

**1.2.1(1)**  
**ADD ON PROGRAMS**  
**DURING A.Y:2022-2023**



**SRI VENKATESWARA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**

**ISO 9001:2015 Certified**

**(Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram)**

**Office: +9109705576693, email:principal\_svcet@yahoo.com**

**Website: [www.svcet.net](http://www.svcet.net)**



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**List of Add-on Programs/Certificate Programs**

**Academic Year: 2022-23**

S.No	Name of the Program	Duration/Date	Number of Participants
1	A Two week certificate Program on "MACHINE LEARNING WITH PYTHON"	06.02.2023 To 17.02.2023	94
2	A Two week certificate Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"	12.09.2022 To 23.09.2022	110
3	A Two week certificate Program on "PYTHON FUNDAMENTALS "	03.04.2023 to 15.04.2023	64
4	A Two week certificate Program on "PRESENT SCENARIO OF POWER SYSTEMS AND BASIC PROGRAMMING WITH MATLAB "	12.09.2022 to 23.09.2022	29
5	A Two week certificate Program on "DRONE TECHNOLOGY "	06.02.2023 to 17.02.2023	46
6	A Two week certificate Program on "ELECTRIC CARS "	04.07.2022 to 15.07.2022	57
7	A Two week certificate Program on "FPGA BASED IMAGE RECOGNITION USING MATLAB "	20/02/2023 to 03/03/2023	27
8	A Two week certificate Program on "RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB"	18/07/2022 to 29/07/2022	27
9	A Two week certificate Program on "INFRASTRUCTURE DEVELOPMENT IN CIVIL ENGINEERING "	10.04.2023 to 21.04.2023	90
10	A Two week certificate Program on "IS CODE PRACTICES FOR STRUCTURAL ENGINEERING"	05.09.2022 to 16.09.2022	37
11	A Two week certificate Program on "INTELLECTUAL PROPERTY RIGHTS "	15-05-2023 to 26-05-2023	110
12	A Two week certificate Program on "VIRTUAL HR "	11-07-2022 to 22-07-2022	67

  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)







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A Two week Certificate Program on  
**MACHINE LEARNING WITH PYTHON**

**06.02.2023 to 17.02.2023**

**Program Schedule**

Academic Year:2022-23

Date: 27-01-2023

S.No	Date	Topics to be Covered	Name of The Resource Person
1	06-02-2023	Inauguration at 10am. Artificial Intelligence	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali
2	07-02-2023	Machine learning and its types	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali
3	08-02-2023	Supervised Algorithms- Classification, Linear regression with Hands on Session	Dr. CH. Ramesh M.Tech.,Ph.D. AITAM, Tekkali
4	09-02-2023	Supervised Algorithm- ANN with Hands on Session	Dr. CH. Ramesh M.Tech.,Ph.D. AITAM, Tekkali
5	10-02-2023	Python with Hands on Session	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali
6	13-02-2023	Unsupervised Algorithms with Hands on Session	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali
7	14-02-2023	Deep learning, CNN with Hands on Session	Dr. CH. Ramesh M.Tech.,Ph.D. AITAM, Tekkali
8	15-02-2023	Deep learning algorithms- LSTM, RNN with Hands on Session	Dr. CH. Ramesh M.Tech.,Ph.D. AITAM, Tekkali
9	16-02-2023	NLP and its challenges with Hands on Session	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali
10	17-02-2023	Research problems in AI/ML, Online quiz and feedback	Dr. M. Jayanthi Rao M.Tech.,Ph.D. AITAM- Tekkali

  
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## ABOUT THE PROGRAM

This Program explores the intersection of machine learning. Participants will delve into the latest advancements in ML technologies, examining their potential to revolutionize data driven insights and decision-making process. Through a combination of theoretical discussions, practical demonstrations, and hands-on exercises, attendees will gain a comprehensive understanding of how AI technology.

### **Objective :**

Appreciate the breadth & depth of ML applications and use cases in real-world scenarios. Import and wrangle data using Python libraries and divide them into training and test datasets. Data preprocessing techniques, univariate and Multivariate analysis, Missing values and outlier treatment etc

### **Outcome:**

Python has a crucial role in machine learning because Python provides libraries like NumPy, Pandas, Scikit-learn, TensorFlow, and Keras. These libraries offer tools and functions essential for data manipulation, analysis, and building machine learning models. It is well-known for its readability and offers platform independence. These all things make it the perfect language of choice for Machine Learning.

### CHIEF PATRON

Dr.B.SriRamaMurthy  
Correspondent

### PATRON

Dr.S.C.V.RamanaMurthy Naidu  
Principal,SVCET

### COORDINATOR

M.LAXMANA RAO  
Assistant Professor  
Dept. of CSE  
Cell:+91-9441853589

Email:[laxmanaraomaredla@gmail.com](mailto:laxmanaraomaredla@gmail.com)

## A Two Week Certificate Program on **“Machine Learning with Python”**

**06.02.2023 to 17.02.2023**



Organized by

**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING**


**SRI VENKATESWARA COLLEGE  
OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE-New Delhi & Affiliated to  
JNTUG -Vizianagaram)

Etcherla, Srikakulam, Andhra Pradesh-532410

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Sri Venkateswara College of Engineering & Technology  
Etcherla, Srikakulam-532410, A.P.



**ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society- the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

**ABOUT THE CSE DEPARTMENT:**

The Department of Computer Science and Engineering was established in 2008. The department offers four-year B.Tech Programs in CSE, CSE-CSM and two-year M.Tech programs. It has a rich tradition and well-qualified faculty, along with widely recognized laboratories. The department aims to provide a strong foundation in Computer Science and Engineering fundamentals, emphasizing mathematical and scientific principles. Additionally, the course focuses on developing skills in the application of design processes for innovative engineering solutions. The annual intake of students in CSE, CSE-CSM is 150.

**DEPARTMENT VISION:**

Emerge as a centre of Pre-eminence in Computer Science and Engineering Education, Research and Services.

**DEPARTMENT MISSION:**

- To produce graduates with scientific and technical knowledge and excellent Computer Science and Engineering skills for professional practice, employment, advanced study and research.
- To introduce professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable graduates

**HEAD OF THE DEPARTMENTS:**

S.BHASKARA RAO  
Assoc.Prof, Head  
Dept. of CSE  
Cell:801919450  
Email:[csehod.svcet@gmail.com](mailto:csehod.svcet@gmail.com)

**ORGANIZING COMMITTEE:**

K.Hemalatha, Asst.Prof.  
G.Sudheer Kumar, Asst.Prof.  
B.DivyaJyothi, Asst.Prof.  
K.Sravanthi, Asst.Prof.  
P.Sateesh, Asst.Prof.  
H.Srinivas, Asst.Prof.

**Resource Persons:**

Dr. CH.Ramesh., M.Tech.,Ph.D  
Professor, Dept.of CSE  
AITAM- Tekkali.

Dr. M.JayanthiRao., M.Tech.,Ph.D.  
Associate Professor, Dept. of CSE  
AITAM, Tekkali.

**REGISTRATION FORM****A Two Week Certificate Program on****“Machine Learning with Python”****06.02.2023 to 17.02.2023**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year &amp; Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_

  
**PRINCIPAL**  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532301 (AP)



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Office : +91 9705576693 . email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: **A Two week certificate Program on "MACHINE LEARNING WITH PYTHON"**

Academic Year : 2022-23

Date:06.02.2023

Department: CSE

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	21MT1A0501	ADANGI GEETHASRI	II-I	A. Geethasri
2	21MT1A0502	ALLU RAMADEVI	II-I	A. Ramadevi
3	21MT1A0503	ARAVALA VISHNU VARDHAN	II-I	A. Vishnuvardhan
4	21MT1A0504	BADITHAMANU CHINNAMMADU	II-I	B. chinnammadu
5	21MT1A0505	BARRI SUNITHA	II-I	B. Sunitha
6	21MT1A0507	BILLINGI NARESH	II-I	B. N. Nareesh
7	21MT1A0508	BOMMANA RENUKA	II-I	B. yaswantha B. Renuka
8	21MT1A0509	BORA YASWANTH	II-I	B. Yaswanth
9	21MT1A0510	BOTCHA SAILAJA	II-I	B. Sailaja
10	21MT1A0511	BOTTA MOUNIKA	II-I	B. Mounika
11	21MT1A0512	BUDUMURU RAJA KISHORE	II-I	R. Raja kishore
12	21MT1A0513	CHEPENA DURGAPRASAD	II-I	Ch. Durgaprasad
13	21MT1A0514	CHINTA RAJESH	II-I	Ch. Rajesh
14	21MT1A0515	CHOWDARI VIJAY	II-I	Ch. Vijay
15	21MT1A0516	DHULI SHREYA	II-I	D. Shreya
16	21MT1A0517	ENUKOTI LAKSHMI NARAYANA	II-I	E. lakshmi Nar
17	21MT1A0518	GEDELA TAJESWARARAO	II-I	G. Tejuswara Rao
18	21MT1A0519	GORLE SAHITHI	II-I	G. sahithi
19	21MT1A0520	GULLA MANOJ	II-I	G. Manoj
20	21MT1A0522	JAMI PRAVALIKA	II-I	J. Pravalika
21	21MT1A0523	KALYAMPUDI MADHURI	II-I	K. Madhuri
22	21MT1A0524	KAMMAKATTU TARAKESWARA REDDY	II-I	K. Tharakeswarareddy
23	21MT1A0525	KANUGULA SUNIL KUMAR	II-I	K. Sunil Kumar
24	21MT1A0526	KARRI AKSHAYA	II-I	K. Akshaya
25	21MT1A0527	KILLARI CHANDU	II-I	K. Chandu
26	21MT1A0528	KONGARAPU BHAVANI PRASAD	II-I	K. Bhavani Prasad
27	21MT1A0529	KUPPILI SYAMALA	II-I	K. syamala
28	21MT1A0530	MANDA RAJINI	II-I	M. Rajini
29	21MT1A0531	MANDAVAKURITI SAI BHARGAV	II-I	M. Sai bhargav
30	21MT1A0532	MENDA SRIDHAR	II-I	M. Sridhar
31	21MT1A0533	MUDDADA ADITYA	II-I	M. Aditya
32	21MT1A0534	MUNJETI DHANALAKSHMI	II-I	M. Dhana lakshmi
33	21MT1A0535	MURAPAKALA HARSHITA	II-I	M. Harshitha
34	21MT1A0536	NARAM GNANA SAI	II-I	N. Gnana Sai
35	21MT1A0537	NARAMNADU DEDEEPIYA	II-I	N. Dedeepya
36	21MT1A0538	NARAMNADU SUSMITHA	II-I	N. Susmitha



37	21MT1A0539	PATNANA SAI	II-I	P. Sai
38	21MT1A0540	POGIRI HEMANTH KUMAR	II-I	P. Hemanth Kumar
39	21MT1A0541	RAVADA MANIKANTA	II-I	R. manikanta
40	21MT1A0542	RAVI DEEPIKA	II-I	R. Deepika
41	21MT1A0543	SANAPALA RAJANI	II-I	S. Rajani
42	21MT1A0544	SEERA BENJIMANN ENOCH	II-I	S. Benjimanu Enoch
43	21MT1A0545	SHARMA RAHUL	II-I	S. Rahul
44	21MT1A0546	SONTYANA DHANALAXMI	II-I	S. Dhanalaxmi
45	21MT1A0547	TANDRA GANESH	II-I	T. Ganesh
46	21MT1A0549	TARINI HARIKRISHNA	II-I	T. Harikrishna
47	21MT1A0551	TELUKALA PRAVEEN	II-I	T. Praveen
48	21MT1A0552	THONDRAPU BHAVANI	II-I	T. Bhavani
49	21MT1A0553	FULAGAPU CHANDINI	II-I	T. Chandini
50	21MT1A0554	TUNGANA LAVANYA	II-I	T. Lavanya
51	21MT1A0555	V.DEEPIKA	II-I	V. Deepika
52	21MT1A0556	Y PAWAN KALYAN	II-I	Y. Pawan Kalyan
53	21MT1A0557	YANDA SIVAJI	II-I	Y. Sivaji
54	21MT1A0561	NIKITA KUMARI	II-I	Nikita Kumari
55	22MT5A0501	DASARI JAIDEEP	II-I	D. Jaideep
56	22MT5A0504	KADIYAM BHANU SANKER	II-I	K. Bhanu Sanker
57	22MT5A0508	TARIGOPPALA ARAVINDH	II-I	T. Aravindh
58	21MT1A6101	AMBALLA SAI	II-I	AMBALLA Sai
59	21MT1A6102	ANDHAVARAPU JAHNAVI	II-I	Andhavarapu Jahnavi
60	21MT1A6103	B NARESH	II-I	B. Naresh
61	21MT1A6105	BAMMIDI GOVINDA RAO	II-I	B. Govinda rao
62	21MT1A6106	BOORADA INDUMATHI	II-I	B. Indumathi
63	21MT1A6107	BOTCHA.TARUN	II-I	B. TARUN
64	21MT1A6110	CHINTADA USHA	II-I	C. Usha
65	21MT1A6112	DANTA SWETHA	II-I	D. Swatha
66	21MT1A6113	GAVIDI KEERTHIKA	II-I	G. Keerthika
67	21MT1A6114	GUDISA GAYATHRI	II-I	G. Gayathri
68	21MT1A6115	GUDLA VAISHNAVI	II-I	G. Vaishnavi
69	21MT1A6116	IJJU BHAVANI	II-I	I. Bhavani
70	21MT1A6117	JADYADA DEEKSHA	II-I	J. Deeksha
71	21MT1A6118	KALLA LAVANYA	II-I	K. Lavanya
72	21MT1A6119	KALLURI HRUDAY	II-I	K. Hruday
73	21MT1A6120	KARANAM MANOJ	II-I	K. Manoj
74	21MT1A6121	KAYALA SRILAXMI	II-I	K. SriLaxmi
75	21MT1A6123	KONNI PAVITRA	II-I	K. Pavitra
76	21MT1A6124	KORADA MOUNIKA	II-I	K. Mounika
77	21MT1A6125	KORIKANA NAVEEN	II-I	K. Naveen
78	21MT1A6127	KOSTU THANUJA	II-I	K. THANUJA
79	21MT1A6128	KUNA SIRISHA	II-I	K. Sirisha
80	21MT1A6130	LINGUROTHU TANUJA	II-I	L. Tanuja
81	21MT1A6131	MALIREDDI SAI KUMAR	II-I	M. Saikumar
82	21MT1A6132	MOLLI REVANTH	II-I	M. Revanth
83	21MT1A6133	MUDDADA HYMAVATHI	II-I	M. Hymavathi
84	21MT1A6134	NASA SARADHA	II-I	N. Saradha
85	21MT1A6135	PEDADA USHA SREE	II-I	P. Usha Sree
86	21MT1A6137	POTNURU SONIYA	II-I	P. Soniya



