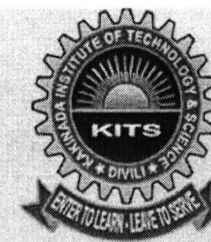
**COORDINATOR**  
**Mr. K Kalyan**  
DEPT.OF ECE

---

### ADDRESS FOR COMMUNICATION:

**Mr. K Kalyan**  
**Coordinatot**  
DEPT.OF ECE

**Kakinada Institute of Technology and Science**  
**Divili, East Godacari, A.P.**



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Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

**A Two Weeks**  
**Certificate Program**

on

**"ELECTRONIC CIRCUIT SIMULATION  
AND PCB PRINTING"**

---

**Dates:**

**02.11.2017 to 16.11.2017**

**Organized by:**

**Department of ECE**

**Venue:**

**Seminar Hall-1**

**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433

**INDIA**



## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M. Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department Electronics and communications engineering deals with the transmission of information across a medium such as a co-axial cable, an optical fiber or free space. Transmissions across free space require information to be encoded in a carrier wave in order to be transmitted, this is known as modulation. Popular analog modulation techniques include amplitude modulation and frequency modulation.

Once the transmission characteristics of a system are determined, telecommunication engineers design the transmitters and receivers needed for such systems. These two are sometimes combined to form a two-way communication device known as a transceiver. A key consideration in the design of transmitters is their power consumption as this is closely related to their signal strength. If the signal strength of a transmitter is insufficient the signal's information will be corrupted by noise.

### Organising Secretary:

**Mr. K Kalyan**  
DEPT OF ECE

## Topics covered

- Introduction to PCB
- Types of PCB
- PCB Design Flow
- General design factor for digital and analog circuits
- Steps involved in fabrication of PCB
- chemical principles and mechanisms
- Post operations- stripping, black oxide coating and solder masking





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
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(Accredited by NAAC with B+ grade)

Date: 20.11.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Electronic Circuit Simulation and PCB Printing”

**Date / Duration** : 02.11.2017 to 16.11.2017 (72 Hours)

**Resource Person** : Mr. J. Kiran Chandra shekar, RIET college of engineering, Rajahmundry

**Name of Coordinator**: Mr. K Kalyan, ECE Department, KITS, Divili

**Number of Participants**: 123

**Program Objectives** : The objectives of this program are

- To comprehend the necessity of PCB design
- To use Electronic Design Automation (EDA) Tools, become familiar with the Schematic and Layout Design Flow

**Topics Covered** : The following topics were discussed in this certificate program

- Introduction to PCB
- Types of PCB
- PCB Design Flow
- General design factor for digital and analog circuits
- Steps involved in fabrication of PCB
- chemical principles and mechanisms
- Post operations- stripping, black oxide coating and solder masking

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on relevant tutorial and hands-on practice concurrently on PCB Designing. This program will help the students to enter into the Modern Technologies.

*K. Kalyan*  
Coordinator

*M. Sashikiran*  
HoD / Date



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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Kakinada)  
(Accredited by NAAC with B+ grade)

NAME OF THE PROGRAMME: "Electronic Circuit Simulation and PCB Printing"

A.Y-2017-18

DATE:02/11/2017

| S.No | ROLL NO    | NAME OF THE CANDIDATE         | SIGNATURE             |
|------|------------|-------------------------------|-----------------------|
| 1    | 15JQ1A0403 | ANUKULA DEVI                  | A. Devi               |
| 2    | 15JQ1A0404 | BANTUPALLI KANCHANA KUMARI    | B. Kanchanakumari     |
| 3    | 15JQ1A0405 | BODOJU BALARAJU               | B. Bala Raju          |
| 4    | 15JQ1A0406 | BODOJU SRIRAMAKRISHNA         | B. Sriramakrishna     |
| 5    | 15JQ1A0407 | BOYIDI VENU                   | B. Venu               |
| 6    | 15JQ1A0408 | GADIKOYILA CHAYA              | G. Chaya              |
| 7    | 15JQ1A0409 | MUTHU SRILEKHA                | M. Srilekha           |
| 8    | 15JQ1A0410 | PADMAVATHI SETTI              | P. Setti              |
| 9    | 15JQ1A0411 | PULAVARTHY PHANINDRA KUMAR    | P. P. Kumar           |
| 10   | 15JQ1A0412 | VANDANI VAMSI KRISHNA RAYAPPA | V. V. Krishna Rayappa |
| 11   | 15JQ1A0413 | GOMPA JAGADEESH               | G. Jagadeesh          |
| 12   | 15JQ1A0414 | JALLURI SURESH                | J. Suresh             |
| 13   | 15JQ1A0415 | M BHANUKUMAR                  | M. Bhanukumar         |
| 14   | 15JQ1A0416 | P ADITYA RAMA LAXMAN          | P. Aditya Rama Laxman |
| 15   | 15JQ1A0417 | D SITA RAMA DORA              | D. Sita Rama Dora     |
| 16   | 16JQ5A0401 | BANDARU BALA BALAJI           | B. B. Balaji          |
| 17   | 16JQ5A0402 | BEERAKA SRAVAN KUMAR          | B. Sravan Kumar       |
| 18   | 16JQ5A0403 | BOJJA SWAMY                   | B. Swamy              |
| 19   | 16JQ5A0404 | CHALAMSETTI DURGAPRASAD       | Ch. Durga Prasad      |
| 20   | 16JQ5A0405 | DASARI SAGAR KUMAR            | D. Sagar Kumar        |
| 21   | 16JQ5A0406 | LOKAREDDY SEKHAR              | L. Sekhar             |
| 22   | 16JQ5A0407 | MANNEM DEEPIKA                | M. Deepika            |
| 23   | 16JQ5A0408 | MIRTHIPATI DHANARAJU          | M. Dhanaraju          |
| 24   | 16JQ5A0409 | PENDYALA DEVI SRAVANTHI       | P. Devi Sravanthi     |
| 25   | 16JQ5A0410 | PENKE DURGA SRINIVAS          | S. Sonia              |
| 26   | 16JQ5A0411 | SUVVADA SONIA                 | S. Sonia              |
| 27   | 16JQ5A0412 | SWAMIREDDY SUBBARAO           | S. Subbarao           |
| 28   | 16JQ5A0413 | UMMIDI MASENU                 | U. Masenu             |

|    |            |   |                            |
|----|------------|---|----------------------------|
| 29 | 16JQ5A0414 | YADLA VENKATESH                                 | D. Venkatesh               |
| 30 | 16JQ1A0401 | ADDANKI SYAM PRASAD                             | A. Syamprasad              |
| 31 | 16JQ1A0402 | ADI DURGA DEVI                                  | A. Durga Devi              |
| 32 | 16JQ1A0403 | CHIDIPI CHANDANA                                | A. D. Devi                 |
| 33 | 16JQ1A0404 | CHIYIKELA RAMESH                                | Ch. Ramesh                 |
| 34 | 16JQ1A0405 | DEVADI HYMAVATHI                                | D. Hymavathi               |
| 35 | 16JQ1A0406 | ESARAPU RAJUBABU                                | E. Rajubabu                |
| 36 | 16JQ1A0407 | GADDEM MAMATHA                                  | G. Mamatha                 |
| 37 | 16JQ1A0408 | GADDEM VINITHA                                  | G. Vinitha                 |
| 38 | 16JQ1A0409 | GUVVADA SESHAGIRI                               | G. Seshagiri               |
| 39 | 16JQ1A0410 | KARANAM UMAMAHESWARI                            | K. Umamaheswari            |
| 40 | 16JQ1A0411 | KARRI VEERABABU                                 | K. Veerababu               |
| 41 | 16JQ1A0413 | MADADA VIJAYA                                   | M. Vijaya                  |
| 42 | 16JQ1A0414 | MADIKI NAGA SATHISH                             | M. Naga Sathish            |
| 43 | 16JQ1A0416 | POTHIREDDY CHAKRAVARTHI                         | P. Chakravarthi            |
| 44 | 16JQ1A0417 | RAPETI VENKATESH                                | R. Venkatesh               |
| 45 | 16JQ1A0418 | SADA MANIKANTA                                  | S. Manikanta               |
| 46 | 16JQ1A0419 | SRIMANTHULA S S R VENDRA<br>NAGAGANESH          | S. S. S. R. V. Naga Ganesh |
| 47 | 16JQ1A0420 | SUNKARA RAJKUMAR                                | S. Rajkumar                |
| 48 | 16JQ1A0422 | YALLA SATYAVENI                                 | Y. Satyaveni               |
| 49 | 16JQ1A0424 | AKULA CHAKRA PHANIDHAR                          | A. C. Phanihar             |
| 50 | 16JQ1A0425 | BATHULA MOHITHA MANI                            | B. M. Mohitha              |
| 51 | 16JQ1A0427 | BEHARA MEENA KUMARI                             | B. Meena Kumari            |
| 52 | 16JQ1A0428 | KAMANA SIVA MANIKANTA                           | K. S. Manikanta            |
| 53 | 16JQ1A0429 | VUNDAVALLI SATYA                                | V. Satya                   |
| 54 | 16JQ1A0430 | MAROTHU ATCHYUTTA RAMA KRISHNA                  | M. A. Rama Krishna         |
| 55 | 17JQ5A0401 | BATCHALA PRIYANKA                               | B. Priyanka                |
| 56 | 17JQ5A0402 | GEDDAM KASI VISWANADH                           | G. K. Viswanadh            |
| 57 | 17JQ5A0403 | KALTURI MALATHI VEERA VENKATA<br>LAKSHMI MANASA | K. V. V. Lakshmi Manasa    |
| 58 | 17JQ5A0404 | KOLA SATYA SAI                                  | K. Satya Sai               |
| 59 | 17JQ5A0405 | RAJALA NIREEKSHAN                               | R. eliveekshan             |
| 60 | 17JQ5A0406 | SIRUSAPALLI DURGA PRASAD                        | S. D. Prasad               |
| 61 | 17JQ5A0407 | VAKAPALLI SYAM AJAY                             | V. Syam Ajay               |
| 62 | 14JQ1A0402 | CHILAKALAPALLI RASI                             | Ch. Rasi                   |
| 63 | 14JQ1A0403 | CHINTALA JYOTHI                                 | Ch. Jyothi                 |
| 64 | 14JQ1A0404 | GOWROJU MANIKANTESWARI                          | G. Manikanteswari          |
| 65 | 14JQ1A0405 | KAKARA SUPRIYA                                  | K. Supriya                 |
| 66 | 14JQ1A0406 | KOPPAKA KAVYA                                   | K. Kavya                   |
| 67 | 14JQ1A0407 | MAMIDALA SRAVANI                                | M. Sravani                 |
| 68 | 14JQ1A0408 | MOHAMMAD IBRAHIM                                | M. Ibrahim                 |
| 69 | 14JQ1A0409 | PAMPANA KALYANI                                 | P. Kalyani                 |

