

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

List of Certificate / Add-on Programs

Academic Year: 2021-2022

S. No	Name of the Program	Duration of course	No. of Participants
1	A Two Week certificate Programme on Sewage Water Treatment Procedure	22.11.2021 to 05.12.2021	33
2	A Two Week Certificate Programme on Brick Manufacturing	22.11.2021 to 06.12.2021	46
3	A Two Week Certificate Programme on Rigid Pavements	24.11.2021 to 07.12.2021	52
4	A Two week certificate Programme on Single Phase A.C SERIES CIRCUITS	16.08.2021 to 27.08.2021	14
5	A Two week certificate Programme on Load Frequency Control	16.08.2021 to 27.08.2021	18
6	A Two week certificate Programme on Poly Phase Circuits	16.08.2021 to 27.08.2021	39
7	A two week certificate program on Renewable Energy Sources	02-05-2022 to 14-05-2022	35
8	A two week certificate program on Nx CAD	14-02-2022 to 26-02-2022	44
9	A two week certificate program on Advances in Computer Integrated Manufacturing	27-12-2021 to 08-01-2022	48
10	A Two Week certificate Programme on Hands on work on Communications	09-05-2022 to 21-05-2022	35
11	A Two Week certificate Programme on IOT and Its Applications	18-04-2022 TO 30-04-2022	93
12	A Two Week certificate Programme on Trends on Satellite Communications	18-04-2022 TO 30-04-2022	103
13	A Two Week certificate Programme on FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY	02-08-2021 to 14-08-2021	85
14	A Two Week certificate Programme on COMPUTER/DIGITAL FORENSICS	16-08-2021 to 28-08-2021	89
15	A Two Week certificate Programme on DEEP LEARNING	30-08-2021 to 11-09-2021	87

PRINCIPAL

Dr. SAMUEL GEORGE INSTITUTE
OF ENGINEERING & TECHNOLOGY
MARKAPUR (Dist) A.P.

Dr. Samuel George Institute of Engineering & Technology



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College Code : 35

Date: 15-11-2021

CIRCULAR

All the students of II B.Tech I-Sem Civil are hereby informed to attend the A two week Certificate programme on **Sewage Water Treatment Procedure**. The Programme is scheduled from **22-11-2021 to 05-12-2021** 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 enlighten.


Program Coordinator


HOD OF CIVIL

Head of the Department
Dept. of CIVIL ENGINEERING
Dr. Samuel George Institute of
Engineering & Technology
#ARKAPUR-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 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. Y. ESWARA RAO

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

DR. CH. RAJABABU

Head of the Department

CIVIL ENGINEERING

VENUE

Offline Platform, seminar hall

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



DR. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

SEWAGE WATER TREATMENT PROCEDURE

22-11-2021 TO 05-12-2021

CO-ORDINATOR

N. RUDRA SEKHAR REDDY

Department of
CIVIL ENGINEERING

ORGANIZED BY

Department of
CIVIL ENGINEERING

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

Markapur-523316.

TARGET AREAS

- ◆ Removing Floating Matter.
- ◆ Removal of Large Particles.
- ◆ Removal of Grease Matter.
- ◆ Suspended Particles, Settleable Particles
- Colloidal Particles, Volatile Matters.
- ◆ Collecting Residues and used for Fertilizer
- ◆ Used for Second useful Water.

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

“SEWAGE WATER TREATMENT PROCEDURE”

22-11-2021 TO 05-12-2021

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 hereby permitted to attend A Two Week Certificate Program on **SEWAGE WATER TREATMENT PROCEDURE** 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 **“SEWAGE WATER TREATMENT PROCEDURE”** Department of Civil Engineering.

Dr. Samuel George Institute of Engineering and Technology

Mail ID: sgitcivil@gmail.com

Phone. No: 8125617265

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College Code : 35

SCHEDULE

Title of the Programme: A Two Week Certificate Programme on Sewage Water Treatment

Procedure Faculty Name: Mr. N. Rudra Sekhar Reddy

Academic Year : 2021-22

22-11-2021	Introduction
23-11-2021	Before test – Ph Value, Color, Turbidity, Solids
24-11-2021	Report Preparation
25-11-2021	Selection of Treatment Procedure
26-11-2021	Screenings –Removal of Floating Matter
27-11-2021	Grit Chambers, Detrius Tanks
29-11-2021	Sedimentation
30-11-2021	Skimming Tanks
01-12-2021	Sludge Remover
02-12-2021	Digestion Tanks
03-12-2021	Filter Beds
04-12-2021	Oxidation ponds- after treatment report preparation of PH, D.O, B.o.D,C.O.D -Test Results


Program Coordinator


HOD OF CIVIL

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College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2021-2022

Course Name: A Two Weeks Programme on Sewage Water Treatment Procedure

Year: II B.Tech

Schedule: 22.11.2021 to 05.12.2021

List of students Enrolled/Completed: 33/30

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	20351A0101	M. AKHILA	M. Akhila
2	20351A0102	B. AKSHARA	B. Akshara
3	20351A0103	Y. ANIL KUMAR	Y. Anil Kumar
4	20351A0104	Y. CHARAN KUMAR	Y. Charan Kumar
5	20351A0105	A. GANESH	A. Ganesh
6	20351A0107	D. KALYAN BABU	D. Kalyan Babu
7	20351A0108	T. KARTHIK	T. Karthik
8	20351A0109	D. MAMATHA	D. Mammatha
9	20351A0110	B. NAGARAJU	B. Nagaraju
10	20351A0111	M. NAVEEN KUMAR	M. naveen kumar
11	20351A0112	M. PALLAVI	M. pallavi
12	20351A0113	P. RAJANIKANTH	P. Rajini Kanth
13	20351A0114	B. SOWMYA	B. Sowmya
14	20351A0115	A. SRAVANI	A. Sravani
15	20351A0116	M. SRAVANTHI	M. Sravanthi
16	20351A0117	N. SREEVANI	N. Sreevani
17	20351A0118	P. SRIKANTH	P. Srikanth
18	20351A0119	G. SUDHEERA	G. Sudheera
19	20351A0120	H. SUSMITHA	H. Susmitha
20	20351A0121	S. SWAROOPA	S. Swaroopa
21	20351A0122	M. SWATHI	M. Swathi
22	20351A0123	P. VENKATA THIMMAIAH	P. Venkata Thimmaiah
23	21355A0101	B. DHARANI KANTH	B. Dharani Kanth
24	21355A0102	B. GOPI NADH	B. Gopi nadh
25	21355A0103	K. LALU PRASAD	K. Lalu Prasad
26	21355A0104	R. NARESH	R. Nareesh
27	21355A0105	P. OMPRASAD	P. ompasad
28	21355A0106	B. PAVAN KUMAR	B. Pavan Kumar
29	21355A0107	Y. SURENDRA	Y. Surendra
30	21355A0108	K. VINAY KUMAR	K. Vinay Kumar
31	21355A0109	B. TARUN	B. Tarun
32	21355A0110	A. BALA OBULESU	A. Bala obulesu
33	21355A0111	U. AJAY BABU	U. Ajay Babu

Programme Coordinator

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

PRINCIPAL

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College Code : 35

PROGRAMME REPORT

Name of the Program : A two week Certificate programme on
Sewage Water Treatment Procedure

Schedule of Program : 22-11-2021 to 05- 12-2021

Venue : Seminar Hall

Organized by : Dept. of Civil

Faculty : N.Rudra Sekhar Reddy

Designation : Industrial Expert

Number of Participants : 33

Objectives of The Course are:

Contaminated Waters without Harmful and Merging, Disposal
Reducing the P^H Value.
Reducing Wastages.
Different Wastage Gradually Removal Methods.
Used for Second Useful Waters in Industries, Gardens etc.,

Topic Covered:

Introduction - Screening, Grit Chambers, Detrius tanks, Skimming tanks, Sedimentation tanks, Sludge tanks, Digestion tanks, Contact beds, Trickling filterers. Oxidation ponds- Methods and Procedures
Operational and Technical Procedures.

Out Comes of the Course:

Removing floating Matter.
Removal of Large Particles
Removal of Grease matter.
Suspended Particles, Settleable Particles, Colloidals Particles, Volatile Matters.
Collecting Residues and used for Fertilizer.


Program Coordinator


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College Code : 35

CIRCULAR

Date: 15-11-2021

All the students of III B.Tech I-Sem Civil are hereby informed to attend the A two week Certificate programme on **Brick Manufacturing**. The Programme is scheduled from **22-11-2021 to 06-12-2021** and will be delivered by **Mr. K. SRIRAMULU**. He will deliver the valuable information on Respective program. All the Students must participate and make your career enlighten.

Programme Coordinator

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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. Y. ESWARA RAO

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

BRICK MANUFACTURING

22-11-2021 TO 06-12-2021

CO-ORDINATOR

K. SRI RAMULU

Department of
CIVIL ENGINEERING

ORGANIZED BY

Department of
CIVIL ENGINEERING

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

Markapur-523316.

PRINCIPAL

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

TARGET AREAS

- ◆ Cost, Economical.
- ◆ Material Available
- ◆ Manufacturing Methods.
- ◆ Specifications
- ◆ Applications, Uses
- ◆ Strength Parameters, Test Results.

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

“**BRICK MANUFACTURING**”

22-11-2021 TO 06-12-2021

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 hereby permitted to attend A Two Week Certificate Program on **BRICK 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 **“BRICK MANUFACTURING”** Department of Civil Engineering.
Dr. Samuel George Institute of Engineering and Technology

Mail ID: sgitecivil@gmail.com

Phone. No: 8125617265

Principal
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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Programme: A Two Week Certificate Programme on Brick Manufacturing

Faculty Name: Mr. K.Sriramulu

Academic Year : 2021-22

22-11-2021	Introduction
23-11-2021	Un sailing, Digging, Weathering, Blending, Tempering
24-11-2021	Moulding- Hand Moulding, Table Moulding
25-11-2021	Drying
26-11-2021	Buring – Dehydration, oxidation, vitrification Process
27-11-2021	Buring in Clamp or Pazawah
29-11-2021	Kiln Buring
30-11-2021	Intermittent Kiln
01-12-2021	Continuous Kiln
02-12-2021	Classification of Birks-Clay First Class, Second Class, Third Class, Fourth Class
03-12-2021	Compresive Strength N/mm ²
04-12-2021	Tests Conduiting on Bricks
06-12-2021	Defects of Bricks


Program Coordinator


HOD OF CIVIL

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College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2021-2022

Course Name: A Two Week Certificate Programme on Brick Manufacturing

Schedule: 22.11.2021 to 06.12.2021

Year: III B.Tech

List of students Enrolled/Completed: 46/40

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. Chandrayamsi
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. MuthuJa Vali
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
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. Shameer.
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. suvarnaraju
39	19351A0141	Y. VAISHALI	Y. Vaishali

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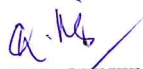
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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
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College Code : 35

40	19351A0142	Kondra. VENKATESWARLU	K. Venkateswarlu
41	19351A0143	M. WILLIAM KERI	M. William Keri
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. Sundaram


Programme Coordinator


HOD OF CIVIL
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drsgit_35@yahoo.co.in

College Code : 35

PROGRAMME REPORT

Name of the Program : A two week Certificate programme on **Brick Manufacturing**
Schedule of Program : 22-11-2021 to 06- 12-2021
Venue : Seminar Hall
Organized by : Dept. of Civil
Faculty : Mr.K.Sriramulu
Designation : Asst. Professor
Number of Participants : 46

Objectives of The Course are:

Cost, Economical, Purpose
Structure-Materials Available, Shape.
Strength Parameters, Test Conditions- Results.
Specifications, Applications.
Uses and Advantages of Different types of Bricks.
Defects- Check.
Method of Manufacturing-Small Quantity, Huge Quantity.

Topic Covered:

Introduction -Soil Selection-Moulds, Dimensions-Shape - Purpose
Method of Manufacturing of Bricks. Specifications. Applications, Uses and Advantages. Strength Parameters, Tests, Defects - Check, Colour and Size.