87	21MT1A6138	PUKKALLA SAI KUMAR	II-I	P. Saikumar
88	21MT1A6139	RAGHUPATRUNI KRANTHI KIRAN	II-I	R. Kranti
89	21MT1A6140	RAVADA VASANTHAM	II-I	P. Vasantham
90	21MT1A6142	SURU GOWTHAM SAI	II-I	S. Gowtham Sai
91	21MT1A6144	YAJJALA SUJATHA	II-I	Y. Sujatha
92	22MT5A6101	K SAIGANASH	II-I	K. Saiganesh
93	22MT5A6103	S BALA KRISHNA	II-I	S. Bala Krishna
94	22MT5A6104	M NANI	II-I	M. Nani

*M. Laxma Rao*  
CO-ORDINATOR

*Im*  
IQAC CO-ORDINATOR

*4*  
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ETCHERLA, Srikakulam-532410 (A.P)











77	21MT1A6125	KORIKANA NAVEEN	A	P	P	P	P	P	P	P	P	P
78	21MT1A6127	KOSTU THANUJA	P	P	P	P	P	P	P	P	P	P
79	21MT1A6128	KUNA SIRISHA	P	P	P	P	P	P	P	P	P	P
80	21MT1A6130	LINGUROTHU TANUJA	P	P	P	P	P	P	P	P	P	P
81	21MT1A6131	MALIREDDI SAI KUMAR	P	P	P	P	P	P	P	P	P	P
82	21MT1A6132	MOLLI REVANTH	P	P	P	P	A	P	P	P	P	P
83	21MT1A6133	MUDDADA HYMAVATHI	P	P	P	P	P	P	P	P	P	P
84	21MT1A6134	NASA SARADHA	P	P	P	P	P	P	P	P	P	P
85	21MT1A6135	PEDADA USHA SREE	P	P	P	P	P	P	P	P	P	P
86	21MT1A6137	POTNURU SONIYA	P	P	P	P	P	P	P	P	P	P
87	21MT1A6138	PUKKALLA SAI KUMAR	P	P	P	P	P	P	P	P	P	P
88	21MT1A6139	RAGHUPATRUNI KRANTHI KIRAN	P	P	P	P	P	P	P	P	P	P
89	21MT1A6140	RAVADA VASANTHAM	P	P	P	P	P	P	P	P	P	P
90	21MT1A6142	SURU GOWTHAM SAI	P	P	P	P	P	P	P	P	P	P
91	21MT1A6144	YAJJALA SUJATHA	P	P	P	P	P	P	P	P	P	P
92	22MT5A6101	K SAIGANASH	P	P	P	P	P	P	P	P	P	P
93	22MT5A6103	S BALA KRISHNA	P	P	P	P	P	P	P	P	P	P
94	22MT5A6104	M NANI	P	P	P	P	P	P	A	P	P	P

*M. Lakshmi*  
CO-ORDINATOR

*Soma*  
IQAC CO-ORDINATOR

*S*  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date:19.02.2023

**PROGRAM REPORT**

NAME OF THE PROGRAM: A Two week certificate Program on “MACHINE LEARNING  
WITH PYTHON”

DATE : 06.02.2023 to 17.02.2023

RESOURCE PERSON : 1. Dr. CH. Ramesh  
M.Tech.,Ph.D  
Professor, Dept.of CSE  
AITAM, Tekklai.

2. Dr. M.JayanthiRao  
M.Tech.,Ph.D  
Associate Professor  
Department of CSE  
AITAM- Tekkali

NAME OF THE CO-ORDINATOR: M. LAXMANA RAO  
M.Tech  
Assistant Professor  
Dept. of CSE  
Cell: 9441853589  
Email: [laxmanaraomaredla@gmail.com](mailto:laxmanaraomaredla@gmail.com)

NUMBER OF THE STUDENTS ATTENDED: 94

VENUE: BLOCK – C : SEMINAR HALL & COMPUTER LAB – 3





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

The Department of Computer Science and Engineering organized a Two Week certificate program on "Machine Learning with Python" for II Year B.Tech CSE and AIML Students.

**Machine learning (ML)** is a field of study in artificial intelligence concerned with the development and study of statistical algorithms that can learn from data and generalize to unseen data, and thus perform tasks without explicit instructions. Recently, artificial neural networks have been able to surpass many previous approaches in performance. **Python** is dynamically typed and garbage-collected. It supports multiple programming paradigms, including structured (particularly procedural), object-oriented and functional programming. It is often described as a "batteries included" language due to its comprehensive standard library

Totally 94 students participated in this training program and after the completion of the program the students able to understand the following objectives and learning outcomes.

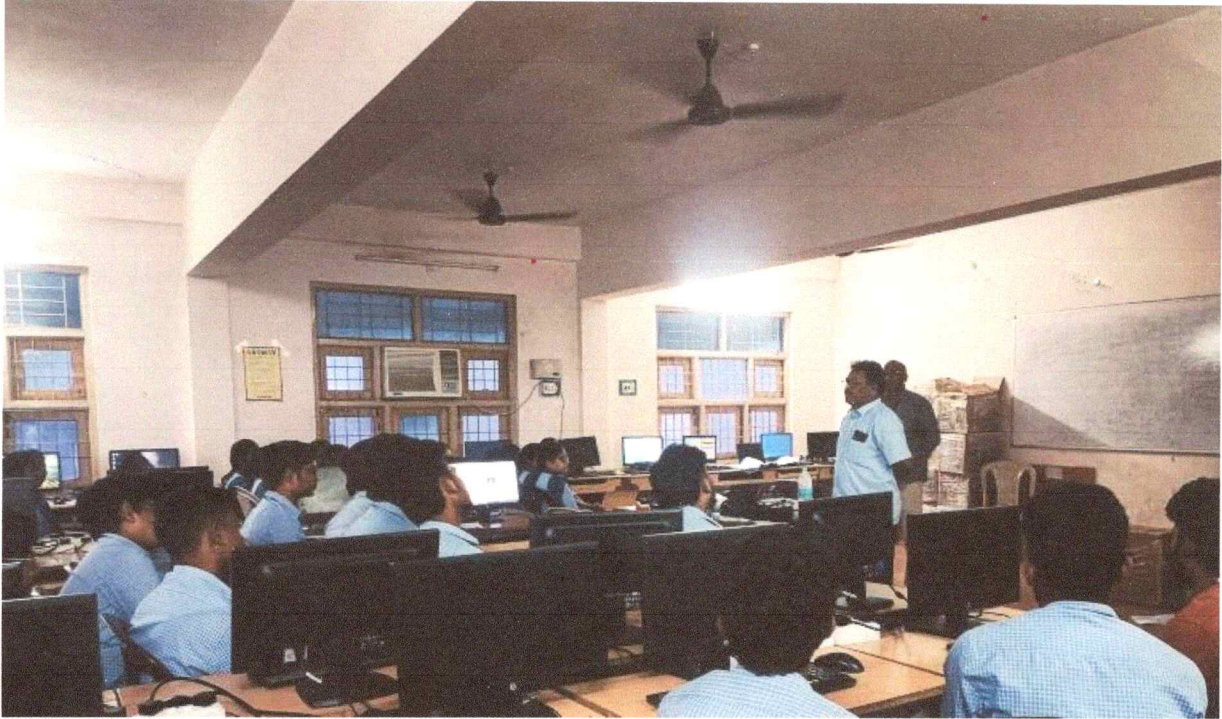
**Objective:** The student will be able to

This Program can appreciate the breadth & depth of ML applications and use cases in real-world scenarios. Import and wrangle data using Python libraries and divide them into training and test datasets. Data preprocessing techniques, univariate and Multivariate analysis, Missing values and outlier treatment.

**Outcomes:** At the end of the course, student will be able to

Python has a crucial role in machine learning because Python provides libraries like NumPy, Pandas, Scikit-learn, Tensor Flow, and Keras. These libraries offer tools and functions essential for data manipulation, analysis, and building machine learning models. It is well-known for its readability and offers platform independence. These all things make it the perfect language of choice for Machine Learning.

**Resource Person:**



This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource person and participants for making the program successful.

  
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HOD

  
PRINCIPAL  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikulam-532410 (A.P.)





# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that Mr. /Ms A. GEETHASRI (21MT1A0501)  
from II - I Sem has participated in A Two week certificate  
Program on "MACHINE LEARNING USING PYTHON" organized by Department of Computer  
Science and Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam  
during 06-17, February-2023.

Sri. S. Bhaskara Rao  
HOD, CSE

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

Dr. S. C. V. Ramana Murthy Naidu  
Principal





# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that Mr. /Ms B. Rajakishore

from II - I Sem has participated in A Two week certificate Program on "MACHINE LEARNING USING PYTHON" organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 06-17, February-2023.

Sri. S. Bhaskara Rao  
HOD, CSE

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

Dr. S. C. V. Ramana Murthy Naidu  
Principal





# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

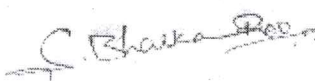
(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)


ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA


### PARTICIPATION CERTIFICATE

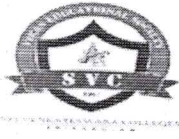
This is to certify that Mr. /Ms CH. VIJAY

from D-I Sem has participated in A Two week certificate Program on "MACHINE LEARNING USING PYTHON" organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 06-17, February-2023.

  
Sri. S. Bhaskara Rao  
HOD, CSE

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

  
Dr. S. C. V. Ramana Murthy Naidu  
Principal



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Office : +91 9705576693 . email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 01.09.2022

**CIRCULAR**

It is hereby informed to all the III & IV B.Tech CSE and M.Tech (CSE) students that the Department of CSE is conducting **A Two week certificate Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"** from 12.09.2022 to 23.09.2022. The students shall register their names with coordinator on or before 09.09.2022.

**Coordinator:** Mr. S.BHASKARA RAO  
Associate Professor & Head,  
Dept. of CSE.  
Contact No.: 8019194530  
E\_Mail: bhaskar.sanapala@gmail.com

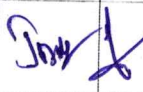











  
**COORDINATOR**

  
**HOD**

  
**PRINCIPAL**

Copy submitted to: Honorable Management for favor of Information

Sri Venkateswara College of Engineering & Technology  
EYCHERLA, Srikakulam-532410 (A.P.)

Department	IQAC	CE	EEE	ME	ECE	CSE	AI&ML	BS&H	MBA	Office	NB	FILE
Signature												





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A Two week Certificate Program on  
**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

**12.09.2022 - 23.09.2022**

**Program Schedule**

Academic Year:2022-23

S.No	Date	Topics to be Covered	Name of The Resource Person
1	12-09-2022	Artificial Intelligence & Machine Learning-Introduction with Hands-on Session	Dr. Allam Jaya Prakash M.Tech.,Ph.D.(NIT-Rorkela) VIT Vellore
2	13-09-2022	Supervise Learning Algorithm (Decision tree, Random forest etc.) with Hands-on Session	Dr. Allam Jaya Prakash M.Tech.,Ph.D.(NIT-Rorkela) VIT Vellore
3	14-09-2022	Python/MatLab (scripts, function, tools developments) with Hands-on Session	Dr. A.Venkataramana M.Tech.,Ph.D. GMRIT, Rajam
4	15-09-2022	Classification study with ANN with Hands-on Session	Dr. A.Venkataramana M.Tech.,Ph.D. GMRIT, Rajam
5	16-09-2022	Introduction to Deep learning based Model CNN with Hands-on Session	Dr. Allam Jaya Prakash M.Tech.,Ph.D.(NIT-Rorkela) VIT Vellore
6	19-09-2022	Deep learning algorithms- CNN, LSTM, RNN with Hands-on Session	Dr. Allam Jaya Prakash M.Tech.,Ph.D.(NIT-Rorkela) VIT Vellore
7	20-09-2022	Implementation of CNN on MINST, Human Activity & CIFAR-10 dataset using tensor flow & keras in python /googlecolab with Hands-on Session	Dr. A.Venkataramana M.Tech.,Ph.D. GMRIT, Rajam
8	21-09-2022	Unsupervised clustering Algorithms (Hierarchical , K-means & K-NN) with Hands-on Session	Dr. A.Venkataramana M.Tech.,Ph.D. GMRIT, Rajam
9	22-09-2022	Artificial Intelligence Towards Human Decision Making with Hands-on Session	Dr. A.Venkataramana M.Tech.,Ph.D. GMRIT, Rajam
10	23-09-2022	Implementation of Genetic Algorithm with Feedback form	Dr. Allam Jaya Prakash M.Tech.,Ph.D.(NIT-Rorkela) VIT Vellore

  
COORDINATOR

  
IQAC COORDINATOR

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

## ABOUT THE PROGRAM

This Program explores the intersection of artificial intelligence and machine learning. Participants will delve into the latest advancements in AI technologies, examining their potential to revolutionize data driven insights and decision-making process. Through a combination of theoretical discussions, practical demonstrations, and hands-on exercises, attendees will gain a comprehensive understanding of how AI technology.

### **Objective :**

Artificial Intelligence by reverse engineering human abilities and traits. Artificial intelligence is a technology that enables computers to function independently but intelligently by reading human behavior. It is designed to create intelligent machines.

### **Outcome:**

Design user interfaces to improve human–AI interaction and real-time decision-making. Evaluate the advantages, disadvantages, challenges, and ramifications of human–AI augmentation. Design and develop symbiotic human–AI systems that balance the information processing power of computational systems with human intelligence and decision making. Explain the benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions, including those supported by chat bots, smart speakers, and other AI-driven, voice-based technologies.

## CHIEF PATRON

Dr.B.SriramaMurthy  
Secretary, VES

## PATRON

Dr.S.C.V.RamanaMurty Naidu  
Principal, SVCET

## COORDINATOR

S.BHASKARA RAO  
Assoc.Prof, Head  
Dept. of CSE  
Cell:8019194530  
Email: bhaskar.sanapala@gmail.com

## A Two Week Certificate Program on

## **“ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING”**

**12.09.2022 to 23.09.2022**



Organized by:

**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING**

**SRI VENKATESWARA COLLEGE  
OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE-New Delhi &  
Affiliated to JNTUG-Vizianagaram)  
Etcherla, Srikakulam, Andhra Pradesh-532410

Phone:+91-9494011444

**www.svcet.info**

*Sri Venkateswara College of Engineering & Technology*  
ETCHERLA, Srikakulam-532410 (A.P.)



**ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society- the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

**ABOUT THE CSE DEPARTMENT:**

The Department of Computer Science and Engineering was established in 2008. The department offers four-year B.Tech Programs in CSE, CSE-CSM and two-year M.Tech programs. It has a rich tradition and well-qualified faculty, along with widely recognized laboratories. The department aims to provide a strong foundation in Computer Science and Engineering fundamentals, emphasizing mathematical and scientific principles. Additionally, the course focuses on developing skills in the application of design processes for innovative engineering solutions. The annual intake of students in CSE, CSE-CSM is 150.

**DEPARTMENT VISION:**

Emerge as a centre of Pre-eminence in Computer Science and Engineering Education, Research and Services.