|     |            |                          |                      |
|-----|------------|--------------------------|----------------------|
| 70  | 14JQ1A0411 | PENKE DURGAPRASAD        | P. Durgaprasad       |
| 71  | 14JQ1A0412 | POKALA SRILAKSHMI        | P. Srilakshmi        |
| 72  | 14JQ1A0413 | SRIMANTULA NAGASANTHOSHI | S. Naga Santhoshi    |
| 73  | 14JQ1A0414 | TATAPUDI DURGAMAHESWARI  | T.D. Maheswari       |
| 74  | 14JQ1A0415 | TILLAPUDI SWATHI         | T. Swathi            |
| 75  | 14JQ1A0416 | ARIKI KRISHNA            | A. Krishna           |
| 76  | 14JQ1A0417 | MALAGALA GEETANJALI      | M. Geetanjali        |
| 77  | 14JQ1A0419 | THOTE JOSEPHSUNNY        | T. Josephsunny       |
| 78  | 15JQ5A0401 | ADIRIPAKA SIVA           | A. Siva              |
| 79  | 15JQ5A0402 | ALLAM SIVASHANKAR        | A. Sivashankar       |
| 80  | 15JQ5A0403 | ANANTHAPALLI SANDEEP     | A. Sandeep           |
| 81  | 15JQ5A0404 | ATTILI VASU              | A. Vasu              |
| 82  | 15JQ5A0405 | AVASARALA SAIKRISHNA     | A. Saikrishna        |
| 83  | 15JQ5A0406 | BHEESETTI VEERABABU      | B. Veerababu         |
| 84  | 15JQ5A0407 | BIKKINA VEERALAKSHMI     | B. Veeralakshmi      |
| 85  | 15JQ5A0408 | BONDA MANIBABU           | B. Manibabu          |
| 86  | 15JQ5A0409 | CHEEKATLA PURNANAND      | CH. Purnanand        |
| 87  | 15JQ5A0410 | CHEEKATLA SAIMANIKANTA   | CH. Saimanikanta     |
| 88  | 15JQ5A0411 | CHINTALAPUDI SRIHARI     | CH. Srihari          |
| 89  | 15JQ5A0412 | DASARI SATHIBABU         | D. Sathibabu         |
| 90  | 15JQ5A0413 | GADI RAJESHKUMAR         | G. Rajeshkumar       |
| 91  | 15JQ5A0414 | GAJULA SWATHI            | G. Swathi            |
| 92  | 15JQ5A0415 | GANDI GOWTHAMSURYA       | G. Gowthamsurya      |
| 93  | 15JQ5A0416 | GOPI SOWJANYA            | G. Sowjanya          |
| 94  | 15JQ5A0417 | GULLA HARITEJA           | G. Hariteja          |
| 95  | 15JQ5A0418 | GUNUPATI DEVANANDSWAROOP | G. Devanandswaroop   |
| 96  | 15JQ5A0419 | HANUMANTHULA VINAYCHANDU | H. Vinaychander      |
| 97  | 15JQ5A0420 | JAJULA SIVASAIJAYPRATAP  | J.S. Jayaprathap     |
| 98  | 15JQ5A0421 | JANGA MADHUSUDHANARAO    | J. Madhusudhanarao   |
| 99  | 15JQ5A0422 | K DURGAVEERAMANIKANTHA   | K. D. Veeramanikanta |
| 100 | 15JQ5A0423 | KANOORI DURGAPRASADARAO  | K. Durga prasad rao. |
| 101 | 15JQ5A0424 | KAREDLA VENKATESH        | K. Venkatesh         |
| 102 | 15JQ5A0425 | KASIREDDY MANISHANKAR    | K. Manishankar       |
| 103 | 15JQ5A0426 | KOPPISETTI MADHUBABU     | K. Madhubabu         |
| 104 | 15JQ5A0427 | KORAPU BRAHMATEJA        | K. Brahmateja        |
| 105 | 15JQ5A0428 | KOYYANI SAIKRISHNA       | K. Saikrishna        |
| 106 | 15JQ5A0429 | KUNCHE NARENDRAKUMAR     | K. Narendrakumar     |
| 107 | 15JQ5A0430 | LAKKOJUSNP RAJA          | L. Raju              |
| 108 | 15JQ5A0431 | LAKKOJU SIVAKUMAR        | L. Sivakumar         |
| 109 | 15JQ5A0432 | LOKAVARAPU RAMANA        | L. Ramana            |
| 110 | 15JQ5A0433 | MADIRI SANDEEPKUMAR      | M. Sandeepkumar      |
| 111 | 15JQ5A0434 | MALISSETTI KAMESWARARAO  | M. Kameswararao      |

|     |            |                           |                  |
|-----|------------|---------------------------|------------------|
| 112 | 15JQ5A0438 | MORTHA SOMARAJU           | M. Somaraju      |
| 113 | 15JQ5A0439 | NAKKA SURIBABU            | N. Suribabu      |
| 114 | 15JQ5A0440 | NEELI SUBRAHMANYAM        | N. Subrahmanyam  |
| 115 | 15JQ5A0441 | NIMMAKAYALA SURYAPRAKASH  | N. Suryaprakash  |
| 116 | 15JQ5A0442 | PALLETI VARAPRASADU       | P. Varaprasadu   |
| 117 | 15JQ5A0443 | PAPPALA SIVAAPPARAO       | P. Sivaapparao   |
| 118 | 15JQ5A0444 | PATNALA VENKATESWARLU     | P. Venkateswarlu |
| 119 | 15JQ5A0445 | PENTAPALLI SUKANYALAKSHMI | P.S. Lakshmi     |
| 120 | 15JQ5A0446 | RUNKU VENKATARAO          | R. Venkatarao    |
| 121 | 15JQ5A0447 | SAKA DORABABU             | S. Dorababu      |
| 122 | 15JQ5A0448 | SESETTI VIJAYAKUMAR       | S. Vijayakumar   |
| 123 | 15JQ5A0458 | VEGI PYDIKONDA            | V. Pydikonda     |

M. Sathya Raj

HOD




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 22.06.2017

**CIRCULAR**

All IV/IV ECE Students are here by informed that Department of Electronics and Communications Engineering is conducting a Two Weeks Certificate Program on “**Embedded Systems Design With C**” Mr. A. Srinu Babu, Asst. Professor, ECE Department, KITS, Divili, is the Resource person. The program will be held from 03.07.2017 to 15.07.2017. All the interested students are instructed to register their names in the Department office on or before 30.06.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Room No.102

  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (M),  
E.G.Dist.-533433.

**Circulated to:** All HoD's

ECE: M. Sathish Babu

CE: R. R. R. R.

ME: J. K. K.

EE: R. R. R.

CSE: J. K. K.

**Copy to:** Notice board



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
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(Accredited by NAAC with B+ grade)

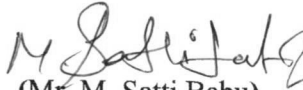
Date: 30.07.2017

**Week/Day-Wise Schedule**

Name of Program: **A Two Week Certificate Program on Embedded Systems Design With C**

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Monday    | 03.07.2017 | <ul style="list-style-type: none"><li>• Introduction to Embedded System Design</li><li>• Introduction to C Language</li></ul>   |
| 2    | Tuesday   | 04.07.2017 | <ul style="list-style-type: none"><li>• C Programming for Embedded Systems</li></ul>  |
| 3    | Wednesday | 05.07.2017 | <ul style="list-style-type: none"><li>• Software design concepts</li></ul>  |
| 4    | Thursday  | 06.07.2017 | <ul style="list-style-type: none"><li>• Hardware system peripherals</li></ul>   |
| 5    | Friday    | 07.07.2017 | <ul style="list-style-type: none"><li>• Performance analysis of an embedded system design</li></ul>   |
| 6    | Saturday  | 08.07.2017 | <ul style="list-style-type: none"><li>• Hardware design concepts</li></ul>  |
| 7    | Monday    | 10.07.2017 | <ul style="list-style-type: none"><li>• Embedded Systems Development Tools</li></ul>  |
| 8    | Tuesday   | 11.07.2017 | <ul style="list-style-type: none"><li>• Embedded Systems Interfacing</li></ul>  |
| 9    | Wednesday | 12.07.2017 | <ul style="list-style-type: none"><li>• Embedded Systems Networking</li></ul>   |
| 10   | Thursday  | 13.07.2017 | <ul style="list-style-type: none"><li>• Embedded Systems Security</li></ul>   |
| 11   | Friday    | 14.07.2017 | <ul style="list-style-type: none"><li>• Real-Time Operating Systems (RTOS)</li></ul>  |
| 12   | Saturday  | 15.07.2017 | <ul style="list-style-type: none"><li>• Embedded Systems Testing and Debugging</li><li>Hands-on integrating software and hardware components for embedded system design</li></ul> |

A. Sornubabu.  
Resource person :-

  
(Mr. M. Satti Babu)  
HoD



## Objective of the Programme:-

To introduce the Embedded System Building blocks

To instruct in different embedded development techniques

To introduce input/output interfacing and bus communication in processors.

To introduce Real Time Operating System fundamentals and provide examples of tutorials for one Real Time Operating System tool

### Resource Person:

**Mr. A. Srinu Babu**

Asst. Professor,  
ECE Department, KITS, Divili,  
Ph No: 9010696696

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

mail:  
.....

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Mr. K Kalyan**  
DEPT.OF ECE

**COORDINATOR**  
**Mr. A. Venugopal Rao**  
DEPT.OF ECE

### ADDRESS FOR COMMUNICATION:

**Mr. A. Venugopal Rao**  
**Coordinator**  
DEPT.OF ECE

**Kakinada Institute of Technology and Science**  
**Divili, East Godacari, A.P.**



**Kakinada Institute Of Technology And Science**  
(Approved by AICTE, Affiliated to JNTU Kakinada)  
Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

**A Two Weeks**  
**Certificate Program**  
*on*  
**EMBEDDED SYSTEMS**  
**DESIGN WITH C**

**Dates:**

**03.07.2017 to 15.07.2017**

**Organized by:**

**Department of ECE**

**Venue:**

**Seminar Hall-1**  
**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
**INDIA**

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of 'Srinivasa Educational Society' Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which is famous one. K.I.T.S is located at Divili on the Yamalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes (M.Tech Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The Institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department Electronics and communications engineering deals with the transmission of information across a medium such as a co-axial cable, an optical fiber or free space. Transmissions across free space require information to be encoded in a carrier wave in order to be transmitted, this is known as modulation. Popular analog modulation techniques include amplitude modulation and frequency modulation.

Once the transmission characteristics of a system are determined, telecommunication engineers design the transmitters and receivers needed for such systems. These two are sometimes combined to form a two-way communication device known as a transceiver. A key consideration in the design of transmitters is their power consumption as this is closely related to their signal strength. If the signal strength of a transmitter is insufficient the signal's information will be corrupted by noise.

## Organising Secretary:

**Mr. A. Venugopal Rao**  
Asst. Professor,  
DEPT OF ECE  
KITS

## Topics covered

- Introduction to Embedded System Design
- Hardware and Software design concepts
- Hardware system peripherals
- Performance analysis of an embedded system design





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Date: 20.07.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Embedded Systems Design With C”

**Date / Duration** : 03.07.2017 to 15.07.2017 (72 Hours)

**Resource Person** : Mr. A. Srinu Babu, Asst. Professor, ECE Department, KITS, Divili,  
Ph No: 9010696696

**Name of Coordinator** : Mr. A. Venugopal Rao, Asst. Professor, ECE Department, KITS,  
Divili,

**Number of Participants:** 91

**Program Objectives** : The objectives of this program are

- To introduce the Embedded System Building Blocks
- To instruct in different embedded development techniques
- To introduce input/output interfacing and bus communication in processors.
- To introduce Real Time Operating System Fundamentals and provide examples of tutorials for one Real Time Operating System tool

**Topics Covered** : The following topics were discussed in this certificate program

- Introduction to Embedded System Design
- Hardware and Software design concepts
- Hardware system peripherals
- Performance analysis of an embedded system design

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on Embedded System Design and design concepts. This program will help the students to into the Modern Technologies.

**Coordinator**

**HoD / Date**



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**List of Enrolled Students**

