

Dr. Samuel George Institute of Engineering & Technology

Approved By AICTE, New Delhi & Affiliated to JNTUK, KAKINADA.
An ISO 9000 : 2001 Certified Institution



Phone : +918596-200064 (Off)
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Fax : +918596-223127

Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

List of Certificate / Add-on Programs

Academic Year: 2020-2021

S. No	Name of the Program	Duration of course	No. of Participants
1	A Two week Certificate program on Soil Exploration Methods	27.11.2020 to 11.12.2020	46
2	A Two Week certificate Programme on Tiles Manufacturing	28.11.2020 to 12.12.2020	53
3	A Two Week certificate Programme on Tunneling	03- 02-2020 to 15-02-2020	47
4	A Two Week Certificate Programme on INDUCTION MOTORS	14-08-2020 TO 27-08-2020	37
5	A Two Week Certificate Programme on Single PHASE TRANSFORMERS	14-08-2020 TO 27-08-2020	39
6	A Two Week Certificate Programme on measurement of Resistance	14-08-2020 TO 27-08-2020	46
7	A two week certificate program on Fundamentals of Automotive Systems	01-03-2021 to 13-03-2021	44
8	A two week certificate program on Recent Trends in IC Engines	08-02-2021 to 20-02-2021	48
9	A two week certificate program on Solid Works	12-10-2020 to 23-10-2020	54
10	A Two Week certificate Programme on PCB designing and Manufacturing	28-12-2020 TO 11-01-2021	93
11	A Two Week certificate Programme on Microprocessors and Its Applications	15-02-2021 to 28-02-2021	103
12	A Two Week certificate Programme on IOT Using Arduino	18-01-2021 to 01-02-2021	63
13	A Two Week certificate Programme on CRYPTO CURRENCY AND CYBER SECURITY	31-07-2020 to 13-08-2020	89
14	A Two Week certificate Programme on ARTIFICIAL INTELLIGENCE	17-08-2020 to 29-08-2020	87
15	A Two Week certificate Programme on ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY	31-08-2020 to 12-09-2020	78


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Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist

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College Code : 35

DATE: 20-11-2020

CIRCULAR

All the students of II B.Tech II-Sem Civil are hereby informed to attend the A two week Certificate program on **Soil Exploration Methods**. The Programme is scheduled from **27-11-2020 to 11-12-2020** and is delivered by **Mr. N. RUDRA SEKHAR REDDY**. He will deliver the valuable information on respective program. All the Students must participate and make your career enlightened.


Program Co-ordinator


HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523320 Prakasam(Dt.)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meets the global trends by imparting the values, ethics and true culture in technical education . It is the first Engineering College in Prakasam District Under the aegis of NCCSAI. The college is approved by AICTE. Now Delhi and College is approved by AICTE. New Delhi and affiliated to "JNTUK, Kakinada. The college was started with a Vision & Motto of " Discipline. Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The College campus is sprawling in 54Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps Internet (Airtel) leased line. The institute has well ratified and dedicated faculty to give quality education The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks.

Dr. B.R. Ambedkar, Sir.C.V.Raman, Sir. Visveswaraiyah, Dr.APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG Programs in Civil Engineering. The Civil Engineering Department having quality equipments, Tools and machinery as per given standards.

Department deals with Workshop, English Lab, Physics Lab, Chemistry Lab, Humanities, Survey Lab, Highway Lab, Geo Technical Lab, CAD

Lab, Seminar hall with projector and also maintaining computer systems.

All labs are attached with CCTV and wi-fi connectivity and safety precautions, alarm systems and also maintaining FRS (Facial Reorganization System) and also 24 hours Power supply by using generator, mineral water plant and continuous supply of water supply to the all labs and well trained technicians and also maintaining stock registers in all labs and also having full equipped library with capacity of more than 45000 books in various subjects.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S NARAYANA

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

DR. CH. RAJABABU

Head of the Department

CIVIL ENGINEERING

VENUE

Offline Platform, seminar hall

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MARKAPUR-523 316,Prakasam Dist



DR. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

SOIL EXPLORATION METHODS

28-11-2020 TO 12-12-2020

CO-ORDINATOR

R. RAMA KRISHNA RAO

Department of
CIVIL ENGINEERING

ORGANIZED BY

Department of
CIVIL ENGINEERING

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,

TARGET AREAS

- ◆ Soil Exploration Methods – Selection
- ◆ Design.
- ◆ Investigation Reports.
- ◆ Loading, Type of Structure.
- ◆ Tools, Equipment and machinery Selection.
- ◆ Code

REGISTRATION DETAILS

- ◆ There is no **Registration Fee** for the Program.
- ◆ Registration for the Program can be done using the **Registration Form**.
- ◆ All the II B.Tech I-Sem Civil Students are requested to register the Certificate Program before two days by using Registration form.
- ◆ Particulars will get the Participation Certificate after completion of program.

REGISTRATION FORM A TWO WEEK CERTIFICATE PROGRAMME ON “SOIL EXPLORATION METHODS”

27-11-2020 TO 11-12-2020

Student Name:

Father Name:

Roll No:

Mobile No:

Course:

Department:

Organization:

Address for Communication:

Email ID:
(G-Mail Preferably)

AUTHORIZATION CERTIFICATE

Ms/Mr/Dr.....
is an student of our college/institution and is hereby permitted to attend A Two Week Certificate Program on **SOIL EXPLORATION METHODS** Dept of Civil Engineering , Dr. Samuel George Institute of Engineering and Technology.

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program. I shall attend the program for the entire duration .I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A Two Week Certificate Program on **SOIL EXPLORATION METHODS**” Department of Civil Engineering.

Dr. Samuel George Institute of Engineering and Technology

Mail ID: sgiticivil@gmail.com

Phone. No: 8125617265


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College Code : 35

SCHEDULE

Title of the Programme: A Two Week Certificate Programme on Soil Exploration Methods

Faculty Name: Mr. N. Rudra Sekhar Reddy.

Academic Year: 2020-2021

27-11-2020	Introduction
28-11-2020	Stages of Exploration – Reconnaissance, preliminary Survey, Detailed Survey
30-11-2020	Methods of Sub Surface Exploration – Indirect Methods, Semi Direct, Direct Methods
01-12-2020	Direct Methods-Boring, Auger, Shell and Auger, Rotary Drilling, Percussion Drilling.
02-12-2020	Continuous Sampling
04-12-2020	Semi Direct Methods-Boring and soundings
05-12-2020	Sampling and Types of Sampling –Disturbed, Representative , Un Disturbed
07-12-2020	Soundings-Standard Penetration Test, Dynamic Cone Penetration Test, Static Cone Penetration Test.
08-12-2020	Number of Spacing and Depth of Bore holes
09-12-2020	Field tests-Plate load test, pressure meter Test
10-12-2020	Site investigation Report- introduction, Descriptive, interpretation of test
11-12-2020	Design of Foundations, Recommendation of Foundations

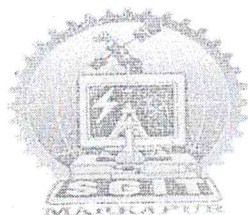

Program Co-ordinator


HOD OF CIVIL

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College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2020-2021

Course Name: A Two weeks Certificate program on Soil Exploration Methods

Schedule: 27.11.2020 to 11.12.2020

Year: II B.Tech

List of students Enrolled/Completed: 46/41

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	19351A0101	G. ANIL	G. Anil
2	19351A0102	G. ANJALI DEVI	G. Anjali devi
3	19351A0103	M. BRAHMA RAMA KRISHNA	M. Brahma Rama Krishna
4	19351A0104	K. CHAITHANYA	K. Chaithanya
5	19351A0105	P. CHANDRAVAMSI	P. Chandra Vamsi
6	19351A0106	K. CHINNA GOPI	K. Chinna gopi
7	19351A0107	J. DEVENDRA	J. Devendra
8	19351A0108	T. DINESH KUMAR	T. Dinesh Kumar
9	19351A0109	B. DIVYA JYOTHI	B. Divya jyothi
10	19351A0111	SD. FAIZULLA	SD. Faizulla
11	19351A0113	N. KALYAN KUMAR	N. Kalyan Kumar
12	19351A0114	N. KUMARI	N. Kumari
13	19351A0115	M. LALLUJASMINE	M. Lallujasmine
14	19351A0116	P. MADHU BABU	P. Madhu Babu
15	19351A0117	Chekuri. MAHESH	C. mahesh
16	19351A0118	P. MAHESH BABU	P. Mahesh Babu
17	19351A0119	D. MULLAR	D. mullar
18	19351A0120	SK. MUTHUJAVALI	Sk. Muthujavali
19	19351A0121	M. NADIYA	M. Nadiya
20	19351A0122	B. NAGARAJU	B. Nagaraju
21	19351A0123	S. NAVEEN KUMAR	S. naveen Kumar
22	19351A0124	J. PRANAY KUMAR	J. Pranay Kumar
23	19351A0125	Y. PREETHI	Y. Preethi
24	19351A0126	V. RAGHU RAMI REDDY	V. Raghu Rami Reddy
25	19351A0127	G. RAJA SEKHAR YADAV	G. Raja Sekhar Yadav
26	19351A0128	CH. RAMA KRISHNA REDDY	Ch. Ramakrishna Yadava Reddy
27	19351A0129	G. RAVI TEJA	G. Ravi Teja
28	19351A0130	SK. RIHANA	Sk. Rihana
29	19351A0131	G. RISHITHA	G. Rishitha
30	19351A0132	P. SAMUEL RAJU	P. Samuel Raju
31	19351A0133	G. SANJAY KUMAR	G. Sanjay Kumar
32	19351A0134	SK. SHAMEER	Sk. Shamam
33	19351A0135	M. SHILPA	M. Shilpa
34	19351A0136	J. SIREESHA	J. Sireesha
35	19351A0137	Y. SONIYA	Y. Soniya
36	19351A0138	U. SRIDEVI	U. Sridevi
37	19351A0139	SK. SUBANI	Sk. Subani
38	19351A0140	N. SUVARNARAJU	N. Suvarna Raju
39	19351A0141	Y. VAISHALI	Y. Vaishali
40	19351A0142	Kondra. VENKATESWARLU	K. Venkateswarlu
41	19351A0143	M. WILLIAM KERI	M. William Keri

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42	20355A0101	SK. AKBAR ALI	SK AKBAR ALI
43	20355A0102	R. HARINATH REDDY	R. Harinath Reddy
44	20355A0103	CH. RAJESH	Ch. Rajesh.
45	20355A0104	Z. RAMESH	Z. Ramesh
46	20355A0105	M. SUNDARAM	M. SunDAR am

Programme Coordinator
N. N. Reddy

aseel
HOD OF CIVIL
Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523320 Prakasam(Dt)

K. V. S.
PRINCIPAL

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MARKAPUR-523 316,Prakasam

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College Code : 35

PROGRAMME REPORT

Name of the Program : A two week Certificate program
on **Soil Exploration Methods**

Schedule of Program : 27-11-2020 to 11-12-2020

Venue : Seminar Hall

Organized by : Dept. of Civil

Faculty : N. Rudra Sekhar Reddy

Designation : Asst. Professor

Number of Participants : 46

Objectives of The Course are:

- Cost, Economical.
- Purpose ,Type of Structure
- Selection of Soil Exploration Method.
- Consideration of Water Table.
- Soil Classification and Analysis.
- Strength Parameters.
- Select Method of Construction- Foundations.
- Load Conditions, Load Applications,
- Modifying Technology
- Soil Strength Improving Techniques, Type of Structure and Code.

Topic Covered:

Introduction - Stages, Method of Sub-Surface Exploration, Exploration Methods-
Selection.
Design Parameters as per loads, Test Conditions - Results. Investigations-improving
techniques.
Selection of foundations-types.

Out Comes of the Course:

- Soil Exploration Methods.
- Design
- Investigation Reports.
- Loading, Type of Structure.
- Tools, Equipment and machinery Selection.
- Codes.

Program Co-ordinator

HOD OF CIVIL

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College Code : 35

CIRCULAR

Date: 21-11-2020

All the students of III B.Tech II-Sem Civil are hereby informed to attend a two week Certificate Programme on **TILES MANUFACTURING**. The Programme is scheduled from **28-11-2020 to 12-12-2020** and is delivered by **Mr.R.RAMA KRISHNA RAO**, Associate Professor of Civil Engineering. He will deliver the valuable information of the respective program. All the Students must participate and make your career enlightened.


Program Coordinator


HOD OF CIVIL

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The College campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps Internet (Airtel) leased line. The institute has well ratified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks.

Dr. B.R. Ambedkar, Sir.C.V.Raman, Sir. Visveswaraiah, Dr.APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG Programs in Civil Engineering. The Civil Engineering Department having quality equipments, Tools and machinery as per given standards.

Department deals with Workshop, English Lab, Physics Lab, Chemistry Lab, Humanities, Survey Lab, Highway Lab, Geo Technical Lab, CAD

Lab, Seminar hall with projector and also maintaining computer systems.

All labs are attached with CCTV and wi-fi connectivity and safety precautions, alarm systems and also maintaining FRS (Facial Reorganization System) and also 24 hours Power supply by using generator, mineral water plant and continuous supply of water supply to the all labs and well trained technicians and also maintaining stock registers in all labs and also having full equipped library with capacity of more than 45000 books in various subjects.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S NARAYANA

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

DR. CH. RAJABABU

Head of the Department

CIVIL ENGINEERING

VENUE

Online Zoom

Platform

Done

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OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist



DR. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

TILES MANUFACTURING

28-11-2020 TO 12-12-2020

CO-ORDINATOR

R. RAMA KRISHNA RAO

Department of
CIVIL ENGINEERING

ORGANIZED BY

Department of
CIVIL ENGINEERING

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,

Markapur-523316.

TARGET AREAS

- ◆ Importance of Tiles.
- ◆ Design Aspects
- ◆ Load Conditions
- ◆ Different Layers Formations
- ◆ Strength Parameters.
- ◆ Construction procedure as per NHC

REGISTRATION DETAILS

- ◆ There is no **Registration Fee** for the Program.
- ◆ Registration for the Program can be done using the **Registration Form**.
- ◆ All the III B.Tech I-Sem Civil Students are requested to register the Certificate Program before two days by using Registration form.
- ◆ Particulars will get the Participation Certificate after completion of program.

REGISTRATION FORM A TWO WEEK CERTIFICATE PROGRAMME ON “TILES MANUFACTURING”

28-11-2020 TO 12-12-2020

Student Name:

Father Name:

Roll No:

Mobile No:

Course:

Department:

Organization:

Address for Communication:

Email ID:
(G-Mail Preferably)

AUTHORIZATION CERTIFICATE

Ms/Mr/Dr.....
is an student of our college/institution and is hereby permitted to attend A Two Week Certificate Program on **TILES MANUFACTURING** Dept of Civil Engineering , Dr. Samuel George Institute of Engineering and Technology.

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program. I shall attend the program for the entire duration .I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US


The Co-ordinator

“A Two Week Certificate Program on **TILES MANUFACTURING**” Department of Civil Engineering.

Dr. Samuel George Institute of Engineering and Technology

Mail ID: sgitcivil@gmail.com

Phone. No: 8125617265


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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Programme : A Two Week Certificate Programme on TILES MANUFACTURING

Faculty Name: Mr.R.RAMA KRISHNA RAO

Academic Year: 2020-21

28-11-2020	Introduction
01-12-2020	Manufacturing of Tiles
02-12-2020	Types of Tiles- Plain, Hip, Pan, Spanish, Italian, Ridge.
03-12-2020	Flat Terracing, Ceiling Tiles, Flooring Tiles.
04-12-2020	Fire Clay, Terra Cotta
05-12-2020	Tests on Tiles- Transverse Strength, Water Absorption Test, Break Strength Test
06-12-2020	Uses and advantages
08-12-2020	Characteristics of Tiles
09-12-2020	Applications
10-12-2020	Specifications
11-12-2020	Dimensions of Tiles
12-12-2020	Gallery – Feedback.

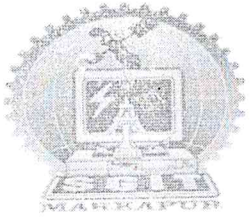

Program Coordinator


HOD OF CIVIL

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drsgit_35@yahoo.co.in

College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2020-2021

Course Name: A Two Weeks Programme on Tiles Manufacturing

Schedule: 28.11.2020 to 12.12.2020

Year: III B.Tech

List of students Enrolled/Completed: 53/48

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	18351A0101	P. ANKAMMARAO	P. Ankammarao
2	18351A0102	P. BHANU TEJA	P. Bhanu Teja
3	18351A0103	V. DIVYA	V. Divya
4	18351A0104	G. GANGARAJU	G. Gangaraju
5	18351A0105	K. GIRI BABU	K. Giribabu
6	18351A0106	H. HARINATH	H. Harinath
7	18351A0108	M. KASAI AH	M. Kasai Ah
8	18351A0109	M. KASI VISWANADH	M. Kasi Viswanadh
9	18351A0110	P. KHAJA	P. KHAJA
10	18351A0111	N. KOUSALYA	N. Kousalya
11	18351A0112	Y. LAKSHMAIAH	Y. Lakshmaiah
12	18351A0113	B. LINGA MURTHI	B. Linga Murthi
13	18351A0114	M. NAGESH	M. Nagesh
14	18351A0115	R. NARESH	R. Nares
15	18351A0116	K. PRABHU DAS	K. Prabhu Das
16	18351A0117	U. PRAVEENKUMAR	U. Praveenkumar
17	18351A0118	M. RAGHAVENDRA	M. Raghavendra
18	18351A0119	V. RAMESH	V. Ramesh
19	18351A0120	CH. RANGALAKSHMI	Ch. Ranga Lakshmi
20	18351A0121	B. RANGANAYAKULU	B. Ranganayakulu
21	18351A0122	S. ROHITKUMAR RAJU	S. Rohitkumar Raju
22	18351A0123	M. SAGAR RAVI KIRAN REDDY	M. Sagar Ravi Kiran Reddy
23	18351A0124	P. SAI SRINIVASA REDDY	P. Sai Srinivasa Reddy
24	18351A0125	E. SATHISH GOUD	E. Sathish Goud
25	18351A0126	P. SATYANARAYANA	P. Satyanarayana
26	18351A0127	S. SIVAREDDY	S. Sivareddy
27	18351A0128	CH. SOUMYA	Ch. Soumya
28	18351A0129	M. SOWNDARIYA	M. Sowndariya
29	18351A0130	CH. SREEKANTH	Ch. Sreekanth
30	18351A0131	P. SREENIVASULU	P. Sreenivasulu
31	18351A0132	R. SRINU	R. SRINU
32	18351A0133	K. SUBBA REDDY	K. Subba Reddy
33	18351A0134	T. SURENDRA BABU	T. Surendra Babu
34	18351A0135	P. THIRUMALESWARA REDDY	P. Thirumaleswara Reddy
35	18351A0136	G. THIRUPATHAMMA	G. Thirupathamma
36	18351A0137	P. THREEVENI	P. Threeveni
37	18351A0138	K. TIRUPATHI RAO	K. Tirupathi Rao
38	18351A0139	K. UMESH CHANDRA	K. Umesh Chandra
39	18351A0140	P. UMESWARI	P. Umeswari
40	18351A0141	B. VAMSI	B. Vamsi
41	18351A0142	R. VAMSI	R. Vamsi

Dr. Samuel George Institute of Engineering & Technology

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An ISO 9000 : 2001 Certified Institution



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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

42	18351A0143	V. VAMSI PRASAD	V. Vamsi Prasad
43	18351A0144	B. VENKATA SIVA RAMI REDDY	B. Venkata Siva Rami Reddy
44	18351A0145	Y. VICTOR IMMANYEL	Y. VICTOR IMMANYEL
45	18351A0146	D. VIDYULLATHA	D. Vidyullatha
46	18351A0147	T. VISHNU	T. Vishnu.
47	18351A0148	SK. YASIN BASHA	SK. Yasin Basha
48	19355A0101	M. BHAVANI	M. Bhavani
49	19355A0102	P. MANASA	P. Manasa
50	19355A0103	M. SAI KUMAR	
51	19355A0104	P. SIVA NARAYANA	P. Siva Narayana.
52	19355A0105	T. SURYA	T. SURYA
53	19355A0106	P. THARAKA ANISH KUMAR	P. Tharaka Anish Kumar

R.K.R.