**DEPARTMENT MISSION:**

- To produce graduates with scientific and technical knowledge and excellent Computer Science and Engineering skills for professional practice, employment, advanced study and research.
- To introduce professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable graduates

**HEAD OF THE DEPARTMENT:**

S.BHASKARA RAO  
Assoc.Prof, Head  
Dept. of CSE  
Cell:801919450  
Email:[csehod.svcet@gmail.com](mailto:csehod.svcet@gmail.com)

**ORGANIZING COMMITTEE:**

K.Hemalatha, Asst.Prof.  
G.Sudheer Kumar, Asst.Prof.  
B.DivyaJyothi, Asst.Prof.  
K.Sravanthi, Asst.Prof.  
P.Sateesh, Asst.Prof.  
H.Srinivas, Asst.Prof.

**Resource Persons:**

Dr. A. VenkataRamana, M.Tech.,Ph.D  
Professor & Head  
Dept. of CSE,  
GMR Institute of Technology  
Rajam (A.P)

Dr. AllamJaya Prakash, M.Tech.,Ph.D  
Assistant Professor,  
Dept.of CSE  
VIT-Vellore (TN)

**REGISTRATION FORM****A Two Week Certificate Program on****“ARTIFICIAL INTELLIGENCE AND  
MACHINE LEARNING”****12.09.2022 To 23.09.2022**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year &amp; Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_



**SRI VENKATESWARA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**

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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: **A Two week certificate Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LARNING"**

Academic Year: 2022-23

Date: 12.09.2022

Department: CSE

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0501	ABOTHULA SAI THUNAJA	IV-I	A. Sai
2	19MT1A0502	ADAPAKA PURNIMA	IV-I	A. Purnima
3	19MT1A0503	BADE CHINNI	IV-I	B. Chinni
4	19MT1A0504	CHINNALA SAIKUMARI	IV-I	CH. SAIKUMARI
5	19MT1A0505	CHINTADA SHARMILA	IV-I	CH. mounika'sharmila
6	19MT1A0506	CHINTALA MOUNIKA	IV-I	ch. mounika
7	19MT1A0507	CHODIPILLI ROHIT	IV-I	ch. Rohit
8	19MT1A0508	DHAVALA KAVYA	IV-I	D. Kavya
9	19MT1A0509	DHAVALA SAI SIREESHA	IV-I	D. Sai Sireesha
10	19MT1A0510	DUPPATLA NIKHIL	IV-I	D. Nikhil
11	19MT1A0511	GAINEDI MONIKA PRIYA	IV-I	G. MonikaPriya
12	19MT1A0512	GANDETI ASWINI	IV-I	G. Aswini
13	19MT1A0513	GEDELA RAJA SEKHAR	IV-I	G. Raja Sekhar
14	19MT1A0514	GIRADA SRAVANI	IV-I	G. Sravani
15	19MT1A0515	GORUSU PAVAN	IV-I	G. Pavan
16	19MT1A0516	KADA PUJA	IV-I	K. Puja
17	19MT1A0517	KALAGA MOUNIKA	IV-I	K. mounika
18	19MT1A0518	KALAMATA GOWRI	IV-I	K. Gowri
19	19MT1A0519	KANCHARANA YAMINI	IV-I	K. Yamini
20	19MT1A0520	KANITHI BHARGAVI	IV-I	K. Bhargavi
21	19MT1A0521	KARANAM SIREESHA	IV-I	K. Sireesha
22	19MT1A0522	KOKKIRI ANUSHA	IV-I	K. Anusha
23	19MT1A0523	KOLLI SRUTHI	IV-I	K. Sruthi
24	19MT1A0524	KONDA SAI SAMPATH KUMAR	IV-I	Sampath Kumar
25	19MT1A0525	KONNI LIKHITHA	IV-I	K. Likhitha
26	19MT1A0528	KURMAPU PRAMEELA	IV-I	K. prameela
27	19MT1A0529	LANDA SRAVANI	IV-I	L. Sravani
28	19MT1A0530	MEESALA SAI SWETHA	IV-I	Sai Swetha
29	19MT1A0531	MENDA CHANDINI	IV-I	M. chandini
30	19MT1A0532	MUKKALA UDAY SHANKAR	IV-I	udayshankar
31	19MT1A0533	MYLAPALLI ABHISHAIK VICTOR	IV-I	m.abhishek.victor
32	19MT1A0534	NALLA JHANSI	IV-I	N. Jhansi
33	19MT1A0535	NUKA SANTOSH KUMAR	IV-I	N. Santhosh kumar
34	19MT1A0536	PALAVALASA SWAPNA RANI	IV-I	P. swapna Rani
35	19MT1A0537	PALLI VINAY	IV-I	P. Vinay
36	19MT1A0538	PANTALA ANITHA	IV-I	P. Anitha
37	19MT1A0539	PENUGUDURU VASUDEVA RAO	IV-I	P. Vasudeva Rao
38	19MT1A0540	POTHALA NAVYA SRI	IV-I	Navya Sri



39	19MT1A0541	POTNURU DEEPIKA	IV-I	P. Deepika
40	19MT1A0544	SANJANA MADABATTULA	IV-I	S. Madabattula
41	19MT1A0545	SANKILI SUVARNA	IV-I	S. Suvarna
42	19MT1A0546	SUNKARI KAVYA	IV-I	S. Kavya
43	19MT1A0548	TARLADA PAVAN	IV-I	T. Pavan
44	19MT1A0549	UPPADA LAKSHMI	IV-I	U. Lakshmi
45	19MT1A0551	URLAPU SIREESHA	IV-I	U. Sireesha
46	19MT1A0552	VADDI SREELEKHA	IV-I	V. Sreelekha
47	19MT1A0553	VAVILAPALLI GAYATHRI	IV-I	V. Gayathri
48	19MT1A0554	YANDA SAROJINI	IV-I	Y. Sarojini
49	19MT1A0555	YEGIREDDI PHANI KUMAR	IV-I	Y. Phani Kumar
50	19MT1A0556	ABHISHEK KUMAR JHA	IV-I	Abhishek Kumar Jha
51	19MT1A0562	ROSHAN KUMAR	IV-I	Roshan Kumar
52	20MT5A0501	GOLIVI ROHITH	IV-I	G. Rohith
53	20MT1A0501	BAMMIDI AISHWARYA	III-I	B. Aishwarya
54	20MT1A0502	BATCHALA PRIYANKA	III-I	B. Priyanka
55	20MT1A0503	MD SHAHBAZ ALAM	III-I	MD. Shahbaz Alam
56	20MT1A0504	CHALLA KAMESH	III-I	Ch. Kamesh
57	20MT1A0505	CHEEKATINTI JHANSI	III-I	Ch. Jhansi
58	20MT1A0506	DALLI GAYATHRI	III-I	D. Gayathri
59	20MT1A0507	GANTA JAHNAVI	III-I	G. Jahnavi
60	20MT1A0508	GEDDAPU LAVANYA	III-I	G. Lavanya
61	20MT1A0509	DHONI LAVANYA	III-I	D. Lavanya
62	20MT1A0510	ABHISHEK SINGH	III-I	ABHISEK SINGH
63	20MT1A0511	GOTIVADA SONIYA	III-I	G. SONIYA
64	20MT1A0512	GUDIVADA DHANALAKSHMI	III-I	G. dhanalakshmi
65	20MT1A0513	GULIPALLI SAI	III-I	G. Sai
66	20MT1A0514	JEERI ANJALI	III-I	J. Anjali
67	20MT1A0516	KANCHARAPU HARIKA	III-I	K. Harika
68	20MT1A0517	KILLARI BHAVANA	III-I	K. bhavana
69	20MT1A0520	KOTTISA SAI LAHARI	III-I	K. SAILAHARI
70	20MT1A0521	KOTTURTHY VARUN KUMAR	III-I	K. varun kumar
71	20MT1A0522	KUDDANA ASHA	III-I	K. Asha
72	20MT1A0523	LUKALAPU BHUVANA	III-I	L. Bhuvana
73	20MT1A0524	MALLEDI MADHAVI	III-I	M. madhavi
74	20MT1A0525	MAMIDI RAMYA	III-I	M. Ramya
75	20MT1A0526	MANNENA SIREESHA	III-I	M. Sireesha
76	20MT1A0527	MD YASMIN BEGAM	III-I	MD. Yasmin Begam
77	20MT1A0528	MOLLI SAIKUMAR	III-I	M. Saikumar
78	20MT1A0529	PADMANABHAM ASHOK	III-I	P. ASHOK
79	20MT1A0530	PAILA DHARANIPRIYA	III-I	P. Dharanipriya
80	20MT1A0531	PALLI BHARGAVI	III-I	P. Bhargavi
81	20MT1A0532	PANGA KOMALI	III-I	P. Komalli
82	20MT1A0533	PAPPALA APPORVA	III-I	P Apporva
83	20MT1A0534	PEDDAKOTA JANANI	III-I	P Janani
84	20MT1A0537	PERISETTI HEMA KUMAR	III-I	P. hema kumar
85	20MT1A0539	POTNURU JHANSIRANI	III-I	P. Jhansirani
86	20MT1A0540	RUPPA SRI DIVAKAR	III-I	R. S. Divakar
87	20MT1A0541	S SURYA MOUNIKA	III-I	S. Mounika
88	20MT1A0542	SANAPALA MAHESH	III-I	S. Mahesh

89	20MT1A0543	SANAPATHI JHANSI RANI	III-I	SANAPATHI JHANSI RANI
90	20MT1A0544	SIMMA YUGANDHAR	III-I	S. Yugandhar
91	20MT1A0545	TARLA VIJAY KUMAR	III-I	T. Vijay Kumar
92	20MT1A0546	TIGUTI RAHUL RAJ	III-I	T. Rahul Raj
93	20MT1A0547	WOONNA CHANDINI	III-I	W. Chandini
94	20MT1A0548	ABHISHEK KUMAR SAINI	III-I	S. Abhishek Kumar
95	20MT1A0549	ABHISHEK KUMAR ROY	III-I	A. Kumar Roy
96	20MT1A0551	ANKIT KUMAR PANDEY	III-I	A. Kumar Pandey
97	20MT1A0553	DEEPAK KUMAR	III-I	Deepak Kumar
98	20MT1A0554	OM PRAKASH	III-I	Om Prakash
99	20MT1A0555	PRAKASH KUMAR	III-I	Prakash Kumar
100	20MT1A0556	RAHUL KUMAR	III-I	R. Kumar
101	20MT1A0558	SUBODH KUMAR PASWAN	III-I	S. Kumar Paswan
102	20MT1A0559	VIVEK KUMAR	III-I	Vivek Kumar
103	20MT1A0560	MD ANJAR	III-I	MD Anjar
104	20MT1A0561	CHHATISH KUMAR	III-I	C. Kumar
105	21MT5A0501	GANTALA MOHAN VAMSI	III-I	G. Mohan Vamsi
106	21MT5A0502	GURUGUBELLI MANIKANTA	III-I	G. Manikanta
107	21MT5A0503	KILARI YESWANTH SAIKIRAN	III-I	K. Yeswanth Sai
108	21MT5A0504	KONAPALA PAVAN KUMAR	III-I	K. Pavan Kumar
109	21MT5A0505	NALLANA VENKATESH	III-I	N. Venkatesh
110	22MTID5801	BATTA ANUPAMA	I-I	B. Anupama

*S. Bharat*  
Co-Ordinator

*Ima*  
IQAC Co-Ordinator

Principal  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)











86	20MT1A0540	RUPPA SRI DIVAKAR	P	A	D	D	P	A	A	P	P	P
87	20MT1A0541	S SURYA MOUNIKA	P	P	P	P	P	P	P	P	P	P
88	20MT1A0542	SANAPALA MAHESH	P	P	P	P	P	P	P	P	P	P
89	20MT1A0543	SANAPATHI JHANSI RANI	P	P	P	P	P	P	P	P	P	P
90	20MT1A0544	SIMMA YUGANDHAR	P	P	P	P	P	P	P	P	P	P
91	20MT1A0545	TARLA VIJAY KUMAR	P	P	P	P	P	P	P	P	P	P
92	20MT1A0546	TIGUTI RAHUL RAJ	P	P	P	P	P	P	P	P	P	P
93	20MT1A0547	WOONNA CHANDINI	P	P	P	P	P	P	P	P	P	P
94	20MT1A0548	ABHISHEK KUMAR SAINI	P	P	P	P	P	P	P	P	P	P
95	20MT1A0549	ABHISHEK KUMAR ROY	P	P	P	P	P	P	P	P	P	P
96	20MT1A0551	ANKIT KUMAR PANDEY	P	P	P	P	P	P	P	P	P	P
97	20MT1A0553	DEEPAK KUMAR	P	P	P	P	P	P	P	P	P	P
98	20MT1A0554	OM PRAKASH	P	P	P	P	P	P	P	P	P	P
99	20MT1A0555	PRAKASH KUMAR	P	P	P	P	P	P	P	P	P	P
100	20MT1A0556	RAHUL KUMAR	P	P	P	P	P	P	P	P	P	P
101	20MT1A0558	SUBODH KUMAR PASWAN	P	P	P	P	P	P	P	P	P	P
102	20MT1A0559	VIVEK KUMAR	P	P	P	P	P	P	P	P	P	P
103	20MT1A0560	MD ANJAR	P	P	P	P	P	P	P	P	P	P
104	20MT1A0561	CHHATISH KUMAR	P	P	P	P	P	P	P	P	P	P
105	21MT5A0501	GANTALA MOHAN VAMSI	P	P	P	P	P	P	P	P	P	P
106	21MT5A0502	GURUGUBELLI MANIKANTA	P	P	P	P	P	P	P	P	P	P
107	21MT5A0503	KILARI YESWANTH SAIKIRAN	P	P	P	P	P	P	P	P	P	P
108	21MT5A0504	KONAPALA PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P
109	21MT5A0505	NALLANA VENKATESH	P	P	P	P	P	P	P	P	P	P
110	22MTID5801	BATTA ANUPAMA	P	P	P	P	P	P	P	P	P	P

*S. Phani Reddy*  
CO-ORDINATOR

*Prasanna*  
IQAC CO-ORDINATOR

*[Signature]*  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 25.09.2022

**PROGRAM REPORT**

NAME OF THE PROGRAM: A Two week certificate Program on “ARTIFICIAL  
INTELLIGENCE AND MACHINE LEARNING”

DATES : 12.09.2022 to 23.09.2022

RESOURCE PERSONS: 1. Dr. A.VenkataRamana

M.Tech.,Ph.D

HOD, Dept. of CSE,  
GMRIT- Rajam.

2. Dr. Allam Jaya Prakash

M.Tech.,Ph.D.

Assistant Professor  
Department of CSE  
VIT-Vellore

NAME OF THE COORDINATOR: S.Bhaskara Rao

Associate Professor

CSE Dept

Cell:8019194530

Email: csehod.svcet@gmail.com

NUMBER OF THE STUDENTS ATTENDED: 110

VENUE : BLOCK – C : SEMINAR HALL & COMPUTER LAB - 3.



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The Department of Computer Science and Engineering organized a Two Week certificate program on “Artificial Intelligence and Machine Learning” for III & IV B.Tech and M.Tech(CSE)Students. **Artificial Intelligence (AI)**, in its broadest sense, is intelligence exhibited by machines, particularly computer systems. It is a field of research in computer science that develops and studies methods and software which enable machines to perceive their environment and uses learning and intelligence to take actions that maximize their chances of achieving defined goals. Such machines may be called AIs.