Name of the Program: EMBEDDED SYSTEMS DESIGN WITH C A.Y: 2017-18

Date: 03/07/2017

Department: ECE

| S.NO | REGISTRATION NO | STUDENT NAME             | SIGNATURE        |
|------|-----------------|--------------------------|------------------|
| 1    | 14JQ1A0402      | CHILAKALAPALLI RASI      | C. Rasi          |
| 2    | 14JQ1A0403      | CHINTALA JYOTHI          | C. Jyothi        |
| 3    | 14JQ1A0404      | GOWROJU MANIKANTESWARI   | G. Manika        |
| 4    | 14JQ1A0405      | KAKARA SUPRIYA           | K. Subiya        |
| 5    | 14JQ1A0406      | KOPPAKA KAVYA            | K. Kavya         |
| 6    | 14JQ1A0407      | MAMIDALA SRAVANI         | M. Sravani       |
| 7    | 14JQ1A0408      | MOHAMMAD IBRAHIM         | M. Ibrahim       |
| 8    | 14JQ1A0409      | PAMPANA KALYANI          | Kalyani          |
| 9    | 14JQ1A0411      | PENKE DURGAPRASAD        | P. Durgaprasad   |
| 10   | 14JQ1A0412      | POKALA SRILAKSHMI        | P. Lakshmi       |
| 11   | 14JQ1A0413      | SRIMANTULA NAGASANTHOSHI | S. Anthoshi      |
| 12   | 14JQ1A0414      | TATAPUDI DURGAMAHESWARI  | T. Maheswari     |
| 13   | 14JQ1A0415      | TILLAPUDI SWATHI         | T. Swathi        |
| 14   | 14JQ1A0416      | ARIKI KRISHNA            | A. Krishna       |
| 15   | 14JQ1A0417      | MALAGALA GEETANJALI      | M. Geetha        |
| 16   | 14JQ1A0419      | THOTE JOSEPHSUNNY        | T. Sunny         |
| 17   | 15JQ5A0401      | ADIRIPAKA SIVA           | A. Siva          |
| 18   | 15JQ5A0402      | ALLAM SIVASHANKAR        | A. S. Shankar    |
| 19   | 15JQ5A0403      | ANANTHAPALLI SANDEEP     | A. Sandeep       |
| 20   | 15JQ5A0404      | ATILI VASU               | A. Vasu          |
| 21   | 15JQ5A0405      | AVASARALA SAIKRISHNA     | A. S. Krishna    |
| 22   | 15JQ5A0406      | BHESETTI VEERABABU       | B. Veerababu     |
| 23   | 15JQ5A0407      | BIKKINA VEERALAKSHMI     | B. Veeralakshmi  |
| 24   | 15JQ5A0408      | BONDA MANIBABU           | B. Manibabu      |
| 25   | 15JQ5A0409      | CHEEKATLA PURNANAND      | C. Purnanand     |
| 26   | 15JQ5A0410      | CHEEKATLA SAIMANIKANTA   | C. Saimanikanta  |
| 27   | 15JQ5A0411      | CHINTALAPUDI SRIHARI     | C. Srihari       |
| 28   | 15JQ5A0412      | DASARI SATHIBABU         | D. Sathibabu     |
| 29   | 15JQ5A0413      | GADI RAJESHKUMAR         | G. Rajeshkumar   |
| 30   | 15JQ5A0414      | GAJULA SWATHI            | G. Swathi        |
| 31   | 15JQ5A0415      | GANDI GOWTHAMSURYA       | G. Gowthamsurya  |
| 32   | 15JQ5A0416      | GOPI SOWJANYA            | G. Sowjanya      |
| 33   | 15JQ5A0417      | GULLA HARITEJA           | G. Hari Teja     |
| 34   | 15JQ5A0418      | GUNUPATI DEVANANDSWAROOP | G. Devanand      |
| 35   | 15JQ5A0419      | HANUMANTHULA VINAYCHANDU | H. Vinaychandu   |
| 36   | 15JQ5A0420      | JAJULA SIVASAIAJAYPRATAP | J. Jaypratap     |
| 37   | 15JQ5A0421      | JANGA MADHUSUDHANARAO    | J. Madhusudhan   |
| 38   | 15JQ5A0422      | K DURGAVEERAMANIKANTHA   | K. Manikanta     |
| 39   | 15JQ5A0423      | KANOORI DURGAPRASADARAO  | K. Durgaprasad   |
| 40   | 15JQ5A0424      | KAREDLA VENKATESH        | K. Venkatesh     |
| 41   | 15JQ5A0425      | KASIREDDY MANISHANKAR    | K. Manishankar   |
| 42   | 15JQ5A0426      | KOPPISETTI MADHUBABU     | K. Madhubabu     |
| 43   | 15JQ5A0427      | KORAPU BRAHMATEJA        | K. Brahmateja    |
| 44   | 15JQ5A0428      | KOYYANI SAIKRISHNA       | K. Saikrishna    |
| 45   | 15JQ5A0429      | KUNCHE NARENDRAKUMAR     | K. Narendrakumar |
| 46   | 15JQ5A0430      | LAKKOJUSNP RAJA          | L. Raja          |
| 47   | 15JQ5A0431      | LAKKOJU SIVAKUMAR        | L. S. Sivakumar  |



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(Accredited by NAAC with B+ grade)

|    |            |                               |                         |
|----|------------|-------------------------------|-------------------------|
| 48 | 15JQ5A0432 | LOKAVARAPU RAMANA             | L. Ramana               |
| 49 | 15JQ5A0433 | MADIRI SANDEEPKUMAR           | M. Sandeep              |
| 50 | 15JQ5A0434 | MALISETTI KAMESWARARAO        | M. Kameswararao         |
| 51 | 15JQ5A0435 | MARELLA VIJAYACHANDRASEKHAR   | M. Vijay chandrasekhara |
| 52 | 15JQ5A0437 | MOGANTI VEERANAGESWARARAO     | M. M. N. Rao            |
| 53 | 15JQ5A0438 | MORTHA SOMARAJU               | M. Somaraju             |
| 54 | 15JQ5A0439 | NAKKA SURIBABU                | N. Suribabu             |
| 55 | 15JQ5A0440 | NEELI SUBRAHMANYAM            | H. Subrahmanyam         |
| 56 | 15JQ5A0441 | NIMMAKAYALA SURYAPRAKASH      | N. Suryaprakash         |
| 57 | 15JQ5A0442 | PALLETI VARAPRASADU           | P. Varaprasadu          |
| 58 | 15JQ5A0443 | PAPPALA SIVAAPPARAO           | P. Sivapparao           |
| 59 | 15JQ5A0444 | PATNALA VENKATESWARLU         | P. Venkateswarlu        |
| 60 | 15JQ5A0445 | PENTAPALLI SUKANYALAKSHMI     | P. Lakshmi              |
| 61 | 15JQ5A0446 | RUNKU VENKATARAO              | R. Venkatarao           |
| 62 | 15JQ5A0447 | SAKA DORABABU                 | S. Dorababu             |
| 63 | 15JQ5A0448 | SESETTI VIJAYAKUMAR           | S. V. Kumar             |
| 64 | 15JQ5A0449 | SINGAMPALLI RAMESH            | S. Ramesh               |
| 65 | 15JQ5A0450 | TANDRINGU GANESHKUMAR         | T. Ganesh               |
| 66 | 15JQ5A0451 | THOTA KONDABABU               | T. Kondababu            |
| 67 | 15JQ5A0452 | THOTHARAMUDI RAJESH           | T. Rajesh               |
| 68 | 15JQ5A0453 | UDATHA DURGARAO               | U. Durgarao             |
| 69 | 15JQ5A0454 | VALASA MAMATHA                | V. Mamatha              |
| 70 | 15JQ5A0455 | VANTEDDU SUREKHA              | V. Surekha              |
| 71 | 15JQ5A0456 | VEERAVILLI ANILKUMAR          | V. Anilkumar            |
| 72 | 15JQ5A0457 | VEERAVILLI VEERANJAINYACHARI  | V. Veeranjainyachari    |
| 73 | 15JQ5A0458 | VEGI PYDIKONDA                | V. Pydikonda            |
| 74 | 15JQ5A0459 | YELLA ANANDBABU               | Y. Anandbabu            |
| 75 | 15JQ5A0460 | ANITHA MADDINALA              | A. Anandbabu            |
| 76 | 15JQ5A0461 | BALAKRISHNA YAVVARI           | B. Yavvari              |
| 77 | 15JQ5A0462 | CHILAKALAPALLI VASU           | C. Vasu                 |
| 78 | 15JQ5A0463 | N KRISHNA SUDHEER             | N. Krishna Sudheer      |
| 79 | 15JQ5A0464 | NMVVNS NARAYANA               | N. Narayana             |
| 80 | 15JQ5A0465 | NV DURGAPRASAD NAMANA         | N. V. Durgaprasad       |
| 81 | 15JQ5A0466 | PADDARAJU CHALAGALLA          | P. Chalagalla           |
| 82 | 15JQ5A0467 | PADMASUDHA PERI               | P. Padmasudha           |
| 83 | 15JQ5A0468 | PARUCHARLA LAXMANSANTOSHKUMAR | P. Laxmansantoshkumar   |
| 84 | 15JQ5A0469 | PENTAPATI SATISH              | P. Satish               |
| 85 | 15JQ5A0470 | SANABOINA MOHAN               | S. Mohan                |
| 86 | 15JQ5A0471 | SEELAM DURGAPRASAD            | S. Durgaprasad          |
| 87 | 15JQ5A0472 | SHEIK MADEENA                 | S. Madeena              |
| 88 | 15JQ5A0473 | TAGARA LAMANIKANTA            | T. Lamanikanta          |
| 89 | 15JQ5A0474 | TRIVIKRAMARAO BOPANA          | T. Trivikramarao        |
| 90 | 15JQ5A0475 | VDPVARMA KOPANATHI            | V. Kopanathi            |
| 91 | 15JQ5A0476 | VNVPSARADHI KUPPALA           | V. Kuppal               |

M. Sathir Babu.

HoD



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 21.08.2017

**CIRCULAR**

All IV/IV CSE Students are here by informed that Department of Computer Science Engineering is conducting a Two Weeks Certificate Program on “Introduction to IoT” by Mr. B. Lakshmana Rao, Asst. Professor, KITS, Divili, is the Resource person. The program will be held from 23.08.2017 to 05.09.2017. All the interested students are instructed to register their names in the Department office on or before 22.08.2017. All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Room No.204

**Circulated to:** All HoD's

*R. Raju*  
*T. M. D.*  
*N. M.*  
*T. Prasad*  
*Sethi*  
*M. J.*

**Copy to:** Notice board

*[Signature]*  
**PRINCIPAL**  
Kakinada Institute of Technology and Science  
Divili, Tirupathi, Peddapuram  
E.G. Dist: 533433.




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 22.08.2017

**Week/Day-Wise Schedule**

Name of the Program: "A Two Weeks Certificate Program on Introduction to IoT"

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Wednesday | 23.08.2017 | <ul style="list-style-type: none"><li>• Overview of IoT</li><li>• How does it work?</li><li>• Difference between Embedded device and IoT device</li></ul> |
| 2    | Thursday  | 24.08.2017 | <ul style="list-style-type: none"><li>• Properties</li><li>• Ecosystem</li><li>• Decision Framework</li></ul>   |
| 3    | Friday    | 25.08.2017 | <ul style="list-style-type: none"><li>• IoT Architecture</li></ul>  |
| 4    | Saturday  | 26.08.2017 | <ul style="list-style-type: none"><li>• IoT Security</li></ul>  |
| 5    | Monday    | 28.08.2017 | <ul style="list-style-type: none"><li>• IoT Networking</li></ul>  |
| 6    | Tuesday   | 29.08.2017 | <ul style="list-style-type: none"><li>• IoT Data Analytics</li></ul>  |
| 7    | Wednesday | 30.08.2017 | <ul style="list-style-type: none"><li>• IoT Solution</li></ul>  |
| 8    | Thursday  | 31.08.2017 | <ul style="list-style-type: none"><li>• Architecture Models</li></ul>   |
| 9    | Friday    | 01.09.2017 | <ul style="list-style-type: none"><li>• Types of wireless communication</li><li>• Properties</li></ul>  |
| 10   | Saturday  | 02.09.2017 | <ul style="list-style-type: none"><li>• Comparison between various types of wireless communication</li><li>• Long-range communication devices</li></ul>   |
| 11   | Monday    | 04.09.2017 | <ul style="list-style-type: none"><li>• Properties</li><li>• comparison of these devices</li></ul>  |
| 12   | Tuesday   | 05.09.2017 | <ul style="list-style-type: none"><li>• IoT Applications</li></ul>  |

  
( Mr. B. Veerendra )  
HoD

## Objective of the Programme:-

To understanding the fundamental technologies, applications, sensors used, and IOT architecture, as well as the perspective.

### Resource Person:

#### **MR. B. LAKSHMANA RAO**

Asst. Professor,  
CSE Department, KITS,  
Divili. Ph No:9948322371

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

Email:.....

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Ms. S Ramya**  
DEPT.OF CSE

**COORDINATOR**  
**Mr. Y.V.V.Durga Prasad**  
DEPT.OF CSE

ADDRESS FOR COMMUNICATION:

**Mr. Y.V.V.Durga Prasad**

Coordinator

DEPT.OF CSE

**Kakinada Institute of Technology and Science**  
**Divili, East Godacari, A.P.**



**Kakinada Institute Of Technology And Science**  
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Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

*A Two Weeks Certificate Program*  
on

**INTRODUCTION TO IOT**

Dates:

**23.08.2017 to 05.09.2017**

Organized by:

**Department of CSE**

Venue:

Seminar Hall-1

**Kakinada Institute of Technology and Science**

Tirupathi (V), Divili, Peddapuram (M),

East Godavari (d), Samarlakota,

Andhra Pradesh-533433

INDIA



## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes (M.Tech Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The Institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of Computer Science & Engineering was established in the year 2008.. It has qualified and experienced faculties to impart quality education and enhance the knowledge of student community. The Department has good laboratory facilities and aims at maintaining a high standard of educational excellence. Our students have received acclaim in various competitions conducted by leading Institutions and Universities across India and recently participated in HACKATHON contest conducted by Govt. of India.