Programme Coordinator

A.K.B.

HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523320 Prakasam(D.D)

K.V.S.

PRINCIPAL

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

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College Code : 35

PROGRAMME REPORT

Name of the Program	: A two week Certificate Programme on TILES MANUFACTURING
Schedule of Program	: 28-11-2020 to 12-12-2020
Venue	: Seminar Hall
Organized by	: Dept. of Civil
Faculty	: R.RAMA KRISHNA RAO
Designation	: Assoc. Professor of Civil Engg
Number of Participants	: 53

Objectives of the Course are:

- Purpose, Raw materials are used
- Colour, Shape, Surface Appearance
- Size and dimensions
- Resistance to Acid and Alkanity
- Temperature Resistance
- Thermal Resistance
- Uses

Topic Covered:

Introduction – Manufacturing of tiles, Types of Tiles, - plain, Hip, Pan, Spanish, Italian, Ridge etc.
Flat Terracing, Ceiling, Tiles, and Flooring tiles

Fire Clay, Terra cotta

Tests on Tiles-Transverse strength, Water absorption, Break strength test, uses and advantages,
Characteristics of tiles, applications, specifications, dimensions, gallery-Feedback

Out Comes of the Course:

- Importance of Tiles
- Design Aspects
- Load Conditions
- Different layers formations
- Strength parameters
- Construction procedures as NHC


Program Coordinator


HOD OF CIVIL

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE : 25-01-2021

All the students of IV B.Tech II-Sem Civil are hereby informed to attend the A two week Certificate programme on **Tunneling**. The Programme is scheduled from 03-02-2021 to 15-02-2021 and delivered by **Dr. Y Eswara Rao Professor of Civil**. He will deliver the valuable information on respective program. All the Students must participate and make your career enlightened.

Program Co-ordinator

HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR - 523320, Prakasam (Dist)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meets the global trends by imparting the values, ethics and true culture in technical education . It is the first Engineering College in Prakasam District Under the aegis of NCCSAI. The college is approved by AICTE. Now Delhi and College is approved by AICTE. New Delhi and affiliated to "JNTUK, Kakinada. The college was started with a Vision & Motto of " Discipline. Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The College campus is sprawling in 54Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps Internet (Airtel) leased line. The institute has well ratified and dedicated faculty to give quality education The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks. Dr. B.R. Ambedkar, Sir.C.V.Raman, Sir. Visveswaraiah, Dr.APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG Programs in Civil Engineering. The Civil Engineering Department having quality equipments, Tools and machinery as per given standards.

Department deals with Workshop, English Lab, Physics Lab, Chemistry Lab, Humanities, Survey Lab, Highway Lab, Geo Technical Lab, CAD

Lab, Seminar hall with projector and also maintaining computer systems.

All labs are attached with CCTV and wi-fi connectivity and safety precautions, alarm systems and also maintaining FRS (Facial Reorganization System) and also 24 hours Power supply by using generator, mineral water plant and continuous supply of water supply to the all labs and well trained technicians and also maintaining stock registers in all labs and also having full equipped library with capacity of more than 45000 books in various subjects.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S NARAYANA

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

DR. CH. RAJABABU

Head of the Department

CIVIL ENGINEERING

VENUE

Offline Platform, seminar hall



DR. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

TUNNELING

03-02-2020 TO 15-02-2020

CO-ORDINATOR

Dr. Y. Eswara RAo

Department of
CIVIL ENGINEERING

ORGANIZED BY

Department of
CIVIL ENGINEERING

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,

Markapur-523316.

ksr
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

TARGET AREAS

- ◆ Tunnel Shape
- ◆ Methods of Tunneling Excavation
- ◆ Soil and Rock Classification
- ◆ Drilling Methods
- ◆ Drainage Conditions
- ◆ Ventilation, Dust Prevention, Lighting
- ◆ Escaping Tunnel

REGISTRATION DETAILS

- ◆ There is no **Registration Fee** for the Program.
- ◆ Registration for the Program can be done using the **Registration Form**.
- ◆ All the IVB.Tech II-Sem Civil Students are requested to register the Certificate Program before two days by using Registration form.
- ◆ Particulars will get the Participation Certificate after completion of program.

REGISTRATION FORM A TWO WEEK CERTIFICATE PROGRAMME ON "TUNNELING"

03-02-2020 TO 15-02-2020

Student Name:

Father Name:

Roll No:

Mobile No:

Course:

Department:

Organization:

Address for Communication:

Email ID:
(G-Mail Preferably)

AUTHORIZATION CERTIFICATE

Ms/Mr/Dr.....
is an student of our college/institution and is hereby permitted to attend A Two Week Certificate Program on **TUNNELING** Dept of Civil Engineering , Dr. Samuel George Institute of Engineering and Technology.

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program. I shall attend the program for the entire duration .I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

"A Two Week Certificate Program on
"TUNNELING" Department of Civil Engineering.
**Dr. Samuel George Institute of
Engineering and Technology**

Mail ID: sgitcivil@gmail.com

Phone. No: 8125617265

Samuel
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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE


Title of the Program: A Two Week Certificate Programme on Tunneling

Faculty Name: Dr. Y Eswara Rao

Academic Year: 2020-21

03-02-2021	INTRODUCTION-General Aspects – Shape of the Tunnel
04-02-2021	Soil and Rock Classification and Tunneling Methods
05-02-2021	Tunneling in Soft Soils
06-02-2021	Compressed Air – Tunneling in different type of soils
07-02-2021	Tunneling in Rock
08-02-2021	Drilling
10-02-2021	Shafts
11-02-2021	Tunnel lining- Design of Thickness of lining,
12-02-2021	Drainage of Tunnels
13-02-2021	Tunnel Ventilation – Parallel Tunneling (Escape Tunnel)
14-02-2021	Dust Prevention
15-02-2021	Lighting

Program Co-ordinator


HOD OF CIVIL
Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
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MARKAPUR-523320, Prakasam(DT)

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College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2020-2021

Course Name: A Two Weeks Programme on Tunneling

Schedule: 03-02-2021 to 15-02-2021

Year: IV B.Tech

List of students Enrolled/Completed: 47/43

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	17351A0101	G. AMARNADHA REDDY	G. Amarnadha Reddy
2	17351A0102	D. ANIL	D. Anil
3	17351A0103	M. ANJALI	M. Anjali
4	17351A0104	P. ANUSHA	P. Anusha
5	17351A0105	J. BALU NAIK	J. Balu Naik
6	17351A0106	G. CHAKRAVARTHI	G. Chakravarthi
7	17351A0107	P. CHAKRAVARTHI	P. Chakravarthi
8	17351A0108	M. CHANDRA SEKHAR NAIK	M. chandra sekhar Naik
9	17351A0109	Y. CHELSIYA SHINEY	y. chelsiya shiney
10	17351A0110	K. CHINNA GOPI	K. chenna Gopi
11	17351A0111	B. CHINNA VENKATA CHENNAIAH	B. Chinna Venkata Chennaiyah
12	17351A0113	V. DILEEF KUMAR	V. dileef kumar
13	17351A0114	K. DINESH	K. Dinesh
14	17351A0115	M. EMMANIYELU	M. Emmaniyelu
15	17351A0117	D. HARINI	D. Harini
16	17351A0118	P. JYOTHI	P. Jyothi
17	17351A0119	A. KAMALAKAR	A. Kamalakor
18	17351A0120	A. KRUPARAO	A. Kruparao
19	17351A0121	U. MAHESH BABU	U. Mahesh Babu
20	17351A0123	S. NANI	S. Nani
21	17351A0124	D. NAVEEN	D. Naveen
22	17351A0125	V. PEDDA VEERAIHAH	V. Pedda Veeraiyah
23	17351A0126	M. PRAVEEN KUMAR NAIK	M. Praveen Kumar Naik
24	17351A0127	M. RAJESH KUMAR	M. Rajesh. Kumar
25	17351A0128	A. RAMANJI REDDY	A. RAMANJI Reddy
26	17351A0129	K. RAMBABU	K. Rambabu
27	17351A0130	P. RAVI KUMAR	P. Ravi Kumar
28	17351A0132	V. SATYA SAI LOKESWARA REDDY.	V. Satya sai Lokeshwara Reddy
29	17351A0133	S. SHIVA NAGESWARA RAO	S. Shiva Nageswara Rao
30	17351A0135	S. SIVA RAMAKRISHNA	S. Siva Ramakrishna
31	17351A0137	T. SNEHALATHA	T. Snehalatha
32	17351A0138	G. SOWMYA LIKHITHA	G. Sowmya Likhitha
33	17351A0139	B. SRAVANI	B. Sravani
34	17351A0140	J.M. SREEDEVI	J.M. sreedevi
35	17351A0141	V. SUBBA RAO	V. subba Rao
36	17351A0145	N. VENKATA KRISHNA SAI REDDY	N. Venkata Krishna Sai Reddy
37	17351A0146	B. VENKATA RAJAMMA	B. Venkata Rajamma
38	17351A0147	V. VENKATA SIVA	V. Venkata Siva
39	17351A0148	P. VIJAY KUMAR	P. Vijay Kumar
40	17351A0149	M. YEHOSHUVA	M. yehoshuva
41	18355A0103	CH. MADHU BABU	CH. Madhu Babu

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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

42	18355A0104	CH. MAHESH	Ch. Mahesh
43	18355A0105	A. NAVEEN KUMAR	A. Naveen kumar
44	18355A0106	G. PRASHANTH GOUD	G. PRASHANTH GOUD
45	18355A0108	M. RAMESH	M. Ramesh.
46	18355A0110	M. SHANTHI VARDHAN	M. shanthe vardhan
47	18355A0112	B. VINOD KUMAR	B. VINOD kumar.

km
Programme Coordinator

Q. N. S.
HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523320 Prakasam(DR)

K. V. S.
PRINCIPAL
PRINCIPAL
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MARKAPUR-523 316,Prakasam Dist.

Dr. Samuel George Institute of Engineering & Technology



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drsgit_35@yahoo.co.in

College Code : 35

PROGRAMME REPORT

Name of the Program : A two week Certificate programme on **Tunneling**
Schedule of Program : 03-02-2021 to 15-02-2021.
Venue : Seminar Hall
Organized by : Dept. of Civil
Faculty : Dr. Y Eswara Rao
Designation : Professor of Civil Engineering
Number of Participants : 47

Objectives of The Course are:

- ❖ To Know about Tunnel Excavation Methods.
- ❖ Purpose.
- ❖ Facilities inside Tunnel
- ❖ Safety Precautions
- ❖ Economical

Topic Covered:

Introduction - General Aspects - Shape, soil and Rock Classification and Tunneling Methods, Tunneling in soft soil.
Compressed Air- Tunneling in Different types of Soils Tunneling in Rock. Drilling: Shafts, Tunneling-Design of Thickness of lining, Drainage of Tunnels, Tunnel Ventilation-Parallel Tunneling, Dust Prevention Lighting.

Out Comes of the Course:

- ❖ Tunnel Shape
- ❖ Methods of Tunneling Excavation
- ❖ Soil and Rock Classification
- ❖ Drilling Methods
- ❖ Drainage Conditions
- ❖ Ventilation , Dust Prevention, Lighting.

[Signature]
Program Co-ordinator

[Signature]
HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
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MARKAPUR - 523 320, Prakasam (Dist), A.P.

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 09-08-2020

All the students of **II B Tech EEE** are hereby informed to attend "a two week Certificate Program on induction motors". And the Programming scheduled during from **14-08-2020 to 27-08-2020** by **Mr.M.VENKATESWARLU**. He will deliver the valuable information on Respective program. All the students must participate and make your career enlighten.


Programme Coordinator


HOD OF EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., (A.P.)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

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Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The UG- intake is 30 and PG-intake is 24 Diploma intake is 60. The Department of EEE is established in 1997. state-of-the-art labs viz., Electrical Machines-I Lab, Electrical Machines-II Lab, Control System Lab, Power Electronics Lab, Power Systems Lab, Electrical Circuits Lab, Electrical Measuring Instruments Lab, Electrical Simulation lab, Engineering. Power Converters Lab

A large number of activities are conducted regularly under these student

and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

K.V.S NARAYANA

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

M.VENKATESWARLU

Head of the Department

Electrical & Electronics
Engineering

VENUE

Online Zoom Platform.


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr.SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"INDUCTION MOTORS"

14-08-2020 TO 27-08-2020

CO-ORDINATOR

M.VENKATESWARLU

Department of

Electrical & Electronics
Engineering

ORGANIZED BY

Department of

Electrical & Electronics
Engineering

Dr.Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,

Markapur - 523 320

TARGET AREAS

Induction motors.

Production of Rotating Magnetic field.

Construction of Induction Motors.

Stator

Rotor

Principle of working.

Can Rotor Speed $N = NS$?

Slip Speed and Slip.

Effect of Slip on Rotor Parameters.

Rotor frequency .

Rotor Reactance , Resistance , and Impedance.

Rotor Current and Power Factor.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech ECE students are requested to register the Certification program before two days by using Registration .
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM


A Two week Certificate Programme

On

“INDUCTION MOTORS”

14-08-2020 TO 27-08-2020

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:
(G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____

is a student of our college/ institution and is hereby permitted to attend the A two week certificate programme on induction motors at Dept of Electronics and communication Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A two week certificate programme on “ induction motors ” Dept of Electronics and communication Engineering

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: EEEHOD@GMAIL.COM
PHONE. NO: 9966300632

Dr. Samuel George Institute of Engineering & Technology

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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: a two week Certificate Program on induction motors **Year:II**
Faculty Name: Mr. M.VENKATESWARLU **Academic Year:** 2020-2021

14-08-2020	Induction motors.
7-08-2020	Production of Rotating Magnetic field.
18-08-2020	Construction of Induction Motors.
19-08-2020	Stator
20-08-2020	Rotor
21-08-2020	Principle of working.
22-08-2020	Can Rotor Speed $N = NS$?
24-08-2020	Slip Speed and Slip.
25-08-2020	Effect of Slip on Rotor Parameters.
26-08-2020	Rotor frequency .
27-08-2020	Rotor Reactance , Resistance , and Impedance.


Programme Coordinator


HOD OF EEE

HEAD OF THE DEPARTMENT
Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam D.L., A.P.

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drsgit_35@yahoo.co.in

College Code : 35

Department: EEE

Academic Year: 2020-21

Name of the Program: a two week Certificate Program on induction motors

List of students Enrolled/Completed: 37

S.NO	H.T. NUMBER	NAME OF THE CANDIDATE	SIGNATURES
1.	17351A0235	T.VISHNU	T. Vishnu
2.	19351A0201	P.ANAND	P. Anand
3.	19351A0202	M.ANJINAPPA	M. ANJINAPPA
4.	19351A0203	K.DIVYA	K. DIVYA
5.	19351A0204	K.GNANESH REDDY	K. Gnanesh Reddy
6.	19351A0206	Y.JANARDHANA	Y. Janardhana
7.	19351A0207	D.KESHAVARANI	D. KeshavRani
8.	19351A0208	SK.KHAJAVALI	SK. Khajavali
9.	19351A0209	J.LAKSHMIVARDHAN REDDY	J. Lakshmi Vardhan Reddy
10.	19351A0210	D.MALIK	D. Malik
11.	19351A0211	M.MANSOOR ALI	M. Mansoor Ali
12.	19351A0212	SK.NABIRASOOL	SK. Nabi Rasool
13.	19351A0213	B.NAGATRIVENI	B. Nagatriveni
14.	19351A0214	B.PRATHEESH	B. PRATHEESH
15.	19351A0215	S.PRIYA MEGHANA REDDY	S. Priya Meghana Reddy
16.	19351A0217	K.RAJA SAI	K. Raja Sai
17.	19351A0218	S.RAJ KUMAR	S. Raj Kumar
18.	19351A0219	B.RENUKA	B. Renuka
19.	19351A0220	E.SATHYAM	E. SATHYAM
20.	19351A0221	P.SHYAM CHAND	P. Sathyam Chand
21.	19351A0222	SK.SOCIEN ASIFA	SK. Socien Asifa
22.	19351A0223	I.SRINIVASA REDDY	I. Srinivasa Reddy
23.	19351A0224	J.SRINIVASA REDDY	J. Srinivasa Reddy
24.	19351A0225	G.SUNEEL KUMAR	G. Suneel Kumar
25.	19351A0226	CH.THIRUMALESH	Ch. Thirumalesh
26.	19351A0227	M.VIJAYA RAJU	M. VIJAYA RAJU
27.	19351A0228	P.YEHOSHUVA	P. Yehoshuva
28.	20355A0201	D.AHILA	D. AHILA
29.	20355A0202	SK.ASIF	SK. ASIF
30.	20355A0203	J.DINAKAR	J. Dinakar
31.	20355A0204	A.GANESH REDDY	A. GANESH REDDY
32.	20355A0205	P.MADHU SEKHAR	P. Madhu Sekhar
33.	20355A0206	P.PRIYANAKA	P. PRIYANAKA
34.	20355A0207	M.RANGA REDDY	M. Ranga Reddy
35.	20355A0208	M.SURESH	M. Suresh
36.	20355A0209	S.V.RAMI REDDY	S.V. Rami Reddy
37.	20355A0210	SK.YASAR	SK. YASAR

Programme Coordinator

HOD OF EEE

HEAD OF DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 016, Kakati R.



Phone : +918596-200064 (Off)
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Fax : +918596-223127

Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Program on induction motors
Schedule of program : 14-08-2020 to 27-08-2020
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr.M.Venkateswarlu
Designation : Associate proffeser
Number of Participants : 37

Objectives of this Course are:

The participants will be introduced to


1. Three phase Induction Motors.
2. Effect of Slip On Rotor Parameters.

Learning Outcomes

After going through this course the student will be able to

- Losses in an Induction Motors.
- Power Transfer Stages.
- Relation between Rotor input , Rotor copper losses and rotor output.


Programme Coordinator


HOD OF EEE
HEAD OF DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., (A.P.)

Dr. Samuel George Institute of Engineering & Technology

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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 09-08-2020

All the students of **III B Tech EEE** are hereby informed to attend "a two week Certificate Program on Single phase transformers". And the Programming scheduled during from **14-08-2020 to 27-08-2020** by **Mr.Y.YEDUKONDALU** He will deliver the valuable information on Respective program. All the students must participate and make your career enlighten.

Y. Yedukondalu
Programme Coordinator

Y. Yedukondalu
HOD OF EEE
HEAD OF DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., (A.P.)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100 Mbps internet (Airtel) leased line. The institute has well-staffed and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-art equipment. It has monumental blocks
Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs with diploma, UG & PG programs in Electrical & Electronics Engineering.

The UG- intake is 30 and PG-intake is 24 Diploma intake is 60. The Department of EEE is established in 1997. state-of-the-art labs viz., Electrical Machines-I Lab, Electrical Machines-II Lab, Control System Lab, Power Electronics Lab, Power Systems Lab, Electrical Circuits Lab, Electrical Measuring Instruments Lab, Electrical Simulation lab, Engineering. Power Converters Lab

and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, XILLINX, Mentor Graphics, etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. K. V. S. NARAYANA

Principal

PATRON

PROF. CH. RAJA BABU

Vice Principal

CONVENOR

M. VENKATESWARLU

Head of the Department

**Electrical & Electronics
Engineering**

VENUE

Online Zoom Platform
PRINCIPAL
DR. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr.SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"Single phase transformers"

14-08-2020 TO 27-08-2020

CO-ORDINATOR

Y. YEDUKONDALU

Department of

**Electrical & Electronics
Engineering**

ORGANIZED BY

Department of

**Electrical & Electronics
Engineering**

**Dr. Samuel George Institute of
Engineering & Technology,**
Affiliated to JNTUK,

MARKAPUR-523 320

TARGET AREAS

Define Transformers and Explain its Working principle

Classify the transformers based on no of phases.

Classify the transformers based on no of construction.

Classify the transformers based on no of Function.

Explain the Transformation Ratio.