**Machine Learning (ML)** is a field of study in artificial intelligence concerned with the development and study of statistical algorithms that can learn from data and generalize to unseen data, and thus perform tasks without explicit instructions. Recently, artificial neural networks have been able to surpass many previous approaches in performance. Totally 110 students participated in this training program and after the completion of the program the students able to understand the following objectives and learning outcomes.

**Objectives:** The student will be able to

Artificial Intelligence by reverse engineering human abilities and traits. Artificial intelligence is a technology that enables computers to function independently but intelligently by reading human behavior. It is designed to create intelligent machines.

**Outcomes:** At the end of the course, student will be able to

Design user interfaces to improve human–AI interaction and real-time decision-making. Evaluate the advantages, disadvantages, challenges, and ramifications of human–AI augmentation. Design and develop symbiotic human–AI systems that balance the information processing power of computational systems with human intelligence and decision making. Explain the benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions, including those supported by chat bots, smart speakers, and other AI-driven, voice-based technologies.





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## Resource Person:



This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource persons and participants for making the program Successful.

  
TOAC COORDINATOR

  
HOD

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms A. DURIMA (19MT1A0502)  
from IV - I Sem has participated in A Two week certificate  
Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING" organized by  
Department of Computer Science and Engineering, Sri Venkateswara College of Engineering and  
Technology, Srikakulam during 12-23, September-2022.

Sri. S. Bhaskara Rao  
HOD, CSE

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

Dr. S. C. V. Ramana Murthy Naidu  
Principal





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(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

## PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms D. NIKHIL (19MT1A0510)  
from IV - I Sem has participated in A Two week certificate  
Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING" organized by  
Department of Computer Science and Engineering, Sri Venkateswara College of Engineering and  
Technology, Srikakulam during 12-23, September-2022.

Sri. S. Bhaskara Rao  
HOD, CSE

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

Dr. S. C. V. Ramana Murthy Naidu  
Principal



# SRI VENKATESWARA

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ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms G. SAI (20MT1A0513)  
from IT I Sem has participated in A Two week certificate  
Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING" organized by  
Department of Computer Science and Engineering, Sri Venkateswara College of Engineering and  
Technology, Srikakulam during 12-23, September-2022.

Sri. S. Bhaskara Rao  
HOD, CSE

SRI VENKATESWARA COLLEGES  
SRIKAKULAM  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

Dr. S. C. V. Ramana Murthy Naidu  
Principal





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Date: 28.03.2023

## CIRCULAR

It is hereby informed to all the final year B.Tech students that our college is conducting **A Hands-On Workshop for Beginners "Python Fundamentals"**. From 03.04.2023 to 15.04.23. All the students shall give their name to coordinator listed below on or before 01.04.2023. Hence, all the students are hereby informed to attend the classes without fail.

**Venue: Class Room- CP lab.**

**Co-ordinator:** Mrs.P.Usharani  
Assistant Professor  
EEE Dept-SVCET  
Cell:9494203772













P. Usharani  
CO-ORDINATOR

  
HOD-EEE

  
PRINCIPAL

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

**Copy send to: Honorable Management for the favor of Information**

Department	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	N.B	FILE
Signature												



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## A Hands-On Workshop for Beginners "Python Fundamentals"

Academic Year : 2022-23

Page 1 of 1

PROGRAM SCHEDULE			
S.No	DATE	Topic to be Covered	Name of The Resource Person
1	03.04.2023	Overview of Python, Installing Python and setting up the environment	Mr. S.Bhaskar Rao Assistant Professor
2	04.04.2023	Python syntax basics: variables, data types, and operators	Mr. S.Bhaskar Rao Assistant Professor
3	05.04.2023	Writing and executing your first Python program	Mr. S.Bhaskar Rao Assistant Professor
4	06.04.2023	Conditional statements: if, elif, else, for loops, while loops	Mr. S.Bhaskar Rao Assistant Professor
5	10.04.2023	Data Structures in Python	Mr.P.SURESH Assistant Professor
6	11.04.2023	Object-Oriented Programming (OOP)	Mr.P.SURESH Assistant Professor
7	12.04.2023	Advanced Topics and Wrap-up	Mr.P.SURESH Assistant Professor
8	13.04.2023	Q&A session and recap of key concepts covered throughout the seminar	Mr.P.SURESH Assistant Professor
9	15.04.2023	Certificates distribution and closing remarks	Mr.P.SURESH Assistant Professor

*P. Zharani*  
CO-ORDINATOR

*[Signature]*  
IQAC CO-ORDINATOR

*[Signature]*  
PRINCIPAL

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



### ABOUT THE PROGRAM

Python Fundamentals" is typically designed to introduce newcomers to the basics of Python programming. Such workshops often aim to provide a comprehensive overview of Python's core concepts, focusing on practical applications and hands-on experience.

#### Objective :

To Provide participants with a comprehensive understanding of the Python programming language, including its syntax, features, and applications. To Cover fundamental programming concepts such as variables, data types, operators, control flow structures, functions, and basic I/O operations in Python.

To each participants the principles of OOP in Python, including classes, objects, inheritance, encapsulation, and polymorphism.

#### Expected Outcome:

Ability to design and implement complex applications using Python Understanding of object-oriented programming (OOP) principles and the ability to create classes and objects. Proficiency in using inheritance, encapsulation, and polymorphism in Python classes. Familiarity with advanced topics such as decorators, generators, and context managers.

### CHIEF PATRON

**Dr. B.Srirama Murthy**  
Secretary, VES

### PATRON

**Dr S C V Ramana Murty Naidu**  
Principal, SVCET

### ORGANIZING COMMITTEE

**Mr.A.Apparao-HoD-EEE, Assoc. Professor**  
**Mr.K.Seetharamayya,Assistant Professor**  
**Mrs.P.Usharani,Assistant Professor**  
**Mr.K.Praveen,Assistant Professor**  
**Mrs.A.Chandhana,Assistant Professor**  
**Ms.K.GayathriTeja,Assistant Professor**

### HEAD OF THE DEPARTMENT

**Mr.A.Apparao**  
Assoc. Professor  
EEE Dept  
Email: 3esvcet@gmail.com

### A Two Week Certificate Program on **A Hands-On Workshop for Beginners "Python Fundamentals"**

From

**03.04.2023 to 15.04.23**



Organized by:

**DEPARTMENT OF**  
**ELECTRICAL & ELECTRONICS**  
**ENGINEERING**

**SRI VENKATESWARA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY**  
(Affiliated to JNTUGV Vizianagaram & Approved by AICTE)  
**Andhra Pradesh- 532410**  
**Phone: +91-99705576693**  
**www.svcet.info**

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

**ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society-the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

**ABOUT THE DEPARTMENT**

Electrical and Electronics Engineering is a profession that uses science, technology and problem solving skills to design construct and maintain products. It is a challenging but exciting and rewarding area to study. The department of EEE was established in 2008 with aim of importing high quality technical education in the area of Electrical and Electronics Engineering with an intake of 60 and is affiliated to Jawaharlal Nehru Technological University, Kakinada approved by AICTE.

**DEPARTMENT VISION**

To be a globally recognized center of excellence in Electrical and Electronic Engineering, pioneering innovations that shape the future of technology and society

**DEPARTMENT MISSION**

Our mission is to provide transformative education, conduct cutting-edge research, and foster innovation in Electrical and Electronic Engineering to address global challenges and improve quality of life.

**RESOURCE PERSONS:**

**Mr. S.Bhaskar Rao**  
Assistant Professor  
Department of CSE  
SVCET

Mobile number::8019194530  
Email: csehod.svcet@gmail.com

**Mr.P.SURESH**  
Assistant Professor  
Department of CSE(AIML)  
SVCET

Mobile number: 9515468085  
Email : suresh.paidi2@gmail.com

**CO-ORDINATOR**

**Mrs.P.Usharani**  
Assistant Professor  
EEE Dept  
Cell:9494203772

Email: [usha.rani240@gmail.com](mailto:usha.rani240@gmail.com)

**A Two Week Certificate Program on**

**A Hands-On Workshop for Beginners  
"Python Fundamentals"**

**03.04.2023 to 15.04.23**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_

**PRINCIPAL**

**Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)**





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## A Hands-On Workshop for Beginners "Python Fundamentals"

Academic Year : 2022-23

03.04.2023 to 15.04.2023

Date:03.04.2023

Department: EEE

### LIST OF ENROLLED STUDENTS

S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	20MT1A0201	A.MOHANA RAO	III-I	A.Mohana Rao
2	20MT1A0202	B.GOVINDA RAJULU REDDY	III-I	B. Govinda Rajulu
3	20MT1A0203	D.DHARMENDRA RAO	III-I	D.Dharmendra Rao
4	20MT1A0204	G.SREE VENKAT SANTOSH DEV	III-I	G. S. V. Santosh Dev
5	20MT1A0205	K.DHANUNJAY	III-I	K. Dhannunjay
6	20MT1A0206	M.GANESH	III-I	M. Ganesh
7	20MT1A0207	S.UPENDRA RAO	III-I	S. Upendra Rao
8	20MT1A0208	S.RAVI KUMAR	III-I	S. Ravi Kumar
9	20MT1A0209	T.SAI KUMAR	III-I	T. Sai Kumar
10	20MT1A0210	ABHINAY ANAND	III-I	A. Anand
11	20MT1A0211	CHANDRALOK KUMAR	III-I	C. Kumar
12	20MT1A0212	DIVAKAR KUMAR	III-I	Divakar. Kumar
13	20MT1A0214	MD TANVEER HASAN	III-I	Nilesh Kumar
14	20MT1A0215	NILESH KUMAR	III-I	N. Kumar
15	20MT1A0216	SACHIN KUMAR RAM	III-I	Sachin Ram
16	20MT1A0217	PRASHANT KUMAR	III-I	Prashant Kumar
17	20MT1A0218	RAMU KUMAR HARIJAN	III-I	Ramu Kumar Harijan
18	20MT1A0220	ASHISH KUMAR TIWARI	III-I	Ashish Kumar
19	21MT5A0201	BAIRI CHAITANYA	III-I	B. Chaitanya
20	21MT5A0202	BUDUMURU GEETHA	III-I	B. Geetha
21	21MT5A0203	CHALLA MADHUSUDHANA RAO	III-I	B. Geetha
22	21MT5A0204	CHINTADA MANEESHA	III-I	Ch. Maneesha
23	21MT5A0205	CHITRIKA SAMPATH KUMAR	III-I	C. Sampath Kumar
24	21MT5A0206	GANTA SAI KIRAN	III-I	G. Sai Kiran
25	21MT5A0207	GARIKI YAMUNA	III-I	YAMUNA
26	21MT5A0208	GURUGUBELLI BHARADWAJ	III-I	G. Bharadwaj
27	21MT5A0209	KARIMILLI SOMASEKHAR	III-I	K. Somasekhara
28	21MT5A0210	NAGARAJU UMAMAHESWARARAO	III-I	U. Maheswararao
29	21MT5A0211	PAILA VEERA SWAMY	III-I	P. Veera Swamy

30	21MT5A0212	PAPPALA SHANMUKHA RAO	III-I	P. Shanmukha Rao
31	21MT5A0213	RONANKI LAILA	III-I	R. Laila
32	21MT5A0214	TAMIRE BHAVANI SANKAR	III-I	T. Bhavani Sankar
33	21MT5A0215	UPPADA LAXSHMINARAYANA	III-I	A. Lokesh
34	22MT5A0201	Adapakala. Lokesh	II-I	A. Lokesh
35	22MT5A0202	Allada Siva	II-I	A. Siva
36	22MT5A0203	Ambali vivek	II-I	Vivek
37	22MT5A0205	Bonu Dinesh	II-I	B. Dinesh
38	22MT5A0206	Chamdaka Tejeswararao	II-I	C. Tejeswararao
39	22MT5A0207	Cheepuru.koteswararao	II-I	Ch. Koteswararao
40	22MT5A0208	Cheepuru.pavan sai	II-I	Ch. Pavan Sai
41	22MT5A0209	D.Yogeswara rao	II-I	D. Yogeswararao
42	22MT5A0210	Dumpa surya prakash rao	II-I	D. Suryaprakash Rao
43	22MT5A0211	Gantala Arun satya	II-I	G. Arun Satya
44	22MT5A0212	G Dhanunjai Rao	II-I	G. Dhanunjai Rao
45	22MT5A0213	Gollangi veerraju	II-I	G. Veerraju
46	22MT5A0214	H.pravallika	II-I	H. Pravallika
47	22MT5A0215	Ippili Himabindu	II-I	H. Himabindu
48	22MT5A0216	Jarjapu Bhawani	II-I	J. Bhawani
49	22MT5A0218	Kalivarapu.niteesh kumar	II-I	K. Niteesh Kumar
50	22MT5A0219	Kari Udaykiran	II-I	K. Uday Kiran
51	22MT5A0222	Meesala Bhavani	II-I	M. Bhavani
52	22MT5A0223	Metta Suryanarayana	II-I	M. Suryanarayana
53	22MT5A0224	Munakala Krishna	II-I	M. Krishna
54	22MT5A0225	Neyyala Praveen	II-I	N. Praveen
55	22MT5A0226	Palli ganesh	II-I	P. Ganesh
56	22MT5A0227	P.Venkatesh	II-I	P. Venkatesh
57	22MT5A0228	Peruri.Hemant Kumar	II-I	P. Hemant Kumar
58	22MT5A0229	Sahukari sasikummar	II-I	S. Sasikummar
59	22MT5A0230	Surapu Rohith	II-I	S. Rohith
60	22MT5A0232	Vangara Narendra	II-I	V. Narendra
61	22MT5A0233	Vanjarapu Manikanta	II-I	Manikanta
62	22MT5A0234	Yampalla sumanth	II-I	Y. Sumanth
63	22MT5A0235	R venkataramana	II-I	R. Venkata Ramana
64	22MT5A0237	K Bala Bhanu	II-I	K. Bala Bhanu

P. usharami  
CO-ORDINATOR

IRAC CO-ORDINATOR

AMM  
HOD  
PRINCIPAL

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





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## A Hands-On Workshop for Beginners "Python Fundamentals"