Out Comes of the Course:

Cost-Economical.
Material Available.
Manufacturing Methods.
Specifications.
Applications, Uses.
Strength Parameters and test results.


Program Coordinator


HOD OF CIVIL

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

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


College Code : 35

CIRCULAR

DATE: 17-11-2021

All the students of IV B.Tech I-Sem Civil are hereby informed to attend the A two week Certificate programme on **Rigid Pavements**. The Programme is scheduled from 24-11-2021 to 07-12-2021 by **Mr.R. RAMA KRISHNA RAO**. He will deliver the valuable information on Respective program. All the Students must participate and make your career enlighten.


Program Coordinator


HOD OF CIVIL
Head of the Department
of CIVIL ENGINEERING
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 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. Y. ESWARA RAO

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

DR. CH. RAJABABU

Head of the Department

CIVIL ENGINEERING

VENUE

Offline Platform, seminar hall

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



DR. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

RIGID PAVEMENTS

24-11-2021 TO 07-12-2021

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 Rigid Pavements
- ◆ Design Aspects-Survey Levels, Recording Layer Wise
- ◆ Load Conditions.
- ◆ Soil and Sub-Grade Layer Formations.
Drainage Layer Formation
,WBM Layer Formation
Shoulders, Turfing
- ◆ Concrete Layers
- ◆ Grip Lines Marking
- ◆ Construction Procedure as per MORTH

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 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

“RIGID PAVEMENTS”

24-11-2021 TO 07-12-2021

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 hereby permitted to attend A Two Week Certificate Program on **RIGID PAVEMENTS** 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 **“RIGID PAVEMENTS”** Department of Civil Engineering.
Dr. Samuel George Institute of Engineering and Technology
Mail ID: sgitcivil@gmail.com
Phone. No: 8125617265


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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

Name of the Programme: A Two Week Certificate Programme on Rigid pavements

Faculty Name: Mr.R.Rama Krishna Rao

Academic Year: 2021-2022

SCHEDULE

24-11-2021	Introduction
25-11-2021	Center line Alignment-Bench mark pillars, Marking , Position and fixation.
26-11-2021	Boundary Lines, Margins Marking.
27-11-2021	Clearance of Jungle
29-11-2021	Ground Profile levels – Recording in field book and soil test , Results
30-11-2021	Soil formation layers – With uniform thickness of 30cm
01-12-2021	Sub Grade Layers Formation-3 layers -15,15,20Cms- Soil tests, Results-96%
02-12-2021	Drainage Layer Formation-Soil Tests, Results
03-12-2021	Water Bound Macadam-Two layers-Shoulder s Formation, soil Tests, Results-97%
04-12-2021	Concrete Layer formation-Two layers,Tests Results.
06-12-2021	Shoulders – width, Slope,Gradient, Turfing. (Grass)
07-12-2021	Markings, Margins, Signs, Signals.- Open the Traffic.

Program Coordinator


HOD OF CIVIL

Head of the Department
of CIVIL ENGINEERING
Dr. Samuel George Institute of
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drsgit_35@yahoo.co.in

College Code : 35

Department: CIVIL ENGINEERING

Academic Year: 2021-2022

Course Name: A Two Week Certificate Programme on Rigid Pavements

Schedule: 24.11.2021 to 07.12.2021

Year: IV B.Tech

List of students Enrolled/Completed: 52/46

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. Girisu Babu
6	18351A0106	H. HARINATH	H. Harinath
7	18351A0108	M. KASIAH	M. Kasiah
8	18351A0109	M. KASI VISWANATH	M. Kasi Viswanath.
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. Nareesh
15	18351A0116	K. PRABHU DAS	K. Prabhu Das.
16	18351A0117	U. PRAVEENKUMAR	U. Praveen Kumar
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. Rohit Kumar Raju
22	18351A0124	P. SAI SRINIVASA REDDY	P. Sai Srinivasa Reddy
23	18351A0125	E. SATHISH GOUD	E. Sathish goud
24	18351A0126	P. SATYANARAYANA	P. Satyanarayana
25	18351A0127	S. SIVAREDDY	S. Siva Reddy
26	18351A0128	CH. SOUMYA	Ch. Soumya
27	18351A0129	M. SOWNDARIYA	M. Sowndariya
28	18351A0130	CH. SREEKANTH	Ch. Sreekanth
29	18351A0131	P. SREENIVASULU	P. Sreedivasulu
30	18351A0132	R. SRINU	R. SRINU
31	18351A0133	K. SUBBA REDDY	K. Subba Reddy
32	18351A0134	T. SURENDRA BABU	T. Surendra Babu
33	18351A0135	P. THIRUMALESWARA REDDY	P. Thirumaleswara Reddy
34	18351A0136	G. THIRUPATHAMMA	G. Thirupathamma
35	18351A0137	P. THREEVENI	P. Threeveni
36	18351A0138	K. TIRUPATHI RAO	K. Tirupathi Rao
37	18351A0139	K. UMESH CHANDRA	K. Umesh Chandra.
38	18351A0140	P. UMESWARI	P. Umeswari
39	18351A0141	B. VAMSI	B. Vamsi
40	18351A0142	R. VAMSI	R. Vamsi

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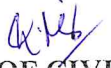
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Website : www.drsgiet.ac.in
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drsgit_35@yahoo.co.in

College Code : 35

41	18351A0143	V. VAMSI PRASAD	V. VAMSI PRASAD
42	18351A0144	B. VENKATA SIVA RAMI REDDY	B. Venkata Siva Rami Reddy.
43	18351A0145	Y. VICTOR IMMANIYEL	Y. VICTOR IMMANIYEL
44	18351A0146	D. VIDYULLATHA	D. Vidyullatha
45	18351A0147	T. VISHNU	T. Vishnu.
46	18351A0148	SK. YASIN BASHA	SK. Yasin Basha
47	19355A0101	M. BHAVANI	M. Bhavani
48	19355A0102	P. MANASA	P. Manasa
49	19355A0103	M. SAI KUMAR	
50	19355A0104	P. SIVA NARAYANA	P. Siva Narayana.
51	19355A0105	T. SURYA	T. Surya
52	19355A0106	P. THARAKA ANISH KUMAR	P. Tharaka Anish kumar


Programme Coordinator


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


PRINCIPAL

— PRINCIPAL
Dr. SAMUEL GEORGE INSTITUTE
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College Code : 35

PROGRAMME REPORT

Name of the Program : A two week Certificate programme
on **Rigid Pavements**

Schedule of Program : 24-11-2021 to 07-12-2021

Venue : Seminar Hall

Organized by : Dept. of Civil

Faculty : R.Rama Krishna Rao

Designation : Assoc. Professor

Number of Participants : 52

Objectives of The Course are:

Load Carrying Capacity-Conditions
Available Materials - Cost Available-Economical
Procedure for Construction.(Rigid)
Drainage Conditions
Life Period for 15years to 20years.
As per NH Rules and Regulations, Morth.

Topic Covered:

Introduction - Center line Alignment- Benchmark Pillars-Marking, Position and fixation.
Boundaries lines, Margins, Markings, Clearance of Jungle, Profile of the Ground levels Recording.
Soil Formation Layers, Sub Grade Layers, Drainage Layers,
WBM Layer Formations, Cement Concrete Layers-Top Surface Markings, Signals, Signs

Out Comes of the Course:

Importance of Rigid Pavements
Design Aspects.
Load Conditions.
Different Layer Formations.
Drainage Conditions.
Strength Parameters.
Construction Procedures as per NH MORTH


Program Co-ordinator


HOD OF CIVIL

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 09-08-2021

All the students of **II B Tech EEE** are hereby informed to attend "A two weeks Certificate Program on single phase A.C. series circuits". And the Programming scheduled during from **16-08-2021 to 27-08-2021** 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 DL., (A.P.)

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, 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 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

A large number of activities are conducted regularly under these student forums. Guest lectures,

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. ESWARARAO

Principal

PATRON

Prof. CH. RAJA BABU

Head of the Department

M. VENKATESWARLU.

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 A.C. Series Circuits"

16-08-2021 TO 27-08-2021

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

Basic Electrical Parameters and Elements

Definition of electrical Elements.

Definition of electrical capacitance.

Pure resistive ckt.

Pure inductive ckt.

Pure capacitive ckt.

Resonance in series ckt.

Resonant frequency.

R-L series ckt.

R-C series ckt.

R-L-C series ckt.

•

REGISTRATION FORM

A Two week Certificate Programme

On

“Single Phase A.C. Series Circuits”

16-08-2021 TO 27-08-2021

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 single phase A.C. series circuits 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 A.C. series circuits” 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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Fax : +918596-223127

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 weeks Certificate Program on single phase A.C. series circuits **Year:II**
Faculty Name: Mr. M.VENKATESWARLU **Academic Year: 2021-2022**

16-08-2021	Introduction.
17-08-2021	Basic Electrical Parameters and Elements
18-08-2021	Definition of electrical Elements.
19-08-2021	Definition of electrical capacitance.
20-08-2021	Pure resistive ckt.
21-08-2021	Pure inductive ckt.
23-08-2021	Pure capacitive ckt.
24-08-2021	Resonant frequency.
25-08-2021	R-L series ckt.
26-08-2021	L-C series ckt .
27-08-2021	R-L-C series ckt.


Programme Coordinator


HOD OF EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
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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

Department: EEE

Academic Year: 2021-22

Name of the Program: A two weeks Certificate Program on single phase A.C. series circuits

List of students Enrolled/Completed:14

S.NO	H.T. NUMBER	NAME OF THE CANDIDATE	SIGNATURES
1.	21355A0201	Y. AKSHAYA BUNNY	Y. Akshaya Bunny
2.	21355A0202	M.ARAVIND	M. Aravind
3.	21355A0203	CH.ASHOK	CH. ASHOK
4.	21355A0204	S.HARIKA	S. Harika
5.	21355A0205	CH.JASHUVA	CH. Jashuva
6.	21355A0206	H.JEEVARATHNAM	H. Jeevaratham
7.	21355A0207	G.KARTHIK	G. Karthik
8.	21355A0208	G.KISHORE	G. Kishore
9.	21355A0209	K.L.VARA PRASAD	K. L. V. VARA PRASAD
10.	21355A0210	SK. NAZEER BASHA	SK. Nazeer Basha
11.	21355A0211	S.R.V. NAVEEN KUMAR REDDY	S. R. V. Naveen Kumar Reddy
12.	21355A0212	G.SRIKANTH	G. Srikanth
13.	21355A0213	P.TIRUPALU	P. Tirupalu
14.	21355A0214	N.PAVAN	N. Pavan

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



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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 weeks Certificate Program on single phase A.C. series circuits
Schedule of program : 16-08-2021 to 27-08-2021
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr.M.Venkateswarlu
Designation : Associate professor
Number of Participants : 14

Objectives of this Course are:

The participants will be introduced to

1. Pure resistive ckt.
2. Pure inductive ckt.
3. Pure capacitive ckt.

4. Learning Outcomes

After going through this course the student will be able to

- R-L series ckt.
- L-C series ckt.
- R-L-C series ckt.


Programme Coordinator


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

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drsgit_35@yahoo.co.in


College Code : 35

CIRCULAR

DATE: 09-08-2021

All the students of **III B Tech EEE** are hereby informed to attend “a two week Certificate Program on load frequency control.” . And the Programming scheduled during from **16-08-2021 to 27-08-2021** by **Mr.KSURESH KUMAR**. 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 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,

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

Y.ESWARARAO

Principal

PATRON

PROF. CH. RAJABABU

Vice Principal

CONVENOR

M.VENKATESWARLU

Head of the Department

Electrical & Electronics
Engineering

VENUE

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



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"load frequency control."

16-08-2021 TO 27-08-2021

CO-ORDINATOR

K.SURESH KUMAR

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

Necessity of keeping frequency control.