Draw the vector dig for a transformers working on no-

Unity power factor.

Lagging power factor.

Leading power factor.

Define All-day efficiency.

State the reason for transformer rating in KVA.

List the losses in Transformers.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech ECE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM


A Two week Certificate Programme

On

“Single phase transformers”

14-08-2020 TO 27 - 08-2020

- Student Name:
 - Father Name:
 - Roll No:
 - Mobile No:
 - Course:
 - Department:
 - Organization:
 - Address for communication:
 - Email ID:
- (G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the A two week certificate programme on Single phase transformers at Dept of Electronics and communication Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A two week certificate programme on “ Single phase transformers” Dept of Electronics and communication Engineering,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: YEDUKONDALU@GMAIL.COM

PHONE. NO: 9866521498

Dr. Samuel George Institute of Engineering & Technology

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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: a two week Certificate Program on Single phase transformers **Year:** III
Faculty Name: Mr. Y. Yedukondalu **Academic Year:** 2020-2021

14-08-2020	Define Transformers and Explain its Working principle.
17-08-2020	Classify the transformers based on no of phases.
18-08-2020	Classify the transformers based on no of construction.
19-08-2020	Classify the transformers based on no of Function.
20-08-2020	Explain the Transformation Ratio.
21-08-2020	Draw the vector dig for a transformers working on no-load
22-08-2020	Lagging power factor.
24-08-2020	Leading power factor.
25-08-2020	Define All-day efficiency.
26-08-2020	State the reason for transformer rating in KVA.
27-08-2020	List the losses in Transformers.

R. Yedukondalu
Programme Coordinator

R. Yedukondalu
HOD OF EEE
HEAD OF DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
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MARKAPUR-523 316, Prakasam Dist., A.P.

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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

Department: EEE

Academic Year: 2020-21

Name of the Program: a two week Certificate Program on Single phase transformers

List of students Enrolled/Completed: 39

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	17351A0227	R SOMAR NAIK	R. Somar Naik
2	18351A0203	B CHATHANYA KUMAR	B. Chathanya Kumar
3	18351A0204	SK DADAPEER	SK. Dadapeer
4	18351A0205	S KANNI	S. KANNI
5	18351A0206	M LAKSHMI PARAVATHI	M. Lakshmi Paravathi
6	18351A0207	A MAHESH	A. Mahesh
7	18351A0208	M MAHESH	M. Mahesh
8	18351A0210	B MANI KIRAN	B. Mani Kiran
9	18351A0211	R MOUNIKA BAI	R. Mounika Bai
10	18351A0212	B NAGAMMA	B. Nagamma
11	18351A0213	M NAGAMUNI	M. Nagamuni
12	18351A0214	K NAGENDRA	K. Nagendra
13	18351A0217	Y OBULAMMA	Y. obulamma
14	18351A0218	J PRIYANKA	J. Priyanka
15	18351A0219	D PUSPA	D. PUSPA
16	18351A0220	K RAJA MANOHAR	K. Raja Manohar
17	18351A0221	U RAJESH	U. Rajesh
18	18351A0222	M RAJESWARI	M. Rajeswari
19	18351A0223	T RAMANJANEYULU	T. Ramanjaneyulu
20	18351A0224	T RAMESH	T. Ramesh
21	18351A0225	M RANGA SWAMY	M. Ranga Swamy
22	18351A0226	S RAVI KUMAR	S. Ravi Kumar
23	18351A0227	G SAI KUMAR	G. Sai Kumar
24	18351A0229	M SHOBA RANI	M. SHOBA Rani
25	18351A0230	V SOURI RAJULU	V. Sourji Rajulu
26	18351A0232	J SUBBAIAH	J. Subbaiah
27	19355A0201	K ANJANEYULU	K. Anjaneyulu
28	19355A0202	V ARUN KUMAR	V. Arun Kumar
29	19355A0203	G JAYA NIRMALA	G. Jaya Nirmala
30	19355A0204	P MAHESH	P. Mahesh
31	19355A0205	T NABEE RASOOL	T. Nabee Rasool
32	19355A0206	E PAWAN KALYAN	E. pawan kalyan
33	19355A0207	V PRAVALLIKA	v. pravallika
34	19355A0208	V RAJESWARA REDDY	V. Rajeswara Reddy
35	19355A0209	M RAKWESH	M. Rakwesh
36	19355A0210	Y SANDYA	Y. SANDYA
37	19355A0211	B THIRUPATHAMMA	B. Thirupathamma
38	19355A0212	T VENKATASWAMY	T. Venkata Swamy
39	19355A0213	G VINOD	G. Vinod

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., (A.P)

Dr. Samuel George Institute of Engineering & Technology

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Fax : +918596-223127

Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : a two week Certificate Program on Single phase transformers
Schedule of program : 14-08-2020 to 27-08-2020
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr. Y. YEDUKONDALU
Designation: associate proffeser
Number of Participants : 39

Objectives of this Course are:

The participants will be introduced to


1. The recent advancements in the field of Transformers.
2. To introduce the concepts of electrically define Transformers.
3. Distinguish between shell and core type Transformers.

Learning Outcomes

After going through this course the student will be able to

- Identify basic working of transformers.
- Draw the vector dig for a Transformers on- load.
- Draw the vector dig for a Transformers on no- load.


Programme Coordinator


HOD OF EEE
HEAD OF DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
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MARKAPUR-523 316, Prakasam Dist., A.P.

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 09-08-2020

All the students of **IV B Tech EEE** are hereby informed to attend “a two week Certificate Program on measurement of resistance .” And the Programming scheduled during from **14-08-2020 to 27-08-2020** by **Mr.M.VENKATESWARLU**. He will deliver the valuable information on Respective program. All the students must participate and make your career enlighten.


Program Coordinator


HOD OF EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineer
Dr. SAMUEL GEORGE INSTITUTE
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

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ABOUT THE DEPARTMENT

The Department currently runs with diploma, UG & PG programs in Electrical & Electronics Engineering.

The UG- intake is 30 and PG-intake is 24 Diploma intake is 60. The Department of EEE is established in 1997. state-of-the-art labs viz., Electrical Machines-I Lab, Electrical Machines-II Lab, Control System Lab, Power Electronics Lab, Power Systems Lab, Electrical Circuits Lab, Electrical Measuring Instruments Lab, Electrical Simulation lab, Engineering. Power Converters Lab

and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S.NARAYANA

Principal

PATRON

PROF. CH. RAJA BABU

Vice Principal

CONVENOR

M.VENKATESWARLU

Head of the Department

Electrical & Electronics Engineering

VENUE

Online Zoom Platform.

PRINCIPAL

Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"MEASUREMENT OF RESISTANCE"

14-08-2020 TO 27-08-2020

CO-ORDINATOR

M.VENKATESWARLU

Department of

Electrical & Electronics Engineering

ORGANIZED BY

Department of

Electrical & Electronics Engineering

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,

TARGET AREAS

Introduction

Classifications of resistances.

Measurement of low resistance.

Measurement of medium resistance.

Measurement of high resistance.

Ohmmeter

Series ohmmeter.

Shunt ohmmeter.

Difference between Series ohmmeter and Shunt ohmmeter.

Wheatstone bridge

Measurement of earth resistance.

Methods of Measurement of earth resistance.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech ECE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme

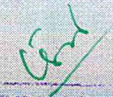
On

“MEASUREMENT OF RESISTANCE “

14-08-2020 TO 27-08-2020

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:

(G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the A two week certificate programme on measurement of resistance at Dept of Electrical and Electronics Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A two week certificate programme on “ measurement of resistance” in Electronics and communication Engineering,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: EEEHOD@GMAIL.COM
PHONE. NO: 9966300632

Dr. Samuel George Institute of Engineering & Technology

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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE


Title of the Certification: a two week Certificate Program on measurement of resistance

Year: IV

Faculty Name: Mr. M.VENKATESWARLU

Academic Year: 2020-2021

14-08-2020	introduction
17-08-2020	Classifications of resistances.
18-08-2020	Measurement of low resistance.
19-08-2020	Measurement of medium resistance.
20-08-2020	Measurement of high resistance.
21-08-2020	ohmmeter
22-08-2020	Series ohmmeter.
24-08-2020	Measurement of earth resistance.
25-08-2020	Methods of Measurement of earth resistance.
26-08-2020	Basic DC Potentiometer.
27-08-2020	Applications of DC Potentiometer.


Programme Coordinator


HOD OF EEE

HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., A.P.

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drsgit_35@yahoo.co.in

College Code : 35

Department: EEE

Academic Year: 2020-2021

Name of the Program: a two week Certificate Program on measurement of resistance

List of students Enrolled/Completed: 46

S.NO	H.T. NUMBER	NAME OF THE CANDIDATE	SIGNATURES
1.	17351A0201	DANDABOYENA AASI	D. Aasi
2.	17351A0202	YENIBERA CHENNAKESAVULU	Y. chennakesavulu
3.	17351A0203	KOTA CHINNA LINGAIAH	K. Chinna Lingaiah
4.	17351A0204	VALERU CHINNA NAGAIAH	V. chinna nagiah
5.	17351A0205	POTLA DHARMARAJU	P. DHARMARAJU
6.	17351A0206	BONALA GANGAMAHENDRA	B. Gangamahendra
7.	17351A0207	MOTAPOTHULA JOSEPH	M. Joseph
8.	17351A0208	BEJAWADA KIRAN	B. Kiran
9.	17351A0209	MUNDLA KIRANKUMAR	M. Kiran Kumar
10.	17351A0210	BADVEETI LOKESHWAR	B. Lokeshwar
11.	17351A0211	BODICHERLA MARY JOY	B. Mary Joy
12.	17351A0212	MALA MUDDUKRISHNA	M. muddukrishna
13.	17351A0213	KORIGEM NAVEEN	K. Naveen
14.	17351A0214	VEERADASU NAVEENKUMAR	VEERADASU NAVEENKUMAR
15.	17351A0215	YALLAMANTI PAVANKUMAR	Y. pavan kumar
16.	17351A0216	BONDALAPATI PRABHAKAR	B. prabhakar
17.	17351A0217	RAYALLA PRASANTHI	P. prasanthi
18.	17351A0218	BESTHA PRAVEENKUMAR	B. praveen kumar
19.	17351A0219	TELUGU RAJESH	T. Rajesh
20.	17351A0220	KATE RAJKUMAR	K. Raj Kumar
21.	17351A0221	BOINI RAKESH	B. Rakesh
22.	17351A0222	KONGALETI RAVI KUMAR	R. Ravi Kumar
23.	17351A0223	YENDLURI RUBEN	Y. Ruben
24.	17351A0224	TALARI SANDEEP	T. sandeep
25.	17351A0225	JALLI SATISH	J. satish
26.	17351A0226	SHAIK SHAJITH	S. shajith
27.	17351A0227	R. SOMASEKHAR NAIK	R. Somasekhar Naik
28.	17351A0229	VENNAM SREENU	V. Sreenu
29.	17351A0231	YARRAMPALLI SURESH	Y. Suresh
30.	17351A0232	A. VENKATANARAYANA	A. venkatanarayana
31.	17351A0233	BOYALAPALLI VIJAYKUMAR	B. vijay kumar
32.	17351A0234	PALLEPOGU VINAY KUMAR	P. vinay kumar
33.	17351A0235	THIRUPATI VISHNU	T. vishnu
34.	18355A0201	K. ABHINAY	K. Abhinay
35.	18355A0202	N. GIDYONU	N. Gidyonu
36.	18355A0203	A. KAVYA	A. kavya
37.	18355A0204	B. MANJUNATH	B. manjunath
38.	18355A0205	V. MANOJ KUMAR	V. manoj kumar
39.	18355A0206	K. NAGA BABU	K. NAGA BABU
40.	18355A0207	S. NAGUR BASHA	S. Nagur basha
41.	18355A0208	M. PRASANNA	M. Prasnna
42.	18355A0209	CH. PRUDHVIRAJ	CH. prudhviraj
43.	18355A0210	B. SHYAM SUDHAKAR	B. shyam sudhakar

Dr. Samuel George Institute of Engineering & Technology

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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

44.	18355A0211	K.SRINIVARA REDDY	K. Srinivasa Reddy
45.	18355A0212	CH.VANEESH	CH. Vaneesh
46.	18355A0213	SK.MAHAMMAD ANWAR	SK - Mahammad Anwar


Programme Coordinator


HOD OF EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dt., (A.P.)

Dr. Samuel George Institute of Engineering & Technology

Approved By AICTE, New Delhi & Affiliated to JNTUK, KAKINADA.
An ISO 9000 : 2001 Certified Institution



Phone : +918596-200064 (Off)
Mobile : 9618257287, 9849332122
Fax : +918596-223127

Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : a two week Certificate Program on measurement of resistance
Schedule of program : **16-08-2020 to 27-08-2020**
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr.M.Venkateswarlu
Designation: associate professor
Number of Participants : 46

Objectives of this Course are:

The participants will be introduced to Necessity


1. Difference between Series ohmmeter and Shunt ohmmeter..
2. Measurement of earth resistance.
3. Classifications of resistances.

Learning Outcomes

After going through this course the student will be able to

- 1..Basic DC Potentiometer
- 2 Methods of Measurement of earth resistance...
3. Potentiometer.

Programme Coordinator


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Website : www.drsgiet.ac.in
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College Code : 35

DATE: 22-02-2021

CIRCULAR

All the students of **II B Tech II SEM MECHANICAL ENGINEERING** are hereby informed to attend the “A two week Certificate Programme on **FUNDAMENTALS OF AUTOMOTIVE SYSTEMS.**” The Programme scheduled from **01-03-2021 to 13-03-2021** and delivered by **Mr. T.SUBBARAYUDU**. He will deliver the valuable information on the respective program. All the students must participate and make your career enlightened.


Head of the Department

Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam Dist.


Principal

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.

ABOUT THE COLLEGE

Samuel George Institute of Engineering & Technology was established in 1997 at Markapur. It has sharpened, shaped and meets the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 10Mbps Internet (Airtel) leased line. The institute has well-qualified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-the-art equipment. It has monumental blocks – B.R. Ambedkar, Sir.C.V.Raman, Sir. Visweswaraiah, Dr.APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG&PG programs Mechanical Engineering and Thermal Engineering.

The UG-MECH intake is 60 and PG-Thermal Engineering intake is 24. The Department of MECH established state-of-the-art labs viz.,

Fluid Mechanics and Hydraulics Machines lab, Metrology & instrumentation lab, Thermal Engineering lab, Machine tools lab, MOS & Metallurgy lab, Heat Transfer lab, Theory of Machines lab, Production Technology labs etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like CAD-CAM, CATIA, ANSYS etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr.K.V.S. Narayana
Principal

PATRON

Prof. Ch.Raja Babu
Vice Principal

CONVENOR

Dr M. Mastanaiah
Head of the Department
Mechanical Engineering

VENUE

Seminar Hall
Dept of Mechanical Engineering



Dr.SGIT



A Two week Certificate Programme On

"FUNDAMENTALS OF AUTOMOTIVE SYSTEMS"

01-03-2021 to 13-03-2021

CO-ORDINATOR

Mr. T. Subbarayudu
Department of
Mechanical Engineering

ORGANIZED BY

Department of
Mechanical Engineering

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523316, Prakasam Dist

Dr. Samuel George Institute of
Engineering & Technology, Affiliated to
JNTUK,
Markapur-523316.

TARGET AREAS

- The India Automotive Market is segmented By Vehicle Types (Two-Wheelers, Passenger Vehicles, Commercial Vehicles, and Three Wheelers),
- By Fuel Type (Diesel, Petrol/Gasoline, Electric, CNG/LPG, and Others),
- And By Region (North India, East India, West India, and South India).

REGISTRATION DETAILS

- There is no Registration fee for the Program.
- Registration for the Program can be done using the registration form.
- All the II B Tech II Sem MECH students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme On "FUNDAMENTALS OF AUTOMOTIVE SYSTEMS"

01-03-2021 to 13-03-2021

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:
(G-Mail Preferably)

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/institution and is here by permitted to attend the "A two week certificate programme on FUNDAMENTALS OF AUTOMOTIVE SYSTEMS" at Dept of Mechanical Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:
Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:
Place:

Signature of the Applicant

CONTACT US

Dr. Samuel
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

The Co-ordinator

"A two week certificate programme on
FUNDAMENTALS OF AUTOMOTIVE
SYSTEMS"

Dept of Mechanical Engineering,
Dr Samuel George Institute of Engineering
and Technology

Mail ID: trayudu07@gmail.com

Phone No: 9652797622



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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on **FUNDAMENTALS OF AUTOMOTIVE SYSTEMS**


Year: **II B Tech II Sem**

Faculty Name: **Mr. T.Subbarayudu**

Academic Year: **2020-2021**

01-03-2021	Introduction to automotive systems – history of automobiles – Types of automobiles, Vehicle structure: functions- type – layout of chassis, frames, body. Vehicle aerodynamics: resistance and moments.
02-03-2021	Introduction to IC engines – components – functions and materials – two and four stroke cycle engines, Technology and constructional details and principle of working of: SI, CI, CNG / LPG engines.
03-03-2021	Comparison of SI, CI, CNG and LPG engines; Performance curves -Torque vs speed; BHP vs. RPM; FHP vs. RPM; SFC vs. RPM. Hybrid vehicles and alternative fuels.
04-03-2021	Vehicle Frames and Steering System -Vehicle construction and different Chassis layouts - classifications of chassis
05-03-2021	Types of frames- frameless chassis construction -articulated vehicles vehicle body – Vehicle aerodynamics-various resistances and its effects
06-03-2021	Steering system -conventional -sophisticated vehicle- and types of steering gear box, Power Steering- Steering, geometry-condition for true rolling motion
08-03-2021	Ackermanns - Devis steering system – types of stub axle – Types of rear axles. Transmission Systems, Clutch-types and construction
09-03-2021	Gear boxes- manual and automatic, gear shift mechanisms, Over drive, transfer box, fluid flywheel, torque converter.
10-03-2021	Propeller shaft, slip joints, universal joints — Hotchkiss Drive and Torque Tube Drive- rear axle, Differential-wheels and tyres.
11-03-2021	Alternative Energy Sources - Use of Natural Gas, Liquefied Petroleum Gas, Bio-diesel, Bio-ethanol, Gasohol and Hydrogen in Automobiles, Engine modifications required -Performance,
12-03-2021	Combustion and Emission Characteristics of SI and CI engines with these alternate fuels, Electric and Hybrid Vehicles, Fuel Cell. Turbo chargers -Engine emission control by three way catalytic converter system.
13-03-2021	Advanced Driver Assistance Systems (ADAS) principles and Applications – Lane Departure Warning, Collision Warning, Automatic Cruise Control, Pedestrian Protection, and Headlights Control.


Programme Coordinator


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drsgit_35@yahoo.co.in

College Code : 35

Name of the Program: A two week Certificate Programme on **FUNDAMENTALS OF AUTOMOTIVE SYSTEMS**

List of students Enrolled/Completed: 44

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	19351A0301	SK. ABDUL KHADAR	SK. Abdul Khadar.
2	19351A0302	SK. ABDUL RAHIM	S.K. Abdul Rahim
3	19351A0303	Y. ANIL KUMAR	Y. Anil Kumar.
4	19351A0304	V. BABU	V. Babu
5	19351A0305	B. BHARGAV PRASAD RAO	B. Bhargav Prasad Rao
6	19351A0306	P. BRAMHAIAH	P. Bramhaiah
7	19351A0307	Y. CHENNAIAH	Y. chennaiah
8	19351A0308	K. DURGACHARI	K. Durgachari
9	19351A0309	Y. GADILINGAPPA	Y. Gadilingappa.
10	19351A0310	M. GEETHA	M. Geetha
11	19351A0311	B. GOPI	B. Gopi
12	19351A0313	K. KHASIM SAB	k. khasim sab
13	19351A0315	Chandaluri. MAHESH	C.H. Mahesh
14	19351A0316	P. MAHESH	P. Mahesh
15	19351A0317	R. MAHESH BABU	R. Mahesh Babu
16	19351A0318	B. MANJU	B. Manju
17	19351A0319	P. NAGA MANEEDRA	P. Naga Maneendra
18	19351A0320	V. NARESH	V. Nareesh
19	19351A0321	J. NITHIN	J. Nithin
20	19351A0322	M. PRASHANTH	M. Prashanth
21	19351A0323	K. PRATAP REDDY	K. Pratap Reddy
22	19351A0324	P. PRAVEEN KUMAR	P. Praveen Kumar
23	19351A0325	D. RAJESH	D. Rajesh
24	19351A0326	B. RAJESH KUMAR	B. Rajesh Kumar
25	19351A0327	G. RANGANAYAKULU	G. Ranganayakulu
26	19351A0328	G. RATNAKAR	G. Ratnakar
27	19351A0329	D. SAMSON GRACE LIVINGSTAN	D. Samson Grace Livingstan
28	19351A0330	CH. SIVA	CH. Shiva.
29	19351A0331	A. SIVA KOTESWARA RAO	A. Siva Koteswara Rao
30	19351A0332	P. SIVA REDDY	P. Siva Reddy.