Academic Year : 2022-23

Date: 03.04.2023

Department: EEE

### DAY-WISE ATTENDANCE SHEET

S.No	Regd.No	Name of the Student	3-Apr	4-Apr	5-Apr	6-Apr	10-Apr	11-Apr	12-Apr	13-Apr	15-Apr
1	20MT1A0201	A.MOHANA RAO	P	P	P	P	A	P	P	P	P
2	20MT1A0202	B.GOVINDA RAJULU REDDY	P	P	P	A	P	P	P	P	P
3	20MT1A0203	D.DHARMENDRA RAO	P	P	A	P	P	P	P	P	P
4	20MT1A0204	G.SREE VENKAT SANTOSH DEV	P	P	P	P	P	A	P	P	P
5	20MT1A0205	K.DHANUNJAY	P	P	P	P	P	P	P	A	P
6	20MT1A0206	M.GANESH	P	P	P	A	P	P	P	P	P
7	20MT1A0207	S.UPENDRA RAO	P	P	P	P	A	P	P	P	P
8	20MT1A0208	S.RAVI KUMAR	P	P	P	P	P	P	P	P	A
9	20MT1A0209	T.SAI KUMAR	P	A	P	P	P	P	P	P	P
10	20MT1A0210	ABHINAY ANAND	P	P	P	P	P	A	P	P	P
11	20MT1A0211	CHANDRALOK KUMAR	P	P	A	P	P	P	P	P	P
12	20MT1A0212	DIVAKAR KUMAR	P	P	P	P	P	P	P	A	P
13	20MT1A0214	MD TANVEER HASAN	P	P	P	A	P	P	P	P	P
14	20MT1A0215	NILESH KUMAR	P	P	P	P	P	A	P	P	P
15	20MT1A0216	SACHIN KUMAR RAM	P	P	P	P	P	P	A	P	P
16	20MT1A0217	PRASHANT KUMAR	P	P	A	P	P	P	P	P	P
17	20MT1A0218	RAMU KUMAR HARIJAN	P	P	P	P	P	A	P	P	P
18	20MT1A0220	ASHISH KUMAR TIWARI	P	P	P	P	A	P	P	P	P
19	21MT5A0201	BAIRI CHAITANYA	P	P	P	P	A	P	P	P	P
20	21MT5A0202	BUDUMURU GEETHA	P	P	P	P	P	P	A	P	P
21	21MT5A0203	CHALLA MADHUSUDHANA RAO	P	P	A	P	P	P	P	P	P
22	21MT5A0204	CHINTADA MANEESHA	P	P	P	P	P	P	P	A	P
23	21MT5A0205	CHITRIKA SAMPATH KUMAR	P	A	P	P	P	P	P	P	P
24	21MT5A0206	GANTA SAI KIRAN	P	P	P	P	A	P	P	P	P
25	21MT5A0207	GARIKI YAMUNA	P	P	P	P	P	A	P	P	P
26	21MT5A0208	GURUGUBELLI BHARADWAJ	P	A	P	P	P	P	P	P	P
27	21MT5A0209	KARIMILLI SOMASEKHAR	P	P	P	P	A	P	P	P	P
28	21MT5A0210	NAGARAJU UMAMAHESWARARAO	P	P	P	P	P	A	P	P	P
29	21MT5A0211	PAILA VEERA SWAMY	P	P	P	P	P	A	P	P	P
30	21MT5A0212	PAPPALA SHANMUKHA RAO	P	P	P	P	A	P	P	P	P
31	21MT5A0213	RONANKI LAILA	P	P	A	P	P	P	P	P	P

32	21MT5A0214	TAMIRE BHAVANI SANKAR	A	P	P	P	P	P	P	P	P	P
33	21MT5A0215	UPPADA LAXSHMINARAYANA	P	A	P	P	P	P	P	P	P	P
34	22MT5A0201	Adapakala. Lokesh	P	P	A	P	P	P	P	P	P	P
35	22MT5A0202	Allada Siva	P	P	P	A	P	P	P	P	P	P
36	22MT5A0203	Ambali vivek	P	P	P	P	A	P	P	P	P	P
37	22MT5A0205	Bonu Dinesh	P	A	P	P	P	A	P	P	P	P
38	22MT5A0206	Chamdaka Tejeswararao	P	P	P	P	P	P	A	P	P	P
39	22MT5A0207	Cheepuru.koteswararao	P	P	P	P	P	P	P	A	P	P
40	22MT5A0208	Cheepuru.pavan sai	P	P	P	P	P	P	P	P	A	P
41	22MT5A0209	D.Yogeswara rao	P	A	P	P	P	P	P	P	P	P
42	22MT5A0210	Dumpa surya prakash rao	P	P	A	P	P	P	P	P	P	P
43	22MT5A0211	Gantala Arun satya	P	P	P	A	P	P	P	P	P	P
44	22MT5A0212	G Dhanunjai Rao	P	P	P	P	A	P	P	P	P	P
45	22MT5A0213	Gollangi veerraju	P	P	P	P	P	A	P	P	P	P
46	22MT5A0214	H.pravallika	P	P	P	P	P	P	A	P	P	P
47	22MT5A0215	Ippili Himabindu	P	P	P	P	P	P	P	A	P	P
48	22MT5A0216	Jarjapu Bhawani	P	P	P	P	P	P	P	P	A	P
49	22MT5A0218	Kalivarapu.niteesh kumar	A	P	P	P	P	P	P	P	P	P
50	22MT5A0219	Kari Udaykiran	P	A	P	P	P	P	P	P	P	P
51	22MT5A0222	Meesala Bhavani	P	P	A	P	P	P	P	P	P	P
52	22MT5A0223	Metta Suryanarayana	P	P	P	A	P	P	P	P	P	P
53	22MT5A0224	Munakala Krishna	P	P	P	P	A	P	P	P	P	P
54	22MT5A0225	Neyyala Praveen	P	P	P	P	P	A	P	P	P	P
55	22MT5A0226	Palli ganesh	P	P	P	P	P	P	A	P	P	P
56	22MT5A0227	P.Venkatesh	P	P	P	P	P	P	P	A	P	P
57	22MT5A0228	Peruri.Hemant Kumar	P	P	P	P	P	P	P	P	A	P
58	22MT5A0229	Sahukari sasikummar	P	A	P	P	P	P	P	P	P	P
59	22MT5A0230	Surapu Rohith	P	P	P	A	P	P	P	P	P	P
60	22MT5A0232	Vangara Narendra	P	P	P	P	P	A	P	P	P	P
61	22MT5A0233	Vanjarapu Manikanta	P	P	A	P	P	P	P	P	P	P
62	22MT5A0234	Yampalla sumanth	P	P	P	P	A	P	P	P	P	P
63	22MT5A0235	R venkataramana	P	A	P	P	P	P	P	P	P	P
64	22MT5A0237	K Bala Bhanu	P	P	P	P	P	A	P	P	P	P

P. Usharani  
CO-ORDINATOR

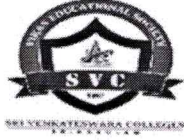
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IQAC CO-ORDINATOR

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date:17.04.2023

**PROGRAM REPORT**

**Name of the Event:**

**A Hands-On Workshop for Beginners "Python Fundamentals"**

**Date:** 03.04.2023 to 15.04.2023.

**Resource Person: 1.** Mr. S.Bhaskar Rao

Assistant Professor

Department of CSE- SVCET

Mobile number::8019194530

Email: csehod.svcet@gmail.com

**2.** Mr. P.Suresh Kumar

Assistant Professor

Department of CSE- SVCET

Mobile number: 9912940233

e-Mail ID:psuresh90k@gmail.com

**Name of co-ordinator:** Mrs.P.Usharani

Assistant Professor

EEE Department-SVCET

Cell:9494203772

**Number of Students attended : 56**

**Venue: POWER SYSTEMS & SIMULATION LAB**

Sri Venkateswara College of Engineering and Technology, Organized a Certificate Program on **A Hands-On Workshop for Beginners "Python Fundamentals"**. For the final year B.Tech Students By the Resource Persons **Mr. S.Bhaskar Rao & Mr. P.Suresh Kumar** has highlighted following points.

### Objectives:

- To Provide participants with a comprehensive understanding of the Python programming language, including its syntax, features, and applications.
- To Cover fundamental programming concepts such as variables, data types, operators, control flow structures, functions, and basic I/O operations in Python.
- To teach participants the principles of OOP in Python, including classes, objects, inheritance, encapsulation, and polymorphism.
- To Educate participants on reading from and writing to files, as well as handling exceptions gracefully in Python programs.
- To Provide insights into the various career opportunities available for Python developers and how mastering Python can benefit participants in their professional lives.

### Learning Outcomes:

1. Ability to design and implement complex applications using Python
2. Understanding of object-oriented programming (OOP) principles and the ability to create classes and objects.
3. Proficiency in using inheritance, encapsulation, and polymorphism in Python classes.
4. Familiarity with advanced topics such as decorators, generators, and context managers.
5. Capability to work with external libraries and modules to extend Python's functionality.
6. Understanding of Python's standard library and commonly used modules for tasks such as regular expressions, networking, and data manipulation.



This course was very useful to the students and their feedback is positive. The management and Dr.S.C.V.Ramana Murthy ,Principal of SVCET thanked the resource Person and participants for making the program successful.

*P. visha Reddy*

CO-ORDINATOR

*Imy*

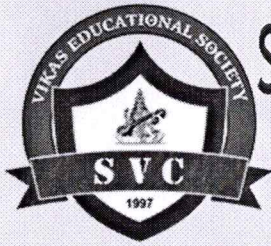
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NH-16, Etcherla-532410, SRIKAKULAM (Dist), ANDHRA PRADESH. Web; www.SVCET.info. Email: principal\_svcet@yahoo.com

## CERTIFICATION OF PARTICIPATION

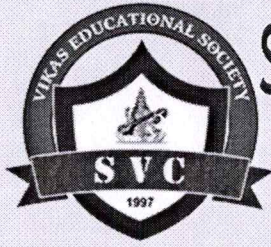
This is to certify that Mr/Ms/Mrs A. Mohan Rao studying IT  
B.Tech in Sri Venkateswara College of Engineering and Technology  
Has participated in A Two week certificate Program on A Hands-  
On Workshop for Beginners "Python Fundamentals", Organised by  
Department of Electrical and Electronics Engineering. From  
03.04.2023 to 15.04.2023

Sri.A.Apparao  
HoD-EEE, SVCET

Dr.S.C.V.Ramana Murthy  
Principal, SVCET

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)





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## CERTIFICATION OF PARTICIPATION

This is to certify that Mr/Ms/Mrs B. Govinda Rajulu studying III  
B.Tech in Sri Venkateswara College of Engineering and Technology  
Has participated in A Two week certificate Program on A Hands-  
On Workshop for Beginners "Python Fundamentals", Organised by  
Department of Electrical and Electronics Engineering. From  
03.04.2023 to 15.04.2023

Sri.A.Apparao  
HoD-EEE, SVCET

Dr.S.C.V.Ramana Murthy  
Principal, SVCET

PRINCIPAL

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 06.09.2022

**CIRCULAR**

It is hereby informed to all the final year B.Tech students that our college is conducting A Two week certificate Program on "Present scenario of Power Systems And Basic Programming with MATLab". From 12.09.2022 to 24.09.2022. All the students shall give their name to co-ordinator listed below on or before 09.09.2022. Hence, all the students are hereby informed to attend the classes without fail.

**Venue: Class Room- PS&S lab.**

**Co-ordinator: Mr.V.Vyunkunta Rao**

**Assistant professor**








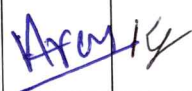




**Dept of EEE.**

  
**CO-ORDINATOR**

  
**HOD-EEE**

  
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**Copy send to: Honorable Management for the favor of Information**

Department	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	N.B	FILE
Signature												



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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

A Two week Practical Workshop on " PRESENT SCENARIO OF POWER SYSTEMS AND BASIC PROGRAMMING WITH MATLAB"

Academic Year : 2022-23

Department : EEE

## PROGRAM SCHEDULE

S.No	DATE	Topic to be Covered	Name of The Resource Person
1	12.09.2022	Introduction to Electrical Engineering Trends	Dr. P.MANMADHA KUMAR Professor
2	13.09.2022	Smart Grids and Renewable Energy	Dr. P.MANMADHA KUMAR Professor
3	14.09.2022	Power Electronics and Electric Vehicles	Dr. P.MANMADHA KUMAR Professor
4	15.09.2022	Smart Homes and Building Automation	Dr. P.MANMADHA KUMAR Professor
5	16.09.2022	Industrial Automation and Robotics	Dr. P.MANMADHA KUMAR Professor
6	17.09.2022	High Voltage Engineering and Power Systems	Dr. P.MANMADHA KUMAR Professor
7	19.09.2022	Communication Systems in Electrical Engineering	Mr.K.Seetharamayya Assistant Professor
8	20.09.2022	Energy Storage Systems	Mr.K.Seetharamayya Assistant Professor
9	21.09.2022	Cybersecurity in Electrical Engineering	Mr.K.Seetharamayya Assistant Professor
10	22.09.2022	Advanced Control Systems	Mr.K.Seetharamayya Assistant Professor
11	23.09.2022	Artificial Intelligence and Machine Learning in Electrical Engineering	Mr.K.Seetharamayya Assistant Professor
12	24.09.2022	Future Trends and Innovations	Mr.K.Seetharamayya Assistant Professor

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### ABOUT THE PROGRAM

A two-week certificate program on "Present Scenario of Power Systems and Basic Programming with MATLAB" typically aims to provide participants with a comprehensive understanding of modern power systems and an introduction to programming and simulation using MATLAB.

#### **Objective :**

To Perform numerical computations and analyses for mathematical and scientific problems. To Solve equations, integrate functions, and optimize solutions, and Create simulations and models for engineering, physics, and other scientific applications using the Simulink environment. The objective of the program is to bring awareness in the young technical minds to understand themselves knowledge and confident in research.

#### **Expected Outcome:**

All The Students Who Have Participated In A Two week Workshop On " **A Two week certificate Program on "Present scenario of Power Systems And Basic Programming with MATLAB"**". Ability to solve complex mathematical problems and perform numerical analyses using MATLAB's computational capabilities .Proficiency in processing, analyzing, and visualizing data, aiding in data-driven decision-making. Acquiring programming skills with a focus on MATLAB syntax, structure, and best practices. Proficiency in using MATLAB and Simulink for simulating and modeling dynamic systems, enabling the understanding of system behavior.

### CHIEF PATRON

**Dr. B.Srirama Murthy** Secretary, VES

### PATRON

**Dr S C V Ramana Murty Naidu**  
Principal, SVCET

### ORGANIZING COMMITTEE

**Mr.A.Apparao**-HoD-EEE, Assoc. Professor

**Mr.K.Seetharamayya**, Assistant Professor

**Mrs.P.Usharani**, Assistant Professor

**Mr.K.Praveen**, Assistant Professor

**Mrs.A.Chandhana**, Assistant Professor

**Ms.K.Gayathri Teja**, Assistant Professor

### HEAD OF THE DEPARTMENT

**Mr.A.Apparao**

Assoc. Professor

EEE Dept

Email: 3esvcet@gmail.com



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Sri Venkateswara College of Engineering & Technology  
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**A Two week certificate Program on "Present scenario of Power Systems And Basic Programming with MATLAB"**

From

**12.09.2022 to 24.09.2022**



Organized by:

**DEPARTMENT OF  
ELECTRICAL & ELECTRONICS  
ENGINEERING**

**SRI VENKATESWARA COLLEGE OF  
ENGINEERING & TECHNOLOGY**  
(Affiliated to JNTUGV vizianagaram & Approved by AICTE)  
**Andhra Pradesh- 532410**  
**Phone: +91-9705576693**  
**www.svcet.info**

### **ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society-the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

### **ABOUT THE DEPARTMENT**

Electrical and Electronics Engineering is a profession that uses science, technology and problem solving skills to design construct and maintain products. It is a challenging but exciting and rewarding area to study. The department of EEE was established in 2008 with aim of importing high quality technical education in the area of Electrical and Electronics Engineering with an intake of 60 and is affiliated to Jawaharlal Nehru Technological University, Kakinada approved by AICTE.