### Organising Secretary:

**Mr. Y.V.V.Durga Prasad**  
Asst. Professor  
DEPT OF CSE  
Divili

## Topics covered

- Introduction to IoT
- IoT device
- IoT Solution
- Types of wireless communication
- Properties
- IoT Applications





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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(Accredited by NAAC with B+ grade)

Date: 08.09.2017

**PROGRAM REPORT**

- Name of the Program** : Two Weeks Certificate Program on “Introduction to IoT”
- Date / Duration** : 23.08.2017 to 05.09.2017 (72 Hours)
- Resource Person** : Mr. B. Lakshmnana Rao, Asst. Professor, CSE Department, KITS, Divili. Ph No:9948322371
- Name of Coordinator** : Mr. Y.V.V.Durga Prasad, Asst. Professor, KITS, Divili
- Number of Participants:** 42
- Program Objectives** : The objectives of this program are
- To understanding the fundamental technologies, applications, sensors used, and IOT architecture, as well as the perspective
- Topics Covered** : The following topics were discussed in this certificate program
- Introduction to IoT
  - IoT device
  - IoT Solution
  - Types of wireless communication
  - Properties
  - IoT Applications
- Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on fundamental technologies, applications, the utilization of sensors, and IOT architecture in addition to the viewpoint of the industry.. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

**List of Enrolled Students**

Name of the Program:

A.Y: 2017-18

Date:

Department: CSE

| S.NO | REGISTRATION NO | STUDENT NAME                    | SIGNATURE         |
|------|-----------------|---------------------------------|-------------------|
| 1    | 14JQ1A0501      | BANTUPALLI SRINIVASARAO         | B. Srinivasarao   |
| 2    | 14JQ1A0502      | BARTHU NOOKARATNAM              | B. Nookaratnam    |
| 3    | 14JQ1A0503      | BARUKULA SUMA                   | B. Suma           |
| 4    | 14JQ1A0504      | BATCHALA CHINNARI               | B. Chinnari       |
| 5    | 14JQ1A0505      | BURADA PRASAD                   | B. Prasad         |
| 6    | 14JQ1A0506      | CHEKKA MARESWARI                | C. Mareswari      |
| 7    | 14JQ1A0508      | GOLLAPALLI BABYLAVANYA          | Kamala            |
| 8    | 14JQ1A0509      | KAMALA DADALA                   | Kamala            |
| 9    | 14JQ1A0511      | KUKKALA KRANTHINI               | Kranthini         |
| 10   | 14JQ1A0512      | MALLA GANGABHAVANI              | H. Gangab         |
| 11   | 14JQ1A0513      | NULU ANNAMAYYA                  | N. Annamayya      |
| 12   | 14JQ1A0514      | PYDIMALLA ANANTHALAKSHMI        | Dorababu          |
| 13   | 14JQ1A0515      | THATAVARTHI DORABABU            | T. Dorababu       |
| 14   | 14JQ1A0516      | UDDAGIRIGANA NAGENDRA           | U. Nagendra       |
| 15   | 14JQ1A0517      | URUMU VAMSI                     | U. Vamsi          |
| 16   | 14JQ1A0518      | ADABALA SRINU                   | A. Srinu          |
| 17   | 14JQ1A0519      | DHILIPUDI KUMARASWAMY           | D. Kumaraswamy    |
| 18   | 14JQ1A0520      | K MANOJ KUMAR                   | K. Manoj          |
| 19   | 14JQ1A0522      | Y DORABABU                      | Y. Dorababu       |
| 20   | 15JQ5A0501      | BANDARU SHANKAR                 | B. Shankar        |
| 21   | 15JQ5A0502      | CHEDHUPUVVU JOHNBENNY           | C. John Benny     |
| 22   | 15JQ5A0503      | CHINTA SURENDRA                 | C. Surendra       |
| 23   | 15JQ5A0504      | JAJULA SUBHASHCHANDRAN          | S. Subhashchandra |
| 24   | 15JQ5A0505      | KAPARAPU RAVINDRABABU           | K. Ravindrababu   |
| 25   | 15JQ5A0507      | KARRI RAJESH                    | K. Rajesh         |
| 26   | 15JQ5A0508      | MALLIREDDY BHASKARASATEJA       | M. Bhaskarasateja |
| 27   | 15JQ5A0509      | N VEERAVENKATASATYANARAYANA     | N. Veeravekata    |
| 28   | 15JQ5A0510      | NEDURIGAJA LAKSHMINARAYANA      | N. Lakshmi        |
| 29   | 15JQ5A0511      | OBILISSETTI VEERAVENKATABHAVANI | O. Veerabhavani   |
| 30   | 15JQ5A0512      | PAKETI RAJU                     | P. Raju           |
| 31   | 15JQ5A0513      | PAPAGANTI DHARANI               | P. Dharani        |
| 32   | 15JQ5A0514      | PATAMSETTI GANGAADINARAYANA     | P. G. Narayanan   |
| 33   | 15JQ5A0515      | PENAGANTI MOHANAKRISHNA         | P. Mohan Krishna  |
| 34   | 15JQ5A0516      | RK RAJKUMAR                     | R. Rajkumar       |
| 35   | 15JQ5A0517      | THANUBUDHI ARUNA                | T. Aruna          |
| 36   | 15JQ5A0518      | VANUM SANTHAKUMAR               | V. S. Kumar       |
| 37   | 15JQ5A0519      | VEESAM SRIKANTH                 | V. Srikanth       |
| 38   | 15JQ5A0520      | YKK SAIRAMYADAV                 | Y. S. R. Yadav    |
| 39   | 15JQ5A0521      | GUBBALA VEERABHADRARAO          | G. Veer           |
| 40   | 15JQ5A0522      | JAJIMOGGALA VEERENDRA           | J. Veerendra      |
| 41   | 15JQ5A0523      | KAKUMANU MANIKRISHNASEKHAR      | K. Manikrishna    |
| 42   | 15JQ5A0524      | SALADI SOMASURYASRIRAM          | S. Sai Ram        |

HoD



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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(Accredited by NAAC with B+ grade)

Date: 07.09.2017

**CIRCULAR**

All IV/IV EEE Students are here by informed that Department of Electrical and Electronics Engineering is conducting a Two Weeks Certificate Program on “Solar PV system and Solar PV Grid Tie System” by Mr. T. Lakshmi Narayana, Assoc. Professor, EEE Department, KITS, Divili, is the Resource person. The program will be held from 11.09.2017 to 23.09.2017. All the interested students are instructed to register their names in the Department office on or before 08.09.2017

All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Room No.302

**PRINCIPAL**

Kakinada Institute of Technology and Science

Tirupathi (V), Divili, Peddapuram (M)

E.G. Dist.-533433.

Circulated to: All HoD's

TSP  
R. Ranga  
T. L. N.  
C. S.  
C. S.  
T. S.

Copy to: Notice board



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**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
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Date: 08.09.2017

**Week/Day-Wise Schedule**

Name of the Program: "A Two Week Certificate Program on Solar PV system and Solar PV Grid Tie System"

| S.NO | DAY       | DATE      | TOPICS COVERED  |
|------|-----------|-----------|---|
| 1    | Monday    | 11.9.2017 | <ul style="list-style-type: none"><li>• Introduction to Renewable energy</li><li>• Basics of Electricity</li></ul>                |
| 2    | Tuesday   | 12.9.2017 | <ul style="list-style-type: none"><li>• Solar Radiation Basics and Measurement</li><li>• Working of Solar Cells</li></ul>         |
| 3    | Wednesday | 13.9.2017 | <ul style="list-style-type: none"><li>• Solar PV Modules</li><li>• Solar PV Arrays</li></ul>                                      |
| 4    | Thursday  | 14.9.2017 | <ul style="list-style-type: none"><li>• Inverter Basics</li><li>• Solar Batteries</li></ul>                                       |
| 5    | Friday    | 15.9.2017 | <ul style="list-style-type: none"><li>• Balance of Systems Components</li></ul>   |
| 6    | Saturday  | 16.9.2017 | <ul style="list-style-type: none"><li>• Solar PV Systems Design and integration</li></ul>   |
| 7    | Monday    | 18.9.2017 | <ul style="list-style-type: none"><li>• PV Battery System Design</li></ul>  |
| 8    | Tuesday   | 19.9.2017 | <ul style="list-style-type: none"><li>• PV Controller System Design</li><li>• PV Inverter System Design</li></ul>                 |
| 9    | Wednesday | 20.9.2017 | <ul style="list-style-type: none"><li>• Photovoltaic System Sizing</li><li>• Shading Effect</li></ul>                             |
| 10   | Thursday  | 21.9.2017 | <ul style="list-style-type: none"><li>• Installation of Solar PV Power Plants</li><li>• Plant Operation and Maintenance</li></ul> |
| 11   | Friday    | 22.9.2017 | <ul style="list-style-type: none"><li>• Smart Grid</li></ul>  |
| 12   | Saturday  | 23.9.2017 | <ul style="list-style-type: none"><li>• Interconnection of PV System with Smart Grid</li></ul>                                    |

*Play*

  
( Mr.B. Ramesh)  
HoD

## Objective of the Programme:-

To understand the meaning of basic electrical parameters

To explain the purpose and operation of typical electrical system components

To describe methods for conducting a shading analysis

To explain the grid connected PV system

## REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

.....

Mobile:.....

Email:.....

## PROGRAM COMMITTEE:

**CHIEF PATRON**  
**Sri.B.Srinivasa Rao**  
Chairman,  
KITS

**PATRON**  
**Dr.P.M.M.S.Sarma**  
Principal,  
KITS

**CONVENOR**  
**Mr. B. Ramesh,**  
HOD, EEE,  
KITS

**COORDINATOR**  
**Mr. S. Gangadhar,**  
Asst. Professor,  
KITS

### Resource Person:

**Mr. T. Lakshminarayana**  
Associate Professor  
EEE Department, KITS,  
Divili. Ph No: 9010054544

ADDRESS FOR COMMUNICATION:

**Mr. S. Gangadhar**  
Coordinator  
Asst. Professor,  
**Kakinada Institute of Technology and Science**  
Divili, East Godacari, A.P.



**Kakinada Institute Of Technology And Science**  
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Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

*A Two Weeks*  
*Certificate Program*

on  
**Solar PV System and**  
**Solar PV Grid Tie System**

---

**Dates:**  
**11.9.2017 to 23.09.2017**

**Organized by:**  
**Department of EEE**

**Venue:**  
Seminar Hall-1  
**Kakinada Institute of Technology and Science**  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which is famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes (M.Tech Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The Institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of Electrical and Electronics Engineering is offering an undergraduate course (B.Tech) in Electrical and Electronics Engineering and one post graduate course (M.Tech) in Power Electronics. The B.Tech program was started in 2008 with an intake of 60 later was enhanced to 120 in 2010. The M.Tech program in Power Electronics has started in 2012 with an intake of 18 students. The EEE department has more than 20 qualified and experienced faculty members. The Department has organized several symposiums, guest lectures and Workshops. The Department faculty are conducting their research work in Power Systems, Power Electronics, Electrical machines areas. They are encouraged to attend international and National conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. The EEE Department promotes the student activities through its IEEE, and IETE student branches apart from regular academics. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences.