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drsgit_35@yahoo.co.in

College Code : 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
31	19351A0333	P. SUDARSAN	P. Sudarsan
32	19351A0334	K. SUJAN PRIYANKA	K. Sujan Priyanka
33	19351A0335	V. VANDAN KUMAR	V. Vandan Kumar
34	19351A0336	V. VEERESH	V. Veeresh
35	19351A0337	G. VENKATESH	G. Venkatesh
36	19351A0338	Kurukundu. VENKATESWARLU	K. Venkateswarlu
37	19351A0339	R. VICTOR BABU	R. Victor Babu
38	19351A0341	S. YEDUKONDALA VENKATA AKHIL	S. Y.V. Akhil
39	20355A0301	D. JANARDHAN	D. Janardhan
40	20355A0302	SK. MOHAMMED NOORULLA	Sk. Mohammed Noorulla
41	20355A0303	B. NEELADHAR	B. Neeladhar
42	20355A0304	K. PRAKASH RAO	K. Prakash Rao
43	20355A0305	A. RATNA KUMAR	A. Ratnakumar
44	20355A0306	B. SIVA MADHAVA NAIDU	B. Sivamadhava Naidu


Programme Coordinator


HOD OF ME
Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam Dist.

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drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on
FUNADAMENTALS OF AUTOMOTIVE SYSTEMS

Schedule of program : **01-03-2021 to 13-03-2021**

Venue : Seminar Hall

Organized by : Dept of MECHANICAL ENGINEERING

Faculty : Mr T. SUBBARAYUDU

Designation : Associate Professor

Number of Participants : 44

Objectives of the Course:

- Become familiar with the Solid Works part modeling environment
- Use these features- extruded boss/base, extruded cut, circular pattern, fillet, and chamfer
- Learn how to create a new plane
- Learn to consider the design intent when planning a model.


Topics Covered:

- The major systems of an automobile are the engine, fuel system,
- Transmission, electrical system, cooling and lubrication system, and
- The chassis, which includes the suspension system, braking system,
- Wheels & tires, and the body.

Outcomes of the Course:

- Acquire in-depth knowledge of the various subsystems of an automobile,
- Associate the functions of each subsystem with its design and layout,
- Depict the various subsystems using simple schematics, and
- Apply concepts learnt in first year and second year engineering courses to obtain simple models of various subsystems.


Programme Coordinator


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College Code : 35

DATE: 01-02-2021

CIRCULAR

All the students of **III B Tech II SEM MECHANICAL ENGINEERING** are hereby informed to attend the "A two week Certificate Programme on **RECENT TRENDS IN IC ENGINES.**" The Programme scheduled from **08-02-2021 to 20-02-2021** and delivered by **Dr.M.MASTANAIAH.** He will deliver the valuable information on the respective program. All the students must participate and make your career enlightened.


Head of the Department

Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam Dist.


Principal

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
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MARKAPUR-523 316, Prakasam Dist.

ABOUT THE COLLEGE

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The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100Mbps Internet (Airtel) leased line. The institute has well qualified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-the-art equipment. It has monumental blocks – B.R.Ambedkar, Sir.C.V.Raman, Sir. Visweswararao, Dr.APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG&PG programs Mechanical Engineering and Thermal Engineering.

The UG-MECH intake is 60 and PG-Thermal Engineering intake is 24. The Department of MECH established state-of-the-art labs viz.,

Fluid Mechanics and Hydraulics Machines lab, Metrology & instrumentation lab, Thermal Engineering lab, Machine tools lab, MOS & Metallurgy lab, Heat Transfer lab, Theory of Machines lab, Production Technology labs etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like CAD-CAM, CATIA, ANSYS etc..

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ORGANIZING COMMITTEE

CHIEF PATRON

Dr.Y. Eswara Rao
Principal

PATRON

Prof. Ch.Raja Babu
Vice Principal

CONVENOR

Dr M. Mastanaiah
Head of the Department
Mechanical Engineering

VENUE

Seminar Hall
Dept of Mechanical Engineering



Dr.SGIT



A Two week Certificate Programme

On

“RECENT TRENDS IN IC ENGINES”

08-02-2021 to 20-02-2021

CO-ORDINATOR

Dr M.Mastanaiah
Department of
Mechanical Engineering

ORGANIZED BY

Department of
Mechanical Engineering

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist

Dr. Samuel George Institute of
Engineering & Technology, Affiliated to
JNTUK,
Markapur-523316.

TARGET AREAS

- The efficiency of an internal combustion engine is greater than that of an external combustion engine.
- The internal combustion engine can be manufactured in a range of sizes and can be fitted to small machines as well.
- There is no risk of accidents. Moreover, an internal combustion engine can be started immediately.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech II Sem MECH students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme On "RECENT TRENDS IN IC ENGINES"

08-02-2021 to 20-02-2021

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:
(G-Mail Preferably)

Soni
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/institution and is here by permitted to attend the "A two week certificate programme on Recent Trends in IC Engines" at Dept of Mechanical Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

"A two week certificate programme on Recent Trends in IC Engines"

Dept of Mechanical Engineering,

Dr Samuel George Institute of Engineering and Technology

Mail ID: mastanrl@rediffmail.com

Phone No: 9440242501

Dr. Samuel George Institute of Engineering & Technology

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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on **RECENT TRENDS IN IC ENGINES**

Year: **III B Tech II Sem**

Faculty Name: **Dr.M.Mastanaiah**

Academic Year: **2020-2021**

08-02-2021	Fuel supply systems in SI Engine-introduction-carburetion- mixture requirements-simple carburetor, compensation devices, high altitude fuel supply device
09-02-2021	Electronic injection system, CI engine- Injection systems- Mechanical and electronic-Combustion in CI engines
10-02-2021	Combustion in SI and CI engines- Ignition - Stages of combustion-Normal and abnormal combustion- Factors affecting knock -Combustion chambers
11-02-2021	Fuel spray behavior – spray structure, spray penetration-and evaporation – air motion-stages of combustion
12-02-2021	Factors affecting combustion- Direct and indirect injection systems –Combustion chambers
13-02-2021	Introduction to Turbo charging and supercharging, Engine emissions Emission control methods in SI and CI engines
15-02-2021	Catalytic converters-EGR, Modern evaporative emission control system Lean Burn Engines, homogeneous charge compression ignition engines
16-02-2021	Fuels-hydrocarbon groups-qualities of SI and CI engines-petroleum refining-fuel chemistry.
17-02-2021	Stoichiometric air fuel ratio-conversion of volumetric percentage to mass percentage.
18-02-2021	percentage of carbon in fuel, enthalpy of combustion, enthalpy of formation, internal energy of fuel, flame temperature
19-02-2021	Introduction to alternate fuels-biofuels, thermo chemical and biochemical conversion, Vegetable oils and Biodiesel
20-02-2021	Ethanol, LPG, Natural gas, Hydrogen-Production and Utilization perspective

Programme Coordinator

HOD OF ME

r. Samuel George Institute of Engineering & Technology

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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

Name of the Program: A two week Certificate Programme on **RECENT TRENDS IN IC ENGINES**

List of students Enrolled/Completed: 48

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	18351A0301	K. ADINARAYANA	K. Adinarayana
2	18351A0302	M. BALAIAH	M. Balaiiah
3	18351A0303	M. BALA KRISHNA	M. Bala Krishna
4	18351A0304	V. BASAVA RAJU	V. Basava Raju
5	18351A0305	K. BETTESEY DAYANA	K. B. Dayana
6	18351A0306	S. BHAVANI	S. bhavani
7	18351A0307	N. CHANDRA KIRAN REDDY	N. chandra kiran Reddy
8	18351A0308	S. CHANDRA SHEKAR	S. Chandra Shekar
9	18351A0309	S. CHENNAKESAVA	S. Chennakesava
10	18351A0310	M. DIWAKAR NAIK	M. Diwakar Naik
11	18351A0311	B. HEMAVATHI	B. Hemavathi
12	18351A0312	Y. INDRASENA REDDY	Y. Indrasena Reddy
13	18351A0313	S. JAGADEESH	S. Jagadeesh
14	18351A0314	J. JAYA SIMHA REDDY	J. Jaya Simha Reddy
15	18351A0315	D. KHASIMPEERA	D. Khasimpeera
16	18351A0316	D. KIRAN	D. Kiran
17	18351A0317	M. KISHORE	M. Kishore
18	18351A0318	D. MADHU SUDHAN REDDY	D. Madhu Sudhan Reddy
19	18351A0320	O. MAHESH	O. Mahesh
20	18351A0321	M. MANOJ	M. Manoj
21	18351A0322	E. NAGARAJU	E. Nagaraju
22	18351A0324	P. OBULESU	P. Obulesu
23	18351A0325	D. PRASHANTH	D. Prashanth
24	18351A0326	K. RENUKA BAI	K. Renuka Bai
25	18351A0327	M. SAI MANIKANTA	M. Sai Manikanta
26	18351A0328	N. SAI NIRANJAN REDDY	N. S. N. Reddy
27	18351A0330	G. SREENIVASULU	G. Sreenivasulu
28	18351A0332	K. TEJA	K. Teja
29	18351A0333	SK. THANISHA	SK. Thanisha
30	18351A0334	D. VAMSI	D. Vamsi

Dr. Samuel George Institute of Engineering & Technology

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drsgit_35@yahoo.co.in

College Code : 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
31	18351A0335	D. VENKATESH NAIK	D. Venkatesh Naik
32	18351A0336	N. VENUGOPALA SWAMY	N. Venugopala Swamy
33	19355A0301	M. ABDULLA	M. Abdulla
34	19355A0302	SK. ABDUL MASOOD	SK. ABDUL MASOOD
35	19355A0303	Y. AKHIL KUMAR	Y. AKHIL KUMAR
36	19355A0304	P. ARAVIND KUMAR	P. Aravind Kumar
37	19355A0305	K. GOVARDHAN	K. GOVARDHAN
38	19355A0306	B. HARISH KUMAR	B. Harish Kumar
39	19355A0307	K. JAGADEESWARA REDDY	K. Jagadeeswara Reddy
40	19355A0308	SD. MUZAHID	SD. Muzahid
41	19355A0310	K. PAVAN	K. Pavan
42	19355A0311	M. PAVAN KUMAR	M. Pavan Kumar
43	19355A0312	M. PRASHANTH	M. Prashanth
44	19355A0313	CH. RAMESH	CH. Ramesh
45	19355A0314	P. SIVA KUMAR	P. Siva Kumar
46	19355A0315	K. VENKATA SAI SIVA REDDY	K. Venkata Sai Siva Reddy
47	19355A0316	M. VENKATA SIVA RAMULU	M. Venkata Siva Ramulu
48	19355A0317	S. VENKATESWARLU	S. Venkateswarlu

Programme Coordinator

HOD OF ME

Mechanical Engineering
Samuel George Institute of
Engineering & Technology
MARKAPUR-523 326, Prakasam Dist.



Phone : +918596-200064 (Off)
Mobile : 9618257287, 9849332122
Fax : +918596-223127

Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on
RECENT TRENDS IN IC ENGINES
Schedule of program : 08-02-2021 to 20-02-2021
Venue : Seminar Hall
Organized by : Dept of MECHANICAL
Faculty : Mr Dr. M. Mastanaiah
Designation : Professor & HOD
Number of Participants : 48

Objectives of the Course:

- Explain the basis function of an IC engines.
- Describe the fire events required for IC engine operation.
- Describe selected individuals and events in the history of engine development.
- Identify and describe the construction and function(s) of primary engine components.
- Explain principles of 2 & 4-stroke cycle engine operation. Both S.I & C.I

Topics Covered:

- Introduction to I.C. Engines
- Classification of I.C. Engines
- Constructional details of I.C Engines
- Comparison of Two-stroke and Four-stroke cycle Engine
- Working of two stroke and four stroke diesel and petrol engines
- Comparison of Petrol and Diesel Engine.

Outcomes of the Course:

- The operating characteristics and thermodynamic analysis of common internal combustion engine cycles.
- To analyze the combustion process of common fuels.
- Aware of the roles of fluid flow and heat transfer in engine operation.
- Methods to mitigate engine vibration, friction, and wear.
- The environmental, social, and technological issues related to the
- Future widespread use of internal combustion engines.


Programme Coordinator


HOD OF ME

Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR, Prakasam (Dist), A.P.

Dr. Samuel George Institute of Engineering & Technology

Approved By AICTE, New Delhi & Affiliated to JNTUK, KAKINADA.
An ISO 9000 : 2001 Certified Institution



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drsgit_35@yahoo.co.in

College Code : 35

DATE: 05-10-2020

CIRCULAR

All the students of **IV B Tech I SEM MECHANICAL ENGINEERING** are hereby informed to attend the "A two week Certificate Programme on **SOLID WORKS**". The Programme scheduled from **12-10-2020 to 23-10-2020** and delivered by **Mr. D. MURALIDHAR YADAV**. He will deliver the valuable information on the respective program. All the students must participate and make your career enlightened.


Head of the Department

Head of the Department
Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam Dist.


Principal

PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100Mbps Internet (Airtel) leased line. The institute has well-qualified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-the-art equipment. It has monumental blocks – Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswaraiah, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG&PG programs in Mechanical Engineering and Thermal Engineering.

The UG-MECH intake is 60 and PG-Thermal Engineering intake is 24. The Department of MECH established state-of-the-art labs viz.,

Fluid Mechanics and Hydraulics Machines lab, Metrology & instrumentation lab, Thermal Engineering lab, Machine tools lab, MOS & Metallurgy lab, Heat Transfer lab, Theory of Machines lab, Production Technology labs etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like CAD-CAM, CATIA, ANSYS etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr.K.V.S. Narayana
Principal

PATRON

Prof. Ch.Raja Babu
Vice Principal

CONVENOR

Dr M. Mastanaiah
Head of the Department
Mechanical Engineering

VENUE

Seminar Hall
Dept of Mechanical Engineering



Dr.SGIT



A Two week Certificate Programme On

“SOLID WORKS”

12-10-2020 to 23-10-2020

CO-ORDINATOR

D.Muralidhar yadav
Department of
Mechanical Engineering

ORGANIZED BY

Department of
Mechanical Engineering


PRINCIPAL Dr. Samuel George Institute of
Engineering & Technology, Affiliated to
JNTUK,
MARKAPUR-523 316, Prakasam Dist. Markapur-523316.

TARGET AREAS

- **SOLIDWORKS** is used to develop mechatronics systems from beginning to end. At the initial stage, the software is used for planning, visual ideation, modeling, feasibility assessment, prototyping, and project management.
- The software is then used for design and building of mechanical, electrical, and software elements.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the IV B Tech I Sem MECH students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme On "SOLID WORKS"

12-10-2020 to 23-10-2020

- Student Name: _____
- Father Name: _____
- Roll No: _____
- Mobile No: _____
- Course: _____
- Department: _____
- Organization: _____
- Address for communication: _____
- Email ID: _____
(G-Mail Preferably)

Sam
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/institution and is here by permitted to attend the "A two week certificate programme on **SOLID WORKS**" at Dept of Mechanical Engineering, Dr Samuel George Institute Of Engineering and Technology

Date: _____

Place: _____

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date: _____

Place: _____

Signature of the Applicant

CONTACT US

The Co-ordinator

"A two week certificate programme on **SOLID WORKS**"
Dept of Mechanical Engineering,
Dr Samuel George Institute of Engineering and Technology

Mail ID: _____

Phone No: 9440782840

Dr. Samuel George Institute of Engineering & Technology

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An ISO 9000 : 2001 Certified Institution



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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on **SOLID WORKS**

Year: **IV B Tech I Sem**

Faculty Name: **Mr. D. Muralidhar Yadav**

Academic Year: **2020-2021**

12-10-2020	Solid Works Graphical User Interface - Feature manager design tree, Callouts, Handles, Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, Hardware and Software requirements.
13-10-2020	Sketch Entities – Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots etc., Sketch Tools - Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Mirror, Dynamic Mirror.
14-10-2020	Relations - Adding Sketch Relation, Automatic relations, Dimensioning - Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, Fully define sketch.
15-10-2020	Creating Extrude features – Direction1, Direction2, From option, Thin feature, Creating Revolve features – Selecting Axis, Thin features, Selecting contours, Creating Swept features - Selecting Profile and Path, Thin feature.
16-10-2020	Selecting geometries – Selection Manager, Multiple Body concepts, Creating Reference - points, axis, coordinates, Creating curves - Split curve, Project curve, Composite curve,
17-10-2020	Creating Fillet features Inserting Hole types , Creating Chamfer Creating Shell , Creating Rib , Creating Pattern - Linear pattern, Circular pattern, Sketch driven pattern, Curve driven pattern, Fill pattern, mirror.
19-10-2020	Environment & Utilities - Working with views and manipulating views, Trouble shooting, Introduction to Assembly Modeling & Approaches – Top down and Bottom up approach Applying Standard Mates - Coincident, Parallel, Perpendicular, Tangent, Concentric, Lock, Distance, Angle.
20-10-2020	Applying Mechanical Mates – Cam, Hinge, Gear, Rack Pinion, Screw, Universal Joint. Manipulating Components - Replacing Components, Rotating Components, Move Components, Collision Detection, Physical Dynamics, Dynamic Clearance, Detecting Interference.
21-10-2020	Creating Pattern - Creating Explode Views , Surface Modeling tools , Inserting Planar Surface, Offset Surface, Radiate Surface, Generating Drawing Views Introduction To Angle Of Projection , Generating Views - Generating Model View, Projected Views.
22-10-2020	Creating Dimensions – Smart, Horizontal, Vertical, Baseline, Ordinate, Horizontal Ordinate etc., Inserting Annotations - Datum Features, Hole Callout, Datum Target, Area Hatch, Balloon etc.,
23-10-2020	Sheet Metal Design - Concepts in Sheet metal design bend allowance bend deduction, K-factor, Inserting Cross Break, Welded Corner. Adding Corner Trim, Lofted Trim Conversion Of Solid Body To Sheet Metal.

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Programme Coordinator

Muralidhar Yadav
HOD OF ME

Mechanical Engineering
Dr. Samuel George Institute of Engineering & Technology
Prakasam (Dist), A.P.
Markapur-523 320, Prakasam (Dist), A.P.