### **DEPARTMENT VISION**

To be a globally recognized center of excellence in Electrical and Electronic Engineering, pioneering innovations that shape the future of technology and society

### **DEPARTMENT MISSION**

Our mission is to provide transformative education, conduct cutting-edge research, and foster innovation in Electrical and Electronic Engineering to address global challenges and improve quality of life.

### **RESOURCE PERSONS:**

**Dr. P.MANMADHA KUMAR**

**Professor ,EEE**

**GMRIT-RAJAM**

**Mob: +91 9490105045**

**e-mail: [manmadhakumar.d@gmail.com](mailto:manmadhakumar.d@gmail.com)**

**Mr.K.Seetharamayya**

**Assistant Professor**

**Department of EEE**

**SVCET**

**Mobile number: 9515468085**

**e-mail : [seetharayya.konni@gmail.com](mailto:seetharayya.konni@gmail.com)**

### **CO-ORDINATOR**

**V.VYKUNTA RAO**

**Assistant Professor**

**EEE Dept**

**Cell:8499935804**

**Email: [vykunt555@gmail.com](mailto:vykunt555@gmail.com)**

### **A Two Week Certificate Program on**

**Present scenario of Power Systems And Basic Programming with MATLAB "**

From

12.09.2022 to 24.09.2022

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_

**PRINCIPAL**

**Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)**





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A Two week certificate Program on "Present scenario of Power Systems And Basic Programming with MATLAB"

Academic Year : 2022-23

Date: 12.09.2022

Department: EEE

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0201	B KISHORE KUMAR	IV-I EEE	B. Kishore Kumar
2	19MT1A0202	BHAIRI NEERAJA	IV-I EEE	B. Neeraja
3	19MT1A0203	Ch BHARGAVA KUMAR	IV-I EEE	Ch. Bharagava Kumar
4	19MT1A0204	GODDU DIVYA	IV-I EEE	G. Divya
5	19MT1A0205	KINJARAPU SAI KUMAR	IV-I EEE	K. Sai Kumar
6	19MT1A0207	MUDDADA INDIRA	IV-I EEE	M. Indira
7	19MT1A0208	MURAMARLA VENKATALAXMI	IV-I EEE	M. Venkatalaxmi
8	19MT1A0210	SEERAMSETTY GOWTHAM	IV-I EEE	S. Gowtham
9	19MT1A0211	SURAJBHAN SINGH RATHOR	IV-I EEE	S.S. Rathor
10	19MT1A0212	ABHISHEK KUMAR MAHTO	IV-I EEE	A. Kumar Mahto
11	19MT1A0213	RITIK RAJ	IV-I EEE	RITIK RAJ
12	19MT1A0214	VIKASH Kumar	IV-I EEE	Vikash Kumar
13	20MT5A0201	BENDI DURGA PRASAD	IV-I EEE	B. Durga Prasad
14	20MT5A0202	BEVARA RAJU	IV-I EEE	B. Raju
15	20MT5A0203	BORA RAMESH	IV-I EEE	RAMESH
16	20MT5A0204	DESETTI PRAVEEN KUMAR	IV-I EEE	D. Praveen Kumar
17	20MT5A0205	DUKKA UPENDRA	IV-I EEE	V. Sai Srujan
18	20MT5A0206	HANUMANTHU NITHIN	IV-I EEE	H. Nithin
19	20MT5A0207	KARROTU KISHORE	IV-I EEE	K. Kishore
20	20MT5A0208	KOLLI YATEESHWAR	IV-I EEE	K. YATEESWAR
21	20MT5A0209	MENDA DILEEP	IV-I EEE	M. DILEEP
22	20MT5A0210	MUDDADA VARAPRASAD	IV-I EEE	M. Varaprasad
23	20MT5A0212	POLAKI SAI KUMAR	IV-I EEE	P. Sai Kumar
24	20MT5A0213	POTTI JANAKIRAO	IV-I EEE	P. Janaki Rao
25	20MT5A0214	RAJANA GOWRI SANKAR	IV-I EEE	R. Gowri Sankar
26	20MT5A0215	SAVARA PRASANTH	IV-I EEE	S. Prasanth
27	20MT5A0216	S P CHANDRA RAJ TAGORE	IV-I EEE	SP chandra Raj Tagore
28	20MT5A0217	SURISSETTI ASHOK KUMAR	IV-I EEE	S. Ashok Kumar
29	20MT5A0218	UNKILI SUDHEER	IV-I EEE	U. Sudheer

  
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13	20MT5A0201	BENDI DURGA PRASAD	P	P	P	P	P	P	P	P	A	P	P	P
14	20MT5A0202	BEVARA RAJU	P	P	A	P	P	P	P	P	P	P	P	P
15	20MT5A0203	BORA RAMESH	P	P	P	P	P	P	P	P	A	P	P	P
16	20MT5A0204	DESETTI PRAVEEN KUMAR	P	P	P	A	P	P	P	P	P	P	P	P
17	20MT5A0205	DUKKA UPENDRA	P	P	P	P	P	A	P	P	P	P	P	P
18	20MT5A0206	HANUMANTHU NITHIN	P	P	P	A	P	P	P	P	P	P	P	P
19	20MT5A0207	KARROTU KISHORE	P	P	P	P	P	A	P	P	P	P	P	P
20	20MT5A0208	KOLLI YATEESHWAR	P	P	P	P	A	P	P	P	P	P	P	P
21	20MT5A0209	MENDA DILEEP	P	P	P	P	P	P	A	P	P	P	P	P
22	20MT5A0210	MUDDADA VARAPRASAD	P	P	P	P	A	P	P	P	P	P	P	P
23	20MT5A0212	POLAKI SAI KUMAR	P	A	P	P	P	P	P	P	P	P	P	P
24	20MT5A0213	POTTI JANAKIRAO	P	P	P	P	P	P	P	P	A	P	P	P
25	20MT5A0214	RAJANA GOWRI SANKAR	P	P	P	P	A	P	P	P	P	P	P	P
26	20MT5A0215	SAVARA PRASANTH	P	P	P	P	P	A	P	P	P	P	P	P
27	20MT5A0216	S P CHANDRA RAJ TAGORE	P	P	A	P	P	P	P	P	P	P	P	P
28	20MT5A0217	SURISSETTI ASHOK KUMAR	P	A	P	P	P	P	A	P	P	P	P	P
29	20MT5A0218	UNKILI SUDHEER	P	P	P	P	P	P	A	P	P	P	P	P

  
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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 26.09.2022

**PROGRAM REPORT**

NAME OF THE EVENT : A Two week certificate Program on "Present scenario of Power Systems And Basic Programming with MATLAB"

DATE : 12.09.2022 To 24.09.2022

RESOURCE PERSON : 1. Mr. B.Manmadha Kumar  
Sr Assistant Professor  
Department of EEE  
AITAM  
Mobile number: 7286931990  
e-Mail ID:manmadhakumarboddepalli@gmail.com

2. Mr.K.Seetharamayya  
Assistant Professor  
Department of EEE- SVCET  
Mobile number: 9515468085  
e-Mail ID:seetharayya.konni@gmail.com

NAME OF THE CO-ORDINATOR : Mr.V.Vykunta Rao  
Assistant Professor  
Dept of EEE  
Mobile number: 8499935804  
Email: vykunt555@gmail.com

NUMBER OF THE STUDENTS ATTENDED : 29

VENUE : BLOCK – B : POWER SYSTEMS &SIMULATION LAB

Sri Venkateswara College of Engineering and Technology, Organized a Certificate Program on "**Present scenario of Power Systems And Basic Programming with MATLAB**". For the final year B.Tech Students By the Resource Persons Mr.B.Manmadha Kumar & K.Seetharamayya has highlighted following points.

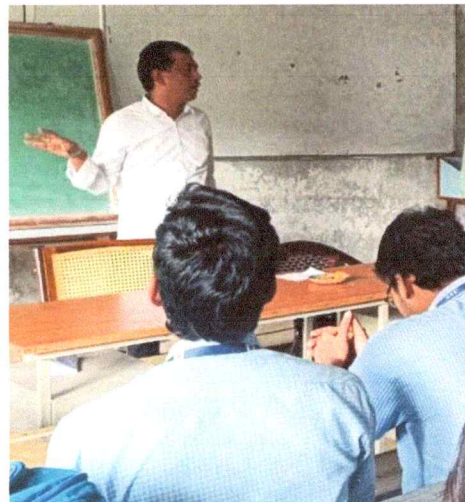


### Course Objectives:

- To Perform numerical computations and analyses for mathematical and scientific problems.
- To Solve equations, integrate functions, and optimize solutions.
- To Create simulations and models for engineering, physics, and other scientific applications using the Simulink environment.
- To Design, analyze, and simulate control systems for applications in engineering and automation.

### Learning Outcomes:

- Ability to solve complex mathematical problems and perform numerical analyses using MATLAB's computational capabilities
- Proficiency in processing, analyzing, and visualizing data, aiding in data-driven decision-making.
- Acquiring programming skills with a focus on MATLAB syntax, structure, and best practices.
- Proficiency in using MATLAB and Simulink for simulating and modeling dynamic systems, enabling the understanding of system behavior.
- Understanding and designing control systems for engineering applications.
- Ability to use MATLAB for educational purposes, including teaching and learning in academic settings.



This course was very useful to the students and their feedback is positive. The management and Dr.S.C.V.Ramana Murthy ,Principal of SVCET thanked the resource Person and participants for making the program successful.

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ETCHERLA, Srikakulam-532410 (A.P)





# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi; Affiliated to JNTUGV, Vizianagaram; G.O. Ms. No. 101; Dt. 09-07-2008)

NH-16, Etcherla-532410, SRIKAKULAM (Dist), ANDHRA PRADESH.

Web; www.SVCET.info. Email: principal\_svcet@yahoo.com

## CERTIFICATION OF PARTICIPATION

This is to certify that Mr/Ms/Mrs B. Kishore Kumar studying B.Tech in Sri Venkateswara college of engineering and technology Has participated in A Two week certificate Program on "Present scenario of Power systems And Basic Programming with MATLAB" Organised by Department of Electrical and Electronics Engineering. From 13.II.2023 to 25.II.2023 .

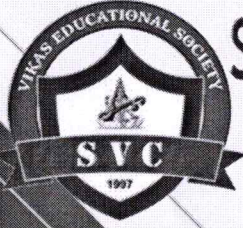
**Sri.A.Apparao**  
HoD-EEE,SVCET

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

**Dr.S.C.V.Ramana Murthy**  
Principal,SVCET





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## CERTIFICATION OF PARTICIPATION

This is to certify that Mr/Ms/Mrs B. Neerajen studying ET  
B.Tech in Sri Venkateswara College of Engineering and Technology  
Has participated in A Two week certificate Program on "Present  
scenario of Power systems And Basic Programming with MATLAB",  
Organised by Department of Electrical and Electronics Engineering.  
From 13.II.2023 to 25.II.2023 .

**Sri.A.Apparao**  
HoD-EEE, SVCET

**Dr.S.C.V.Ramana Murthy**  
Principal, SVCET

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

(Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram)

Office : +91 9705576693, email: principal\_svctet@yahoo.com, website: www.svctet.info

Date: 30.01.2023

## CIRCULAR

It is hereby informed to all the IV, III B.Tech MECH students, that the Department of Mechanical Engineering is conducting **A Two week certificate Program on "DRONE TECHNOLOGY "** from 06.02.2023 To 17.02.2023. The students shall register their name with coordinator on or before 03.02.2023.

**VENUE:** Seminar Hall & Drawing hall, Block – A, SVCET.

**Coordinator:** Mr.G.HAREESH,(Ph.D)  
Asst.Professor ,Department of Mechanical Engineering.  
Contact No:8464962205  
E\_Mail:harihappy123@gmail.com













  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

Department	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	NB	FILE
Signature												





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693, email: principal\_svctet@yahoo.com, website: www.svctet.info

## A Two Week Add-On Program on DRONE TECHNOLOGY 06/02/2023 to 17/02/2023 Program Schedule

Academic Year:2022-23

S.No	Date	Topics to be Covered	Name of The Resource Person
1	06/02/2023	Introduction to Drones	Mr.K.PREMA KUMAR, Associate Professor, Sri Sivani College of Engineering , Chilakapalem
2	07/02/2023	Drone Components and Technologies	Mr.K.PREMA KUMAR, Associate Professor, Sri Sivani College of Engineering , Chilakapalem
3	08/02/2023	Building a Drone from Scratch	Mr.K.PREMA KUMAR, Associate Professor, Sri Sivani College of Engineering , Chilakapalem
4	09/02/2023	Aerodynamics and Drone Flight	Mr.K.PREMA KUMAR, Associate Professor, Sri Sivani College of Engineering , Chilakapalem
5	10/02/2023	Remote Control and Navigation	Mr.K.PREMA KUMAR, Associate Professor, Sri Sivani College of Engineering , Chilakapalem
6	13/02/2023	Safety Protocols and Compliance	Mr.K.Kamalakar,Asst.Professor BITS,VISAKHAPATNAM
7	14/02/2023	Legal Regulations and Compliance	Mr.K.Kamalakar,Asst.Professor BITS,VISAKHAPATNAM
8	15/02/2023	Camera Systems and Imaging	Mr.K.Kamalakar,Asst.Professor BITS,VISAKHAPATNAM
9	16/02/2023	Sensors and Data Acquisition	Mr.K.Kamalakar,Asst.Professor BITS,VISAKHAPATNAM
10	17/02/2023	Industrial and Agricultural Applications	Mr.K.Kamalakar,Asst.Professor BITS,VISAKHAPATNAM

  
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ETCHERLA, Srikakulam-532410 (A.P)

### **ABOUT THE PROGRAM**

A two-week certificate program on “**Drone Technology**” typically aims to provide participants with a comprehensive understanding on Future Scope Of Drone Technology, Modeling and analysis. Familiar with Examine Drone Imaging and Sensing.

### **OBJECTIVES:**

- To familiarize students with drone technology,
- To familiarize drone applications.
- To familiarize drones impact on various industries.
- To prepare students for opportunities in the growing field of drones and unmanned aerial vehicles.

### **LEARNING OUTCOMES:**

Upon completion of this course the student will be able to:

- Recognize the significance of drone technology in a variety of applications.
- Explore Drone Design and Construction.
- Understand Drone Flight Principles
- Adhere to Drone Safety and Regulations
- Examine Drone Imaging and Sensing
- Analyze Drone Applications
- Gain insights into career opportunities and advancements in the drone industry.