## Topics covered

- Introduction to Renewable energy
- Solar Radiation Basics and Measurement
- Working of Solar Cells
- Solar PV modules and Arrays
- Basics of Charge Controller
- Balance of Systems Components

## Organising Secretary:

**Mr. S. Gangadhar**  
Assistant Professor &  
Dept. of EEE





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Date: 26.09.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Solar PV system and Solar PV Grid Tie System”

**Date / Duration** : 11.9.2017 to 23.09.2017 (72 Hours)

**Resource Person** : Mr. T. Lakshminarayana, Assoc. Professor, EEE Department, KITS, Divili. Ph No: 9010054544

**Name of Coordinator** : Mr. S. Gangadhar, Asst. Professor, EEE Department, KITS, Divili

**Number of Participants:** 117

**Program Objectives** : The objectives of this program are

- To understand the meaning of basic electrical parameters
- To explain the purpose and operation of typical electrical system components
- To describe methods for conducting a shading analysis
- To explain the grid connected PV system

**Topics Covered** : The following topics were discussed in this certificate program

- Introduction to Renewable energy
- Solar Radiation Basics and Measurement
- Working of Solar Cells
- Solar PV modules and Arrays
- Basics of Charge Controller
- Balance of Systems Components

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on operation of electrical system components, Shading Effect Analysis and Isolated PV System and Grid connected PV System. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date





**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

List of Enrolled Students

Name of the Program:

A.Y: 2017-18

Date: Solar PV System and Solar PV Grid-tie system Department: EEE

| S.NO | REGISTRATION NO | STUDENT NAME                       | SIGNATURE            |
|------|-----------------|------------------------------------|----------------------|
| 1    | 14JQ1A0201      | ALLU SIVAJI                        | A. Sivaji            |
| 2    | 14JQ1A0202      | DANGETI KALYANI                    | D. Kalyani           |
| 3    | 14JQ1A0205      | KINNERAKANTHA HEMANTKUMAR          | K. Hemant Kumar      |
| 4    | 14JQ1A0206      | KOONTRU RAVIKUMAR                  | K. Ravi Kumar        |
| 5    | 14JQ1A0207      | MULLA RAJASEKHAR                   | M. Raja Sekhar       |
| 6    | 14JQ1A0210      | UGGINA CHINNA                      | U. Chinna            |
| 7    | 14JQ1A0211      | UGGINA SRIKANTH                    | U. Srikanth          |
| 8    | 14JQ1A0212      | TIBIRISETTY RAJESH                 | T. Rajesh            |
| 9    | 14JQ1A0213      | K.SRINIVAS                         | K. Srinivas          |
| 10   | 15JQ5A0201      | ADAPA PURNACHANDRARAO              | A. Purnachandrarao   |
| 11   | 15JQ5A0203      | ANASURI SIVAGANGADHARA             | A. Gangadhara        |
| 12   | 15JQ5A0204      | BAERA KRISHNA                      | B. Krishna           |
| 13   | 15JQ5A0205      | BALEPALLI SREENU                   | B. Sreenu            |
| 14   | 15JQ5A0206      | BARAGATI LAKSHMANAKUMAR            | B. Lakshman          |
| 15   | 15JQ5A0207      | BATCHLA AVINASH                    | Avinash              |
| 16   | 15JQ5A0208      | BHERI MADHAVA                      | B. Madhava           |
| 17   | 15JQ5A0209      | BHIMALINGAM BHARATKUMAR            | B. Bharatkumar       |
| 18   | 15JQ5A0210      | CHEKKA RAMALINGESWARARAO           | C. Ramalingeswararao |
| 19   | 15JQ5A0211      | CHIKKALA VEERABABU                 | Ch. Veerababu        |
| 20   | 15JQ5A0212      | CHINTALAPATI VENKATASAI PAVANKUMAR | C. Venkatesh         |
| 21   | 15JQ5A0213      | CHINTHAKRINDADEVI MANIPRASANNA     | Ch. Maniprasanna     |
| 22   | 15JQ5A0214      | DASAM MANIBABU                     | D. Manibabu          |
| 23   | 15JQ5A0215      | DESALANKA PADMANABHAM              | D. Padmanabham       |
| 24   | 15JQ5A0216      | DHOOLIPUDI SURYACHAKRAM            | D. Suryachakram      |
| 25   | 15JQ5A0217      | DONGA VENKATESWARARAO              | D. Venkateswararao   |
| 26   | 15JQ5A0218      | EEGALA GOPI                        | E. Gopi              |
| 27   | 15JQ5A0219      | EYYAPU SAIPRASANNA                 | E. Saiprasanna       |
| 28   | 15JQ5A0220      | GARAPATI VEERABABU                 | G. Veerababu         |
| 29   | 15JQ5A0221      | GONNABATHULA TRIMURTHULU           | G. Trimurthulu       |
| 30   | 15JQ5A0222      | GORURAJA MANIKANTA                 | G. Manikanta         |
| 31   | 15JQ5A0223      | GUDIMETLA VIJAYAKUMAR              | G. Vijayakumar       |
| 32   | 15JQ5A0224      | GUDIVADA VENKATARAJU               | G. Venkataraju       |
| 33   | 15JQ5A0225      | GUNDRU CHAKRABABU                  | G. Chakrababu        |
| 34   | 15JQ5A0227      | INTI ANIL                          | I. Anil              |
| 35   | 15JQ5A0228      | JATLA NAGENDRAKUMAR                | J. Nagendrakumar     |
| 36   | 15JQ5A0229      | KADITHI KAMARAJU                   | K. Kamaraju          |
| 37   | 15JQ5A0230      | KAKADA NARESH                      | N. Naresh            |
| 38   | 15JQ5A0231      | KALLURI DURGAPRASAD                | K. Durgaprasad       |
| 39   | 15JQ5A0232      | KANCHAPU PAVANKUMAR                | K. Pavankumar        |
| 40   | 15JQ5A0233      | KANDA SIVAGANGADHAR                | K. S. Gangadhara     |
| 41   | 15JQ5A0234      | KARROTHU NAGESWARARAO              | K. Nageswararao      |
| 42   | 15JQ5A0235      | KASI LOKESWARAREDDY                | K. L. Reddy          |
| 43   | 15JQ5A0236      | KATTUMUR ILOVARAJU                 | K. Ilovaraju         |



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**

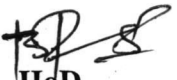
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|    |            |                                     |                              |
|----|------------|-------------------------------------|------------------------------|
| 44 | 15JQ5A0237 | KELANGI PRASAD                      | P. Prasad.                   |
| 45 | 15JQ5A0238 | KOLLU SRINIVASARAO                  | K. Srinivasarao              |
| 46 | 15JQ5A0239 | KONDETI VENKATESWARARAO             | K. Venkateswararao           |
| 47 | 15JQ5A0240 | KORUMILLI VIJAYAKUMAR               | K. Vijay Kumar               |
| 48 | 15JQ5A0241 | KUNDRAPU CHINNAIDU                  | K. Chinnaidu                 |
| 49 | 15JQ5A0242 | LALAM VENKATAMOHANNANIBABU          | L. M. Mohan Babu             |
| 50 | 15JQ5A0243 | MALLAM PALLISWAMY                   | M. Palliswamy                |
| 51 | 15JQ5A0244 | MANEM<br>VEERA VENKATASATYANARAYANA | M. V. V. Manoj Kumar         |
| 52 | 15JQ5A0245 | MANGU HARISHKUMAR                   | M. Harish Kumar              |
| 53 | 15JQ5A0246 | MATHURTHI NAGENDRA                  | M. Mathurthi                 |
| 54 | 15JQ5A0247 | MEDISETTY NAGESWARARAO              | M. Nageswararao              |
| 55 | 15JQ5A0248 | MUMMI DIVARAPRASAD                  | M. Divaraprasad              |
| 56 | 15JQ5A0249 | MURALI KILARI                       | Murali                       |
| 57 | 15JQ5A0250 | NAKKA LOVARAJU                      | N. Lovaraju                  |
| 58 | 15JQ5A0251 | NALAMATI SIVASANKAR                 | N. Siva Sankar               |
| 59 | 15JQ5A0252 | NAMANAB JYOTHISURYAPRAKASH          | N. Prakash                   |
| 60 | 15JQ5A0253 | NARALA VENKATESH                    | N. Venkatesh                 |
| 61 | 15JQ5A0254 | NOOLU SIVAGANESH                    | N. Sivaganesh                |
| 62 | 15JQ5A0255 | NUVVULA MANIKANTA                   | N. Manikanta                 |
| 63 | 15JQ5A0256 | OBBALASETTI SRINIVAS                | O. Srinivas                  |
| 64 | 15JQ5A0257 | PALINKI VIJAYABABU                  | P. Vijayababu                |
| 65 | 15JQ5A0258 | PALLASRI BHUVANCHAND                | P. Bhuvanchand               |
| 66 | 15JQ5A0259 | PAMPANABOINA VV M<br>SATYANARAYANA  | P. V. V. M. S. Satyanarayana |
| 67 | 15JQ5A0260 | PANTHADA YESUBABU                   | P. Yesubabu                  |
| 68 | 15JQ5A0261 | PATAMSETTY DURGASATYAVENI           | P. Durgasatyaveni            |
| 69 | 15JQ5A0262 | PAVADA RAJUBABU                     | P. Rajubabu                  |
| 70 | 15JQ5A0263 | PEDDINTI ESWARARAO                  | P. Eswararao                 |
| 71 | 15JQ5A0264 | PEMMADI DURGARAO                    | P. Durga Rao                 |
| 72 | 15JQ5A0265 | PENMET SASIVAGANDHIRAJU             | P. S. Gandhiraju             |
| 73 | 15JQ5A0266 | PILLALA SANYASAPPADU                | P. S. Sanyasappadu           |
| 74 | 15JQ5A0267 | PONNAGANTI NAGESHKUMAR              | P. Nageshkumar               |
| 75 | 15JQ5A0268 | POTNURU GANGARAJU                   | P. Gangaraju                 |
| 76 | 15JQ5A0269 | POTTI ABHISHEK                      | P. Abhishek                  |
| 77 | 15JQ5A0270 | PUDI VIJAYAKUMAR                    | P. Vijayakumar               |
| 78 | 15JQ5A0271 | PULIDINDI MAHESH                    | P. Mahesh                    |
| 79 | 15JQ5A0272 | PUVVALA LAKSHMANKUMAR               | P. L. Kumar                  |
| 80 | 15JQ5A0273 | RAJANGAM DORABABU                   | R. Dorababu                  |
| 81 | 15JQ5A0274 | RAMANAM CHANDRABABU                 | R. Chandrababu               |
| 82 | 15JQ5A0275 | RAVULA SRIVENKATESH                 | R. Sri Venkatesh             |
| 83 | 15JQ5A0276 | RELANGI RAJABABU                    | R. Rajababu                  |
| 84 | 15JQ5A0277 | SANGEETA SIVASAIMANIKANTA           | S. S. Manikanta              |
| 85 | 15JQ5A0278 | SANIBOYINA RAMESH                   | S. Ramesh                    |
| 86 | 15JQ5A0279 | SARIPALLI SIVASATISH                | S. Sivasatish                |
| 87 | 15JQ5A0280 | SIDDANTAPU BHAVANIPRASAD            | S. Bhavaniprasad             |
| 88 | 15JQ5A0281 | SINGAMPALLI NAIDU                   | S. Naidu                     |
| 89 | 15JQ5A0282 | SURAKASULA JAYARAJ                  | S. Jayaraj                   |
| 90 | 15JQ5A0283 | SURAVARAPU YESURATNAM               | S. Yesuratnam                |
| 91 | 15JQ5A0284 | SURYANARAYANA MURTHYNALLA           | S. Murthynalla               |
| 92 | 15JQ5A0285 | TAMARANA LOKASAI                    | T. Lokasai                   |



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(Accredited by NAAC with B+ grade)

|     |            |                            |                  |
|-----|------------|----------------------------|------------------|
| 93  | 15JQ5A0286 | TAMARANA RENUKAMANIKYARAO  | T. R. Renukaman  |
| 94  | 15JQ5A0287 | TETAKAYALA HAREESH         | T. Hareesh       |
| 95  | 15JQ5A0288 | TUMMA SURESH               | P. Suresh        |
| 96  | 15JQ5A0289 | ULLINGALA PEDA KAPU        | U. Pedakapu      |
| 97  | 15JQ5A0290 | VADAPALLI RAMESHBABU       | V. Rambabu       |
| 98  | 15JQ5A0291 | VADLAPUDI MUTYALARAO       | V. Mutyalarao    |
| 99  | 15JQ5A0292 | VASAMSETTI SIVAKUMAR       | V. Sivakumar     |
| 100 | 15JQ5A0293 | VEGISETTI HARISH           | Harish           |
| 101 | 15JQ5A0294 | VELNATI VEERABABU          | V. Veera Babu    |
| 102 | 15JQ5A0295 | VEMULADHARMA SAIGOPAL      | V. Saigopal      |
| 103 | 15JQ5A0296 | VUPPULURI MANINDRABABU     | V. Manindra Babu |
| 104 | 15JQ5A0297 | YELUGUBANTI CHARANKUMAR    | Y. Charankumar   |
| 105 | 15JQ5A0298 | YERIPILLIJONATHAN RAJKUMAR | Y. Rajkumar      |
| 106 | 15JQ5A0299 | ANEM MADHUBABU             | Madhubabu        |
| 107 | 15JQ5A02A0 | CHAITANYA KUPPALA          | C. Kuppal        |
| 108 | 15JQ5A02A1 | GORLA PRASAD               | G. Prasad        |
| 109 | 15JQ5A02A2 | JAMPA SATYA SURESHKUMAR    | J. Satya Suresh  |
| 110 | 15JQ5A02A3 | KASAPUVAPU SESHAHARINAGU   | K. Seshaharinagu |
| 111 | 15JQ5A02A4 | KONDA BABU DOOLLA          | Konda Babu       |
| 112 | 15JQ5A02A5 | KRISHNATEJA VIPPARTHI      | K. Vipparthi     |
| 113 | 15JQ5A02A6 | LAKSHMANA DORA MADDURI     | L. D. Madduri    |
| 114 | 15JQ5A02A7 | NOOTHATI VIJAYAKUMAR       | N. Vijaya        |
| 115 | 15JQ5A02A8 | PENUMARTHI ASHOK           | P. Ashok         |
| 116 | 15JQ5A02A9 | PIRAMALLA SURESH           | P. Suresh        |
| 117 | 15JQ5A02B0 | RONGALA SRINIVAS           | R. Srinivas      |
| 118 | 15JQ5A02B1 | SOMASEKHAR KOKKIRI         | S. Kokkiri       |

  
HOD



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 23.09.2017

**CIRCULAR**

All IV/IV ME Students are here by informed that Department of Mechanical Engineering is conducting a Two Weeks Certificate Program on “**Training in IC and SI Engines**” by Mr. Y. Dhana Sekhar, Asst. Professor, ME Department, KITS, Divili, is the Resource person. The program will be held from 01.10.2017 to 14.10.2017. All the interested students are instructed to register their names in the Department office on or before 29.09.2017

All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Room No.105

*MWS*  
**PRINCIPAL**

Kakinada Institute of Technology and Science  
Tirupathi (VI), Divili, Peddapuram (Mandal),  
E.G. Dist.-533433.