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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

Name of the Program: A two week Certificate Programme on **SOLID WORKS**

List of students Enrolled/Completed: 54

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
✓ 1	17351A0301	G. ANIL KUMAR	G. Anil Kumar
2	17351A0302	CH. BABAVALI	Ch. Babavali
3	17351A0303	M. CHAITANYA	M. chaitanya
4	17351A0304	Y. DHARMENDRA	Y. Dharmendra
✓ 5	17351A0305	V. GALI REDDY	V. gali reddy
6	17351A0306	M. GANGADHAR	M. gangadhar
7	17351A0307	K. GURUMURTHY	K. Gurumurthy
8	17351A0308	M. GURUPRASAD	M. Guruprasad
9	17351A0309	Y. JAYAPPAUL	Y. Jayappa
10	17351A0310	V. KARUNAKAR	V. Karunakar
11	17351A0311	U. KAVYA	U. Kavya
12	17351A0312	SK. KHALEEL BASHA	Sk. khaleel Basha
13	17351A0313	J. KIRAN KUMAR	J. Kiran Kumar
14	17351A0315	SK. MAHAMMAD JABIVULLA	SK. Mahammad Jabivulla
15	17351A0316	CH. MAHAMMAD SHAREEF	CH. M. Shareef
16	17351A0317	V.S. MAHENDRA REDDY	V.S.M. Reddy
17	17351A0318	A. MAHESH BABU	A. mahesh Babu
18	17351A0319	M. MANOJ KUMAR	M. Manoj Kumar
19	17351A0320	SK. MANSOOR AHAMMAD	SK. Mansoor Ahammad
20	17351A0321	T. MUNIRANGADU	T. Munirangadu
✓ 21	17351A0322	A. MUTHU	A. Muthu
22	17351A0323	T. NAVEEN KUMAR	T. Naveen Kumar
23	17351A0324	G. OBULESU	G. obulesu
24	17351A0326	G. PREM CHAND	G. Prem Chand
25	17351A0327	N. PREM KUMAR	N. prem Kumar
26	17351A0328	H. RAJESH	H. Rajesh
27	17351A0329	K. RAJESH	K. Rajesh
28	17351A0330	V. RAJKUMAR NAIK	V. Rajkumar Naik
29	17351A0331	V. SAI KRISHNA	V. Sai Krishna
30	17351A0332	G. SAI KUMAR	G. Sai Kumar



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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
31	17351A0333	G. SIVA KRISHNA	G. Sai Krishna
32	17351A0334	P. SURESH	P. Suresh.
33	17351A0335	D. SWAPNA	D. SWAPNA
34	17351A0336	P. VENKANNA	P. Venkanna
35	17351A0337	V. VENKATA RAO	V.V. Rao
36	17351A0339	K. VENKATESWARA RAO	K. Venkateswara Rao.
37	17351A0340	P. VENUGOPAL	P. Venugopal
38	17351A0341	D. VIJAY KUMAR	D. Vijay Kumar.
39	17351A0342	P. YESAIAH	P. Yesaiah
40	17351A0343	K. YESU BANGARAI AH	K. Yesu Bangarai ah
41	18355A0301	SK. ALLANABI	Sk. Allanabi
42	18355A0302	B. BALA RAJU	B. Bala Raju.
43	18355A0303	G. CHARLESS	G. charless
44	18355A0304	K. KIRAN KUMAR NAIK	K.K. kumar naik
45	18355A0305	K. MANISH	K. manish
46	18355A0306	N. NARENDRA KUMAR	N. Narendra kumar.
47	18355A0307	P. PRASAD NAIK	P. Prasad Naik
48	18355A0308	Y. RAJINI	Y. Rajini
49	18355A0309	G. RATNA BABU	G. Ratna Babu
50	18355A0310	T. VENKATA MANIKANTHA REDDY	T. Venkta manikantha reddy
51	18355A0311	B. VENKATA SAI	B. Venkatasai.
52	18355A0312	R. PRAKASH	R. prakash.
53	18355A0313	A. BHUVANESWARI	A. Bhuvanewari
54	16351A0302	P. BALUDU	P. baludu

Yedaw chud
Programme Coordinator

[Signature]
HOD OF ME
Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 326, Prakasam Dist.



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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on

SOLID WORKS

Schedule of program : 12-10-2020 to 23-10-2020

Venue : Seminar Hall

Organized by : Dept of MECHANICAL

Faculty : Mr D. Muralidgar Yadav

Designation : Associate Professor

Number of Participants : 54

Objectives of the Course:

- SOLIDWORKS makes it quick and simple to share designs in 2D or 3D formats, meaning you can get instant feedback and continue to work on your designs.
- Designs can even be shared as 3D animations, which allows you to accurately demonstrate new products and features.

Topics Covered:

- It's one of the most popular design and engineering software on the market.
- Known for its range of features and high functionality,
- SOLIDWORKS is used across multiple professions and industries around the world.
- SOLIDWORKS uses parametric design, which is why it's such an effective tool for designers and engineers.

Outcomes of the Course:

- To generate a Report, click Report (Simulation Command Manager), or Simulation > Report.
- Right-click a result plot icon and click Save As, to save a result plot in one of the available formats:
- eDrawings, Bitmap, JPEG, PNG, and VRML. You can save animations as AVI video files.

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Programme Coordinator

[Signature]
HOD OF ME
Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR (VI), PRAKASAM (Dist), A.P.

Dr. Samuel George Institute of Engineering & Technology

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 17-12-2020

All the students of **II B.Tech II SEM ECE** are hereby informed to attend the "A two week Certificate Programme on **PCB Design and Manufacturing** "and the Programming scheduled from **28-12-2020 to 11-01-2021** and is delivered by **Mr. K Maruthi Rao**. He will deliver the valuable information on respective programme. All the students must participate and make your career enlighten.

Programme Coordinator

HOD OF ECE

Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam (Dist)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of ICCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of Discipline, Hard Work and Value of Time and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100 Mbps Internet (Airtel) leased line. The institute has well ratified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-the-art equipment. It has monumental blocks – Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswaraya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Electronics & Communications Engineering and Digital Electronics and Communications Engineering.

The UG-ECE intake is 120 and PG-DECE intake is 36. The Department of ECE established state-of-the-art labs viz.,

Electronic Devices and Circuits, Pulse and Digital Circuits, Analog and Digital Communications, Microprocessors and Controllers, Microwave Engineering, VLSI and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, XILLINX, Mentor Graphics, etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. K.V.S.NARAYANA

Principal

PATRON

Prof. Ch. Raja Babu

Vice Principal

CONVENOR

Y.V. Adi Satyanarayana

Head of the Department
Electronics & Communications
Engineering

VENUE

Online Zoom Platform



Dr.SGIT



A Two week Certificate Programme

On

“PCB Designing and Manufacturing”

28-12-2020 to 11 -01-2021

CO-ORDINATOR

K Maruthi Rao

Department of
Electronics & Communications
Engineering

ORGANIZED BY

Department of
Electronics & Communications
Engineering

**Dr. Samuel George Institute of
Engineering & Technology,**

Affiliated to JNTUK,
Markapur – 523 320.

PRINCIPAL

**Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.**

TARGET AREAS

- Introduction about the PCB
- Understanding the steps and processes of PCB
- The type of PCB such as single sided
- Project1:- Design and develop 5 volts regulated power supply
- Project2:- Design and develop a simple 555 Ic base Astable multi vibrator
- Project3:-temperature controlled fan using 1 M 393 Comparator
- Explanation about the designing of PCB
- Developing the schematics of circuit
- Demonstrate of the process of printing
- File master operation
- Plan sheet cutting
- Remove the oxidation layer

REGISTRATION DETAILS


- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the II B Tech ECE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme On "PCB Designing and Manufacturing"

28-12-2020 to 11-01-2021

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:
(G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the A two week certificate programme on PCB Designing and Manufacturing at Dept of Electronics and communication Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

"A two week certificate programme on PCB Designing and Manufacturing"
Dept of Electronics and communication Engineering,
Dr Samuel George Institute Of Engineering and Technology
Mail ID: konidina.anu@gmail.com
Phone. No: 8125617265

Dr. Samuel George Institute of Engineering & Technology



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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on PCB Design and Manufacturing


Year: II B.Tech

Faculty Name: Mr. K Maruthi Rao

Academic Year: 2020-2021

28-12-2020	<ul style="list-style-type: none">Introduction about the PCB Explain about the terms like copper foil, art work silk screen, solder mask etc., related to PCB
29-12-2020	<ul style="list-style-type: none">Understanding the steps and processes of PCB making PCB the processes are namely tinning drilling and etching
30-12-2020	<ul style="list-style-type: none">The type of PCB such as single sided PCB printed through hole and multilayerIntroduction about PCB and proceeds to the software part three projects and their related circuits Project1:- Design and develop 5 volts regulated power supply
31-12-2020	<ul style="list-style-type: none">Project2:- Design and develop a simple 555 Ic base Astable multi vibratorProject3:-temperature controlled fan using 1 M 393 Comparator
02-01-2021	<ul style="list-style-type: none">Explanation about the designing of PCB circuit in PCB wizard software The process of designing the circuit
04-01-2021	<ul style="list-style-type: none">Developing the schematics of circuit design using industrial standard editor Auto routing of circuit design in PCB software practically
05-01-2021	<ul style="list-style-type: none">Illustration about the printing of circuit on the PCB. Demonstrate of the process of printing the circuit an PCB's.
06-01-2021	<ul style="list-style-type: none">PCB manufacturing process : Preparing art work, circuit printing, chemical etching, soldering mask and legend printing, tinning and placement of components.
07-01-2021	File master operation: 1.Observe precautions for lith film. 2. Carry out processes for developing and fixing of lith films. 3. Carry out processes for making negative and positive films. 4. Carry out processes of retouching of lith films. 5. Carry out processes for preparation of multi ups
08-01-2021	1. Plan sheet cutting. 2. Cut sheets by using shearing machines. 3. Make mounting holes/slots by using punching machines
09-01-2021	4. Carry out final cutting by using angular cutting machines. 5. Remove the oxidation layer from copper surface by manual cleaning, chemical process
11-01-2021	<ul style="list-style-type: none">After completion of theoretical session, two projects namely Astable multi vibrator and temperature controlled fan have to be done by the students.Finally soldering and testing of sample projects.


Programme Coordinator


HOD OFFICE
Head of the Department
Dept. of E C E
Dr. S. Prakasam (Distt) A.P.
Engineering & Technology
MARKAPUR-523 316, Prakasam(Dt.)

Dr. Samuel George Institute of Engineering & Technology

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Website : www.drsgiet.ac.in
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drsgit_35@yahoo.co.in

College Code : 35

Department: ECE

Academic Year: 2020-2021

Name of the Programme: A two week Certificate Programme on PCB Design and Manufacturing

List of students Enrolled/Completed: 93

Year: II B.Tech

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	19351A0401	DARSANAM AJAY KUMAR	D. Aravam
2	19351A0402	MUKKIDI ASHOK KUMAR	N. Ashok Kumar
3	19351A0403	ANANDAPALLI ATCHUTH	A. Atchuthi
4	19351A0404	PONTHATI ATHREYA REDDY	P. Athreya
5	19351A0405	DIVVELA BHAVYA	D. Bhavya
6	19351A0406	BANAVATH CHINNA VASTRAM NAIK	D. Babu
7	19351A0407	DUDEKULA DASTAGIRI BABU	D. Dastagiri Babu
8	19351A0408	VARIKUNTLA DEDEEPIYA	V. Deedepya
9	19351A0409	GUJJARLAPUDI DEVAKUMARI	G. Devakumari
10	19351A0410	REDDEPOGU GAYATHRI	R. Gayathri
11	19351A0411	CHATLA GOPI	C. Gopi
12	19351A0412	DOLA GOPI	D. Gopi
13	19351A0413	SHAIK GOUSE BASHA	S. Gouse
14	19351A0414	SULAM GURU GOPAL	S. Gopal
15	19351A0415	SHAIK HAZLIYANA	S. Hazliya
16	19351A0416	SYED JAFAR SADIK	Syed Jafar Sadik
17	19351A0417	BOPPARAJU JHANSI	B. Jhansi
18	19351A0418	KATTI KALYAN	K. Kalyan
19	19351A0419	MEKALA KONDAIAH	M. Kondiah
20	19351A0420	ERAKASANI LAKSHMI	E. Lakshmi
21	19351A0421	ADDAKULA LAKSHMI NARASIMHA NAIDU	A. Naidu
22	19351A0422	DEVISETTY LAKSHMI NARAYANA	D. Lakshminarayana
23	19351A0423	PAGADALA LAKSHMI PRASAD	P. Prasad
24	19351A0424	BEJAWADA LALITH KUMAR	B. Lalitha Kumari
25	19351A0425	YANGOLLA LEENA	Y. Leena
26	19351A0426	SHAIK MAHABOOB BASHA	S. Mahabob
27	19351A0427	SHAIK MAHAMMAD ALTHAF	S. Althaf
28	19351A0428	AVULA MAHESH	A. Mahesh
29	19351A0429	HARIJANA MAHESWARI	H. Maheswari
30	19351A0430	SHAIK MALIK BASHA	S. Malik
31	19351A0431	KADAVALA MANJULA	K. Manjula
32	19351A0432	KOMMUNURI MARIYAMMA	K. Mariyamma
33	19351A0433	BILLA MARY VARJEENIYA	B. Mary
34	19351A0434	KAMISETTY NAGARJUNA	K. Nagarajuna
35	19351A0435	JILLELA NARASIMHA REDDY	J. Narasimha Reddy
36	19351A0436	P H NARESH	P. Nareesh
37	19351A0437	BOMMANABOINA NAVEEN	B. Naveen
38	19351A0438	BANDARU NIRMALA	B. Nirmala
39	19351A0439	DADDANALA PAVANKUMAR REDDY	D. Pavankumar
40	19351A0440	PALAGIRI PEDDA MURTHI REDDY	P. Murthi Reddy
41	19351A0441	SANE PRADEEP	S. Pradeep
42	19351A0442	POTLA PREM KUMAR	P. Prem Kumar
43	19351A0443	JENNA PRIYANKA	J. Priyanka

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College Code : 35

44	19351A0444	MALLEPOGU RADHIKA	M. Radhika
45	19351A0445	PULUKURI RAJA KUMAR	P. Raja Kumar
46	19351A0446	GALI RAJAREDDY	G. Reddy
47	19351A0447	ALISYAM RAJASEKHAR REDDY	A. Rajam Reddy
48	19351A0448	POLIBOINA RAJESWARI	P. Rajeswari
49	19351A0449	GALI RAJYA LAKSHMI	G. Rajya Lakshmi
50	19351A0450	PADI RAMESH	P. Ramesh
51	19351A0451	DUDEKULA RASOOL BASHA	D. Rasha
52	19351A0452	SHAIK RAWOOF	Sh. Rawoof
53	19351A0453	CHAKALI SAILAJA	C. Sailaja
54	19351A0454	TAGARAM SAILAJA	T. Sailaja
55	19351A0455	DEVIREDDY SAINADH REDDY	D. Sainadh Reddy
56	19351A0456	ELASAGARAM SAISA	E. Saisa
57	19351A0457	SHAIK SARFARAJ	Sh. Sarfaraj
58	19351A0458	PERLA SASIDHAR REDDY	P. S. Reddy
59	19351A0459	KALAGOTLA SATHISH KUMAR REDDY	K. Satish
60	19351A0460	SHAIK SHAHID BASHA	Sh. Basha
61	19351A0461	PERUMALLA SHYAM	P. Shyam
62	19351A0462	GUMMA SIVA RAJU	G. Sivaraju
63	19351A0463	MALLEPOGU SPANDANA	M. Spandana
64	19351A0464	RAJARAPU SRAVANI	R. Sravani
65	19351A0465	REPALLE SRAVANI	R. Sravani
66	19351A0466	DEVANGAM SREEHARI	D. Sreehari
67	19351A0467	ERIGENABOINA SRIKANTH	E. Srikanth
68	19351A0468	THIRUMALAREDDY SRINIVASA REDDY	T. S. Reddy
69	19351A0469	MAJJARI SRINIVASULU	M. Srinivasulu
70	19351A0470	SINGAMSETTY SUMANTH	S. Sumanth
71	19351A0471	MUNAGANURI SUNIL KUMAR	M. Kumar
72	19351A0472	PALIGELLA SUREKHA	P. Surekha
73	19351A0473	PANTHANGI SURYAPRAKASH REDDY	P. S. Reddy
74	19351A0474	MADANAPU SWETHA	M. Swetha
75	19351A0475	MIDDE SYAMALA	M. Syamala
76	19351A0476	KOTHA TEJASWI	K. Tejal Aseemini
77	19351A0477	BADDALA UDAY KUMAR	B. Uday Kumar
78	19351A0478	GANDAGARI UMA	G. Uma
79	19351A0479	DOODI UMADEVI	D. Umadevi
80	19351A0480	ILLURI USHASRI	I. Ushasri

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81	19351A0481	MALLABATTINA VENKATA KRISHNA RAO	M. Krishna Rao
82	19351A0482	SALE VENKATA LAKSHMI	S. Venkata Lakshmi
83	19351A0483	PARSHA VENKATA LAKSHMI SOWMIKA	P. Sowrika
84	19351A0484	MARAMREDDY VENKATA NAGALAKSHMI	M. Venkata Nagalakshmi
85	19351A0485	KAYAKAKULA VENKATA NAGARAJU	Nagaraju
86	19351A0486	KONDA VENKATA NAGA SAI KUMAR	K. Sai Kumar
87	19351A0487	DONTHULA VENKATA PRATHAP	D. Venkata Prathap
88	19351A0488	TERLAGORLA VENKATA SAI	T. Sai
89	19351A0489	VIJAY KUMAR.K	K. Vijay
90	19351A0490	CHAKALI YOGENDRA BABU	G. Y. Babu
91	20355A0401	K.BHASKAR	K. Bhaskar
92	20355A0402	G.PANDU RANGA SWAMI	G. Pandu
93	20355A0403	P.VAMSI	P. Vamsi

Programme Coordinator

HOD OF ECE

Head of the Department
Dept. of E C E
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College Code : 35

PROGRAMME REPORT

Name of the Programme : A two week Certificate
Programme on **PCB Design and
Manufacturing**

Schedule of programme : 28-12-2020 TO 11-01-2021

Venue : Online Zoom Platform

Organized by : Dept of ECE

Faculty : Mr. K. Maruthi Rao

Designation : Assistant Professor

Number of Participants : 93

Objectives of this Course are:

This is a basic course for designing of PCB using software. PCB (Printed Circuit Board) designing is an integral part of each electronics products and this program is designed to make students capable to design their own projects PCB up to industrial grade...

Topics Covered:

1. Introduction to PCB designing concepts
2. Component introduction and their categories
3. Introduction to Development Tools
4. Detailed description and practical of PCB designing
5. Lab practice and designing concepts.
6. Soldering and testing
7. Circuit printing, chemical etching

Outcomes of the Course:

The students will be able to

1. Understand a single layer and multilayer PCB
2. Create and fabricate a PCB
3. Evaluate and test a PCB
4. Make a Industrial projects with PCB

Programme Coordinator

HOD OF ECE

Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam(Dt)

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College Code : 35

CIRCULAR

DATE: 08-02-2021

All the students of **III B.Tech II SEM ECE** are here by informed to attend the “A two week Certificate Programme on **Microprocessors and its Applications** “ and the Programming scheduled from **15-02-2021 to 28-02-2021** and is delivered by **Mr. K Rajesh**. He will deliver the valuable information on respective programme. All the students must participate and make your career enlighten.


Programme Coordinator


HOD OF ECE
Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam(Dt.)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps internet (Airtel) leased line. The institute has well-staffed and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-art equipment. It has monumental blocks
Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Electronics & Communications Engineering and Digital Electronics and Communications Engineering.

The UG-ECE intake is 120 and PG-DECE intake is 36. The Department of ECE established state-of-the-art labs viz., Electronic Devices and Circuits, Pulse and Digital Circuits, Analog and Digital Communications, Microprocessors and Controllers, Microwave Engineering, VLSI

and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, XILLINX, Mentor Graphics, etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S.NARAYANA

Principal

PATRON

PROF. CH. RAJA BABU

Vice Principal

CONVENOR

Y.V. ADI SATYANARAYANA

Head of the Department

Electronics & Communications
Engineering

VENUE

Online Zoom Platform.

CONF
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr.SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"MICROPROCESSORS AND ITS APPLICATIONS"

15-02-2021 TO 28-02-2021

CO-ORDINATOR

K RAJESH

Department of

Electronics & Communications
Engineering

ORGANIZED BY

Department of

Electronics & Communications
Engineering

Dr. Samuel George Institute of
Engineering & Technology,

Affiliated to JNTUK,

Markapur - 523 320

TARGET AREAS

- Introduction to Microprocessors
- Architectures of 8086 Microprocessors
- Instructions set of Microprocessors
- String Operations, procedures and Macros
- Interrupt Architecture of 8086
- Interfacing Memory devices
- Interfacing Key board and displays
- Applications of Microprocessors

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech ECE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM


A Two week Certificate Programme

On

“Microprocessors and its applications”

15-02-2021 TO 28-02-2021.