Control area.

load frequency control of single area.

Block dig.

Steady state analysis.

Dynamic response.

In control system.

Steady state response.

Dynamic response and load frequency control.

load frequency control and economic dispatch co

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 on completion of program.


REGISTRATION FORM

A Two week Certificate Programme On “ load frequency control.”

16-08-2021 TO 27-08-2021

- 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 load frequency control.
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 “ load frequency
control. ” 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

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

SCHEDULE

Title of the Certification: a two week Certificate Program on load frequency control. **Year:III**
Faculty Name: Mr. K. suresh kumar **Academic Year:** 2021-2022

16-08-2021	Introduction
17-08-2021	Necessity of keeping frequency control.
18-08-2021	Control area.
19-08-2021	load frequency control of single area.
20-08-2021	Block dig.
21-08-2021	Steady state analysis.
23-08-2021	Dynamic response.
24-08-2021	Steady state response.
25-08-2021	Dynamic response and load frequency control.
26-08-2021	load frequency control and economic dispatch control
27-08-2021	Speed governing system.


Programme Coordinator


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

Department: EEE

Academic Year: 2021-22

Name of the Program: a two week Certificate Program on load frequency control.

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. Ganesha Reddy
6.	19351A0206	Y.JANARDHANA	Y. Janardhana
7.	19351A0207	D.KESHAVARANI	D. Keshavarani
8.	19351A0208	SK.KHAJAVALI	SK. Khajavali
9.	19351A0209	J.LAKSHMIVARDHAN REDDY	J. Lakshmi Varadhan 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

Dr. Samuel George Institute of Engineering & Technology
MARKAPUR-523 316, Prakasam Dt., (A.)

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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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 load frequency control.
Schedule of program : 16-08-2021 to 27-08-2021
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr.K.SURESH KUMAR
Designation : Associate professor
Number of Participants : 37

Objectives of this Course are:

The participants will be introduced to


1. Dynamic response and load frequency control.
2. Steady state analysis.
3. Necessity of keeping frequency control.

Learning Outcomes

After going through this course the student will be able to

- Dynamic response and load frequency control.
- Speed governing system.
- Un control system.
- Dynamic response.


Programme Coordinator


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

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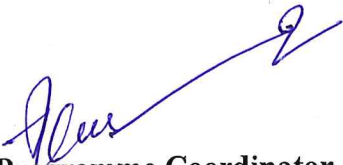
Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in


College Code : 35

CIRCULAR

DATE: 09-08-2021

All the students of **IV B Tech EEE** are hereby informed to attend "a two week Certificate Program on poly phase circuits." . And the Programming scheduled during from **16-08-2021 to 27-08-2021** by **Mr.K.SURESH KUMAR**. 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 DL., (A.P.)

ABOUT THE COLLEGE

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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. ESWARA RAO

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

"POLY PHASE CIRCUITS"

16-08-2021 to 27-08-2021

CO-ORDINATOR

K. SURESH KUMAR

Department of

**Electrical & Electronics
Engineering**

ORGANIZED BY

Department of

EEE

ORGANIZED BY

**Engineering & Technology,
Affiliated to JNTUK,**

TARGET AREAS

Generation of 2- phase EMFs.

Generation of 3- phase EMFs.

Inter connection of three phases.

Star or why connection.

Relation between phase and line voltages.

Mesh or delta connection.

Relation between phase and line voltages.

Measurement of three phase power using two - watt

Determination of power and power factor.

Advantages of poly phase.

Effect of load power factor on watt meter readings

Advantages on poly phase over single phase.

Difference between star and delta connection.

REGISTRATION FORM

A Two week Certificate Programme On “POLY PHASE CIRCUITS”

16-08-2021 to 27-08-2021

- 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 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 “ poly phase circuits.” Dept of Electronics and communication Engineering

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: SPANDU@GMAIL.COM

PHONE. NO: 9966010015

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

SCHEDULE

Title of the Certification: a two week Certificate Program on poly phase circuits.

Year: II

Faculty Name: Mr. K.SURESH KUMAR

Academic Year: 2021-2022

16-08-2021	Introduction.
17-08-2021	Definition of poly phase.
18-08-2021	Generation of 2- phase Emfs.
19-08-2021	Generation of 3- phase Emfs.
20-08-2021	Inter connection of three phases.
21-08-2021	Star or why connection.
23-08-2021	Relation between phase and line voltages.
24-08-2021	Mesh or delta connection.
25-08-2021	Relation between phase and line voltages.
26-08-2021	Measurement of three phase power using two - watt meter method.
27-08-2021	Determination of power and power factor.


Programme Coordinator


HOD OF EEE
HEAD OF THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523316, Prakasam Dt., (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: 2021-2022

Name of the Program: a two week Certificate Program on poly phase circuits.

List of students Enrolled/Completed: 39

S.NO	H.T. NUMBER	NAME OF THE CANDIDATE	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. Souri 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

Dr. Samuel George Institute of Engineering & Technology



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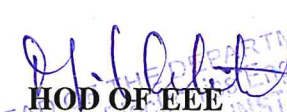
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e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

38.	19355A0212	T VENKATASWAMY	T. Venkateswamy
39.	19355A0213	G VINOD	G. Vinod


Programme Coordinator


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

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drsgit_35@yahoo.co.in

College Code : 35

PROGRAM REPORT

Name of the Program : a two week Certificate Program on poly phase circuits.
Schedule of program : 16-08-2021 to 27-08-2021
Venue : Seminar Hall
Organized by : Dept of EEE
Faculty : Mr.K.SURESH KUMAR
Designation: Associate professor
Number of Participants : 39

Objectives of this Course are:

The participants will be introduced to Necessity


Generation of 3- phase Emfs.


1. List the special transformers.
2. Generation of 3- phase Emfs.
3. Inter connection of three phases.

Learning Outcomes

After going through this course the student will be able to

1. Effect of load power factor on watt meter readings.
2. Difference between star and delta connection.
3. Advantages on poly phase over single phase.


PROGRAM COORINATOR


HOD OF EEE
THE DEPARTMENT
Electrical & Electronics Engineering
Dr. SAMUEL GEORGE INSTITUTE OF
ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam DL., (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

DATE: 25-04-2022

CIRCULAR

All the students of **II B Tech II SEM MECHANICAL ENGINEERING** are hereby informed to attend the "A two week Certificate Programme on **RENEWABLE ENERGY SOURCES.**" The Programme scheduled from **02-05-2022 to 14-05-2022** and delivered by **G. DEVENDRA NAIK**. 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 town. The college 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 as to produce quality engineers with outstanding technical skills.

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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

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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

“RENEWABLE ENERGY
SOURCES”

02-05-2022 to 14-05-2022

CO-ORDINATOR
G. Devendra Naik
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

- Increased sustainability
- Increased utilization of renewable energy
- Social & environmental impacts
- Technical aspects
- Economic factors
- Commercialization.

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 "RENEWABLE ENERGY SOURCES"

02-05-2022 to 14-05-2022

• 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 Renewable energy sources" 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
Renewable energy sources"

Dept of Mechanical Engineering,

**Dr Samuel George Institute of Engineering
and Technology**

Mail ID: devdeepu.naik@gmail.com

Phone No: 9052490514

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



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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

SCHEDULE

Title of the Certification: A two week Certificate Programme on **RENEWABLE ENERGY SOURCES**
Year: **II B Tech II Sem**
Faculty Name: **G. Devendra Naik** Academic Year: **2021-2022**

02-05-2022	Renewable Energy(RE) Sources-Environmental consequences of fossil fuel use, Importance of renewable sources of energy, Sustainable Design and development,
03-05-2022	Types of RE sources, Limitations of RE sources, present Indian and international energy scenario of conventional and RE sources.
04-05-2022	Wind energy- Power in the Wind- Types of Wind Power Plants(WPPs)- Components of WPPs – Working of WPPs,
05-05-2022	Siting of Wind Power Plants- Grid integration issues of Wind Power Plants.
06-05-2022	Solar PV & Thermal Systems- Solar Radiation, Radiation Measurement, Solar Thermal Power Plant, Central Receiver Power Plants,
07-05-2022	Solar Ponds- Thermal Energy storage system with PCM- Solar Photovoltaic systems, Basic Principle of SPV conversion,
09-05-2022	Types of PV Systems- Types of Solar Cells, Photovoltaic cell concepts, Cell module, array, PV Module I-V Characteristics,
10-05-2022	Efficiency & Quality of the Cell, series and parallel connections, maximum power point tracking, Applications.
11-05-2022	Biomass Energy- Introduction-Bio-mass resources – Energy from Bio mass, conversion processes- Biomass Cogeneration- Environmental Benefits, Geothermal Energy- Basics, Direct Use, Geothermal Electricity.
12-05-2022	Mini/micro hydro power- Classification of hydropower schemes, Classification of water turbine, Turbine theory- Essential components of hydroelectric system.
13-05-2022	Other Energy Sources- Tidal Energy, Energy from the tides, Barrage and Non Barrage Tidal power systems, Wave Energy, Energy from waves, Wave power devices, Ocean Thermal Energy Conversion(OTEC)
14-05-2022	Hydrogen Production and Storage- Fuel cell, Principle of working- Various types- construction and applications, Energy Storage System- Hybrid Energy Systems.


Programme Coordinator


HOD OF ME
Mechanical Engineering
Dr. Samuel George Institute of Engineering & Technology
Markapur (M), 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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Website : www.drsgiet.ac.in
e-mail : sgit.principal@gmail.com
drsgit_35@yahoo.co.in

College Code : 35

Name of the Program: A two week Certificate Programme on **RENEWABLE ENERGY SOURCES**

List of students Enrolled/Completed: 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	20351A0301	K. ABHIRAM	K. Abhiram
2	20351A0302	K. ARUN SUKUMAR	K. Arun
3	20351A0303	C. AYYAVARAIAH	C. Ayya
4	20351A0304	V. BABU RAO	V. Babu Rao
5	20351A0305	P. BALAPOTHI REDDY	P. balapothi reddy
6	20351A0306	M. BHARATH KUMAR	M. bhavarath kumar
7	20351A0309	G. KARUNA PRASAD	G. karuna Prasad
8	20351A0310	U. MANI CHANDRA	U. Mani chandra
9	20351A0311	G. MANOJ KUMAR	G. Manoj kumar
10	20351A0313	M. OBULARAJU	M. OBULARAJU
11	20351A0314	K. PRAVEEN KUMAR REDDY	K. Praveen Kumar Reddy
12	20351A0315	K. RAJESH	K. RAJESH
13	20351A0316	K. RAMU	K. Ramu
14	20351A0317	G. RAMUDU	G. Ramudu
15	20351A0318	C. RAVI TEJA	C. Ravi teja
16	20351A0319	K. RENU KUMAR	K. Renu kumar
17	20351A0320	P. SAIHARI	P. saihari
18	20351A0321	S. SAI JEEVAN KUMAR	S. Sai jeevan kumar
19	20351A0323	S. SANDEEP	S. Sandeep
20	20351A0324	M. SANTHOSH KUMAR	M. santhosh kumar
21	20351A0325	S. STEEPHAN	S. Steephan
22	20351A0326	N. SUMANTH	N. sumanth
23	20351A0327	V. SURESH BABU	V. Suresh Babu
24	20351A0328	M. TARUN	M. Tarun
25	20351A0329	Y. UDAY KIRAN	Y. Uday kiran
26	20351A0330	P. VINOD KUMAR	P. Vinod kumar
27	20351A0331	C. YUGANDHAR	C. Yugandhar
28	21355A0301	V. BHANU PRASAD	V. Bhanu prasad
29	21355A0302	M. KISHORE NAIK	M. Kishore Naik
30	21355A0303	J. MURALI KRISHNA	J. Murali krishna



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College Code : 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
31	21355A0304	Y. POLI REDDY	Y. Poli Reddy
32	21355A0305	D. PREMKUMAR	D. Premkumar
33	21355A0306	K. SIVA	K. SIVA
34	21355A0307	B. SUNEEL KUMAR	B. Suneel Kumar
35	21355A0308	G. VENKATESWARLU	G. Venkateswarlu

G. Srinivas Reddy
Programme Coordinator

G. Srinivas Reddy
HOD OF ME
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Dr. Samuel George Institute of
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MARKAPUR-523 320, Prakasam Dist.