**Circulated to:** All HoD's

*P. Prasad*  
*T. Prasad*  
*C. S. S.*  
*T. H. S.*  
*M. S. S.*  
*V. S. S.*

**Copy to:** Notice board



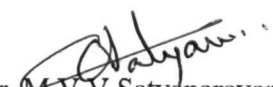
**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
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Date: 29.09.2017

**Week/Day-Wise Schedule**

Name of the Program: "A Two Week Certificate Program on Training in IC and SI Engines"

| S.NO | DAY       | DATE       | TOPICS COVERED   |
|------|-----------|------------|--|
| 1    | Monday    | 01.10.2017 | <ul style="list-style-type: none"><li>• Introduction to CI and SI Engines</li></ul>  |
| 2    | Tuesday   | 03.10.2017 | <b>IC Engines</b> <ul style="list-style-type: none"><li>• Classification based on multi cylinder engine</li><li>• Selection of IC engines</li><li>• Materials</li><li>• Manufacturing processes of ICE</li></ul> |
| 3    | Wednesday | 04.10.2017 | <b>SI Engines</b> <ul style="list-style-type: none"><li>• Normal Combustion and abnormal combustion</li><li>• Type of Abnormal combustion</li></ul>  |
| 4    | Thursday  | 05.10.2017 | <ul style="list-style-type: none"><li>• Fuel requirements and fuel rating</li><li>• Anti-knock additives</li><li>• Types.</li></ul>  |
| 5    | Friday    | 06.10.2017 | <ul style="list-style-type: none"><li>• Parameters of performance</li><li>• measurement of cylinder pressure</li></ul>   |
| 6    | Saturday  | 07.10.2017 | <ul style="list-style-type: none"><li>• Classification of Compressors</li><li>• Power absorption and Producing</li></ul>   |
| 7    | Monday    | 09.10.2017 | <ul style="list-style-type: none"><li>• Dynamic Compressors</li><li>• Axial Flow Compressor</li></ul>  |
| 8    | Tuesday   | 10.10.2017 | <ul style="list-style-type: none"><li>• Engine performance and emissions</li></ul>   |
| 9    | Wednesday | 11.10.2017 | <ul style="list-style-type: none"><li>• Engine control systems</li></ul>   |
| 10   | Thursday  | 12.10.2017 | <ul style="list-style-type: none"><li>• Engine maintenance and troubleshooting</li></ul>   |
| 11   | Friday    | 13.10.2017 | <ul style="list-style-type: none"><li>• Engine design and analysis</li></ul>   |
| 12   | Saturday  | 14.10.2017 | <ul style="list-style-type: none"><li>• Alternative fuels and their impact on engines</li></ul>  |

  
(Mr. M.V.V. Satyanarayana )  
HoD

## Objective of the Programme:-

To explain IC engine combustion phenomena

Giving thorough knowledge of the fuel supply systems and the types of fuels used in IC engines

Giving a general review of internal combustion engines, including their classification, uses, mechanisms, and processes

### Resource Person:

**Mr. Y. Dhana Sekhar**

Asst. Professor, ME Department,  
KITS, Divili. Ph No:7013534359

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

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

Mobile:.....

mail:

## PROGRAM COMMITTEE:

CHIEF PATRON

Sri.B.Srinivasa Rao

Chairman,

KITS

PATRON

Dr.P.M.M.S.Sarma

Principal,

KITS

CONVENOR

Mr. N. C. Mitra

DEPT.OF ME

COORDINATOR

Mr. V. Satyanarayana

DEPT.OF ME

ADDRESS FOR COMMUNICATION:

**Mr. V. Satyanarayana**

Coordinator

DEPT.OF ME

**Kakinada Institute of Technology and Science**

**Divili, East Godacari, A.P.**



**Kakinada Institute Of Technology And Science**

*(Approved by AICTE, Affiliated to JNTU Kakinada)*

*Accredited by NAAC with B+ Grade*

Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

**A Two Weeks**

**Certificate Program**

*on*

**Training in IC and SI Engines**

**Dates:**

**01.10.2017 to 14.10.2017**

**Organized by:**

**Department of ME**

**Venue:**

**Seminar Hall-1**

**Kakinada Institute of Technology and Science**

Tirupathi (V), Divili, Peddapuram (M),

East Godavari (d), Samarlakota,

Andhra Pradesh-533433

**INDIA**

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which is famous one. K.I.T.S is located at Divili on the Jamalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

Managing moving machines of the world! It is this catchy phrase that has made Mechanical Engineering the thriving branch for being an integral part in shaping our world run on machines. The Mechanical Engineering department at Kakinada institute of technology and science has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with umpteen number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study. The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORKS.

## Organising Secretary:

**Mr. V. Satyanarayana**  
DEPT OF ME  
KITS

## Topics covered

- IC Engines
- SI Engines
- Anti-knock additives
- Parameters of performance
- Compressors
- Engine performance and emissions
- Engine design and analysis





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**List of Enrolled Students**

Name of the Program: TRAINING IN IIC & SI ENGINES A.Y: 2017-18

Date: 01/10/2017

Department: ME

| S.NO | REGISTRATION NO | STUDENT NAME                            | SIGNATURE                  |
|------|-----------------|---|----------------------------|
| 1    | 14JQ1A0301      | AVALA RAMA RAO                          | A. Rama Rao                |
| 2    | 14JQ1A0302      | BAINAPUDI<br>KODANDARAMAVENKATAVEERRAJU | B. Veer Raju               |
| 3    | 14JQ1A0303      | CHANDAKA JATLAYYA                       | C. Jatlayya                |
| 4    | 14JQ1A0304      | CHAPPIDI NAVEENRAJ                      | Ch. Naveenraj              |
| 5    | 14JQ1A0305      | CHEDULURI TAMMARAO                      | C. Tammarao                |
| 6    | 14JQ1A0308      | GANDROTHULA DURGAPRASAD                 | G. Durga Prasad            |
| 7    | 14JQ1A0310      | GOMPA PRADEEPKUMAR                      | G. Pradeep Kumar           |
| 8    | 14JQ1A0311      | GOPU VEERAVENKATASUBRAHMANYAM           | G. Chinna                  |
| 9    | 14JQ1A0312      | GULLA CHINNAMNAIDU                      | G. Chinna                  |
| 10   | 14JQ1A0313      | GULLA PHANIKUMAR                        | G. Phanika                 |
| 11   | 14JQ1A0316      | GUTTULA SRIKANTH                        | G. Srikanth                |
| 12   | 14JQ1A0317      | ICHAPURAM RUSHIKESH                     | I. Rushikesh               |
| 13   | 14JQ1A0318      | JANDHYAM<br>VEERAVENKATADURGAPRASAD     | J. V. V. D. Prasad         |
| 14   | 14JQ1A0319      | KANDIPALLI PRAVEENCHAND                 | K. Praveen Chand           |
| 15   | 14JQ1A0320      | KHANDAVILLI RAVIKUMAR                   | K. Ravikumar               |
| 16   | 14JQ1A0321      | KONDELU AJAY                            | K. Ajay                    |
| 17   | 14JQ1A0323      | KUMMARI BASANT KUMAR                    | K. Basant Kumar            |
| 18   | 14JQ1A0325      | KURADA MUNIBABU                         | K. B. Kumar                |
| 19   | 14JQ1A0326      | MUPPIDI KALYAN                          | M. Kalyan                  |
| 20   | 14JQ1A0327      | MUSUNURI GANESH                         | M. Ganesh                  |
| 21   | 14JQ1A0328      | NAMU CHAKRADHAR                         | N. Chakradhar              |
| 22   | 14JQ1A0330      | PANCHADARLA<br>MANIKANTACHANDRASEKHAR   | P. Manikanta Chandrasekhar |
| 23   | 14JQ1A0331      | PANDULA DURGAPRASAD                     | P. D. Prasad               |
| 24   | 14JQ1A0332      | PENKE VENKATESWARLU                     | P. Venkateswarlu           |
| 25   | 14JQ1A0333      | PITHANI SAIKUMAR                        | P. Saikumar                |
| 26   | 14JQ1A0334      | PITTA VAMSIKRISHNA                      | P. Vamsi                   |
| 27   | 14JQ1A0336      | SALADI VAMSIKRISHNA                     | P. V. Krishna              |
| 28   | 14JQ1A0338      | SANKABATHU LANAGAMANIKANTA              | S. L. Manikanta            |
| 29   | 14JQ1A0339      | SHEIK MADEENA                           | S. Madeena                 |
| 30   | 14JQ1A0340      | TATAPUDI NARESH                         | T. Nareesh                 |
| 31   | 14JQ1A0341      | TURRELA PRASAD                          | T. Prasad                  |
| 32   | 14JQ1A0344      | VEESAM SIVAKRISHNA                      | V. Siva Krishna            |
| 33   | 14JQ1A0345      | VUSSEY SUDARSANBABU                     | V. Sudarshan Babu          |
| 34   | 14JQ1A0346      | YALLA SATISH                            | Y. Satish                  |
| 35   | 14JQ1A0347      | YELLAPUTRV PAVANKUMAR                   | Y. Pavankumar              |
| 36   | 14JQ1A0350      | B NISHIT                                | B. Nishit                  |
| 37   | 14JQ1A0352      | BODIREDLA ARAVINDA SWAMY                | B. A. Swamy                |
| 38   | 14JQ1A0353      | BYREDDY MANIKANTA REDDY                 | B. Manikanta Reddy         |
| 39   | 14JQ1A0355      | DEGALA RAVINDRAKUMAR                    | D. Ravindrakumar           |
| 40   | 14JQ1A0356      | K RAJESHKUMAR                           | K. Rajesh Kumar            |
| 41   | 14JQ1A0358      | KASILANKA SAIPAVANKUMAR                 | K. S. Kumar                |
| 42   | 14JQ1A0359      | KOTHA SOMESWARARAO                      | K. Someswara Rao           |