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:
(G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the A two week certificate programme on **Microprocessors and Its Applications** at Dept of Electronics and communication Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A two week certificate programme on **Microprocessors and Its Applications**” Dept of Electronics and communication Engineering.

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: RAJESH.KKA36@GMAIL.COM
PHONE. NO: 9704438346

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College Code : 35

SCHEDULE

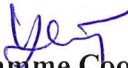
Title of the Certification: A two week Certificate Programme on Microprocessors and its Applications

Year: III B.Tech

Faculty Name: Mr. K Rajesh

Academic Year: 2020-2021

15-02-2021	Introduction to Microprocessors
16-02-2021	Architectures of 8086 Microprocessors
17-02-2021	Instructions set of Microprocessors
18-02-2021	String Operations, procedures and Macros
19-02-2021	Interrupt Architecture of 8086
20-02-2021	Interfacing Memory devices
22-02-2021	Interfacing Key board and displays
23-02-2021	Interfacing the 8253/8254
24-02-2021	Multiprocessor Systems 8086 and 8087
25-02-2021	Concepts of Microcontrollers
26-02-2021	Applications of Microprocessors
27-02-2021	Real time operating systems
28-02-2021	Basic actuators and sensors devices


Programme Coordinator

HOD OF ECE
Head of the Department
Dept. of E C E
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MARKAPUR (M), PRAKASAM (Dist), A.P.

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College Code : 35

Department: ECE

Academic Year: 2020-2021

Name of the Programme: A two week Certificate Programme on Microprocessors and its Applications

List of students Enrolled/Completed: 103

Year: III B.Tech

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	18351A0401	DOKKA AJAY KUMAR	Dokka Ajay Kumar.
2	18351A0402	KATAMREDDY ALEKYAREDDY	Katamreddy Alekyareddy
3	18351A0403	CHALLAGUNDLA AMULYA	Challagundla Amulya
4	18351A0404	DUGGEPOGU ASHOK KUMAR	D. Ashok Kumar
5	18351A0405	VADDE BHARATHI	V. Bharathi
6	18351A0406	KOTAPATI BHASKAR	K. Bhaskar.
7	18351A0407	KAJJAYAM CHARISHMA	K. Charishma
8	18351A0408	PERURI CHENNA RAYUDU	P. Chenna Rayudu
9	18351A0409	KUKATLAPALLI DANIEL	K. Daniel
10	18351A0410	YANDRAPATI DEDEEPIYA	Y. Dedeepya
11	18351A0411	G DHANUNJAYA REDDY	G. Dhannunjaya reddy.
12	18351A0412	KOTA DIVYA RANI	Kota Divya Rani
13	18351A0413	SHAIK FAYAZ	Shaik Fayaz
14	18351A0414	CHITTEM GANESH	Chittem Ganesh.
15	18351A0415	ANNALAYAGARI HARIKA	A. Harika.
16	18351A0416	CHERUKUPALLI HARSHITHA	C. Harshitha
17	18351A0417	ERAKASANI INDU	E. INDU
18	18351A0418	SHEIK IRFAN BABA	S. Irfan baba
19	18351A0419	SHAIK MOHAMMAD RAFI	S. Mohammad Rafi
20	18351A0421	BADAM JITHENDRA KUMAR	B. Jithendra Kumar.
21	18351A0422	GUNDLA KALYAN KUMAR	G. Kalyan Kumar
22	18351A0423	NAYAKANTI KARUNAMMA	N. Karunamma.
23	18351A0424	NARU KONDA GURUVULU	N. Guruvulu
24	18351A0425	GURRAM KRISHNA KUMAR	Gurram Krishna Kumar
25	18351A0426	VULLI KRISHNAVENI	Valli Krishna Venk
26	18351A0427	DIBBAMADUGU LAKSHMI DEVI	D. Lakshmi Devi
27	18351A0428	VENNA LAKSHMI SRINIVASAREDDY	V. Srinivasa reddy
28	18351A0429	AADONI LOKESH	A. Lokesh
29	18351A0430	SYED MAHABOOB BASHA	S. Mahabob basha
30	18351A0431	PEYYALA MAHESWARI	P. Maheswari
31	18351A0432	GORENTLA MALLIKARJUNA	G. Mallikarjuna
32	18351A0433	KOTAPATI MALLIKARJUNARAO	K. Mallikarjuna Rao
33	18351A0434	PATHERAPU MANIKANTA	P. Manikanta.
34	18351A0435	PARISAPOGU MARIYAMMA	P. Mariyamma
35	18351A0436	MAMILLA MEENA KUMARI	Mamilla Meena Kumari
36	18351A0437	HOSPET MOHAMMED NATHIK VALI	Hospet Mohammed Nathik Vali
37	18351A0438	MADDULA NAGA JYOTHI	M. Naga Jyothi
38	18351A0439	NANDURI NAGARAJU	N. Nagaraju
39	18351A0440	UDUMULA NAGARJUNA REDDY	U. Nagarjuna Reddy.
40	18351A0441	PAMISSETTY NAGENDRA PRASAD	P. Nagendra prasad
41	18351A0443	NAYAKANTI PARIMALA	N. Parimala
42	18351A0444	GANNARAPU PAVAN	G. Pavan
43	18351A0445	VENNA PAVAN KUMAR REDDY	V. Pavankumar reddy

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44	18351A0446	YERRAMPALLI PRANAY KUMAR	Y. Pranay Kumar
45	18351A0447	PATAN RAHAMTULLA	P. Rahamtulla
46	18351A0448	SONTI RAJAMOHAN REDDY	Sonti Raja Sekhar Reddy
47	18351A0449	TATHIREDDY RAJASEKHAR REDDY	Tathireddy Rajasekhar Reddy
48	18351A0450	AASA RAMADEVI	A. Ramadevi
49	18351A0451	ANKE RAMALAKSHMI	A. Ramalakshmi
50	18351A0452	METTEKAYALA RAMESH	M. Ramesh
51	18351A0453	GOLLAPALLI RAVALI	G. Raval
52	18351A0454	KONKALA RAVINDRA	K. Ravindra
53	18351A0455	DONDAPATI RECHAL	D. Rechal
54	18351A0456	PASUPALA SAGAR	P. Sagar
55	18351A0457	TUMMETI SAI KRISHNA CHAITANYA	T. Sai Krishna Chaitanya
56	18351A0458	ARAKALA SAI KRISHNAREDDY	A. Sai Krishna Reddy
57	18351A0459	RAMAVATH SALAMMA	Ramavath Salamma
58	18351A0460	THONTLA SAMARASIMHA REDDY	Thontla Samarasimha Reddy
59	18351A0461	ULLI SANDHYARANI	U. Sandhyarani
60	18351A0462	SURE SHIVA SHRAVAN KUMAR	S. Shraavan Kumar
61	18351A0463	MADASU SRAVANI	M. Sarvani
62	18351A0464	KAMALAPURAM SREENU	K. Sreenu
63	18351A0465	MYLARI SUDHAKAR	M. Sudhakar
64	18351A0466	SANDHYAPOGU SUKANYA	S. Sukanya
65	18351A0467	AAKULA SUMANTH	A. Sumanth
66	18351A0468	CHAKALI SUPRIYA	C. Supriya
67	18351A0469	RAPALLI SURENDRA	R. Surendra
68	18351A0470	SANGANA SURENDRA REDDY	Sangana Surendra Reddy
69	18351A0471	KALVA SUSMITHA	Kalva Susmitha
70	18351A0472	SYED SYFFULLA	S. Syffulla
71	18351A0473	SYED TASLEEM TANVEER	S. Tanveer
72	18351A0474	DIGADARI UMADEVI	D. Umadevi
73	18351A0475	KURUKUNDA VAMSHI KRISHNA	K. Vamshi Krishna
74	18351A0476	BANAVATH VAMSI NAIK	B. Vamsi Naik
75	18351A0477	THOTA VENKATA ANITHA	T.V. Anitha
76	18351A0478	MODIGARI VENKATA KAVYA	M.V. Kavaya
77	18351A0479	GADWALA VENKATA RAMANA	G. Venkata Ramana
78	18351A0480	GURRAM VENKATA RAMANA	G. Venkata Ramana
79	18351A0481	BHUMIREDDY VENKATA RAMI REDDY	B. Venkata Rami Reddy
80	18351A0482	BHAVANAM VENKATA REDDY	B. Venkata Reddy
81	18351A0483	YADAVALLI VENKATA SHIRISHA	Y. Venkata Shirisha

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College Code : 35

82	18351A0484	GAJVALLI V SIVA LAKSHMI NARAYANA	G. sivalakshmi
83	18351A0485	PANDILLA VENKATA SUBBIAH	pandilla venkata Subbiah
84	18351A0486	G.V. SUBBULU	G.V. Subbulu
85	18351A0487	DASARI VENKAT SACHIN	D. Venkat sachin
86	18351A0488	MADHIRE V BHASKARA REDDY	M.V. Bhaskarareddy.
87	18351A0489	UPPARI VIJAY KUMAR	U. Vijay Kumar
88	18351A0490	KOLKAN VINEETH	K. vineeth.
89	19355A0401	B. AJAY KUMAR	B. Ajay Kumar
90	19355A0402	E. ASHOK KUMAR	E. Ashok Kumar
91	19355A0403	V. CHAITANYA	V. Chaitanya
92	19355A0404	A. DEENA RANI	A. Deena Rani
93	19355A0405	P. DEEPIKA	P. Deepika.
94	19355A0406	S. JAYALALITHA	S. Jayalalitha
95	19355A0407	G. NIRANJAN BABU	G. Niranjana Babu
96	19355A0408	A. RATHANAVALLI	A. Ratnavalli
97	19355A0409	B. SREELEKHA	B. Sreelekha
98	19355A0410	R. SUKANYA	R. Sukanya
99	19355A0411	B. THARA DEVI	B. Thara Devi
100	19355A0412	SK. KARISHMA	SK. Karishma
101	17355A0439	M. NAGESWARA NAIK	M. Nageswara Naik
102	17355A0443	B. PRASANNANJANEYULU	B. Prasannanjaneyulu
103	17355A0453	M. SAI KIRAN	M. Sai Kiran

Programme Coordinator

HOD OF ECE
Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam.

Dr. Samuel George Institute of Engineering & Technology

Approved By AICTE, New Delhi & Affiliated to JNTUK, KAKINADA.
An ISO 9000 : 2001 Certified Institution



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drsgit_35@yahoo.co.in

College Code : 35

PROGRAMME REPORT

Name of the Programme : A two week Certificate Programme on **Microprocessors and its Applications**
Schedule of programme : **15-02-2021 to 28-02-2021**
Venue : Online Zoom Platform
Organized by : Dept of ECE
Faculty : Mr. K Rajesh
Designation : Assistant Professor
Number of Participants : 103

Objectives of this Course are:

To provide solid foundation on the fundamentals of microprocessors and applications, interfacing the external devices to the processor according to the user requirements thus, enabling to create novel products and solutions for real time problems

1. Understand the architecture of 8085 and 8086.
2. Impart the knowledge about the instruction set.
3. Understand the basic idea about the data transfer schemes and its applications.
4. Develop skill in simple program writing for 8085 & 8086 and applications.

Learning Outcomes

1. Understand the fundamentals of Microprocessors.
2. Understand the internal design of 8051 microcontroller along with the features and their programming.
3. Competent with the on chip peripherals of microcontrollers.
4. Design different interfacing applications using microcontrollers and peripherals.
5. Demonstrate the limitations and strengths of different types of microcontrollers and their comparison.
6. Build systems using microcontrollers for real time applications.


Programme Coordinator

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Head of the Department
Dept. of ECE
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Kakinada, UR-523 316, Prakasam(Dt.), A.P.

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College Code : 35

CIRCULAR

DATE: 11-01-2021

All the students of IV B.Tech II SEM ECE are here by informed to attend the "A two week Certificate Programme on IOT Using Arduino " and the Programming scheduled from 18-01-2021 to 01-02-2021 and is delivered by Mr. M. V. Narasimha Reddy. He will deliver the valuable information on respective programme. All the students must participate and make your career enlighten.

M.V. Narasimha Reddy

Programme Coordinator


HOD OF ECE

Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARKAPUR-523 316, Prakasam(Dt.)

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps internet (Airtel) leased line. The institute has well staffed and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks
Dr. B.R. Ambedkar, Sir. C.V. Raman,
Dr. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Electronics & Communications Engineering and Digital Electronics and Communications Engineering.

The UG-ECE intake is 120 and PG-DECE intake is 36. The Department of ECE established state-of-the-art labs viz., Electronic Devices and Circuits, Pulse and Digital Circuits, Analog and Digital Communications, Microprocessors and Controllers, Microwave Engineering, VLSI

and Digital Signal Processing etc. to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's like MATLAB, CCStudio, Multisim, XILLINX, Mentor Graphics, etc..

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

DR. K.V.S.NARAYANA

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

Y.V. ADI SATYANARAYANA

Head of the Department

Electronics & Communications
Engineering

VENUE

Online Zoom
Platform.



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

IOT USING ARDUINO

18-01-2021 TO 01-02-2021

CO-ORDINATOR

M V NARASIMHA REDDY

Department of
Electronics & Communications
Engineering

ORGANIZED BY

Department of
Electronics & Communications
Engineering

Dr. Samuel George Institute of
Engineering & Technology,

Affiliated to JNTUK,

Markapur – 523 320.

Handwritten signature
PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.

TARGET AREAS

- IOT Architecture and protocols
- IOT Communication Technologies, Challenges in IOT
- Arduino Uno Architecture Setup the IDE
- Basics of Embedded C programming for Arduino Interfacing LED
- Motion, Light and Gas Sensor with Arduino Web server- introduction, installation, configuration
- M2M vs. IOT Communication Protocols
- Interfacing of Relay Switch and Servo Motor with Arduino
- Cloud services -- SaaS, PaaS, IaaS

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the IV B Tech ECE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme

On

“IOT Using Arduino”

18-01-2021 TO 01-02-2021

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:

(G-Mail Preferably)


PRINCIPAL

Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the A two week certificate programme on **IOT Using Arduino** at Dept of Electronics and communication Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

“A two week certificate programme on **IOT Using Arduino**” Dept of Electronics and communication Engineering,

DR SAMUEL GEORGE INSTITUTE OF
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MAIL ID: MUKKUVENKATA@GMAIL.COM
PHONE. NO: 9885357717

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College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on IOT Using Arduino **Year:** IV B.Tech
Faculty Name: Mr. M.V.Narasimha Reddy **Academic Year:** 2020-2021

18-01-2021	Understanding IOT fundamentals, IOT Architecture and protocols, Various Platforms for IOT.
19-01-2021	Real time Examples of IOT, Overview of IOT, components and IOT Communication Technologies, Challenges in IOT
20-01-2021	Arduino Uno Architecture Setup the IDE, Writing Arduino Software, Arduino Libraries.
21-01-2021	Basics of Embedded C programming for Arduino Interfacing LED, push button and buzzer with Arduino, Interfacing Arduino with LCD.
22-01-2021	Overview of Sensors working Analog and Digital Sensors, Interfacing of Temperature, Humidity, Motion, Light and Gas Sensor with Arduino.
23-01-2021	Motion, Light and Gas Sensor with Arduino
25-01-2021	Interfacing of Actuators with Arduino., Interfacing of Relay Switch and Servo Motor with Arduino
27-01-2021	Basics of Wireless Networking Introduction to ESP8266 Wi-Fi Module, Various Wi-Fi library.
28-01-2021	Web server- introduction, installation, configuration Posting sensor(s) data to web server.
29-01-2021	M2M vs. IOT Communication Protocols.
30-01-2021	Virtualization concepts and Cloud Architecture Cloud computing, benefits, Cloud services -- SaaS, PaaS, IaaS
01-02-2021	Cloud providers & offerings Study of IOT Cloud platforms, Thing Speak API and MQTT, Interfacing ESP8266 with Web services.

M.V. Narasimha Reddy

Programme Coordinator

HOD OF ECE

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College Code : 35

Department: ECE

Academic Year: 2020-2021

Name of the Programme: A two week Certificate Programme on IOT Using Arduino

List of students Enrolled/Completed: 63

Year: IV B.Tech

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	17351A0401	SHAIK AFREED HUSSAIN	S. AFREED HUSSAIN
2	17351A0402	BONTHALA AKHIL	B. Akhil
3	17351A0403	SIRDHALA ANITHA	S. Anitha
4	17351A0408	VIDUDALA BUELA	V. Bueela
5	17351A0409	KODAVATIKANTI CHANDRA KALA	K. Chandra kala.
6	17351A0410	PALLEBOINA CHINNA LALAI AH	P. Chinna Lakshmi
7	17351A0411	CHINTHALA DEEVENA	Chinthala Deevana
8	17351A0412	PERIKALA DIVYA	P. Divya
9	17351A0413	UPPARA GANGADRI	U. Gangadri
10	17351A0416	SAKE HARIKAA	S. Harika
11	17351A0417	RODDAM JAYANTHKUMAR	R. Jayanth Kumar
12	17351A0418	VEERLA SRAVANTHI	V. Sravanthi
13	17351A0419	RAJARAPU JYOTHSNA	R. Jyothsna
14	17351A0420	N KALPANA	N. kalpana
15	17351A0421	DEVISETTY KANAKA LAKSHMI DURGAVATHI	D. kanaka Lakshmi Durgavathi
16	17351A0422	GOLLA KANYA DHARANI	G. Kanya dharani
17	17351A0423	VARAGANI KEZIA	Varagani Kezia
18	17351A0425	CHANDOLU KOTASIRICHANDANA	Chandolu kotasirichandana.
19	17351A0426	BATCHALAKURI KUMARI	Batchalakuri kumari
20	17351A0427	MALLEBOINA LAKSHMI NEELIMA	Malleboina lakshmi neelima
21	17351A0428	DASARI LALINI	Dasari Lalini
22	17351A0429	VETTI LATHA	Vetti latha
23	17351A0430	JALAJANKALA MADHAN KUMAR	Jalajan kala madhan kumar
24	17351A0431	J MANJULA	J Manjula
25	17351A0433	KANDULA MARIYA BABU	Kandula mariyababu
26	17351A0434	DUGGEM MOUNIKA	Duggem mounika
27	17351A0435	GN MURALI KRISHNA	Gn murali krishna
28	17351A0436	BAREDDY NAGA JYOTHI	Bareddy naga jyothishi
29	17351A0437	BAIREDDY NAGA LAKSHMI	Baireddy naga lakshmi
30	17351A0438	NAMBULA NAGENDRABABU	Nambula nagenra Babu
31	17351A0440	BADDIGAM NASARAREDDY	B. Nasarareddy
32	17351A0442	C PAVITHRA	C. Pavithra
33	17351A0445	MALLEPULA PRIYANKA	M. Priyanka
34	17351A0446	SANKULA PRIYANKA	S. priyanka.
35	17351A0447	PASUPULETI RAFI	P. Rafi
36	17351A0448	JANAPATI RAJASEKHAR	J. Rajasekhar
37	17351A0449	PEDDAPOGU RAJA SWETHA	P. Raja Swetha
38	17351A0452	PAIDIPOGU RINCI RANI	P. Rinci Rani
39	17351A0454	MUDAVATH SAI KIRAN NAIK	M. Sai kiran naik
40	17351A0456	KOTHACHERUVU SAINATH REDDY	K. Sainath Reddy
41	17351A0457	VALAPARLA SAMPATH KUMAR	V. sampath kumar
42	17351A0458	MADURI SANDHYARANI	M. sandhya Rani
43	17351A0459	GANNE SHANTHA	G. shantha

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College Code : 35

44	17351A0460	VANGEPURAPU SHARMILA	V. sharmila.
45	17351A0461	MALE SHOBHARANI	M. shobharani.
46	17351A0463	PIDUGU SREEDHAR	P. Sreedhar.
47	17351A0464	VUKKUSILA SREEMANVITHA	V. Sreemanvitha.
48	17351A0465	NADIMPALLI SREENATH	N. Sreenath.
49	17351A0466	MADURI SRILAKSHMI	M. Sri Lakshmi.
50	17351A0467	CHALLA SURENDRA	C. Surendra.
51	17351A0468	JANGAMNAGAPPAGARI SWETHA	JANGAMNAGAPPAGARI SWETHA
52	17351A0469	KONDETI SYAMALA	kondeti syamala.
53	17351A0470	SAKE VANI	sake vani.
54	17351A0471	PEDDINENI VEERAVENKATARAMANA	Peddineni Veeravenkata Ramana.
55	17351A0473	MANEPALLI VENKATA NAGENDRA PAVAN KUMAR	manepalli venkata nagendra pavan kumar.
56	17351A0475	BHODANAPU VENKATESWARA REDDY	BhodaNapu venkateswara reddy.
57	17351A0476	JAJA VENKATESWARLU	jaja venkateswarlu.
58	17351A0477	M VIJAY KUMAR	M. Vijay Kumar.
59	17351A0479	M YELAGONDAIAH	M. Yelagondiah.
60	18355A0401	J LAKSHMI SAILAJA	J. Lakshmi sailaja.
61	18355A0402	M SAI RADHIKA	M. Sai radhika.
62	18355A0403	CH SUDHAKAR	Ch. Sudhakar.
63	18355A0404	K YARRAIAH	K. Yarraiah.