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College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on
RENEWABLE ENERGY SOURCES
Schedule of program : **02-05-2022 to 14-05-2022**
Venue : Seminar Hall
Organized by : Dept of MECHANICAL ENGINEERING
Faculty : Mr G. Devendra Naik
Designation : Assistant Professor
Number of Participants : 35

Objectives of the Course:

- Understand the difference between renewable and non-renewable energy sources.
- Observe that the relative price of renewable changes according to environmental regulations, renewables', availability, economic infrastructure, and the price of fossil fuel and nuclear power.
- Explain how these economic conditions affect the price of renewables.
- Understand why most utilities do not opt for renewable even though many have price parity with non-renewable.


Topics Covered:

- Solar energy
- Wind energy
- Geothermal energy
- Hydropower
- Ocean energy
- Bio-energy.

Outcomes of the Course:

- Demonstrate need of different renewable energy sources.
- Discuss importance of renewable energy sources.
- Discuss various renewable energy sources in Indian context.
- Calculate and analyses utilization of solar and wind energy.
- Illustrate design of biogas plant.
- Demonstrate basics of hydrogen energy.


Programme Coordinator


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Mechanical Engineering
Dr. Samuel George Institute of Engineering & Technology
Markapur



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College Code : 35

DATE: 07-02-2022

CIRCULAR

All the students of **III B Tech II SEM MECHANICAL ENGINEERING** are hereby informed to attend the "A two week Certificate Programme on **NX CAD**." The Programme scheduled from **14-02-2022 to 26-02-2022** and delivered by **K. VIJAYAKUMAR**. 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 area as 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.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

"NX CAD"

14-02-2022 to 26-02-2022

CO-ORDINATOR

K. Vijaya Kumar
Department of
Mechanical Engineering

ORGANIZED BY

Department of
Mechanical Engineering

temp
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

- NX CAD is very good when it comes to three dimensional modelling and rendering and visualization.
- Furthermore, the export to jt function together with import into other Siemens software packages, such as Teamcenter, is a major reason why I am using NX.

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 "NX CAD"

14-02-2022 to 26-02-2022

• 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 here
by permitted to attend the "A two week
certificate programme on NX CAD" 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 NX
CAD"

Dept of Mechanical Engineering,

Dr Samuel George Institute of Engineering
and Technology

Mail ID: vijay.asw@gmail.com

Phone No: 9704156545



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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE

Title of the Certification: A two week Certificate Programme on NX CAD

Year: III B Tech II Sem

Faculty Name: K. Vijaya Kumar

Academic Year: 2021-2022

14-02-2022	Essentials for NX Designers – Overview, Opening and working with parts , NX Interface, Coordinate System
15-02-2022	Creating parts with sketches, Creating part features, Geometry Editing , Creating datum geometry to support design intent ,Examining the structure of a model ,Editing and manipulating the sketches , Trimming a solid body ,Creating swept features with offset and draft
16-02-2022	Creating and editing holes, Creating and manipulating shell features ,Copying and mirroring part segments, Blending and chamfering edges ,Modifying geometry of imported parts ,Loading and working with assemblies ,Adding and positioning parts in an assembly
17-02-2022	NX Synchronous Modeling Fundamentals - Basic concepts of Synchronous Modeling, Modify Face , Detail Feature ,Delete Face
18-02-2022	Reuse commands ,Synchronous Modeling relationships ,Dimension commands ,Adaptive Shell , Edit Cross Section and Edit Section ,Optimize Face, Projects - Create and edit parts using Synchronous Modeling
19-02-2022	NX Sheet Metal - Sheet Metal workflow, Establish basic part characteristics , Define the basic shape of the part
21-02-2022	Constructing base features , Sheet Metal corners, Sheet Metal cutouts , Sheet Metal deform features , Flat Solid and Flat Pattern
22-02-2022	Advanced Sheet Metal commands , Analyze Formability – One step, Aerospace Sheet Metal , Working with non-sheet metal data
23-02-2022	Drafting Essentials - Drafting overview, Part Navigator, Master model drawings and drafting standards , Drawing sheets, Drafting views, Custom views, Move, copy, and align views
24-02-2022	Hiding geometry in drafting views, Updating drawings and drafting views, Centerline symbols, Dimensions, Notes and labels, Balloon symbols, GD&T symbols
25-02-2022	Surface finish, weld, and custom symbols , Section views, Editing section lines, Maintaining associativity • Detail views, View boundaries, Broken views, Break-out section views, View dependent edits
26-02-2022	Part Attributes, Parts lists, Sectioning assembly views, Exploded views, Ordinate dimensions, Hole Tables, Converting drawings to master model

K. Vijaya Kumar
Programme Coordinator

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College Code : 35

Name of the Program: A two week Certificate Programme on NX CAD

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	SK. 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. Naresh
19	19351A0321	J. NITHIN	J. Nithin
20	19351A0322	M. PRASHANTH	M. prashanth
21	19351A0323	K. PRATAP REDDY	K. Pratap Reddy
22	19351A0325	D. RAJESH	D. Rajesh
23	19351A0326	B. RAJESH KUMAR	B. Rajesh Kumar
24	19351A0327	G. RANGANAYAKULU	G. Ranganayakulu
25	19351A0328	G. RATNAKAR	G. Ratnakar
26	19351A0329	D. SAMSON GRACE LIVINGSTAN	D. Samson Grace Livingston
27	19351A0330	CH. SIVA	CH. Shiva.
28	19351A0331	A. SIVA KOTESWARA RAO	A. Siva Koteswara Rao
29	19351A0332	P. SIVA REDDY	P. Siva Reddy.
30	19351A0333	P. SUDARSAN	P. Sudarshan.



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College Code : 35

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
31	19351A0334	K. SUJAN PRIYANKA	K. Sujan priyanka
32	19351A0335	V. VANDAN KUMAR	V. Vandan Kumar
33	19351A0336	V. VEERESH	V. Veeresh
34	19351A0337	G. VENKATESH	G. Venkatesh
35	19351A0338	Kurukundu. VENKATESWARLU	K. Venkateswarlu.
36	19351A0339	R. VICTOR BABU	R. Victor babu
37	19351A0341	S. YEDUKONDALA VENKATA AKHIL	S.Y.V. Akhil
38	19MC1A0336	N. MAHESWAR REDDY	N. Maheswar Reddy
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. Ratna kumar
44	20355A0306	B. SIVA MADHAVA NAIDU	B. Siva madhava Naidu

K. Vijaya Kumar
Programme Coordinator

HOD OF ME
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College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on
NX CAD
Schedule of program : **14-02-2022 to 26-02-2022**
Venue : Seminar Hall
Organized by : Dept of MECHANICAL ENGINEERING
Faculty : Mr K.Vijaya Kumar
Designation : Associate Professor
Number of Participants : 44

Objectives of the Course:

- The NX CAD is designed to advance the student and enhance their productivity curve.
- The course intends to increase the student's skills, by teaching them essential course segments and accomplish
- The following: Open and examine NX models. Create and edit basic assembly structures.

Topics Covered:

- Overview of the NX interface.
- Sketching and extruding simple shapes.
- Creating and constraining sketch profiles.
- Revolving cylindrical parts.
- Adding basic design and detail features to parts.

Outcomes of the Course:

- NX enables you to accelerate design by helping to leverage your unique knowledge,
- Intellectual property, part models, product and process expertise and best practices.
- Capture and re-use knowledge instead of reinventing it.
- Quickly locate what you need from an extensive library of knowledge.

K. Vijaya Kumar
Programme Coordinator

[Signature]
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College Code : 35

DATE: 20-12-2021

CIRCULAR

All the students of **IV B Tech I SEM MECHANICAL ENGINEERING** are hereby informed to attend the “A two week Certificate Programme on **ADVANCED IN COMPUTER INTEGRATED MANUFACTURING.**” The Programme scheduled from **27-12-2021 to 08-01-2022** and delivered by **Mrs.M.V.SIRISHA**. She 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
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MARKAPUR-523 316, Prakasam Dist.


Principal

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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.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

**"ADVANCES IN COMPUTER
INTEGRATED
MANUFACTURING"**

27-12-2021 to 08-01-2022

CO-ORDINATOR

M.V.Sirisha
Department of
Mechanical Engineering

ORGANIZED BY Department of

Mechanical Engineering

Handwritten signature
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 goal of CIM is to remove all the barriers between all the functions within an operation,
- To encourage marketing, order entry, accounting, design, manufacturing, quality control,
- Shipping & all the other departments to work closely together through out the process.

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 "ADVANCES IN COMPUTER INTEGRATED MANUFACTURING"

27-12-2021 to 08-01-2022

• 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 ADVANCES IN COMPUTER
INTEGRATED MANUFACTURING" 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
Advances in Computer Integrated
Manufacturing"

Dept of Mechanical Engineering,

Dr Samuel George Institute of Engineering
and Technology

Mail ID: yadav.sirisha@gmail.com

Phone No: 9440782840

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



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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

SCHEDULE

Title of the Certification: A two week Certificate Programme on **ADVANCED IN COMPUTER INTEGRATED MANUFACTURING**

Year: **IV B Tech I Sem**

Faculty Name: **Mrs. M.V.Sirisha**

Academic Year: **2021-2022**

27-02-2021	Brief introduction to CAD and CAM – Manufacturing Planning, Manufacturing control Introduction to CAD/CAM – Concurrent Engineering - CIM concepts – Computerised elements of CIM system
28-02-2021	Types of production - Manufacturing models and Metrics – Mathematical models of Production Performance – Simple problems
29-02-2021	Manufacturing Control – Simple Problems – Basic Elements of an Automated system – Levels of Automation – Lean Production and Just-In Time Production
30-02-2021	PRODUCTION PLANNING AND CONTROL AND COMPUTERISED PROCESS PLANNING Process planning – Computer Aided Process Planning (CAPP) – Logical steps in Computer Aided Process Planning
31-02-2021	Aggregate Production Planning and the Master Production Schedule – Material Requirement planning – Capacity Planning
02-01-2022	Control Systems-Shop Floor Control Inventory Control – Brief on Manufacturing Resource Planning-II (MRP-II) & Enterprise Resource Planning (ERP) - Simple Problems.
03-01-2022	CELLULAR MANUFACTURING 9 • Group Technology (GT), Part Families – Parts Classification and coding – Simple Problems in Opitz Part Coding system – Production flow Analysis
04-01-2022	Cellular Manufacturing – Composite part concept – Machine cell design and layout – Quantitative analysis in Cellular Manufacturing
05-01-2022	– Rank Order Clustering Method - Arranging Machines in a GT cell – Hollier Method – Simple Problems.
06-01-2022	FLEXIBLE MANUFACTURING SYSTEM (FMS) AND AUTOMATED GUIDED VEHICLE SYSTEM (AGVS) 8 • Types of Flexibility - FMS – FMS Components – FMS Application & Benefits – FMS Planning and Control– Quantitative analysis in FMS – Simple Problems.
07-01-2022	Automated Guided Vehicle System (AGVS) – AGVS Application – Vehicle Guidance technology – Vehicle Management & Safety.
08-01-2022	INDUSTRIAL ROBOTICS 8 • Robot Anatomy and Related Attributes – Classification of Robots- Robot Control systems – End Effectors – Sensors in Robotics, Simple Problems.

M.V. Sirisha

Programme Coordinator

[Signature]
HOD OF ME

Mechanical Engineering

Dr. Samuel George Institute of Engineering & Technology

Markapur (Dist) A.P.

MARKAPUR-523 320, Prakasam Dist.