### **CHIEF PATRON**

Dr. B. Srirama Murthy  
Secretary, VES

### **PATRON**

Dr .S.C.V. Ramana Murty Naidu  
Principal, SVCET

### **RESOURCE PERSONS:**

- Mr. K. Prema Kumar  
Associate Professor  
Sri Sivani College Of Engineering, Chilakapalem  
Mobile: 9849475315  
Email: [prema.tlc@gmail.com](mailto:prema.tlc@gmail.com)

- Mr. K.Kamalakar  
Asst. Professor  
Baba Institute of Technology and Sciences,  
Visakhapatnam.  
Contact No:-9951743031  
E\_Mail:-[kamalakarkasimahanti@gmail.com](mailto:kamalakarkasimahanti@gmail.com)

### **COORDINATOR:**

Mr. G. Hareesh  
Asst. Professor ,  
Department of Mechanical Engineering.  
Sri Venkateswara College Of Engineering, Etcherla.  
Contact No: 8464962205  
E-mail: [harihappy123@gmail.com](mailto:harihappy123@gmail.com)

A Two Week Certificate Program  
on  
“ **DRONE TECHNOLOGY** ”  
From  
06.02.2023 to 17.02.2023



**Organized by:**

**DEPARTMENT OF  
MECHANICAL ENGINEERING**

**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Affiliated to JNTUG-Vizianagaram & Approved by  
AICTE-New Delhi)  
Etcherla, Srikakulam, Andhra Pradesh- 532410  
Phone: +91-9494011444  
**[www.svcet.info](http://www.svcet.info)**



### ABOUT SVCET:

Established in the year 2008 by Vikas Educational Society- the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

### ABOUT THE DEPARTMENT:

Mechanical Engineering is a field that utilizes science, technology, and problem-solving skills to design, construct, and maintain products. It is a challenging yet fascinating and fulfilling area of study. Founded in 2008, the Department of Mechanical Engineering aims to deliver high-quality technical education in Mechanical Engineering with an initial intake of 60 students. Affiliated with Jawaharlal Nehru Technological University, Kakinada and approved by AICTE, the department offers various courses that students from other departments can choose as electives. The curriculum is designed to elevate the college to the standards of advanced institutions. The department is dedicated to enhancing Industry-Institute Interaction in academics and research, as well as developing infrastructure to meet industry requirements.

### DEPARTMENT VISION:

Emerge as a Center of pre-eminence in Mechanical Engineering Education, Research and Services.

### DEPARTMENT MISSION:

- To produce graduates with scientific and technical knowledge and excellent mechanical engineering skills for professional practice, employment, advanced study and research.
- To introduce professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable graduates.

### HEAD OF THE DEPARTMENT

Dr. B. Harisankar  
Assoc. Professor & HOD  
Mechanical Engineering Department  
Cell:7008035481

### **A Two week certificate Program on “ DRONE TECHNOLOGY ” From 06.02.2023 to 17.02.2023**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram  
Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: A Two week certificate Program on "DRONE TECHNOLOGY "

Academic Year: 2022-23

Date: 08.02.2023

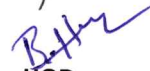
Department: MECH

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0301	ALLUPILLI SIMHACHALAM	IV-II	A. Simhachalam
2	19MT1A0304	BONDAPALLI SRINU	IV-II	B. Srinu
3	19MT1A0306	BUGATA AVINASH	IV-II	B. Avinash
4	19MT1A0309	GULLA KARTHIK	IV-II	G. Karthik
5	19MT1A0310	GUNA DHANUNJAYA	IV-II	G. Dhanunjaya
6	19MT1A0311	GUNUPURU UPENDRA	IV-II	G. Upendra
7	19MT1A0312	KADAGALA CHANDRASEKHAR	IV-II	K. Chandrasekhar
8	19MT1A0313	KORADA UPENDRA	IV-II	K. Upendra
9	19MT1A0315	NANDIKI DEEPAK	IV-II	N. Deepak
10	19MT1A0317	NELLIPARTI HEMANTH	IV-II	N. Hemant
11	19MT1A0318	PENUMAJJI KISHOR	IV-II	P. Kishor
12	19MT1A0319	RAMPATRUNI HARIKRISHNA	IV-II	R. Harikrishna
13	19MT1A0320	RATNALA RUSHI	IV-II	R. Rushi
14	19MT1A0321	SAMPATIRAO HARSHA VARDHAN	IV-II	S. Harsha Vardhan
15	19MT1A0322	SAVARA MANOJ KUMAR	IV-II	S. Manoj Kumar
16	19MT1A0323	SELAGALA VENKATARAMANA	IV-II	S. Venkataramana
17	19MT1A0324	TIMMANA ESWARA RAO	IV-II	T. Eswara Rao
18	19MT1A0325	BITTU KUMAR	IV-II	B. Kumar
19	19MT1A0326	MANTOSH KUMAR	IV-II	M. Mantosh Kumar
20	19MT1A0327	KRISHNA KUMAR MANDAL	IV-II	K. Krishna Kumar
21	19MT1A0328	DEEPAK KUMAR	IV-II	Deepak Kumar
22	19MT1A0330	SUJIT KUMAR	IV-II	Sujith Kumar
23	19MT1A0331	PRINCE KUMAR	IV-II	P. Kumar
24	19MT1A0332	SHRAVAN KUMAR	IV-II	Shravan Kumar
25	19MT1A0337	PARAS MANI	IV-II	P. Mani
26	20MT5A0301	ALAPANA GANESH	IV-II	A. Ganesh
27	20MT5A0303	ATTILI JOGESHWARARAO	IV-II	A. Jogeshwararao
28	20MT5A0305	BODDEPALLI CHANDRA SEKHAR	IV-II	B. Chandra Sekhar
29	20MT5A0306	BUGATHA VINAY KUMAR	IV-II	B. Vinay Kumar
30	20MT5A0307	CHALLA SURYA KIRAN	IV-II	C. Surya Kiran
31	20MT5A0308	DAMODHARA SAIKUMAR	IV-II	D. Saikumar
32	20MT5A0309	DANDUPATI NAGARAJU	IV-II	D. Nagaraju



33	20MT5A0310	DUMPALA LAKSHMI NARASIMHA NAIDU	IV-II	D.L.N. Naidu
34	20MT5A0311	DUNGA TARUN KUMAR	IV-II	D. Tarun Kumar
35	20MT5A0312	ETCHERLA AKHIL	IV-II	E. Akhil
36	20MT5A0314	KALIVARAPU UDAY KIRAN	IV-II	K. Uday Kiran
37	20MT5A0315	KAMBAKAYA KARTHEEK	IV-II	K. Kartheek
38	20MT5A0320	PEDDAKOTA DURGA PRASAD	IV-II	P. Durga Prasad
39	20MT5A0321	POLAKI RAKESH BABU	IV-II	P. Rakesh Babu
40	20MT5A0322	PONNADA SUDHEER	IV-II	P. Sudheer
41	20MT5A0324	PUTTA KOMALARAO	IV-II	P. Komal Rao
42	20MT5A0325	RAGHUPATRUNI NAVEEN KUMAR	IV-II	R. Naveen Kumar
43	20MT5A0326	SIMMA VINAY	IV-II	S. Vinay
44	20MT5A0327	TIRUPATI SAI RAJESH	IV-II	T. Sai Rajesh
45	20MT5A0329	UPPADA BHASKARA SAI	IV-II	U. Bhaskara Sai
46	20MT5A0330	VAMARAVALLI SIVAKUMAR	IV-II	V. Sivakumar

  
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HOD

  
IQAC CO-ORDINATOR

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)







21	19MT1A0328	DEEPAK KUMAR	P	P	P	P	P	P	P	P	P	A
22	19MT1A0330	SUJIT KUMAR	P	P	P	P	P	P	A	P	P	P
23	19MT1A0331	PRINCE KUMAR	P	P	P	P	P	P	P	P	P	P
24	19MT1A0332	SHRAVAN KUMAR	P	P	P	P	P	P	P	P	A	P
25	19MT1A0337	PARAS MANI	P	P	P	P	P	P	P	P	A	P
26	20MT5A0301	ALAPANA GANESH	P	P	P	P	P	P	P	P	P	P
27	20MT5A0303	ATTILI JOGESHWARARAO	P	P	P	P	P	P	P	P	P	P
28	20MT5A0305	BODDEPALLI CHANDRA SEKHAR	P	A	P	P	P	P	P	P	P	P
29	20MT5A0306	BUGATHA VINAY KUMAR	A	P	P	P	P	P	P	P	P	P
30	20MT5A0307	CHALLA SURYA KIRAN	P	P	P	P	P	A	P	P	P	P
31	20MT5A0308	DAMODHARA SAIKUMAR	P	P	P	P	P	P	P	P	P	P
32	20MT5A0309	DANDUPATI NAGARAJU	P	P	A	P	P	P	A	P	P	P
33	20MT5A0310	D. LAKSHMI NARASIMHA NAIDU	P	P	P	P	P	P	P	P	P	P
34	20MT5A0311	DUNGA TARUN KUMAR	P	P	P	A	P	P	P	P	P	P
35	20MT5A0312	ETCHERLA AKHIL	P	P	P	P	P	P	P	P	A	P
36	20MT5A0314	KALIVARAPU UDAY KIRAN	P	P	P	P	P	P	P	P	P	P
37	20MT5A0315	KAMBAKAYA KARTHEEK	P	P	P	P	P	P	P	P	P	P
38	20MT5A0320	PEDDAKOTA DURGA PRASAD	P	P	P	P	P	P	P	P	P	P
39	20MT5A0321	POLAKI RAKESH BABU	P	A	P	P	P	P	P	P	P	P
40	20MT5A0322	PONNADA SUDHEER	P	P	P	P	P	P	P	P	P	P
41	20MT5A0324	PUTTA KOMALARAO	P	P	P	P	A	P	A	P	P	P
42	20MT5A0325	RAGHUPATRUNI NAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P
43	20MT5A0326	SIMMA VINAY	P	P	P	P	P	P	P	P	P	P
44	20MT5A0327	TIRUPATI SAI RAJESH	P	P	P	A	P	P	P	P	P	P

45	20MT5A0329	UPPADA BHASKARA SAI	A	P	P	P	P	P	P	P	P	P
46	20MT5A0330	VAMARAVALLI SIVAKUMAR	P	A	P	P	P	P	P	A	P	P

  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)





**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 22.02.2023

**PROGRAM REPORT**

NAME OF THE PROGRAM : A Two week certificate Program on “ **DRONE  
TECHNOLOGY** ”

DATE : 06.02.2023 To 17.02.2023

RESOURCE PERSONS : **1. Mr.K.PREMA KUMAR**  
Associate Professor,  
SSCE, CHILAKAPALEM, SRIKAKULAM  
MOB:-9849475315  
EMAIL:-prema.tlc@gmail.com

**2. Mr.K.KAMALAKAR**  
Assistant Professor  
BITS, VISAKHAPATNAM-48  
MOB:-9951743031  
EMAIL:-kamalakarkasimahanti@gmail.com

COORDINATOR : Mr. G.HAREESH ,Asst. Professor  
Department of ME , SVCET.  
MOB:-8464962205  
EMAIL:-harihappy123@gmail.com

NUMBER OF THE STUDENTS ATTENDED : 46

VENUE : BLOCK – A : SEMINAR HALL & DRAWING HALL.



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

## Program Objectives:

- To familiarize students with drone technology,
- To familiarize drone applications.
- To familiarize drones impact on various industries.
- To prepare students for opportunities in the growing field of drones and unmanned aerial vehicles.

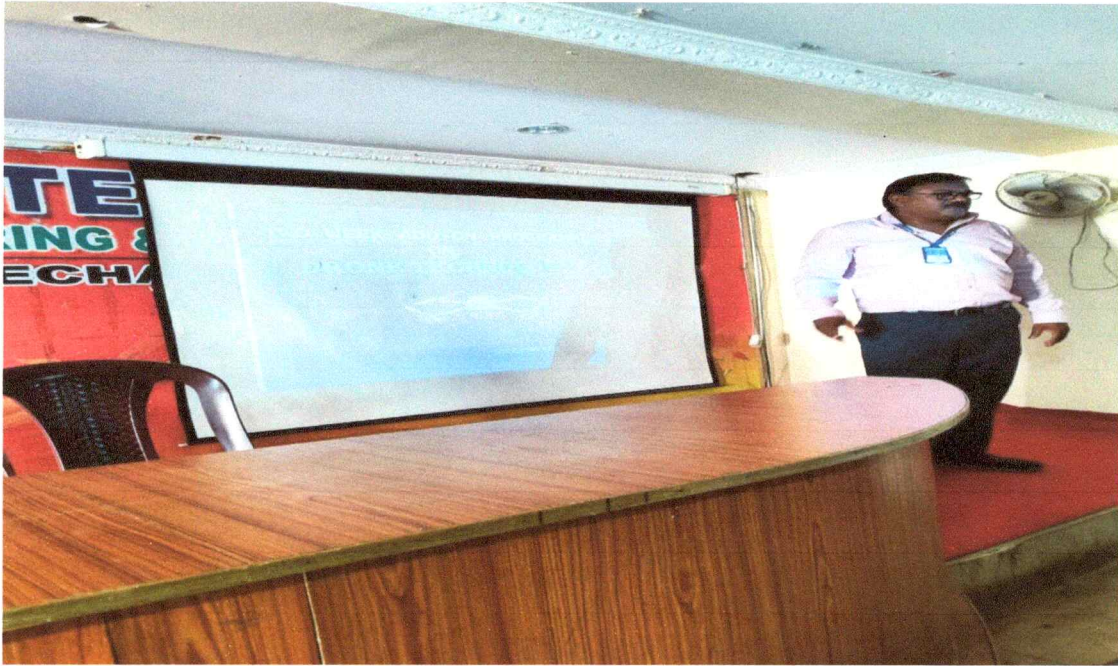
## Learning Outcomes:

Upon completion of this course the student will be able to:

- Recognize the significance of drone technology in a variety of applications.
- Explore Drone Design and Construction.
- Understand Drone Flight Principles
- Adhere to Drone Safety and Regulations
- Examine Drone Imaging and Sensing
- Analyze Drone Applications
- Gain insights into career opportunities and advancements in the drone industry.



Resource Person:



This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource person and participants for making the program Successful.

  
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HOD

  
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SRI VENKATESWARA COLLEGES  
SRIRAKULAM

# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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(Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram)

Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

## CERTIFICATE

of participation

WE ARE PROUDLY PRESENT THIS TO

E. Akhil

Has participated in A Two week certificate Programme on “**DRONE TECHNOLOGY**” , Organised by Department of Mechanical Engineering , Sri Venkateswara College of Engineering and Technology, Etcherla, srikakulam.

From 06.02.2023 To 17.02.2023

B.H.S

HOD

[Signature]

PRINCIPAL  
PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 27.06.2022

## CIRCULAR

It is hereby informed to all the IV, III year B.Tech MECH and M.Tech(MECH) students, that the Department of Mechanical Engineering is conducting **A Two week certificate Program on "ELECTRIC CARS"** from 04.07.2022 To 15.07.2022. The students shall register their name with coordinator on or before 01.07.2022.