M.V. Navasimha Reddy
Programme Coordinator


HOD OF ECE
Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
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College Code : 35

PROGRAMME REPORT

Name of the Programme : A two week Certificate
Programme on **IOT**
Using Arduino

Schedule of programme : **18-01-2021 to 01-02-2021**

Venue : Online Zoom Link

Organized by : Dept of ECE

Faculty : Mr. M .V. Narasimha Reddy

Designation : Assistant Professor

Number of Participants 63

Objectives of this Course are:

This Course focuses on hands-on IOT concepts such as sensing, actuation and communication. It covers the development of Internet of Things (IOT) prototypes—including devices for sensing, actuation, processing, and communication—to help you develop skills and experiences. The Internet of Things (IOT) is the next wave, world is going to witness. Today we live in an era of connected devices the future is of connected things.

Learning Outcomes

After the completion of the course, the students will be able design some IOT based prototypes

Collect and analyze telemetry from connected sensors, devices, and equipment for real-time tracking, monitoring, management, and remote control.

M. V. Narasimha Reddy
Programme Coordinator


HOD OF ECE

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College Code : 35

CIRCULAR

DATE: 19-07-2020

All the students of II – B.Tech I – Semester CSE are hereby informed to attend the **A TWO WEEK CERTIFICATE PROGRAMME ON CRYPTO CURRENCY AND CYBER SECURITY** and the programme Scheduled from **31-07-2020** to **13-08-2020** and is delivered by **Mr.V.EMANUEL RAJU**. He will deliver the valuable information on the respective programme. All the students must participate and make your career enlighten.


PROGRAMME COORDINATOR


HOD-CSE

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIET, Markapur, Prakasam(Dt), A.P.

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also have 100 Mbps internet (Airtel) leased line. The institute has well equipped and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks -
Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Computer Science and Engineering.

The UG-CSE intake is 120 and PG-CSE intake is 36. The Department of CSE established state-of-the-art labs viz., PPSUC lab, Python Programming lab, C++ Lab, DBMS lab, Java programming lab, Data Structures lab, Compiler Design Lab, UML Lab, Artificial Intelligence lab.

and to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's.

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. K V S NARAYANA

Principal

PATRON

Prof. CH. RAJA BABU

Vice Principal

CONVENOR

Dr. P.P.S. Naik

Head of the Department

Computer Science and Engineering

VENUE

Online Zoom Platform.

PRINCIPAL

Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

CRYPTO CURRENCY AND
CYBER SECURITY

31-07-2020 TO 13-08-2020

CO-ORDINATOR

V. EMANUEL RAJU

Department of

Computer Science and
Engineering

ORGANIZED BY

Department of

Computer Science and
Engineering

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK, KAKINADA.

Markapur – 523 320.

TARGET AREAS

- Recall the network security fundamentals.
- Employ various symmetric ciphers.
- Apply asymmetric ciphers and data integrity algorithms.
- Explore the basics of cryptocurrencies.
- Use Ethereum programming

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the II B Tech CSE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme

On

Crypto Currency and Cyber Security

31-07-2020 TO 13-08-2020

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:

(G-Mail Preferably)


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the two week certificate programme on **Crypto Currency and Cyber Security** Dept of Computer Science and Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority
DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of in ability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

A Two weeks certification programme on "**Crypto Currency and Cyber Security**"

Dept of Computer Science and Engineering.,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: emanuel.deepa@gmail.com

PHONE: 8555970434

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College Code : 35

**Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON CRYPTO CURRENCY
AND CYBER SECURITY**

Faculty Name: Mr.V.EMANUEL RAJU

Year: II-B.Tech

Academic Year: 2020-2021

Day	Topic Covered
Day 1	Introduction to Cyber Security, Need for security, Concept of Cyber Space, Cyber Crimes and Cyber- attack.
Day 2	Fundamental security principles – threats, attacks and vulnerability. Key Security triad – Confidentiality, Integrity and Availability. Key components of cybersecurity network architecture
Day 3	Introduction to basic Security Management and Policies - Authentication, Authorization, Access control, Identification and Accounting.
Day 4	Cryptography – Private key Cryptography - Classical Encryption Techniques
Day 5	Substitution Techniques - Transposition Techniques - Rotor Machines - Steganography
Day 6	Data Encryption Standard - Advanced Encryption Standard - Multiple Encryption and Triple DES
Day 7	Public-Key Cryptography - RSA algorithm - Diffie-Hellman Key Exchange - Elgamal Cryptographic System - Elliptic Curve Arithmetic - Elliptic Curve Cryptography
Day 8	MD5 message digest algorithm - Secure hash algorithm (SHA) Digital Signatures: Digital Signatures - authentication protocols - digital signature standards (DSS) - proof of digital signature algorithm
Day 9	History, A basic crypto currency, Creation of coins, Payments and double spending, Bitcoin – Digital Signatures as Identities
Day 10	eWallets – Personal Crypto security - Bitcoin Mining – Mining Hardware – Energy Consumption – Mining Pools – Mining Incentives and Strategies.
Day 11	The Ethereum Network – Components of Ethereum Ecosystem – Ethereum Programming Languages: Runtime Byte Code,
Day 12	Blocks and Blockchain, Fee Schedule – Supporting Protocols – Solidity Language.

PROGRAMME COORDINATOR

HOD - CSE

**HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIET, Markapur, Prakasam(Dt), A.P.**

Dr. Samuel George Institute of Engineering & Technology

Approved By AICTE, New Delhi & Affiliated to JNTUK, KAKINADA.
An ISO 9000 : 2001 Certified Institution



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drsgit_35@yahoo.co.in

College Code : 35

Department of Computer Science and Engineering

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON CRYPTO CURRENCY
AND CYBER SECURITY


List of Students Enrolled/Completed: 89

Year:II-B.Tech

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	SIGNATURE
1	19351A0501	R. AKHILA	R. Akhila
2	19351A0502	B. AKHILA BAI	B. Akhila Bai
3	19351A0503	R. AKHILA REDDY	R. Akhila Reddy
4	19351A0504	G. ANJANI	G. Anjani
5	19351A0505	J. ANJI REDDY	J. Anji Reddy
6	19351A0506	S. ARUNA JYOTHI	S. Aruna jyothi
7	19351A0507	BHARGAV P	Bhargav P.
8	19351A0508	K. BHAVANI SANKAR	K. Bhavani Shankar
9	19351A0509	M. CHANDANA	M. Chandana
10	19351A0510	Y.CHANDRAKALAVATHI	Y. Chandrakalavathi
11	19351A0511	S. CHINNAIAH	S. Chinnaiah
12	19351A0513	J. GOWTHAM	J. Gowtham
13	19351A0514	V. GOWTHAMI	V. Gowthami
14	19351A0515	N. G.N. PRATHAP	N.G.N. Prathap
15	19351A0516	K. HARINDRA REDDY	K. harindra reddy
16	19351A0517	N. JAYA DEEPTHI	N. Jaya deepthi
17	19351A0518	D. JITHENDRA	D. Jithendra
18	19351A0519	CH. JYOTHI	CH. Jyothi
19	19351A0520	V. JYOTHI	V. Jyothi
20	19351A0521	SK. KAREEMULLA	SK. Kareemulla
21	19351A0522	E. KARTHIK	E. karthik
22	19351A0523	Y. KEERTHI REDDY	Y. Keerthi Reddy
23	19351A0524	D. KHASIM SAHEB	D. Khasim saheb
24	19351A0525	M. LAKSHMIKANTHA REDDY	M. Laleshmi kantha reddy
25	19351A0526	M. LAKSHMI PRASANNA	M. lakshmi Prasanna
26	19351A0527	G. LOKESH	G. Lokesh
27	19351A0528	G. LOKESH REDDY	G. Lokesh Reddy
28	19351A0529	D. MADHAVILATHA	D. Madhavilatha
29	19351A0530	S. MANISHA	S. Manisha
30	19351A0531	S. MANJULA	S. Manjula
31	19351A0532	SK. MOHAMMAD AKIB	Sk. Mohammad Akib

32	19351A0534	CH. NAGA JYOTHI	ch. naga jyothi
33	19351A0535	J. NGAMANI	J. nagamani
34	19351A0536	M. NAGAPPA	M. Nagappa
35	19351A0537	M. NAGAVENI	M. Nagaveni
36	19351A0538	G. NANDHINI	G. Nandhini
37	19351A0539	M. NAVYA	M. Navya
38	19351A0540	SK. NISSAR AHAMAD	SK. nissar ahamad.
39	19351A0541	V. NITHISH	V. nithish
40	19351A0542	B OUJA LAKSHMI	B. ouja lakshmi
41	19351A0543	V PRASANNA KUMAR	V. prasanna kumar
42	19351A0544	E. PRASANTHI	E. prasanthi
43	19351A0545	G. PRATHYUSHA	G. Prathyusha
44	19351A0546	P. PRATHYUSHA	P. Prathyusha
45	19351A0547	T. PRATHYUSHA	T. prathyusha
46	19351A0548	N. PRAVALLIKA	N. Pravallika
47	19351A0549	K. PRAVEEN KUMAR	K. praveen kumar
48	19351A0550	A. PRIYA	A. priya
49	19351A0551	K. RAASI	K. Raasi
50	19351A0552	V. RAJA SEKHARA REDDY	V. Raja sekhar Reddy
51	19351A0553	P. RAJESH KUMAR	P. Rajesh kumar
52	19351A0554	Y. RAKESH	Y. Rakesh
53	19351A0555	M. RAMAKRISHNA	m. Ramakrishna
54	19351A0556	D. RANGA RAJU	D. Ranga Raju
55	19351A0557	CH. RANGAVANI	CH. Rangavani
56	19351A0558	P R. K. VENKATA LOKESH	P.R.K. Venkata lokesh
57	19351A0559	U. RITHWIK REDDY	U. Rithwik Reddy
58	19351A0560	SK. RUFIA BANU	SK. Rufiya Banu
59	19351A0561	M. SAI KALPANA	M. sai kalpana
60	19351A0562	M.SAI KUMAR	M. sai kumar
61	19351A0563	K. SAINADH REDDY	K. sainadh Reddy
62	19351A0564	N. SAINATH	N. Sainath
63	19351A0565	SK. SAMIYA	S.K. Samiya
64	19351A0566	A. SANDEEPA	A. Sandeepa
65	19351A0567	S. SANDHYA	S. sandhya
66	19351A0568	M. SARASWATHI	M. Saraswathi
67	19351A0569	SD. SHOAB AKTHAR	SD. SHOAB Akthar
68	19351A0570	R. SIRISHA	R. sirisha
69	19351A0571	A. SIVA SANKAR	A. siva Sankar
70	19351A0572	CH. SREEVALLI	CH. Sreevalli
71	19351A0573	T. SRINIVASA RAO	T. srinivasa Rao
72	19351A0574	G. SRINU	G. Srinu
73	19351A0575	U. SUBBAREDDY	U. subba reddy
74	19351A0576	I. SUBHASHINI	I. subhashini
75	19351A0577	T. SUDEEPTHI	T. sudeepthi
76	19351A0578	U.SUMANTH	U. Sumanth
77	19351A0579	B. SUPRIYA	B. supriya

78	19351A0581	S. VAMSI KRISHNA	S. Vamsi Krishna
79	19351A0582	J. VARSHITHA	J. Varshitha
80	19351A0583	G.VEERANJINEYULU	G. veeranjineyulu
81	19351A0584	P. VENKATA AVINASH	P. Venkata Avinash
82	19351A0585	A.V. BHASKAR REDDY	A.v. Bhaskar reddy
83	19351A0586	G.V. LAKSHMI TANUJA	G.V. Lakshmi tanuja
84	19351A0587	V V SAI KIRAN REDDY	V.V Sairkiran reddy
85	19351A0588	K.V SAI TEJESWAR REDDY	Kv sai Tejeswar reddy.
86	19351A0590	D. V. SIREESHA	D.V Sireesha
87	19351A0591	G.VIJAYA KUMARI	G. Vijaya Kumari
88	19351A0592	CH. VIKAS	Ch. Vikas
89	19351A0593	A. VINAY	A. Vinay


PROGRAMME COORDINATOR


HOD-CSE

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
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College Code : 35

Programme Report

Name of the Programme: TWO WEEK CERTIFICATE PROGRAMME ON CRYPTO CURRENCY AND CYBER SECURITY

Duration: 31-07-2020 to 13 -08-2020

Resource Person details: V. EMANUEL RAJU, Assistant Professor, SGIT, Markapur.

Number of Students attended: 89

Dr. Samuel George Institute of Engineering And Technology organized “TWO WEEK CERTIFICATE PROGRAM ON CRYPTO CURRENCY AND CYBER SECURITY” for II Year B.Tech students by the resource person V.EMANUEL RAJU from 31-07-2020 to 13-08-2020. This training was conducted to train students for upcoming campus recruitment drives. All the students participated energetically and they were able to know the following objectives and learning outcomes.


Program Objectives:

- To understand the fundamentals of network and symmetric ciphers.
- To apply asymmetric ciphers and data integrity algorithms.
- To explore the basics of cryptocurrencies and use Ethereum programming.

Program Outcomes:

- Recall the network security fundamentals.
- Employ various symmetric ciphers.
- Apply asymmetric ciphers and data integrity algorithms.
- Explore the basics of cryptocurrencies.
- Use Ethereum programming


PROGRAMME COORDINATOR


HOD-CSE
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COMPUTER SCIENCE & ENGINEERING
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College Code : 35

CIRCULAR

DATE: 01-08-2020

All the students of III – B.Tech I – Semester CSE are hereby informed to attend the **TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE** and the programme Scheduled from **17-08-2020** to **29-08-2020** and is delivered by **Mr.J.RAJAJI**. He will deliver the valuable information on the respective programme. All the students must participate and make your career enlighten.


PROGRAMME COORDINATOR


HOD-CSE

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIET, Markapur, Prakasam(Dt), A.P.

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100 Mbps internet (Airtel) leased line. The institute has well-titified and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state-of-art equipment. It has monumental blocks –
Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Computer Science and Engineering.

The UG-CSE intake is 120 and PG-CSE intake is 36. The Department of CSE established state-of-the-art labs viz., PPSUC lab, Python Programming lab, C++ Lab, DBMS lab, Java programming lab, Data Structures lab, Compiler Design Lab, UML Lab, Artificial Intelligence lab.

and to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's.

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. K V S NARAYANA

Principal

PATRON

Prof. CH. RAJA BABU

Vice Principal

CONVENOR


Dr. P.P.S. Naik

Head of the Department

Computer Science and Engineering

VENUE

Online Zoom Platform.


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

ARTIFICIAL INTELLIGENCE

17-08-2020 TO 29-08-2020

CO-ORDINATOR

J. RAJAJI

Department of
Computer Science and
Engineering

ORGANIZED BY

Department of
Computer Science and
Engineering

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK, KAKINADA

Markapur-523 320.

TARGET AREAS

- To develop semantic-based and context-aware systems to acquire,
- Organize process, share and use the knowledge embedded in multimedia content.
- Research will aim to maximize automation of the complete knowledge lifecycle and achieve semantic interoperability between Web resources and services.
- The field of Robotics is a multi disciplinary as robots are amazingly complex system comprising mechanical, electrical, electronic H/W and S/W and issues germane to all these.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the III B Tech CSE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme

On

Artificial Intelligence

17-08-2020 TO 29-08-2020

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:

(G-Mail Preferably)


PRINCIPAL

Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist.

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the two week certificate programme on **Artificial Intelligence** Dept of Computer Science and Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of in ability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

A Two week certificate programme on "**Artificial Intelligence**"

Dept of Computer Science and Engineering.,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: rajaji11547@gmail.com

PHONE: 9052391423

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drsgit_35@yahoo.co.in

College Code : 35

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE

Faculty Name: J.RAJAJI

Year: III-B.Tech

Academic Year: 2022-2021

Day	Topic Covered
Day 1	AI problems, foundation of AI and history of AI intelligent agents: Agents and Environments,
Day 2	the concept of rationality, the nature of environments, structure of agents,
Day 3	problem solving agents, problem formulation.
Day 4	Searching- Searching for solutions, uniformed search strategies – Breadth first search, depth first Search. Search with partial information (Heuristic search) Hill climbing, A* ,AO* Algorithms,
Day 5	Problem reduction, Game Playing-Adversial search, Games, mini-max algorithm, optimal decisions in multiplayer games, Problem in Game playing, Alpha-Beta pruning, Evaluation functions.
Day 6	Knowledge representation issues, predicate logic- logic programming, semantic nets- frames and inheritancé,
Day 7	constraint propagation, representing knowledge using rules, rules based deduction systems.
Day 8	Reasoning under uncertainty, review of probability, Baye's probabilistic interferences and dempstershafer theory.
Day 9	First order logic. Inference in first order logic, propositional vs. first order inference, unification & lifts forward chaining, Backward chaining,
Day 10	Resolution, Learning from observation Inductive learning, Decisiontrees, Explanationbasedlearning, Statistical Learning methods, Reinforcement Learning.
Day 11	Expert systems:- Introduction, basic concepts, structure of expert systems, the human element in expert systems how expert systems works, problem areas addressed by expert systems, expert systems success factors, types of expert systems,
Day 12	societal impacts reasoning in artificial intelligence, inference with rules, with frames: model based reasoning, case based reasoning, explanation & meta knowledge inference with uncertainty representing uncertainty.


PROGRAMME COORDINATOR


HOD-CSE

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIET, Markapur, Prakasam(Dt), A.P.