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

Name of the Program: A two week Certificate Programme on ADVANCES IN COMPUTER INTEGRATED MANUFACTURING

List of students Enrolled/Completed: 48

S NO	ROLL NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	18351A0301	K. ADINARAYANA	K. Adi Narayana
2	18351A0302	M. BALAIAH	M. Balaiah
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. Indraseena 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



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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. A. 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. V. S. Reddy
47	19355A0316	M. VENKATA SIVA RAMULU	M. Venkata Siva Ramulu
48	19355A0317	S. VENKATESWARLU	S. Venkateswarlu

M. V. Singh
Programme Coordinator

HOD OF ME
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College Code : 35

PROGRAM REPORT

Name of the Program : A two week Certificate Programme on
**ADVANCES IN COMPUTER
INTEGRATED MANUFACTURING**
Schedule of program : 27-12-2021 to 08-01-2022
Venue : Seminar Hall
Organized by : Dept of MECHANICAL
Faculty : Mrs. M V Sirisha
Designation : Associate Professor
Number of Participants : 48

Objectives of the Course:

- Lower the cost of production, including both direct and indirect labor.
- Optimize inventory levels.
- Lower the downtime.
- Improve the scheduling flexibility of a company.
- Maximize efficiency.
- Identify the loopholes that obstruct the production and hit the company's bottom line.
- Assist the management in collecting relevant data to optimize efficiency.

Topics Covered:

- In a CIM system functional areas such as design, analysis, planning, purchasing,
- Cost accounting, inventory control, and distribution are linked through
- The computer with factory floor functions such as materials handling
- Management, providing direct control and monitoring of all the operation.

Outcomes of the Course:

- The main advantage of CIM is the ability to create automated manufacturing processes.
- Typically CIM relies on closed-loop control processes, based on real-time input from sensors.
- It is also known as flexible design and manufacturing. For example: Automated Canning Factory.

M. V. Sirisha
Programme Coordinator

[Signature]
HOD OF ME
Mechanical Engineering
Dr. Samuel George Institute of
Engineering & Technology
SGIT, B.O. - 523 320, George Town, Darimadugu (Vi), Markapur (M), Prakasam (Dist), A.P.

Dr. Samuel George Institute of Engineering & Technology

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College Code : 35

CIRCULAR

DATE: 02-05-2022

All the students of **II B.Tech II Sem ECE** are here by informed to attend the "A two week Certificate Programme on **Hands on work on Communications**" and the Program scheduled from **09-05-2022 to 21-05-2022** and is delivered by **Dr.P. Sreenivasulu**. He will deliver the valuable information on respective program. All the students must participate and make your career enlighten.


Program 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-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

Offline Platform

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



Dr.SGIT



A Two week Certificate Programme On

“Hands on work on Communications”

09-05-2022 to 21 -05-2022

CO-ORDINATOR

Dr.P. Sreenivasulu

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

- Amplitude Modulation DSBSC, Envelope Detectors and generations
- Frequency Division Multiplexing and their applications
- Angle Modulations
- DSB SC Modulation Using Mat Lab
- Analog Receivers and Transmitters
- Effects of Noise in communications, DSBSC
- Noises in Communications
- Detect the signals in FM

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 “Hands on work on Communications”

09-05-2022 to 21-05-2022

- 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 Hands on work on Communications 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 Hands on work on Communications”
Dept of Electronics and communication Engineering,
Dr Samuel George Institute Of Engineering and Technology

Mail ID:

psrinivas.vlsi@gmail.com

9676136356

Dr. Samuel George Institute of Engineering & Technology

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An ISO 9000 : 2001 Certified Institution



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drsgit_35@yahoo.co.in

College Code : 35

SCHEDULE


Title of the Certification: A two week Certificate Programme on **Hands on work on Communications**

Year: II B.Tech

Faculty Name: Dr.P.Sreenivasulu

Academic Year: 2021-2022

09-05-2022	• Introduction to Modulation
10-05-2022	• Amplitude Modulation DSBSC, Envelope Detectors and generations
11-05-2022	• Frequency Division Multiplexing and their applications
12-05-2022	• Angle Modulations
13-05-2022	• Analog Receivers and Transmitters
14-05-2022	• Noises in Communications
16-05-2022	• Effects of Noise in communications, DSBSC
17-05-2022	• Figure of Merits and Noise Figures
18-05-2022	• Schemes of Modulations
19-05-2022	• Detect the signals in FM
20-05-2022	• Ranges of FM and AM
21-05-2022	• DSB SC Modulation Using Mat Lab


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)

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: 2021-2022

Name of the Programme: A two week Certificate Programme on Hands on work on

Communications

List of students Enrolled/Completed: 35

Year : II B.Tech

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	20351A0401	K.ANUSHA	K. Anusha
2	20351A0402	K.ASWINI	K. Aswini
3	20351A0403	M.BASKAR	M. Baskar
4	20351A0405	D.DINESH	D. Dinesh
5	20351A0406	M.GNANESH KUMAR	M. Gnanesha Kumar
6	20351A0407	G.GURIAIAH	G. Guriah
7	20351A0408	Y.HAMALATHA	Y. Hamalatha
8	20351A0409	A.HEMKUMAR	A. Hemkumar
9	20351A0410	P.JAGADEESH	P. Jagadeesh
10	20351A0411	M.JAYALAKSHMI	M. Jayalakshmi
11	20351A0412	Y.KIRAN	Y. Kiran
12	20351A0413	M.LAKSHMANA SWAMY	M. Lakshmana Swamy
13	20351A0414	K.MAHESWARI	K. Maheswari
14	20351A0415	K.NAGA MOUNIKA	K. Naga Mounika
15	20351A0416	D.NAGANJANEYULU	D. Naganjaneyulu
16	20351A0417	P.NAGA RAJU	P. Nagaraj
17	20351A0418	C.PADMAVATHI	C. Padmavathi
18	20351A0419	D.PRASANNA LAKSHMI	D. Prasanna Lakshmi
19	20351A0420	K.PREETHI	K. Preethi
20	20351A0421	K.RAJESWARI	K. Rajeswari
21	20351A0422	D.RAMA KRISHNNA	D. Rama Krishna
22	20351A0423	C.RAVANAMMA	C. Ravana
23	20351A0424	SK.SALMAN BASHA	SK. Salman
24	20351A0425	K.SAMEERA	K. Sameera
25	20351A0426	SK.SHAHEENA	SK. Shaheena
26	20351A0427	N.SUMITHRA	N. Sumithra
27	20351A0428	G.SUNIL	G. Sunil
28	20351A0429	G.SWATHI	G. Swathi
29	20351A0430	B.SWETHA	B. Swetha
30	20351A0431	M.VARDHAN	M. Vardhan
31	20351A0432	B.VIJAY KUMAR	B. Vijaya Kumar
32	21355A0401	U.GAJENDRA	U. Gajendra
33	21355A0402	SK.NEELOUFAR	SK. Neeloufar
34	21355A0403	D.SIVA MARUTHI REDDY	D. S. M. R.
35	21355A0404	T.SWATHI	T. Swathi

Programme Coordinator

HOD OF ECE

Head of the Dept.
Dept. of ECE
Dr. Samuel George Institute
Engineering & Technology
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 Programme : A two week Certificate Programme
on **Hands on work on**
Communications

Schedule of programme : 09-05-2022 TO 21-05-2022

Venue : Seminar Hall

Organized by : Dept of ECE

Faculty : Dr. P.Sreenivasulu

Designation : Professor

Number of Participants : 35

Objectives of this Course are:


- Impart the basic concepts of analog modulation schemes.
- Describe different types of noise and predict its effect on various analog communication systems.
- Know the techniques of analog communication and noise analysis in analog communication.
- 1. Familiarize with the fundamentals of analog communication systems
- 2. Familiarize with various techniques for analog modulation and demodulation of signals
- 3. Distinguish the figure of merits of various analog modulation methods
- 4. Develop the ability to classify and understand various functional blocks of radio transmitters and receivers

Learning Outcomes

Upon successful completion of this course, students should be able to:

- Analyze energy and power spectral density of the signal.
 - Develop an understanding of the performance of analog communication systems.
 - Calculate bandwidth and power requirements for analog systems.
 - Analyze the different characteristics of the receiver.
1. Differentiate various Analog modulation and demodulation schemes and their spectral characteristics
 2. Analyze noise characteristics of various analog modulation methods
 3. Analyze various functional blocks of radio transmitters and receivers

Programme Coordinator


HOD OF ECE
Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
Engineering & Technology
MARICAPUR, S. Prakasham (Dist), A.P.

Dr. Samuel George Institute of Engineering & Technology



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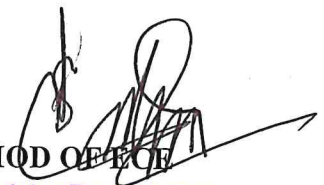
College Code : 35

CIRCULAR

DATE: 11-04-2022

All the students of **III B.Tech II Sem ECE** are here by informed to attend the "A two week Certificate Programme on **IOT and Its Applications** "and the Programming scheduled from **18-04-2022 to 30-04-2022** and is delivered by **Mr.SK.Mastan vali**. 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
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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 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. Visweswaraya, Dr. APJ Abdul Kalam and Radha Krishnan.

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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
Offline Platform.

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



Dr.SGIT



A Two week Certificate Programme On

“IOT and Its Applications”

18-04-2022 to 30-04-2022

CO-ORDINATOR
SK. Mastan vali

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

- What is IOT, how does it work
- Difference between Embedded device and IOT device
- Properties of IOT device
- IOT Ecosystem
- IOT Decision Framework
- IOT Solution Architecture Models
- How IOT is Transforming Businesses
- Major IOT Boards in Market
- Explore Raspberry Pi
- IOT Communication Protocols
- Raspberry pi as a Device Presence Detector

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 "IOT and Its Applications"

18-04-2022 to 30 -04-2022

- 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 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 IOT and Its Applications"

Dept of Electronics and communication Engineering,

Dr Samuel George Institute Of Engineering and Technology

Mail ID: mastan442@gmail.com

Phone. No: 9949434425

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 IOT and Its Applications Year: III B.Tech
Faculty Name: Mr.SK.Mastan vali **Academic Year:** 2021-2022

18-04-2022	<ul style="list-style-type: none">What is IOT, how does it work
19-04-2022	<ul style="list-style-type: none">Difference between Embedded device and IOT device
20-04-2022	<ul style="list-style-type: none">Properties of IOT device
21-04-2022	<ul style="list-style-type: none">IOT Ecosystem
22-04-2022	<ul style="list-style-type: none">IOT Decision Framework
23-04-2022	<ul style="list-style-type: none">IOT Solution Architecture Models
25-04-2022	<ul style="list-style-type: none">How IOT is Transforming Businesses
26-04-2022	<ul style="list-style-type: none">Major IOT Boards in Market
27-04-2022	<ul style="list-style-type: none">Explore Raspberry Pi
28-04-2022	<ul style="list-style-type: none">IOT Communication Protocols
29-04-2022	<ul style="list-style-type: none">Remote Monitoring
30-04-2022	<ul style="list-style-type: none">Raspberry pi as a Device Presence Detector

SK. mastan
Programme Coordinator

[Signature]
HOD OF ECE
Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
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drsgit_35@yahoo.co.in

College Code : 35

Department: ECE

Academic Year: 2021-2022

Name of the Programme: A two week Certificate Programme on IOT and Its Applications