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|    |            |                                  |                       |
|----|------------|----------------------------------|-----------------------|
| 43 | 14JQ1A0360 | L SUNILKUMAR                     | L. Sunilkumar         |
| 44 | 14JQ1A0361 | MALLIREDDY RAMAKASI              | M. Ramakasi           |
| 45 | 14JQ1A0362 | PENUMARTHI CHINNARAO             | P. Chinnarao          |
| 46 | 14JQ1A0364 | SINGAMPALLI DURGARAO             | S. Durgarao           |
| 47 | 14JQ1A0365 | TATAPUDI NIKHILKUMAR             | T.N.S. Hanikanta      |
| 48 | 14JQ1A0366 | THOTA NAGASIVAMANIKANTA          | Mani                  |
| 49 | 14JQ1A0369 | YALLABOYINA MADHURAMKUMAR        | Kumar                 |
| 50 | 14JQ1A0370 | YALLAPU VENKATAKISHORE           | N. Kishore            |
| 51 | 14JQ1A0371 | NALIGIRI CHAITANYAVIJAYKIRAN     | N. Chaitanji          |
| 52 | 15JQ5A0301 | ADIRAJU VENKATARAO               | A. Venkatarao         |
| 53 | 15JQ5A0302 | ALLAM SWAMI                      | A. Swami              |
| 54 | 15JQ5A0303 | ANNEPU NARASIMMURTHY             | A. Narasim            |
| 55 | 15JQ5A0304 | BALLA VEERAPRATAP                | Veerapratap           |
| 56 | 15JQ5A0305 | BANTUPALLI LAKSHMANAPRASAD       | B. Lakshman           |
| 57 | 15JQ5A0306 | BEHARA VENKATESH                 | B. Venkatesh          |
| 58 | 15JQ5A0307 | BUDDADA SURESH                   | B. Suresh             |
| 59 | 15JQ5A0308 | CHEMBOLU SRIBRAHMANANDAKUMAR     | Ch. Sribrahman        |
| 60 | 15JQ5A0309 | CHIKKAM CHANDRAKISHORE           | C. Chandrakishore     |
| 61 | 15JQ5A0310 | CHIPPADA DURGESH                 | C. Durgesh            |
| 62 | 15JQ5A0311 | GANDHAM RAMPRAKASAM              | G. Ramprakash         |
| 63 | 15JQ5A0312 | GARIKINA JAGADEESH               | J. Jagadeesh          |
| 64 | 15JQ5A0313 | GIRAJALA NAGESWARARAO            | G. Nageswararao       |
| 65 | 15JQ5A0314 | GORJA SAIKIRAN                   | G. Saikiran           |
| 66 | 15JQ5A0315 | GUBBALA ARUNKUMAR                | G. Arun               |
| 67 | 15JQ5A0316 | GUTHULA VENKATESWARARAO          | V. Venkateswararao    |
| 68 | 15JQ5A0317 | JONNAKUTI VIJAYADURGAPRASADKUMAR | J. Vijayadurga        |
| 69 | 15JQ5A0318 | KADIMISETTI MANOHAR              | K. Manohar            |
| 70 | 15JQ5A0319 | KAKARLAPUDI SS SURYANARAYANARAJU | K.S. Suryanarayana    |
| 71 | 15JQ5A0320 | KOLA SIVAKUMAR                   | K. Sivakumar          |
| 72 | 15JQ5A0321 | KONA NAVEEN                      | K. Naveen             |
| 73 | 15JQ5A0322 | KONADA GOPI                      | K. Gopi               |
| 74 | 15JQ5A0323 | KONDAPALLI SRINU                 | K. Srinu              |
| 75 | 15JQ5A0324 | KORAMATI RATNAKUMAR              | K. Ratna              |
| 76 | 15JQ5A0325 | KOTHEM SURYANARAYANA             | S. Suryanarayana      |
| 77 | 15JQ5A0326 | KOTIKALAPUDI GANGADHARARAO       | K. Gangadhararao      |
| 78 | 15JQ5A0327 | KOTINA RAJESH                    | K. Rajesh             |
| 79 | 15JQ5A0328 | KUNA SIVASHANKAR                 | K. S. Shankar         |
| 80 | 15JQ5A0329 | MANDAPALLI CHANTIBABU            | M. Chantibabu         |
| 81 | 15JQ5A0330 | MOHAMMAD ARIF                    | M. Arif               |
| 82 | 15JQ5A0331 | MUKKA DURGAPRASAD                | M. Durgaprasad        |
| 83 | 15JQ5A0332 | MUPPIDI DURGASATYANARAYANA       | M. Durgasatyanarayana |
| 84 | 15JQ5A0333 | NAYANAPATRUNI PRAVEENKUMAR       | N. Praveenkumar       |
| 85 | 15JQ5A0334 | NEMALA SATTIBABU                 | N. Sattibabu          |
| 86 | 15JQ5A0335 | NETHALAKANAKA RAJU               | N. Raju               |
| 87 | 15JQ5A0336 | PALLI NANAJI                     | P. Nanaji             |
| 88 | 15JQ5A0337 | PATHINE RAJASEKHAR               | P. Rajasekhara        |
| 89 | 15JQ5A0338 | PEDAPATI RAJESH                  | P. Rajesh             |
| 90 | 15JQ5A0339 | PEDAPUDI SAIMANIKANTA            | S. Saimanikanta       |
| 91 | 15JQ5A0340 | PENNADA VENKATARAMANA            | P. Venkataramana      |
| 92 | 15JQ5A0341 | PENTAGAT LAMANIKUMAR             | P. Lamanikumar        |
| 93 | 15JQ5A0342 | PERLA KRISHNA                    | P. Krishna            |



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE  
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|     |            |                           |                 |
|-----|------------|---------------------------|-----------------|
| 94  | 15JQ5A0343 | RAMISETTI SATHIBABU       | R. Sathibabu    |
| 95  | 15JQ5A0344 | RAPETI SANKAR             | R. Sankar       |
| 96  | 15JQ5A0345 | RAVURI SIVAKRISHNA        | R. Siva krishna |
| 97  | 15JQ5A0346 | RONGALA RAJU              | R. Raju         |
| 98  | 15JQ5A0347 | SALAPRADEEP SATYAPAVAN    | S.S. Pravan     |
| 99  | 15JQ5A0348 | SAMINEEDI APPARAO         | S. Appa         |
| 100 | 15JQ5A0349 | SHAIK THUFAN              | S. Thufan       |
| 101 | 15JQ5A0350 | SHEIK VALI                | S. Vali         |
| 102 | 15JQ5A0351 | SIVAKRISHNA GOLLAPALLI    | S. Gollapalli   |
| 103 | 15JQ5A0352 | THOTA VENKATESHKUMAR      | T. Venkatesh    |
| 104 | 15JQ5A0353 | VSM SANTOSHKUMARADARI     | V.S. Kumaradasi |
| 105 | 15JQ5A0354 | VASAMSETTI VEERAGANESH    | V. Veeraganes   |
| 106 | 15JQ5A0355 | VEDURUPARTHI NOOKARAJU    | V. N. Raju      |
| 107 | 15JQ5A0356 | VEGI SIVADURGAPRASAD      | V. Sivadurga    |
| 108 | 15JQ5A0357 | VEMAGIRI NAGESWARARAO     | V. Nagesh       |
| 109 | 15JQ5A0358 | YVV DURGASURYAGANESH      | Y. Ganesh       |
| 110 | 15JQ5A0359 | YEDDU KONDALARAO          | Y. Kondal       |
| 111 | 15JQ5A0360 | YEDLA DEEKSHITH           | Y. Deekshith    |
| 112 | 15JQ5A0361 | ALAJINGI SIVARAMAKRISHNA  | A.S.R. Krishna  |
| 113 | 15JQ5A0362 | BH SRINIVASSHARMA         | B. Srinivas     |
| 114 | 15JQ5A0363 | DANGETI VIJAYADURGAPRASAD | D. Vijayadurga  |
| 115 | 15JQ5A0364 | IMANDIBABA SURYAKARTHIK   | I. Suryakarthik |
| 116 | 15JQ5A0365 | LANKE BALAKRISHNAVARMA    | L. Balakrishna  |
| 117 | 15JQ5A0366 | NAMBURI RANGARAJU         | N. Rangaraju    |
| 118 | 15JQ5A0367 | PINNAM SWAMY              | P. Swamy        |
| 119 | 15JQ5A0368 | SATYAMSETTI DURGAPRASAD   | S. Durga        |
| 120 | 15JQ5A0369 | SRINIVASARAO JASTHI       | S. Srinivas     |
| 121 | 15JQ5A0370 | SRINIVASARAO SOMANA       | S. Somana       |
| 122 | 15JQ5A0371 | SRISOMESWARASWAMY P       | S. Swamy        |
| 123 | 15JQ5A0372 | UPPALAPATI SRINIVASU      | U. Srinivasu    |

  
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**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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(Accredited by NAAC with B+ grade)

Date: 17.10.2017

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “Training in IC and SI Engines”  
**Date / Duration** : 01.10.2017 to 14.10.2017 (72 Hours)  
**Resource Person** : Mr. Y. Dhana Sekhar, Asst. Professor, ME Department, KITS, Divili.  
Ph No:7013534359

**Name of Coordinator** : Mr. V. Satyanarayana, Asst. Professor, ME Department, KITS, Divili

**Number of Participants:** 123

**Program Objectives** : The objectives of this program are

- to explain IC engine combustion phenomena
- giving thorough knowledge of the fuel supply systems and the types of fuels used in IC engines
- giving a general review of internal combustion engines, including their classification, uses, mechanisms, and processes

**Topics Covered** : The following topics were discussed in this certificate program

- IC Engines
- SI Engines
- Anti-knock additives
- Parameters of performance
- Compressors
- Engine performance and emissions
- Engine design and analysis

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on recognize different I.C. engine types, their operational cycles, and Determine the fuel metering and supply systems for various engines. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date



**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
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(Accredited by NAAC with B+ grade)

Date: 31.01.2018

**CIRCULAR**

All IV/IV CE Students are here by informed that Department of Civil Engineering is conducting a Two Weeks Certificate Program on “**Rehabilitation of Concrete Structures**” by Dr. R. Dayakar Babu, Professor, CE Department, KITS, Divili, is the Resource person. The program will be held from 05.02.2018 to 17.02.2018. All the interested students are instructed to register their names in the Department office on or before 01.02.2018

All the registered students must attend the certificate program without fail on the above mentioned dates.

**Venue:** Room No.303

**PRINCIPAL**

Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (M),  
E.G. Dist, -533433.

**Circulated to:** All HoD's

CE: R. Rana

EEE: B. Rana

ME: R. Rana

CSE: B. Rana

ECE: R. Rana

AGR: R. Rana

**Copy to:** Notice board




**KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
**DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)**  
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)  
(Accredited by NAAC with B+ grade)

Date: 01.02.2018

**Week/Day-Wise Schedule**

Name of the Program: "A Two Week Certificate Program On Rehabilitation of Concrete Structures"

| S.NO | DAY       | DATE       | TOPICS COVERED  |
|------|-----------|------------|---|
| 1    | Monday    | 05.02.2018 | <ul style="list-style-type: none"><li>• Deterioration of structures</li><li>• distress in structures</li></ul>                      |
| 2    | Tuesday   | 06.02.2018 | <ul style="list-style-type: none"><li>• causes and prevention of damage</li><li>• damage types</li></ul>                            |
| 3    | Wednesday | 07.02.2018 | <ul style="list-style-type: none"><li>• damage caused by cyclic and unintentional loads</li></ul>                                   |
| 4    | Thursday  | 07.02.2018 | <ul style="list-style-type: none"><li>• cracking in structures</li></ul>  |
| 5    | Friday    | 09.02.2018 | <ul style="list-style-type: none"><li>• Maintenance, repair and rehabilitation</li></ul>  |
| 6    | Saturday  | 10.02.2018 | <ul style="list-style-type: none"><li>• importance of maintenance</li><li>• various aspects of inspection</li></ul>                 |
| 7    | Monday    | 12.02.2018 | <ul style="list-style-type: none"><li>• Assessment procedure</li><li>• Diagnosis of construction failures</li></ul>                 |
| 8    | Tuesday   | 13.02.2018 | <ul style="list-style-type: none"><li>• Corrosion damage of reinforced concrete</li><li>• methods of corrosion protection</li></ul> |
| 9    | Wednesday | 14.02.2018 | <ul style="list-style-type: none"><li>• corrosion inhibitor</li><li>• corrosion resistant steels</li></ul>                          |
| 10   | Thursday  | 15.02.2018 | <ul style="list-style-type: none"><li>• Waterproofing</li></ul>   |
| 11   | Friday    | 16.02.2018 | <ul style="list-style-type: none"><li>• Structural repair</li></ul>   |
| 12   | Saturday  | 17.02.2018 | <ul style="list-style-type: none"><li>• case studies</li></ul>  |

  
(Mr. R. Rama Krishna)  
HoD

## Objective of the Programme:-

To describe various forms of structural deterioration, structural distress, and damage mechanisms

To comprehend the components of upkeep as well as the aspects of repair and restoration

### Resource Person:

**Dr. R. Dayakar Babu**

Professor, CE Department,  
KITS, Divili. Ph No:9398515186

### REGISTRATION FORM

Name:.....