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College Code : 35

Department of Computer Science and Engineering

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE

List of Students Enrolled/Completed: 87

Year: III-B.Tech

S.NO	ROLL NUMBERS	NAME OF THE STUDENT--	SIGNATURE
1	18351A0501	S. AJAY BABU	G. Ajay babu
2	18351A0502	K. AMOOLYA	K. Amoolya
3	18351A0503	N. ANITHA	N. Anitha
4	18351A0504	V. ANJANEYULU	V. Anjaneyulu
5	18351A0505	B. ANUSHA	D. Anusha
6	18351A0506	D. ANUSHA	K. Anusha
7	18351A0507	K. ANUSHA	K. Anusha
8	18351A0508	K. ANUSHA	K. Anusha
9	18351A0509	U. ANUSHA	U. Anusha
10	18351A0510	S. ASHOK	S. Ashok
11	18351A0511	J. BABJI	J. BABJI
12	18351A0512	M. BANGARU BABU	M. Bangaru Babu
13	18351A0513	G. BUJJAMMA	G. bujjamma
14	18351A0514	J. CHANDRA SEKHAR	J. chandra sekhar
15	18351A0515	P. CHENNA KESHAV	p. chenna keshav
16	18351A0516	G. SK MD DADANOOR	Sk. Dadanoor
17	18351A0517	SK. DADAPEER	G. David
18	18351A0518	G. DAVID	G. David
19	18351A0519	K. DINESH BABU	K. Dinesh Babu
20	18351A0520	B. GIRISH KUMAR	B. Gopikrishankar
21	18351A0521	P. GOPISIVASANKAR	P. Gopisivasankar
22	18351A0522	K. HARIKA	K. harika
23	18351A0523	P. HARIKRISHNA	P. harikrishna
24	18351A0524	B. HIMA BINDU	B. hima bindu
25	18351A0525	K. ISSAC	K. ISSAC
26	18351A0526	U. JANSI REDDY	U. Jansi reddy
27	18351A0527	P. JHANSI	P. Jhansi
28	18351A0528	D. JYOSHNA	D. Jyashna
29	18351A0529	P. KASIRAMANAMMA	P. kasiramanamma
30	18351A0530	P. KAVITHA	P. kavitha
31	18351A0531	T. KOUSALYA	T. kousalya
32	18351A0532	G. LAKSHMI DEVI	G. Lakshmi devi
33	18351A0533	Y. LAKSHMI PRASANNA	Y. Lakshmi Prasanma

34	18351A0534	B. MALLIKARJUNA REDDY	B. Mallikarjuna Reddy
35	18351A0535	G. MALLIKHARJUNA	G. Mallikharjuna
36	18351A0536	G. MANASA	G. Manasa
37	18351A0537	K. MANIKANTA REDDY	K. Manikanta Reddy
38	18351A0538	T. MANOHAR	T. Manohar
39	18351A0539	B. MANOHAR NAIK	B. Manohar Naik
40	18351A0540	N. MANOJ KRISHNA	N. Manoj Krishna
41	18351A0542	K. MOUNIKA	K. Mounika
42	18351A0543	P. MOUNIKA	P. Mounika
43	18351A0544	K. NAGA BANDI RAJU	K. Naga Bindi Raju
44	18351A0545	K. NAGA SIREESHA	K. Naga Sireesha
45	18351A0546	R. NAGAVENI	R. Nagaveni
46	18351A0547	L. NAGENDRA	L. Nagendra
47	18351A0548	P. NAGENDRA	P. Nagendra
48	18351A0549	E. PAVAN	E. Pavan
49	18351A0550	M. PAVAN	M. Pavan
50	18351A0551	D. PAVAN KALYAN	D. Pavan Kalyan
51	18351A0552	B. PEDDASEKHAR	B. Peddasekhar
52	18351A0553	P. SAI PRIYANKA	P. Sai Priyanka
53	18351A0554	S. PRUDVIRAJ	P. Sai Priyanka
54	18351A0555	R. QUEEN	R. Queen
55	18351A0556	SK. RAHMATULLAH	Sk. Rahmatullah
56	18351A0557	K. RAJESH	K. Rajesh
57	18351A0558	V. RAMANAMMA	V. Ramanamma
58	18351A0559	G. RAMANJANEYULU	G. Rambabu
59	18351A0560	G. RAMBABU	G. Rambabu
60	18351A0561	T. RAVIKUMAR	T. Ravikumar
61	18351A0562	A. SAI GOVARDHAN	A. Sai Govardhan
62	18351A0563	T. SAI KUMAR	T. Sai Kumar
63	18351A0564	G. SAI PRASANNA	G. Sai Prasanna
64	18351A0565	G. SAI SUPRAJA	G. Sai Supriya
65	18351A0566	P. SAROJA	P. Saroja
66	18351A0567	N. SHALEM RAJU	N. Shalem Raju
67	18351A0568	J. SIVA	J. Siva
68	18351A0569	M. SIVA RAMAKRISHNA	M. Siva Ramakrishna
69	18351A0570	P. SIVA SANKAR	P. Siva Sankar
70	18351A0571	CH. SIVASANKAR REDDY	Ch. Sivasankar Reddy
71	18351A0572	D. SRAVANI	D. Sravani
72	18351A0573	G. SRAVANI	G. Sravani
73	18351A0574	G. SUDHA SWAPNIKA	G. Sudha Swapnika
74	18351A0575	S. SUMANTH	S. Sumanth
75	18351A0576	B. SYAMALA	B. Syamala
76	18351A0577	N. V VSATYANARAYANA	N. V Vsatyanarayana
77	18351A0578	CH. V AKHIL SAI MANIKANTA	Ch. V Akhil Sai Manikanta
78	18351A0579	B. VENKATA DURGA PRASAD	B. Venkata Durga Prasad
79	18351A0580	P. V NAGA UMA MAHESWARI	P. V Naga Umamaheswari

80	18351A0581	K. V SAI PAVAN KUMAR	K. V Saipavan Kumar
81	18351A0582	CH. V SIVA NAGA JYOTHI	Ch. V Sivanaga Jyothi
82	18351A0583	L. VENKATA SOWMYA	L. Venkata Sowmya
83	18351A0584	D. VIJAY KUMAR	D. Vijay Kumar
84	18351A0585	K. VINOD	K. Vinod
85	18351A0586	G. VISHNU VARDHAN	G. Vishnu Vardhan
86	18351A0587	CH. EDUKONDALU	CH. EDUKONDALU
87	18351A0588	D. YESEBU	D. Yesebu


PROGRAMME COORDINATOR


HOD-CSE
HEAD OF THE DEPARTMENT
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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

Programme Report

Name of the Programme: ATWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE

Duration: 17-08-2020 to 29 -08-2020

Resource Person details: J.RAJAJI, Assistant Professor, IIET, Markapur.

Number of Students attended: 87

Dr. Samuel George Institute of Engineering And Technology organized "ATWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE" for III Year B.Tech students by the resource person J.RAJAJI from 17-08-2020 to 29-08-2020. This training was conducted to train students for upcoming campus recruitment drives. All the students participated energetically and they were able to know the following objectives and learning outcomes.

Program Objectives:

- To understand the fundamentals of Artificial Intelligence.
- To apply semantic based and context aware systems.
- To explore and organize process, share knowledge in multimedia content.

Program Outcomes:

- To develop semantic-based and context-aware systems to acquire,
- Organize process, share and use the knowledge embedded in multimedia content.
- Research will aim to maximize automation of the complete knowledge lifecycle and achieve semantic interoperability between Web resources and services.
- The field of Robotics is a multi disciplinary as robots are amazingly complex system comprising mechanical, electrical, electronic H/W and S/W and issues germane to all these.


PROGRAMME COORDINATOR


HOD-CSE

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 20-08-2020

All the students of IV – B.Tech I – Semester CSE are hereby informed to attend the **A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY** and the programming Scheduled from **31-08-2020 to 12-09-2020** and is delivered by **Mr.SK.SAIDA**. He will deliver the valuable information on the respective programme. All the students must participate and make your career enlighten.

SK. Saida

PROGRAMME COORDINATOR

Saida

HOD-CSE

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIET, Markapur, Prakasam(Dt), A.P.

ABOUT THE COLLEGE

Dr. Samuel George Institute of Engineering & Technology was established in 1997 at Markapur to sharpen, shape and meet the global trends by imparting the values, ethics and true culture in technical education. It is the first Engineering College in Prakasam District under the aegis of NCCSAI. The college is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The college was started with a Vision & Motto of "Discipline, Hard Work and Value of Time" and imparts quality technical education to the rural areas to produce quality engineers with outstanding technical skills.

The college campus is sprawling in 54 Acres of land with a serene surrounding at Markapur town. The institute has JKC star status and Infosys campus connect programs. The institute also has 100 Mbps internet (Airtel) leased line. The institute has well equipped and dedicated faculty to give quality education. The institute also has all the infrastructural facilities and laboratories with state of art equipment. It has monumental blocks –
Dr. B.R. Ambedkar, Sir. C.V. Raman, Sir. Visweswarayya, Dr. APJ Abdul Kalam and Radha Krishnan.

ABOUT THE DEPARTMENT

The Department currently runs UG & PG programs Computer Science and Engineering.

The UG-CSE intake is 120 and PG-CSE intake is 36. The Department of CSE established state-of-the-art labs viz., PPSUC lab, Python Programming lab, C++ Lab, DBMS lab, Java programming lab, Data Structures lab, Compiler Design Lab, UML Lab, Artificial Intelligence lab.

and to suit the needs of the Students and the Faculty. The Labs are provided with Licensed Software's.

A large number of activities are conducted regularly under these student forums. Guest lectures, Workshops, Hands on Sessions on latest tools are regularly held to help students to acquire new knowledge, deeper and clear understanding of major concepts and build the ability to apply in the relevant fields.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. K V S NARAYANA

Principal

PATRON

Prof. CH. RAJA BABU

Vice Principal

CONVENOR

Dr. P.P.S. Naik

Head of the Department

Computer Science and Engineering

VENUE

Online Zoom Platform.


PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr.SGIT



ATWO WEEK CERTIFICATE PROGRAMME ON

ARTIFICIAL INTELLIGENCE
AND BLOCKCHAIN

31-08-2020 TO 12-09-2020

CO-ORDINATOR

SK. SAIDA

Department of
Computer Science and
Engineering

ORGANIZED BY

Department of
Computer Science and
Engineering

Dr. Samuel George Institute
of Engineering & Technology,
Affiliated to JNTUK,
KAKINADA.

Markapur – 523 320.

TARGET AREAS

- To develop semantic-based and context-aware systems to acquire,
- organize process, share and use the knowledge embedded in multimedia content.
- Research will aim to maximize automation of the complete knowledge lifecycle and achieve semantic interoperability between Web resources and services.
- The field of Robotics is a multi disciplinary as robots are amazingly complex system comprising mechanical, electrical, electronic H/W and S/W and issues germane to all these.

REGISTRATION DETAILS

- There is **no Registration fee** for the Program.
- Registration for the Program can be done using the **registration form**.
- All the IV B Tech CSE students are requested to register the Certification program before two days by using Registration form.
- Participants will get the Participation Certificate after completion of program.

REGISTRATION FORM

A Two week Certificate Programme

On

Artificial Intelligence and Blockchain Technology

31-08-2020 TO 12-09-2020

- Student Name:
- Father Name:
- Roll No:
- Mobile No:
- Course:
- Department:
- Organization:
- Address for communication:
- Email ID:

(G-Mail Preferably)


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Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316,Prakasam Dist

AUTHORIZATION CERTIFICATE

Ms./Mr./Dr. _____
is an student of our college/ institution and is hereby permitted to attend the two week certificate programme on **Artificial Intelligence and blockchain Technology** Dept of Computer Science and Engineering, Dr Samuel George Institute Of Engineering and Technology

Date:

Place:

Signature & Seal of the Authorizing Authority

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program I shall attend the program for the entire duration. I also undertake the responsibility to inform the Co-ordinator in advance in case of in ability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

A Two week certificate programme on “**Artificial Intelligence and Block chain Technology**”

Dept of Computer Science and Engineering..

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: sksaidas@gmail.com

PHONE: 9908341613

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College Code : 35

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY

Faculty Name: Mr. SK. SAIDA

YEAR: IV-B.Tech

Academic Year: 2020-2021

Day	Topic Covered
Day 1	Getting Started with Blockchain: Blockchain versus distributed ledger technology versus distributed databases - Comparing the technologies with examples - Public versus private versus permissioned Blockchain
Day 2	Comparing usage scenarios - Privacy in Blockchain - Understanding Bitcoin - A brief overview of Bitcoin, Ethereum: A brief overview of Ethereum,
Day 3	Introduction to Hyperledger - Overview of the project - Hyperledger Fabric - Hyperledger Saw tooth - Other Hyperledger frameworks and tools.
Day 4	AI – key concepts - History of AI - AI winter - Types of AI : Weak AI , Strong AI ,Super AI - Forms of AI and approaches : Statistical and expert systems, Machine learning, Supervised learning, Unsupervised learning, Reinforcement learning
Day 5	Neural networks - Evolutionary computation - Swarm computation - AI in digital transformation: Data extraction - Data transformation - Processing
Day 6	Storyboarding - Data utilization, AI platforms and tools : Tensor Flow - Microsoft Cognitive Toolkit - IBM Watson
Day 7	Domain Specific Applications - Applying AI & Blockchain: Healthcare, Supply chain, Financial Services, Information Security, Document management,
Day 8	AI & Blockchain Driven Databases - Centralized versus distributed data, Big data for AI analysis, Data Management in a DAO, Emerging patterns for Database Solution
Day 9	Role of AI in Cryptocurrency - Cryptocurrency Trading: Issues & Considerations, Benefits of AI in Crypto Trading
Day 10	Making Price Predictions with AI: Issues with Price Prediction, Benefits of AI in Prediction, Time series forecasting with ARIMA, Applications of algorithmic or quant trading in Cryptocurrency
Day 11	Applying SDLC practices in Blockchain: Introduction to DIApp - Architecture of a DIApp - Developing a DIApp - Testing a DIApp - Deploying DIApp - Monitoring a DIApp, Implementing DIApp - Evolution of decentralized applications, building a sample DIApp,
Day 12	Developing Smart Contracts, Solution approach with AI, Developing: Client code, Backend, Frontend, Future of converging AI & Blockchain in enterprises & Government.

SK. Saida
PROGRAMME COORDINATOR

[Signature]
HOD-CSE
HEAD OF THE DEPARTMENT
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Dr. S. J. Prakasham (Dist), A.P.



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Department of Computer Science and Engineering

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL
INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY

List of Students Enrolled/Completed: 78

Year: IV-B.Tech

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	SIGNATURE
1	17351A0501	M. ADILAKSHMI	M. Adilakshmi
2	17351A0502	T. AKANKSHA	T. Akanksha
3	17351A0503	P. ANANDAMMA	P. Anandamma
4	17351A0504	T. ANITHA	T. Anitha
5	17351A0505	P. ANJANEYULU	P. Anjaneyulu
6	17351A0506	M. ANUSHA	M. Anusha
7	17351A0507	J. BABY	J. Baby
8	17351A0508	G. BALA GURAVAREDDY	G. Bala Guravareddy
9	17351A0509	B. BALA SHARMILA	B. Balasharmila
10	17351A0510	P. BEULAH	P. Beulah
11	17351A0511	B. CHARANKUMAR	B. Charankumar
12	17351A0512	N. CHINNA OBAYYA	N. Chinna obayya
13	17351A0513	M. DEEPTHI ANGEL	M. Deepthi angel
14	17351A0514	K. DINAKAR	K. Dinakar
15	17351A0515	M. ELIZABETH	M. Elizabeth
16	17351A0516	U. GANGADHRI	U. Gangadhri
17	17351A0517	S. GOWTHAM	S. Gowtham
18	17351A0518	C. GURULAKSHMI	C. Gurulakshmi
19	17351A0519	N. HARI	N. Hari
20	17351A0520	B. HARISCHANDRA	B. Harischandra
21	17351A0521	SK. HEENA	Sk. Heena
22	17351A0522	K. HEPSIBA	K. Hepsiba
23	17351A0523	K. HUMERA	K. Humera
24	17351A0524	J. KALPANA	J. Kalpana
25	17351A0525	J. KEERTHANA	J. Keerthana
26	17351A0526	CH. KEERTHI	Ch. Keerthi
27	17351A0527	SK. KHADAR MOHAMMAD RAFI	Sk. Khadar
28	17351A0528	R. LAKSHMI BHANUSREE	R. Lakshmi bhanusree
29	17351A0529	G. LAKSHMI PADMAVATHI	G. Lakshmi padmavathi
30	17351A0530	K. LALITHA	K. Lalitha

31	17351A0531	CH. MAHESWARI	CH. Maheswari
32	17351A0532	K. MALLESWARI	K. Malleswari
33	17351A0533	N. MALLIKHARJUNAREDDY	N. Mallikharjunareddy
34	17351A0534	S. MANASA	S. Manasa
35	17351A0535	CH. MANJUNATH REDDY	CH. Manjunath Reddy
36	17351A0536	N. MARY KUMARI	N. Mary Kumari
37	17351A0537	K. NAGA JYOTHI	K. Naga Jyothi
38	17351A0538	G. NAGAMMA	G. Nagamma
39	17351A0539	Y. NAGI REDDY	Y. Nagi Reddy
40	17351A0540	D. NANDINI	D. Nandini
41	17351A0541	H. NARASIMHULU	H. Narasimhulu
42	17351A0542	K. NAVEEN KUMAR	K. Naveen Kumar
43	17351A0543	G. PAVANI	G. Pavani
44	17351A0544	G. PAVANI	G. pavani
45	17351A0545	N. PAVANI	N. Pavani
46	17351A0547	I. PRANEETH KUMAR	I. Praneeth Kumar
47	17351A0548	K. PRATHYUSHA	K. Prathysha
48	17351A0550	M. RAMYANIKHITHA	M. Ramyani Khitha
49	17351A0551	A. RANJITHA	A. Ranjitha
50	17351A0552	G. SAIKUMAR	G. Saikumar
51	17351A0553	N. SAILAJA	N. Sailaja
52	17351A0554	G. SANDEEP KUMAR	G. Sandeep Kumar
53	17351A0556	O. SIRISHA	O. Sirisha
54	17351A0557	A. SIVA	A. siva
55	17351A0558	R. SIVA RANGA REDDY	R. Siva Ranga Reddy
56	17351A0559	K. S. SAI SRI KARTHIK REDDY	K.S. Saisri Karthik Reddy
57	17351A0560	T. SONIA	T. Sonia
58	17351A0561	B. SOWJANYA	B. Sowjanya
59	17351A0562	A. SRAVANI	A. Sravani
60	17351A0563	M. SREEDHAR REDDY	M. Sreedhar Reddy
61	17351A0564	U. SRIKANTH	U. Srikanth
62	17351A0565	B. SUCHERITHA	B. Sucheritha
63	17351A0566	N. SUDHARANI	N. Sudharani
64	17351A0567	CH. SUMALATHA	CH. Sumalatha
65	17351A0568	G. THRIVENI	G. Thriveni
66	17351A0569	G. VANDANA	G. vandana
67	17351A0570	B. V ANANTHA LAKSHMI	B.V. Anantha Lakshmi
68	17351A0571	K. VENKATA CHENNAIAH	K. Venkata Chennaiiah
69	17351A0572	N. V S S CHANDRA SEKHAR	N. VSS Chandra Sekhar
70	17351A0573	S. V S SRAVANKUMAR REDDY	S.V.S. Sravankumar Reddy
71	17351A0574	V. VENKATA SIVA REDDY	V. Venkata Siva Reddy
72	17351A0575	G. VENKATESWARA REDDY	G. Venkateswara Reddy
73	17351A0576	P. VENU GOPALASWAMI	P. Venu Gopalaswami
74	17351A0577	G. VISHRANTHI	G. Vishranthi
75	17351A0578	N. VISWESWARAIAH	N. Visweswaraiiah
76	17351A0579	CH. YAMUNA	CH. Yamuna

77	17351A0580	J. YESAMMA	y. Yesamma
78	17351A0581	S. YOGESH KUMAR	S. YOGESH Kumar

SK. Saida
PROGRAMME COORDINATOR

Dain
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Programme Report

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY

Duration: 31-08-2020 to 12 -09-2020

Resource Person details: SK. SAIDA, Assistant Professor, SGIT, Markapur.

Number of Students attended: 78

Dr. Samuel George Institute of Engineering And Technology organized “TWO WEEK CERTIFICATE PROGRAMME ON ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN TECHNOLOGY” for IV Year B.Tech students by the resource person SK.SAIDA from 31-08-2020 to 12-09-2020. This training was conducted to train students for upcoming campus recruitment drives. All the students participated energetically and they were able to know the following objectives and learning outcomes.

Program Objectives:

- To use Hyper ledger Fabric and Ethereum platform to implement Blockchain applications.
- To understand the machine learning techniques, the function of Blockchain and AI.
- To find out the major research challenges and gaps in crypto currency domain

Program Outcomes:

- Apply Hyper ledger Fabric and Ethereum platform to implement the Block Chain Application
- Identify and apply the appropriate machine learning techniques for classification, Pattern recognition, optimization and decision problems.
- Provide conceptual understanding of the function of Block chain & AI as a method of securing distributed ledgers, how consensus on their contents is achieved, and the new applications that they enable.
- Identify major research challenges and technical gaps existing between theory and practice in crypto currency domain.
- Develop techniques in information science applications by applying Computational intelligence and appropriate machine learning techniques in Block chain.

SK. SAIDA
PROGRAMME COORDINATOR

Devin
HOD-CSE
HEAD OF THE DEPARTMENT
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Dr. SGIET, Markapur, Prakasam(Dt), A.P.