List of students Enrolled/Completed: 93

Year : III B.Tech

S.No.	ROLL. No.	NAME OF THE STUDENT	SIGNATURES
1	19351A0401	DARSANAM AJAY KUMAR	D. Ajay Kumar
2	19351A0402	MUKKIDI ASHOK KUMAR	M. Ashok Kumar
3	19351A0403	ANANDAPALLI ATCHUTH	A. Atchuth
4	19351A0404	PONTHATHI ATHREYA REDDY	P. Athreya Reddy
5	19351A0405	DIVVELA BHAVYA	D. Bhavya
6	19351A0406	BANAVATH CHINNA VASTRAM NAIK	B. Vasthram Naik
7	19351A0407	DUDEKULA DASTAGIRI BABU	D. Dastagiri Babu
8	19351A0408	VARIKUNTLA DEDEEPIYA	V. Dedeepya
9	19351A0409	GUJJARLAPUDI DEVAKUMARI	G. Deva Kumari
10	19351A0410	REDDEPOGU GAYATHRI	R. Gayathri
11	19351A0411	CHATLA GOPI	C. Gopi
12	19351A0412	DOLA GOPI	D. Gopi
13	19351A0413	SHAIK GOUSE BASHA	S.K. Basha
14	19351A0414	SULAM GURU GOPAL	S. Gurugopal
15	19351A0415	SHAIK HAZLIYANA	S.K. Hazliyana
16	19351A0416	SYED JAFAR SADIK	S. S. Adik
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. Lakshmi Narayana
23	19351A0423	PAGADALA LAKSHMI PRASAD	P. Prasad
24	19351A0424	BEJAWADA LALITH KUMAR	B. Lalith Kumar
25	19351A0425	YANGOLLA LEENA	Y. Leena
26	19351A0426	SHAIK MAHABOOB BASHA	S.K. Basha
27	19351A0427	SHAIK MAHAMMAD ALTHAF	S.K. Althaf
28	19351A0428	AVULA MAHESH	A. Mahesh
29	19351A0429	HARIJANA MAHESWARI	H. Maheswari
30	19351A0430	SHAIK MALIK BASHA	S.K. Basha
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. Reddy
36	19351A0436	P H NARESH	P.H. Nareesh
37	19351A0437	BOMMANABOINA NAVEEN	B. Naveen
38	19351A0438	BANDARU NIRMALA	B. Nirmala
39	19351A0439	DADDANALA PAVANKUMAR REDDY	D. Pavankumar Reddy
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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drsgit_35@yahoo.co.in

College Code : 35

44	19351A0444	MALLEPOGU RADHIKA	M. Radhika
45	19351A0445	PULUKURI RAJA KUMAR	P. Raja Kumar
46	19351A0446	GALI RAJAREDDY	G. Raja Reddy
47	19351A0447	ALISYAM RAJASEKHAR REDDY	A. Rajasekhara Reddy
48	19351A0448	POLIBOINA RAJESWARI	P. Rajeswari
49	19351A0449	GALI RAJYA LAKSHMI	G. Rajyalakshmi
50	19351A0450	PADI RAMESH	P. Ramesh
51	19351A0451	DUDEKULA RASOOL BASHA	D. Rasool Basha
52	19351A0452	SHAIK RAWOOF	S. Rawoof
53	19351A0453	CHAKALI SAILAJA	C. Sailaja
54	19351A0454	TAGARAM SAILAJA	T. Sailaja
55	19351A0455	DEVIREDDY SAINADH REDDY	D. Reddy
56	19351A0456	ELASAGARAM SAISA	E. Saisa
57	19351A0457	SHAIK SARFARAJ	S. Sarfaraj
58	19351A0458	PERLA SASIDHAR REDDY	P. S. Reddy
59	19351A0459	KALAGOTLA SATHISH KUMAR REDDY	K. Sathish
60	19351A0460	SHAIK SHAHID BASHA	SK. Basha
61	19351A0461	PERUMALLA SHYAM	P. Shyam
62	19351A0462	GUMMA SIVA RAJU	G. Siva Raju
63	19351A0463	MALLEPOGU SPANDANA	M. Spandana
64	19351A0464	RAJARAPU SRAVANI	R. Sravan
65	19351A0465	REPALLE SRAVANI	R. Sravan
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. Sunil Kumar
72	19351A0472	PALIGELLA SUREKHA	P. Surekha
73	19351A0473	PANTHANGI SURYAPRAKASH REDDY	P. Surya
74	19351A0474	MADANAPU SWETHA	M. Swetha
75	19351A0475	MIDDE SYAMALA	M. Syamala
76	19351A0476	KOTHA TEJASWI	K. Tejaswini
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. Venkatakrishna Rao
82	19351A0482	SALE VENKATA LAKSHMI	S. Venkata Lakshmi
83	19351A0483	PARSHA VENKATA LAKSHMI SOWMIKA	P. Sowmika
84	19351A0484	MARAMREDDY VENKATA NAGALAKSHMI	M. Venkata Naga Lakshmi
85	19351A0485	KAYAKAKULA VENKATA NAGARAJU	K. Raju
86	19351A0486	KONDA VENKATA NAGA SAI KUMAR	K. Naga 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	C. Babu
91	20355A0401	K.BHASKAR	K. Bhaskar
92	20355A0402	G.PANDU RANGA SWAMI	G. Pandu
93	20355A0403	P.VAMSI	P. Vamsi

SK. mohan

Programme Coordinator

HOD OF ECE

Head of the Department
Dept. of ECE
Dr. Samuel George Institute of
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MARKAPUR-523 316, Prakasam(Dt.)

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College Code : 35

PROGRAMME REPORT

Name of the Programme : A two week Certificate
Programme on **IOT and Its Applications**
Schedule of programme : 18-04-2022 TO 30-04-2022
Venue : IOT Lab
Organized by : Dept of ECE
Faculty : Mr. SK.Mastan vali
Designation : Assistant Professor
Number of Participants : 93

Objectives of this Course are:

The primary objective of this Introduction to IOT Training Course is to give you insights into the bright and exciting future of the Internet of Things (IOT). The course will familiarize you with IOT concepts, its origin, impact, methodologies and tools, and how IOT is integrated into business applications to improve business results.

Topics Covered:


- Acquire knowledge about various protocols of IOT.
- To learn and understand design principles and capabilities of IOT.
- To learn and understand elements of IOT system.

Outcomes of the Course:

The students will be able to

- Understand internet of Things and its hardware and software components.
- Interface I/O devices, sensors & communication modules.
- Remotely monitor data and control devices.
- Design real time IOT based applications


Programme Coordinator


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

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College Code : 35

CIRCULAR

DATE: 11-04-2022

All the students of IV B.Tech II SEM ECE are here by informed to attend the "A two week Certificate Programme on Trends on Satellite Communications "and the Programming scheduled from 18-04-2022 to 30-04-2022 and is delivered by Mr. Y.V.Adi satyanarayana . 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 has 100 Mbps 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. 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

Offline Platform.

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



Dr.SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

TRENDS ON SATELLITE COMMUNICATIONS

18-04-2022 TO 30-04-2022

CO-ORDINATOR

Y.V. ADI SATYA NARAYANA

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

- Overview of network characteristics satellites
- Standardization of satellites
- Description of satellite system components
- Description of satellite orbits and perturbation
- Overview of satellite transmission
- Concept of satellite signalling
- Understanding of installation and launching
- Satellite space system overview
- Different types of satellites
- Different satellite generations and applications

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

“Trends on Satellite Communications”

18-04-2022 TO 30-04-2022

- 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 **Trends on Satellite Communications** 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 **“Trends on Satellite Communications”** Dept of Electronics and communication engineering,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: yvsnlp@GMAIL.COM
PHONE. NO: 8008289383

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

SCHEDULE

Title of the Certification: A two week Certificate Programme on Trends on Satellite Communications

Year: IV B.Tech

Faculty Name: Mr. Y.V.Adi satyanarayana

Academic Year: 2021-2022

18-04-2022	Introduction to Satellite system
19-04-2022	Satellite System Components
20-04-2022	Satellite Orbits and Perturbation
21-04-2022	Satellite Transmission
22-04-2022	Satellite Radio wave Propagation
23-04-2022	Satellite Launching
25-04-2022	Satellite Space System
26-04-2022	HTS and DVB Satellites
27-04-2022	GPS and Telemetry Satellites
28-04-2022	Satellite Generations
29-04-2022	Applications of Satellites
30-04-2022	Delays and Noises in Satellites

Programme Coordinator

HOD OF ECE

Head of the Department
Dept. of E C E
Dr. Samuel George Institute of
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drsgit_35@yahoo.co.in

College Code : 35

Department: ECE

Academic Year: 2021-2022

Name of the Programme: A two week Certificate Programme on Trends on Satellite

Communications

List of students Enrolled/Completed: 103

YEAR : IV 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 DEDEEPPYA	Y. Dedeeppya
11	18351A0411	G DHANUNJAYA REDDY	G. Dhanunjaya 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 KRISHNA VENI	V. Krishna Veni
26	18351A0427	DIBBAMADUGU LAKSHMI DEVI	D. Lakshmi Devi
27	18351A0428	VENNA LAKSHMI SRINIVASAREDDY	V. Srinivasareddy
28	18351A0429	AADONI LOKESH	A. Lokesh
29	18351A0430	SYED MAHABOOB BASHA	S. Mahabooob 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	PAMISETTY NAGENDRA PRASAD	P. Nagendra Prasad
41	18351A0443	NAYAKANTI PARIMALA	N. Parimala
42	18351A0444	GANNARAPU PAVAN	G. Pavan
43	18351A0445	VENNA PAVAN KUMAR REDDY	V. Pavan Kumar reddy

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drsgit_35@yahoo.co.in

College Code : 35

44	18351A0446	YERRAMPALLI PRANAY KUMAR	X. Pranay Kumar.
45	18351A0447	PATAN RAHAMTULLA	P. Rahamtulla
46	18351A0448	SONTI RAJAMOHAN REDDY	Sonti Rajamohan Reddy
47	18351A0449	TATHIREDDY RAJASEKHAR REDDY	Tathireddy Rajasekhara 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. Sravani.
62	18351A0464	KAMALAPURAM SREENU	K. Srinu
63	18351A0465	MYLARI SUDHAKAR	S. A. Sudhanya
64	18351A0466	SANDHYAPOGU SUKANYA	M. Sudhanya
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. Vamsi Krishna
74	18351A0476	BANAVATH VAMSINAIK	B. Vamsi Naik
75	18351A0477	THOTA VENKATA ANITHA	T.V. Anitha
76	18351A0478	MODIGARI VENKATA KAVYA	M.V. Kavya
77	18351A0479	GADWALA VENKATA RAMANA	G.V. Ramana
78	18351A0480	GURRAM VENKATA RAMANA	G. Venkata Ramana
79	18351A0481	BHUMIREDDY VENKATA RAMI REDDY	B. Venkata Ramireddy
80	18351A0482	BHAVANAM VENKATA REDDY	B. Venkata Reddy.
81	18351A0483	YADAVALLI VENKATA SHIRISHA	Y. Venkata Shirisha

Dr. Samuel George Institute of Engineering & Technology

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An ISO 9000 : 2001 Certified Institution



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College Code : 35

82	18351A0484	GAJVALI V SIVA LAKSHMI NARAYANA	G. Sivalakshmi
83	18351A0485	PANDILLA VENKATA SUBBAIAH	Pandilla Venkata Subbaiah
84	18351A0486	G.V. SUBBULU	G.V. Subbulu
85	18351A0487	DASARI VENKAT SACHIN	D. Venkat Sachin
86	18351A0488	MADHIRE V BHASKARA REDDY	M.V. Bhaskara Reddy
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. Niranjan Babu
96	19355A0408	A. RATHANAVALLI	A. Rathnavalli
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 (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 Trends on Satellite Communications
Schedule of program : 18-04-2022 to 30-04-2022
Venue : Seminar hall
Organized by : Dept of ECE
Faculty : Mr. Y.V.Adi Satyanarayana
Designation : Assoc. Professor
Number of Participants : 103

Objectives of this Course are:

This program of satellite communications describes the satellite communications technique. It covers the description of satellite system components and also the understanding of launching and installation procedure. In such communications, satellites must operate with reliability of 99.999 % in space with no maintenance and repair options. A satellite in orbit has to operate continuously over its entire life span

1. Understand the basic concepts, applications, frequencies used and types of satellite communications.
2. Understand the concept of look angles, launches and launch vehicles and orbital effects in satellite communications.
3. Understand the various satellite subsystems and its functionality.
4. Understand the concepts of satellite link design and calculation of C/N ratio.
5. Understand the concepts of satellite navigation, architecture and applications of GPS.