Dept. :.....

Institution:.....

Address for Communication:

.....

.....

Mobile:.....

mail:

## PROGRAM COMMITTEE:

CHIEF PATRON  
Sri.B.Srinivasa Rao  
Chairman,  
KITS

PATRON  
Dr.K.S. Srikanth  
Principal,  
KITS

CONVENOR  
Mr. K. V. V. Ramaraju,  
DEPT.OF CE  
KITS

COORDINATOR  
Mr. Chandra Sekhar Babu,  
CE Dept.

### ADDRESS FOR COMMUNICATION:

Mr. Chandra Sekhar Babu  
Coordinator  
CE Department,  
Kakinada Institute of Technology and Science  
Divili, East Godacari, A.P.



Kakinada Institute Of Technology And Science  
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Accredited by NAAC with B+ Grade  
Tirupathi (V), Divili, Peddapuram (M), East Godavari,  
Samarlakota, Andhra Pradesh 533433

A Two Weeks  
Certificate Program

on  
**REHABILITATION OF  
CONCRETE STRUCTURES**

Dates:

05.02.2018 to 17.02.2018

Organized by:

Department of CE

Venue:

Seminar Hall-1

Kakinada Institute of Technology and Science  
Tirupathi (V), Divili, Peddapuram (M),  
East Godavari (d), Samarlakota,  
Andhra Pradesh-533433  
INDIA

## About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

## About the Department

The Department of CIVIL ENGINEERING is offering an undergraduate course (B.Tech) in CIVIL ENGINEERING and one post graduate course (M.Tech) in STRUCTURAL ENGINEERING. The B.Tech program was started in 2008 with an intake of 60.. The CIVIL department has more than 20 qualified and experienced faculty members. The Department has organized several symposiums; guest lectures and Workshops .The Department faculty are conducting their research work in STRUCTURAL DYNAMICS, ADVANCED CONCRETE TECHNOLOGY and ENVIRONMENTAL areas. They are encouraged to attend international and National conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences. The Department also conducts special classes for competitive exams like GATE, GRE, and TOEFL. Some of the students are pursuing PG Programmes in prestigious Institutions like Universities, NIT'S, and IIT'S

## Topics covered

- Deterioration of structures
- causes and prevention of damage
- damage types
- importance of maintenance
- various aspects of inspection
- corrosion inhibitor
- corrosion resistant steels
- Waterproofing
- Structural repair

## Organising Secretary:

**Mr. Chandra Sekhar Babu**  
Professor,  
CE Department, KITS, Divili





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Date: 21.02.2018

**PROGRAM REPORT**

**Name of the Program** : Two Weeks Certificate Program on “**Rehabilitation of Concrete Structures**”

**Date / Duration** : 05.02.2018 to 17.02.2018 (72 Hours)

**Resource Person** : Dr. R. Dayakar Babu, Professor, CE Department, KITS, Divili.  
Ph No:9398515186

**Name of Coordinator** : Mr. Chandra Sekhar Babu, Professor, CE Department, KITS, Divili

**Number of Participants:** 79

**Program Objectives** : The objectives of this program are

- To describe various forms of structural deterioration, structural distress, and damage mechanisms
- To comprehend the components of upkeep as well as the aspects of repair and restoration.

**Topics Covered** : The following topics were discussed in this certificate program

- Deterioration of structures
- causes and prevention of damage
- damage types
- importance of maintenance
- various aspects of inspection
- corrosion inhibitor
- corrosion resistant steels
- Waterproofing
- Structural repair

**Program Outcome** : The workshop is intended to facilitate the students to acquire Knowledge and information on understanding of the mechanisms that cause structures and behavior to deteriorate preliminary forensic evaluation of constructions made of degraded concrete.. This program will help the students to into the Modern Technologies.

  
Coordinator

  
HoD / Date





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**List of Enrolled Students**

Name of the Program: REHABILITATION OF CONCRETE STRUCTURES A.Y: 2017-18

Date: 05/02/2018

Department: CE

| S.NO | REGISTRATION NO | STUDENT NAME                | SIGNATURE          |
|------|-----------------|-----------------------------|--------------------|
| 1    | 14JQ1A0102      | BADUGU NAGAMANI             | B. Nagamani        |
| 2    | 14JQ1A0104      | GODUGU ARUNAKUMARI          | G. Arunakumari     |
| 3    | 14JQ1A0105      | GUNNAM AMARAVATHI           | G. Amravathi       |
| 4    | 14JQ1A0106      | KADABALA SATYAVATHI         | K. Satyavathi      |
| 5    | 14JQ1A0107      | KATAM SUDHAKARAREDDY        | K. Sudhakarareddy  |
| 6    | 14JQ1A0108      | KATUPALLI BUJJI             | K. Bujji           |
| 7    | 14JQ1A0111      | MARAM SUBBAREDDY            | M. Subbareddy      |
| 8    | 14JQ1A0113      | MORTHA RAMYA                | M. Ramya           |
| 9    | 14JQ1A0114      | MUCHIKA SEETHADEVI          | M. Seethadevi      |
| 10   | 14JQ1A0115      | PALAGADDA DHANUJA           | P. Dhanyu          |
| 11   | 14JQ1A0116      | PARAMATA KISHORE            | P. Kishore         |
| 12   | 14JQ1A0117      | PERISETTI VEERAPAVANKUMAR   | P. Veerapavankumar |
| 13   | 14JQ1A0118      | SAKETI GANESH               | S. Ganesh          |
| 14   | 14JQ1A0119      | SARIPIREDDI SURESH          | S. Suresh          |
| 15   | 14JQ1A0120      | SETTIKRUSHNA GANAPATHI      | S. Ganapathi       |
| 16   | 14JQ1A0121      | SUVVADA SANKARARAO          | S. Sankararao      |
| 17   | 14JQ1A0123      | YANDRAPU NAGARAJU           | Nagaraju           |
| 18   | 14JQ1A0126      | BSPS SAMBHAVI               | B. Sambhavi        |
| 19   | 14JQ1A0128      | BANDARUTRI VIKRAMRAMA ROHIT | B. V. Rohit        |
| 20   | 14JQ1A0129      | BONTHU SWATHI               | B. Swathi          |
| 21   | 14JQ1A0130      | JANNI LOKANADTH             | J. Lokanadth       |
| 22   | 14JQ1A0131      | K MAHESWARAREDDY            | K. Maheshwarareddy |
| 23   | 14JQ1A0134      | KOVVURI SANTHOSHI           | K. Santhoshi       |
| 24   | 14JQ1A0135      | M ROSIREDDY                 | M. Raja Reddy      |
| 25   | 14JQ1A0137      | NIROOPATI BANDALA           | N. Bandala         |
| 26   | 14JQ1A0139      | RVIJAYENDRA CHOWDARY        | R. Chowdary        |
| 27   | 14JQ1A0140      | YENDLURITAGORE CHOWDARY     | Y. Chowdary        |
| 28   | 14JQ1A0141      | POLIREDDI SIVAJI            | P. Sivaji          |
| 29   | 14JQ1A0142      | PASUPULETI VEERAPRASAD      | P. Veeraprasad     |
| 30   | 15JQ5A0101      | ALLAVARAPU SRIMANIDEEP      | A. Sri Manideep    |
| 31   | 15JQ5A0102      | BUDITHI MANIKUMAR           | B. Manikumar       |
| 32   | 15JQ5A0103      | CHILKA VIDYASAGAR           | C. Vidyasagar      |
| 33   | 15JQ5A0104      | DHAMMU PRAVEENKUMAR         | D. Praveenkumar    |
| 34   | 15JQ5A0105      | EEDURI RAMYA                | E. Ramya           |
| 35   | 15JQ5A0106      | GADI SIREESHA               | G. Sireesha        |
| 36   | 15JQ5A0107      | GORRELA GANGADHARARAO       | G. Gangadhararao   |
| 37   | 15JQ5A0110      | GUNI PALLIPRASAD            | G. Palliprasad     |
| 38   | 15JQ5A0111      | HADDUBANGI RATNAKUMAR       | H. Ratnakumar      |
| 39   | 15JQ5A0112      | INDU PURIPOLA               | I. Puripola        |
| 40   | 15JQ5A0113      | KAKA PRASADARAO             | K. Prasad Rao      |
| 41   | 15JQ5A0114      | KALASATYA PRASAD            | K. Prasada         |
| 42   | 15JQ5A0115      | KANDULA DEVI                | K. Devi            |
| 43   | 15JQ5A0116      | KARANAM SURYACHAKRA         | K. Chakra          |



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|    |            |  |                     |
|----|------------|--|---------------------|
| 44 | 15JQ5A0117 | KEERTHI SAROJA                         | K. Saroja           |
| 45 | 15JQ5A0118 | KILLADI NAGABABU                       | K. Nagababu         |
| 46 | 15JQ5A0119 | KOLLU DURGABHAVANI                     | K. Durga Bhavani    |
| 47 | 15JQ5A0120 | KOTIKALA PUDIMANIKANTA                 | K. Manikanta        |
| 48 | 15JQ5A0121 | KUKKARA SURESH                         | K. Suresh           |
| 49 | 15JQ5A0122 | MANEPALLI SIVANAGESWARARAO             | M. Sivanageswararao |
| 50 | 15JQ5A0123 | MOHAMMED HUSSAIN                       | M. Hussain          |
| 51 | 15JQ5A0124 | MUTCHERLA AVINASHKUMAR                 | M. Kumar            |
| 52 | 15JQ5A0125 | NADIPALLI NAVEENKUMAR                  | N. Naveen           |
| 53 | 15JQ5A0126 | NAKKA RAVIKUMAR                        | N. Ravikumar        |
| 54 | 15JQ5A0127 | NARAMSETTY KOTESWARARAO                | N. Koteswararao     |
| 55 | 15JQ5A0128 | PATNANA PRASAD                         | P. Prasad           |
| 56 | 15JQ5A0129 | PEDAPUDI<br>VVANJANINAGADINESHKUMAR    | V. Kumar            |
| 57 | 15JQ5A0130 | PENKEY MANIKANTA                       | P. Manikanta        |
| 58 | 15JQ5A0131 | PENUPOTHULA SURESH                     | P. Suresh           |
| 59 | 15JQ5A0132 | RAMISETTI SIVABHASKAR                  | R. Sobhaskar        |
| 60 | 15JQ5A0133 | RAVADA SAIKRISHNA                      | R. Sai Krishna      |
| 61 | 15JQ5A0134 | RUTTALAL SATHYANARAYANA                | R. Sathyanarayana   |
| 62 | 15JQ5A0135 | SARISSETTYDANIYELU                     | S. Anigantla        |
| 63 | 15JQ5A0136 | SRIMANTHULABABA DATTA<br>SAIRAGHAVARAO | S. Sairagha         |
| 64 | 15JQ5A0137 | SURLA APPALANAIDU                      | S. Appalanaidu      |
| 65 | 15JQ5A0138 | TAMARA NAESWARARAO                     | T. Nageswararao     |
| 66 | 15JQ5A0139 | TELU SATYANARAYANA                     | T. Sathyanarayana   |
| 67 | 15JQ5A0140 | THOTA DAYANANDA                        | T. Dayananda        |
| 68 | 15JQ5A0141 | THOTA RAJESH                           | T. Raju             |
| 69 | 15JQ5A0142 | ULLI MOHANRAO                          | U. Mohan Rao        |
| 70 | 15JQ5A0143 | ADINARAYANARA JUSAGI                   | A. Adhi             |
| 71 | 15JQ5A0144 | CHEELIS PRAVEENKUMAR                   | C. Praveenkumar     |
| 72 | 15JQ5A0145 | DEYYALA ARJUNARAO                      | D. Arjunarao        |
| 73 | 15JQ5A0146 | GORRELLA MANIKANTA                     | G. Manikanta        |
| 74 | 15JQ5A0147 | PATAMSETTI VARALAXMI                   | P. Varalakshmi      |
| 75 | 15JQ5A0148 | PAVAN KUMAR RS                         | P. Kumar            |
| 76 | 15JQ5A0149 | PUNNAPU VENKATA MANIKANTA              | P. V. Manikanta     |
| 77 | 15JQ5A0150 | SRINU DARMISETTI                       | S. Srinu            |
| 78 | 15JQ5A0151 | NAYUDU HARIBABU                        | N. Haribabu         |
| 79 | 13JQ1A0123 | KORRA BABULAL                          | B. Babulu           |

R. Panakula  
HoD