Learning Outcomes

1. Understand the concepts, applications and subsystems of Satellite communications.
2. Derive the expression for G/T ratio and to solve some analytical problems on satellite link design.
3. Understand the various types of multiple access techniques and architecture of earth station design.
4. Understand the concepts of GPS and its architecture..

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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drsgit_35@yahoo.co.in


College Code : 35

CIRCULAR

DATE: 20-07-2021

All the students of II – B.Tech I – Semester CSE are hereby informed to attend the “A TWO WEEK CERTIFICATE PROGRAMME ON FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY” and the programme Scheduled from 02-08-2021 to 14-08-2021 and is delivered by Mr. V.EMANUEL RAJU. He will deliver the valuable information on 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-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 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. Y. ESWARA RAO

Principal

PATRON

Prof. CH. RAJA BABU

Vice Principal

CONVENOR

Dr. P.P.S. Naik

Head of the Department

Computer Science and Engineering

VENUE

Offline Platform.

PRINCIPAL

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



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"FUNDAMENTALS OF
BLOCKCHAIN TECHNOLOGY"

02-08-2021 TO 14-08-2021

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

- 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 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

“Fundamentals of Blockchain Technology”

02-08-2021 TO 14-08-2021

- 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 **Fundamentals of 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 “ **Fundamentals of Blockchain Technology**”

Dept of Computer Science and Engineering.,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: emanuel.deepa@gmail.com

PHONE: 8555970434

Dr. Samuel George Institute of Engineering & Technology



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drsgit_35@yahoo.co.in

College Code : 35

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON
FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY

Faculty Name: Mr. V.EMANUEL RAJU

Year: II-B.Tech
Academic Year: 2021 - 2022

Day	Topic Covered
Day 1	INTRODUCTION TO BLOCKCHAIN: Distributed DBMS – Limitations of Distributed DBMS, Introduction to Block chain – History, Definition, Distributed Ledger,
Day 2	Blockchain Categories – Public, Private, Consortium, Blockchain Network and Nodes, Peer-to-Peer Network,
Day 3	Mining Mechanism, Generic elements of Blockchain, Features of Blockchain, and Types of Blockchain.
Day 4	BLOCKCHAIN ARCHITECTURE: Operation of Bitcoin Blockchain, Blockchain Architecture – Block, Hash, Distributer P2P,
Day 5	Structure of Blockchain- Consensus mechanism: Proof of Work (PoW), Proof of Stake (PoS),
Day 6	Byzantine Fault Tolerance (BFT), Proof of Authority (PoA) and Proof of Elapsed Time (PoET)
Day 7	BLOCKCHAIN-BASED FUTURES SYSTEM: Project presentation- Futures smart contract: Blockchain oracles- Web3j: Setting up the Web3J- Installing web3j- Wallet creation,
Day 8	Java client: The wrapper generator- Initializing web3j- Setting up Ethereum accounts- Deploying the contract
Day 9	BLOCKCHAINS IN BUSINESS AND CREATING ICO: Public versus private and permissioned versus permission less blockchains- Privacy and anonymity in Ethereum- Why are privacy and anonymity important? - The Ethereum Enterprise Alliance- Blockchain1as-a-Service
Day 10	Initial Coin Offering (ICO): Project setup for ICO implementation- Token contracts- Token sale contracts- Contract security and testing the code.
Day 11	DISTRIBUTED STORAGE IPFS AND SWARM: Ethereum Virtual Machine- Swarm and IPFS: Installing IPFS, Hosting our frontend: Serving your frontend using IPFS,
Day 12	Serving your frontend using Swarm, IPFS file uploader project: Project setup the web page


PROGRAMME COORDINATOR


HOD-CSE

HEAD OF THE DEPARTMENT

SGIT, B.O. - 523 320, George Town, Darimadugu (Vi), Markapur (M), Prakasam (Dist), A.P.
Dr. SGIT, Markapur, Prakasam(Dt), A.P.

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College Code : 35

Department of Computer Science and Engineering

Name of the Program: A TWO WEEK CERTIFICATE PROGRAMME ON FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY

List of Students Enrolled/Completed: 85

Year: II-B.Tech

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	SIGNATURE
1	20351A0502	M.AFREEN	M. Afreen
2	20351A0503	SK.AFSHA ZAREEN BANU	Gk. Afsha Zareenbanu
3	20351A0504	D.AJAYDATTA	D. Ajaydatta
4	20351A0505	Y.AKSHAYA	Y. Akshaya
5	20351A0506	A.ANJALI	A. Anjali
6	20351A0507	M.ARCHANA	M. Archana
7	20351A0508	R.ARUNA	R. Aruna
8	20351A0509	N.S.ASHRIFA	N.S. Ashrifa
9	20351A0510	A.ASWANI	A. Aswani
10	20351A0511	D.AZEEM	D. Azeem
11	20351A0512	K.BAYI GADDAPPA	K. Bayi Gaddappa
12	20351A0513	B.BHANU	B. Bhanu
13	20351A0514	R.DANAIAH	R. Danaiah
14	20351A0516	S.DILEEP KUMAR	S. Dileep Kumar
15	20351A0517	B.DIYA SREE	B. Diya Sree
16	20351A0518	P.EZRA	P. Ezra
17	20351A0519	B.GANESH	B. Ganesh
18	20351A0520	M.GANESH	M. Ganesh
19	20351A0521	B.GANGOTHRI	B. Gangathi
20	20351A0522	M.GAYATHRI	M. Gayathri
21	20351A0523	A.GOWTHAM REDDY	A. Gowtham reddy
22	20351A0524	K.HARI KRISHNA	K. Harikrishna
23	20351A0525	J.HARIPRASAD	J. hariprasad
24	20351A0526	D.HARSHITHA REDDY	D. Harshitha Reddy
25	20351A0527	N.JAGADEESH	N. Jagadeesh
26	20351A0528	G.JAYADEEP REDDY	G. Jayadeep reddy
27	20351A0529	G.JAYA KOMALA	G. Jaya Komala
28	20351A0530	P.KARTHEEK	P. Kartheek
29	20351A0531	P.KIRAN BABU	P. Kiran babu
30	20351A0532	D.LAKSHMI PRASANNA	D. lakshmi prasanna
31	20351A0533	A.LOKA PAVANI	A. loka pavani

32	20351A0534	P.MADHURI	P. Madhuri
33	20351A0535	K.MAHADEVA	K. Mahadeva
34	20351A0536	G.MALLIKARJUNA	G. mallikarjuna
35	20351A0537	B.MANO HAR	B. manohar
36	20351A0538	SK.MASOOD AHAMMAD	Sk. massod Ahamad
37	20351A0539	M.MOUNIKA	M. Mounika
38	20351A0540	B.NAGENDRACHARI	B. nageन्द्रachari
39	20351A0541	S.NANDEESH	S. Nandeesh
40	20351A0542	A.NARENDRA	A. Narendra
41	20351A0543	G.NARENDRA REDDY	G. narendra reddy
42	20351A0544	C.NAVEEN KUMAR	C. naveen kumar
43	20351A0545	V.NAVYA	V. Navya
44	20351A0546	D.NAYAB RASOOL	D. Nayab rasool
45	20351A0547	M.NITHIN	M. Nithin
46	20351A0548	V.OMPRASAD REDDY	V. ompasad
47	20351A0549	SK.PARVEEN	Sk praveen
48	20351A0550	M.PAVANI	M. pavani
49	20351A0551	P.PAVAN KALYAN	P. Pavan kalyan
50	20351A0552	K.PRATHIBA	K. prathiba
51	20351A0554	K.PULLAIAH	K. pullaiah
52	20351A0555	N.RAJA SEKHAR	N. Raja sekhar
53	20351A0556	G.RAJ KUMAR	G. Raj Kumar
54	20351A0557	G.RAMANAIAH	G. Ramanaiah
55	20351A0558	D.RAVI	D. Ravi
56	20351A0559	K.RAVEENDRA	K. Raveendra
57	20351A0560	T.RAVI	T. Ravi
58	20351A0561	T.RAVITEJA	T. Raviteja
59	20351A0562	P.RENUKA	P. Renuka
60	20351A0563	K.ROHIT	K. Rohit
61	20351A0564	C.RUDRESH	C. Rudresh
62	20351A0565	N.SAHITHYA	N. Sahithya
63	20351A0566	B.SAITEJA REDDY	B. Saiteja reddy
64	20351A0567	M.SAMEERA	M. Sameera
65	20351A0568	B.SANDHYA	B. Sandhya
66	20351A0569	M.SHAHUL HAMEED	M. Shahul hameed
67	20351A0570	D.SIVA PRASAD	D. Siva prasad
68	20351A0571	T.SIVA PRIYANKA	T. Siva Priyanka
69	20351A0572	M.SONIA	M. Sonia
70	20351A0573	K.SRIKANTH	K. Srikanth
71	20351A0574	Y.SUBHASITHA	Y. Subhasitha
72	20351A0575	U.SUJITH KUMAR	U. Sujith kumar
73	20351A0576	P.SUMANTH	P. Sumanth
74	20351A0577	N.SUNDARA RAO	N. Sundara rao
75	20351A0578	K.SWATHI	K. Swathi



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drsgit_35@yahoo.co.in

College Code : 35

Programme Report

Name of the Programme : A TWO WEEK CERTIFICATE PROGRAMME ON FUNDAMENTALS ON BLOCKCHAIN TECHNOLOGY
Schedule of programme : 02-08-2021 to 14 -08-2021
Venue : JKC Lab
Organized by : Department of CSE
Resource Person details : Mr. V.EMANUEL RAJU, Asst. Professor, SGIT, Markapur.
Number of Students attended: 85


Dr. Samuel George Institute of Engineering And Technology organized "TWO WEEK CERTIFICATE PROGRAMME ON FUNDAMENTALS ON BLOCKCHAIN TECHNOLOGY" for II Year B.Tech students by the resource person V.Emanuel Raju from 02-08-2021 to 14-08-2021. 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.

Programme Objectives:

- To understand the history, types and applications of Blockchain
- To acquire knowledge about cryptography and consensus algorithms.
- Deploy projects using Web3j and design blockchain based applications

Programme Outcomes:

- Contentedly discuss and describe the history, types and applications of Blockchain
- Gains familiarity with cryptography and Consensus algorithms.
- Create and deploy projects using Web3j.
- Implement an ICO on Ethereum
- Design blockchain based application with Swarm and IPFS


PROGRAMME COORDINATOR


HOD-CSE
HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
Dr. SGIT, Markapur, Prakasam(Dt), A.P.

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


College Code : 35

CIRCULAR

DATE: 01-08-2021

All the students of III – B.Tech I – Semester CSE are hereby informed to attend the “A TWO WEEK CERTIFICATE PROGRAMME ON COMPUTER/DIGITAL FORENSICS” and the programme Scheduled from 16-08-2021 to 28-08-2021 and is delivered by Mr.D.KUMAR. He will deliver the valuable information on 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.

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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 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.

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ORGANIZING COMMITTEE

CHIEF PATRON

Dr. Y.ESWARA RAO

Principal

PATRON

Prof. CH. RAJA BABU

Vice Principal

CONVENOR


Dr. P.P.S. Naik

Head of the Department

Computer Science and Engineering

VENUE

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OF ENGINEERING & TECHNOLOGY
MARKAPUR-523 316, Prakasam Dist.



Dr. SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"COMPUTER/DIGITAL FORENSICS"

16-08-2021 TO 28-08-2021

CO-ORDINATOR

D. KUMAR

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

- explain the origins of forensic science
- explain the difference between scientific conclusions and legal decision-making
- explain the role of digital forensics and the relationship of digital forensics to traditional forensic science, traditional science and the appropriate use of scientific methods
- outline a range of situations where digital forensics may be applicable
- identify and explain at least three current issues in the practice of digital forensic investigations.

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 COMPUTER/DIGITAL FORENSICS

16-08-2021 TO 28-08-2021

- 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
Computer/Digital Forensics 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 inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

A Two week certificate programme on
“Computer/Digital Forensics”

Dept of Computer Science and Engineering.,

DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY

MAIL ID: kumar.mtech1@gmail.com

PHONE: 9704809093

Dr. Samuel George Institute of Engineering & Technology

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An ISO 9000 : 2001 Certified Institution



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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


Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON
COMPUTER/DIGITAL FORENSICS

Faculty Name: Mr.D.KUMAR

Year: III-B.Tech
Academic Year: 2021 - 2022

Day	Topic Covered
Day 1	Introduction to digital forensic
Day 2	Computer forensics investigation process
Day 3	Digital evidence and first responder procedure
Day 4	Understanding storage media and file system
Day 5	Windows forensics
Day 6	Logs & event analysis and password cracking
Day 7	Network forensics
Day 8	Wireless attacks
Day 9	Investigating web attacks
Day 10	Investigating email attacks
Day 11	Mobile device forensics
Day 12	Investigative reports, expert witness and cyber regulations


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

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

College Code : 35

Department of Computer Science and Engineering

Name of the Program: A TWO WEEK CERTIFICATE PROGRAMME ON COMPUTER/DIGITAL FORENSICS

List of Students Enrolled/Completed: 89

Year: III-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. CHANDU CHANDANA	M. Chandu 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	C. JYOTHI	C. 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. Lakshmi Kantar 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. NAGAMANI	J. Nagamani
34	19351A0536	M. NAGAPPA	M. Nagappa
35	19351A0537	M. NAGAVENI	M. Nagaveni
36	19351A0538	G. NANDHINI	G. Nandini
37	19351A0539	M. NAVYA	M. Navya
38	19351A0540	SK. NISSAR AHAMAD	SK. Nissar Ahmad
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.MBATI PRIYA	A. MBATI Priya
49	19351A0551	K.ONDETI RAASI	K. Ondeti Raasi
50	19351A0552	V. RAJA SEKHARA REDDY	V. Raja Sekhara Reddy
51	19351A0553	.P RAJESH KUMAR	P. Rajesh Kumar
52	19351A0554	Y.RAKESH	Y. Rakesh
53	19351A0555	M. RAMAKRISHNA	M. Rama Krishna
54	19351A0556	D. RANGA RAJU	D. Ranga Raju
55	19351A0557	CH. RANGAVANI	CH. Ranga Vani
56	19351A0558	P. R K VENKATA LOKESH	P.R.K. Venkata Lokesh
57	19351A0559	U. RITHWIK REDDY	U. Rithwik Reddy
58	19351A0560	SK. RUFIYA 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	SK. Samiya
64	19351A0566	A. SANDEEPA	A. Sandeepa
65	19351A0567	S. SANDHYA	S. Sandhya
66	19351A0568	M. SARASWATHI	M. Sara Swathi
67	19351A0569	SD. SHOAI B AKTHAR	SD. Shoaib 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. Subbareddy
74	19351A0576	I. SUBHASHINI	I. Subhashini
75	19351A0577	T.SUDEEPTHI	T. Suddeepthi
76	19351A0578	U. SUMANTH	B. Sumanth
77	19351A0579	B. SUPRIYA	B. Supriya
78	19351A0581	S. VAMSI KRISHNA	S. vamsi Krishna

79	19351A0582	J. VARSHITHA	T. Varshitha.
80	19351A0583	G.VEERANJINEYULU	G. veeranjineyulu
81	19351A0584	P. VENKATA AVINASH	P. Venkata Avinash
82	19351A0585	A. VENKATA BHASKAR REDDY	A. venkata Bhaskarreddy
83	19351A0586	G. VENKATA LAKSHMI TANUJA	G.V Lakashmi Tanuja
84	19351A0587	V. V SAI KIRAN REDDY	V.V Saikiran Reddy
85	19351A0588	K. V SAI TEJESWAR REDDY	K.v sai Tejeswar reddy
86	19351A0590	D. VENKATA SIREESHA	D. Venkata Sireesha
87	19351A0591	G. VIJAYA KUMARI	G. Vijaya kumari
88	19351A0592	C. VIKAS	C. Vikas
89	19351A0593	A. VINAY	A. vinay


 PROGRAMME COORDINATOR


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



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drsgit_35@yahoo.co.in

College Code : 35

Programme Report

Name of the Programme : A TWO WEEK CERTIFICATE PROGRAMME ON COMPUTER/DIGITAL FORENSICS
Schedule of programme : 16-08-2021 to 28 -08-2021
Venue : JKC Lab
Organized by : Department of CSE
Resource Person details : Mr. D.KUMAR, Associate Professor, SGIT, Markapur.
Number of Students attended: 89

Dr. Samuel George Institute of Engineering And Technology organized "A TWO WEEK CERTIFICATE PROGRAMME ON COMPUTER/DIGITAL FORENSICS" for III Year B.Tech students by the resource person D.Kumar from 16-08-2021 to 28-08-2021. 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.

Programme Objectives:

- It helps to recover, analyze, and preserve computer and related materials in such a manner that it helps the investigation agency to present them as evidence in a court of law.
- It helps to postulate the motive behind the crime and identity of the main culprit.
- Designing procedures at a suspected crime scene which helps you to ensure that the digital evidence obtained is not corrupted.
- Data acquisition and duplication: Recovering deleted files and deleted partitions from digital media to extract the evidence and validate them.
- Helps you to identify the evidence quickly, and also allows you to estimate the potential impact of the malicious activity on the victim

Programme Outcomes:

- explain the origins of forensic science
- explain the difference between scientific conclusions and legal decision-making
- explain the role of digital forensics and the relationship of digital forensics to traditional forensic science, traditional science and the appropriate use of scientific methods
- outline a range of situations where digital forensics may be applicable
- Identify and explain at least three current issues in the practice of digital forensic investigations.


PROGRAMME CO-ORDINATOR


HOD-CSE

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

Dr. Samuel George Institute of Engineering & Technology

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drsgit_35@yahoo.co.in

College Code : 35

CIRCULAR

DATE: 20-08-2021

All the students of IV B.Tech I – Semester CSE are hereby informed to attend the "A TWO WEEK CERTIFICATE PROGRAMME ON DEEP LEARNING" and the programme Scheduled from 30-08-2021 to 11-09-2021 and is delivered by Dr. P.P.S. NAIK. He will deliver the valuable information on 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 qualified 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

Offline Platform.


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



Dr.SGIT



A TWO WEEK CERTIFICATE PROGRAMME ON

"DEAP LEARNING"

30-08-2021 TO 11-09-2021

CO-ORDINATOR

Dr. P.P.S. NAIK

Department of
Computer Science and
Engineering

ORGANIZED BY

Department of
Computer Science and
Engineering

Dr. Samuel George Institute of
Engineering & Technology,
Affiliated to JNTUK,
Markapur – 523 320.

TARGET AREAS

- Identify the deep learning algorithms which are more appropriate for various types of learning tasks in various domains.
- Implement deep learning algorithms and solve real-world problems.

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

“Deep Learning”

30-08-2021 TO 11-09-2021

- 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 **Deep Learning** 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 inability to attend the program.

Date:

Place:

Signature of the Applicant

CONTACT US

The Co-ordinator

A Two week certificate programme on “**Deep Learning**”
Dept of Computer Science and Engineering.,
DR SAMUEL GEORGE INSTITUTE OF
ENGINEERING AND TECHNOLOGY
MAIL ID: ppsnaik@gmail.com
PHONE: 9885926825

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

College Code : 35

Name of the Programme: A TWO WEEK CERTIFICATE PROGRAMME ON DEEP LEARNING


Faculty Name: Dr. PPS NAIK

Year: IV-B.Tech

Academic Year: 2021 - 2022

Day	Topic Covered
Day 1	Introduction to Deep Learning, Bayesian Learning, Decision Surfaces
Day 2	Linear Classifiers, Linear Machines with Hinge Loss
Day 3	Optimization Techniques, Gradient Descent, Batch Optimization
Day 4	Introduction to Neural Network, Multilayer Perceptron, Back Propagation Learning
Day 5	Unsupervised Learning with Deep Network, Autoencoders
Day 6	Convolutional Neural Network, Building blocks of CNN, Transfer Learning
Day 7	Revisiting Gradient Descent, Momentum Optimizer, RMSProp, Adam
Day 8	Effective training in Deep Net- early stopping, Dropout, Batch Normalization, Instance Normalization, Group Normalization
Day 9	Recent Trends in Deep Learning Architectures, Residual Network, Skip Connection Network, Fully Connected CNN etc.
Day 10	Classical Supervised Tasks with Deep Learning, Image Denoising, Semantic Segmentation, Object Detection etc
Day 11	LSTM Networks
Day 12	Generative Modeling with DL, Variational Autoencoder, Generative Adversarial Network Revisiting Gradient Descent, Momentum Optimizer, RMSProp,


PROGRAMME COORDINATOR


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



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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

Department of Computer Science and Engineering

Name of the Program: A TWO WEEK CERTIFICATE PROGRAMME ON DEEP LEARNING

List of Students Enrolled/Completed: 87

Year: IV-B.Tech

S.NO	ROLL NUMBERS	NAME OF THE STUDENT	SIGNATURE
1	18351A0501	S. AJAY BABU	S. Ajay babu
2	18351A0502	K. AMOOLYA	K. Amoolya
3	18351A0503	N.ANITHA	N. Anitha
4	18351A0504	V. ANJANEYULU	V. Anjaneyulu
5	18351A0505	B. ANUSHA	B. Anusha
6	18351A0506	D. ANUSHA	D. 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	G. SK MD Dadanoor
17	18351A0517	SK. DADAPEER	SK. Dadapeer
18	18351A0518	G. DAVID	G. David
19	18351A0519	K. DINESH BABU	K. Dinesh Babu
20	18351A0520	B. GIRISH KUMAR	B. Girish kumar
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 Prasanna
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 bandi Raju
44	18351A0545	K. NAGA SIREESHA	K. Naga sireesha
45	18351A0546	R. NAGAVENI	R. Naga veni
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. Peddasekhara
52	18351A0553	P. SAI PRIYANKA	P. Sai Priyanka
53	18351A0554	S. PRUDVIRAJ	S. Prudviraj
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. Ramanjaneulu
59	18351A0560	G. RAMBABU	G. Rambabu
60	18351A0561	T. RAVIKUMAR	T. Ravi Kumar
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 Supraja
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. Sivankarreddy
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. Somanth
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 Sai Pavan kumar
81	18351A0582	CH. V SIVA NAGA JYOTHI	Ch. V Siva naga 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


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Programme Report

Name of the Programme : A TWO WEEK CERTIFICATE PROGRAMME ON DEEP LEARNING
Schedule of programme : 30-08-2021 to 11 -09-2021
Venue : JKC Lab
Organized by : Department of CSE
Resource Person details : Dr. PPSNAIK, Professor, SGIT, Markapur.
Number of Students attended: 87

Dr. Samuel George Institute of Engineering And Technology organized "A TWO WEEK CERTIFICATE PROGRAMME ON DEEP LEARNING" for IV Year B.Tech students by the resource person Dr. P.P.S. NAIK from 30-08-2021 to 11-09-2021. 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.


Programme Objectives:

- Comfortable with tools and techniques required in handling large amounts of datasets.
- They will also uncover various deep learning methods in NLP, Neural Networks etc.
- Several libraries and datasets publicly available will be used to illustrate the application of these algorithms.
- This will help students in developing skills required to gain experience of doing independent research and study..

Programme Outcomes:

- To develop semantic-based and context-aware systems to acquire,
- Identify the deep learning algorithms which are more appropriate for various types of learning tasks in various domains.
- Implement deep learning algorithms and solve real-world problems.


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