**VENUE:** Seminar Hall Block – A, SVCET.

**Co-ordinator:** Mr. M.Ravi kiran,  
Asst.Professor, Department of Mechanical Engineering.  
Contact No:9652180935  
E\_Mail:harihappyl23@gmail.com


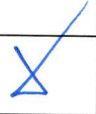








  
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HOD

  
PRINCIPAL

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

Copy Submitted to: Honorable Management for favor of Information

Department	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	NB	FILE
Signature									14			



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693, email: principal\_svcret@yahoo.com, website: www.svcet.info

## A Two Week Add-On Program on ELECTRIC CARS 04.07.2022 To 15.07.2022 Program Schedule

Academic Year:2022-23

S.No	Date	Topics to be Covered	Name of The Resource Person
1	04.07.2022	Introduce the fundamental concepts, principles, analysis and design of electric vehicles	P.USHA RANI Asst.Professor, EEE Dept, SVCET, Etcherla
2	05.07.2022	Review of batteries, fuel cells, flywheels	P.USHA RANI Asst.Professor, EEE Dept, SVCET, Etcherla
3	06.07.2022	Modelling and analysis of EV/HEV drive train	P.USHA RANI Asst.Professor, EEE Dept, SVCET, Etcherla
4	07.07.2022	design of traction power electronics	P.USHA RANI Asst.Professor, EEE Dept, SVCET, Etcherla
5	08.07.2022	AC and DC Motor drives in electric vehicles	P.USHA RANI Asst.Professor, EEE Dept, SVCET, Etcherla
6	11.07.2022	Analzyetraction power electronics	Mr.K.KAMALAKAR Assistant Professor,BITS-VIZAG
7	12.07.2022	Requirements for EV/HEV various electric drive-train topologies	Mr.K.KAMALAKAR Assistant Professor,BITS-VIZAG
8	13.07.2022	ultra capacitors as energy sources	Mr.K.KAMALAKAR Assistant Professor,BITS-VIZAG
9	14.07.2022	Electric vehicle energy management strategies	Mr.K.KAMALAKAR Assistant Professor,BITS-VIZAG
10	15.07.2022	Future scope and advancements	Mr.K.KAMALAKAR Assistant Professor,BITS-VIZAG

  
COORDINATOR

  
IQAC COORDINATOR

  
PRINCIPAL

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



### ABOUT THE PROGRAM

A two-week certificate program on “**Electric Cars**” typically aims to provide participants with a comprehensive understanding on Future Scope Of Electric Vehicles, Modeling and analysis. Familiar with Electric vehicle energy management strategies

### Objective :

Introduce the fundamental concepts, principles, analysis and design of electric vehicles.  
Review of batteries, fuel cells, flywheels and ultra capacitors as energy sources  
Modeling and analysis of EV/HEV drive train design of traction power electronics

### Expected Outcome:

upon completion of this course the student will be able to:

Understand Requirements for EV/HEV various electric drive-train topologies.  
Describe present AC and DC Motor drives in electric vehicles.  
Analyze traction power electronics  
Familiar with Electric vehicle energy management strategies

### CHIEF PATRON

Dr. B. Srirama Murthy  
Secretary, VES

### PATRON

Dr .S.C.V. Ramana Murty Naidu  
Principal, SVCET

### ORGANIZING COMMITTEE

Mr. L.Mohan Rao, Asst. Professor  
Mr. .B. Sudhakar, Asst. Professor  
Mr. G. Hareesh, Asst. Professor

### COORDINATOR:

Mr. M. Ravi Kiran  
Asst. Professor ,  
Department of Mechanical Engineering,  
Sri Venkateswara College Of Engineering, Etcherla.  
Contact No: 9493761887  
E\_Mail:mechhod.svcet@gmail.com

### HEAD OF THE DEPARTMENT

Dr. N. Mahesh Kumar  
Assoc. Professor & HOD  
Mechanical Engineering Department  
Cell:7989983686

A Two Week Certificate Program

on  
“ **ELECTRIC CARS** ”  
From  
04.07.2022 to 15.07.2022



Organized by:

DEPARTMENT OF  
MECHANICAL ENGINEERING

SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY  
(Affiliated to JNTUG-Vizianagaram & Approved by AICTE-  
New Delhi)

Etcherla, Srikakulam, Andhra Pradesh- 532410  
Phone: +91-9494011444

[www.svcet.info](http://www.svcet.info)

### ABOUT SVCET:

Established in the year 2008 by Vikas Educational Society- the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

### ABOUT THE DEPARTMENT:

Mechanical Engineering is a field that utilizes science, technology, and problem-solving skills to design, construct, and maintain products. It is a challenging yet fascinating and fulfilling area of study. Founded in 2008, the Department of Mechanical Engineering aims to deliver high-quality technical education in Mechanical Engineering with an initial intake of 120 students. Affiliated with Jawaharlal Nehru Technological University, Kakinada and approved by AICTE, the department offers various courses that students from other departments can choose as electives. The curriculum is designed to elevate the college to the standards of advanced institutions. The department is dedicated to enhancing Industry-Institute Interaction in academics and research, as well as developing infrastructure to meet industry requirements.

### DEPARTMENT VISION:

Emerge as a Center of pre-eminence in Mechanical Engineering Education, Research and Services.

### DEPARTMENT MISSION:

- To produce graduates with scientific and technical knowledge and excellent mechanical engineering skills for professional practice, employment, advanced study and research.
- To introduce professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable graduates.

### RESOURCE PERSONS:

- **P. Usha Rani**, Asst. Professor, EEE Dept.  
Sri Venkateswara College Of Engineering & Technology,  
Etcherla.  
Contact No: 9951743031  
E\_Mail: usharani.p112@gmail.com
- **Mr. K. Kamalakar**, Asst. Professor  
Baba Institute of Technology & Sciences,  
Visakhapatnam.  
Contact No: -9951743031  
E\_Mail: -kamalakarkasimahanti@gmail.com

### **A Two week certificate Program**

on

**“ ELECTRIC CARS ”**

From

**04.07.2022 to 15.07.2022**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: A Two week certificate Program on "ELECTRIC CARS "

Academic Year: 2022-23

Date: 05.07.2022

Department: MECH

## LIST OF ENROLLED STUDENTS

S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	20MT1A0304	GUDA NAGESWARA RAO	III-I	G. Nageswara Rao
2	20MT1A0306	KONDRI MOHANA RAO	III-I	K. Mohana Rao
3	20MT1A0308	PEDDINTI NAVEEN	III-I	P. Naveen.
4	20MT1A0309	SAVARA CHARAN	III-I	S. Charan
5	20MT1A0310	SAVARA NAVEEN KUMAR	III-I	S. Naveen
6	20MT1A0311	SAVARA RAJA	III-I	S. RAJA
7	20MT1A0315	GHULAM JILANI	III-I	G. Jilani
8	20MT1A0321	SWAYAM PRAKASH SINGH	III-I	S.P. Singh
9	20MT1A0322	ASHUTOSH KUMAR JHA	III-I	A. Manjhi
10	20MT1A0323	RAKESH MANJHI	III-I	R. Manjhi
11	20MT1A0328	ERSHAD ALAM	III-I	E. Alam
12	21MT5A0301	AMBATI YUGANDHAR	III-I	A. Yugandhar
13	21MT5A0302	ANNEPU HEMANTH KUMAR	III-I	A. Hemanth Kumar
14	21MT5A0303	BAGGU RAJU	III-I	B. Raju
15	21MT5A0304	BAI DIVAKAR	III-I	B. Divakar
16	21MT5A0305	BANNA SHANMUKHARAO	III-I	B. Shanmukharao
17	21MT5A0307	BARLI DURGA PRASAD	III-I	B. Durgaprasad
18	21MT5A0308	BATNA MANOJ KUMAR	III-I	Batna Manoj Kumar
19	21MT5A0309	BEHARA AVINASH	III-I	B. Avinash
20	21MT5A0311	CHIDIPOTHU SEETHARAM	III-I	C. Seetharam
21	21MT5A0312	CHINTADA GIRIDHAR	III-I	Ch. Giridhar
22	21MT5A0313	DASARINKI SATEESH	III-I	D. Sateesh
23	21MT5A0315	DUPPALA SRINIVASARAO	III-I	D. Srinivasarao
24	21MT5A0316	GANGU MAHESH	III-I	G. Mahesh
25	21MT5A0317	GANGU SAI SIVA	III-I	G. Saibaba
26	21MT5A0318	GUJJA MOHANKUMAR	III-I	G. Mohankumar
27	21MT5A0319	IPPILI NARENDRA	III-I	I. Narendran
28	21MT5A0320	JADA SHANMUKHA RAO	III-I	J. Shanmukharao
29	21MT5A0321	JALLU LOKESH	III-I	J. Lokesh
30	21MT5A0322	JAMI KAMARAJU	III-I	J. Kamaraju
31	21MT5A0323	KAMUJU SANTOSH	III-I	K. Santosh
32	21MT5A0324	KANCHARAPU SHANMUKHA RAJU	III-I	K. Shan Mukha Raju
33	21MT5A0325	KOLLI RAVIKUMAR	III-I	K. Ravikumar
34	21MT5A0327	KOYYANA JASWANTHKUMAR	III-I	K. Jaswanth

35	21MT5A0328	LADE MANOJ	III-I	L. Manoj
36	21MT5A0329	LANKA BHASKARA RAO	III-I	L. Bhaskara Rao
37	21MT5A0332	MAMIDI YOGESWARA RAO	III-I	M. Yogeswara Rao
38	21MT5A0333	MANGI BHARATH KUMAR	III-I	M. Bharath Kumar
39	21MT5A0336	MELIPAKA SRINU	III-I	M. Srinu
40	21MT5A0337	MUKALLA TARUN	III-I	M. Tarun
41	21MT5A0338	NALLI VIJAY	III-I	N. Vijay
42	21MT5A0339	NETINTI KRISHNA	III-I	N. Krishna
43	21MT5A0340	PALINA RAMAKRISHNA	III-I	P. Ramakrishna
44	21MT5A0341	PATRAPALLI RAGHAVENDRA RAO	III-I	P. Raghavendra Rao
45	21MT5A0342	PINNINTI VAMSI	III-I	P. Vamsi
46	21MT5A0343	PUDI RAJA	III-I	P. Raja
47	21MT5A0344	RELLA SEETHARAM	III-I	R. Seetharam
48	21MT5A0345	SADU SAI MANIKANTA	III-I	S. Saithaman
49	21MT5A0346	SANAPALA SRIDHAR	III-I	S. Sridhar
50	21MT5A0348	SHIBAJI GOUDA	III-I	S. Gouda
51	21MT5A0349	SIGILIPALLI NARENDRA	III-I	S. Narendra
52	21MT5A0350	SILLA MANIKANTA	III-I	S. Manikanta
53	21MT5A0352	TIRLANGI HARIPRASAD	III-I	T. Hariprasad
54	21MT5A0354	V GOVINDHA	III-I	V. Govindha
55	21MT5A0355	VADA SAICHARAN	III-I	V. Saicharan
56	21MT5A0356	VARANASI JAYARAM	III-I	V. Jayaram
57	21MT5A0359	YALAMANCHI VASU	III-I	Y. Vasu

M. Praveen  
COORDINATOR

Jam  
IQAC COORDINATOR

Hrud  
HOD

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 22.07.2022

## PROGRAM REPORT

NAME OF THE PROGRAM : A Two week certificate Program on “ **ELECTRIC CARS** ”

PROGRAM DURATION : 04/07/2022 to 15/07/2022

RESOURCE PERSONS : **1. P.USHA RANI**  
Asst.Professor, EEE Dept,  
Sri Venkateswara College Of Engineering&Technology,Etcherla  
E\_MAIL:-usharani.p112@gmail.com  
Contact Number: 8639041627

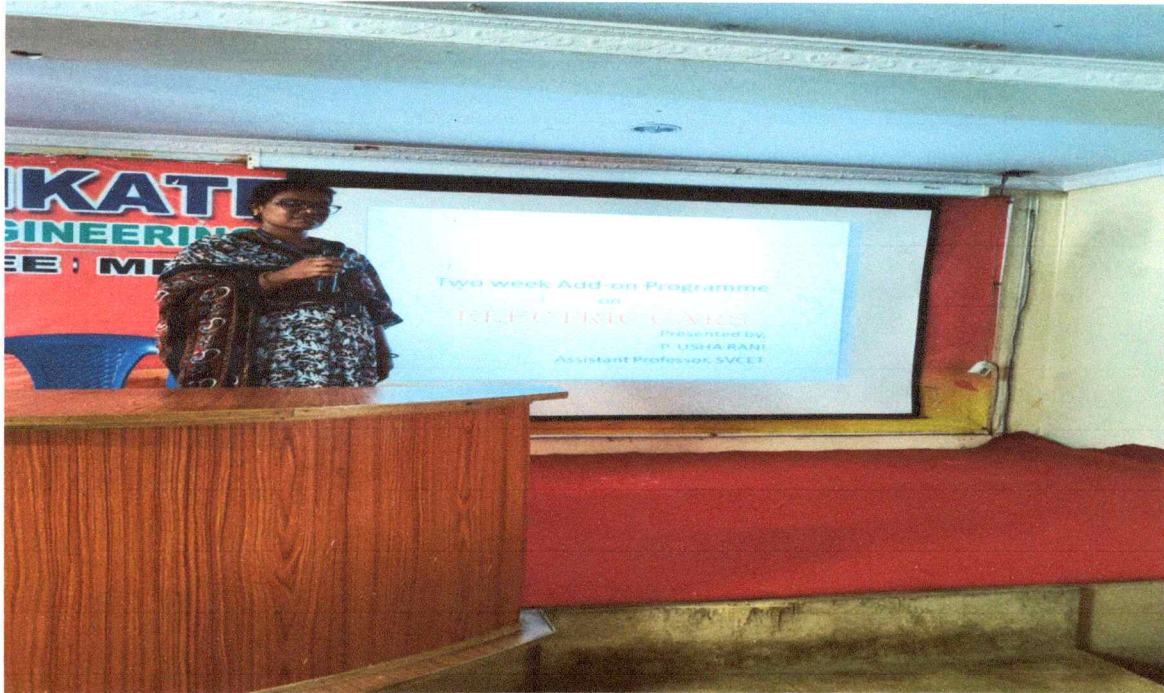
**2. Mr.K.KAMALAKAR**  
Assistant Professor  
BITS,VISAKHAPATNAM-48  
MOB:-9951743031  
E\_MAIL:-kamalakarkasimahanti@gmail.com

PROGRAM COORDINATOR : **Mr.M.Ravi kiran** ,M.Tech  
Assistant professor  
Dept of ME,SVCET.  
Contact Number:9652180935  
E\_MAIL:mehhod.svceti@gmail.com

NUMBER OF STUDENTS ATTENDED : 57

PROGRAM VENUE : Seminar hall, SVCET, Block-A

## Resource Person:



## **Program Objectives:**

- Introduce the fundamental concepts, principles,
- Analysis and design of electric vehicles.
- Review of batteries, fuel cells, flywheels and ultra capacitors as energy sources
- Modeling and analysis of EV/HEV drive train
- design of traction power electronics



## Learning Outcomes:

Upon completion of this course the student will be able to:

- Understand Requirements for EV/HEV various electric drive-train topologies.
- Describe present AC and DC Motor drives in electric vehicles.
- Analyze traction power electronics
- Familiar with Electric vehicle energy management strategies

This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource person and participants for making the programme Successful.



**IQAC COORDINATOR**



**HOD**



**PRINCIPAL**



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

**Name of The Program: A Two week certificate Program on "ELECTRIC CARS "**

**Academic Year : 2022-23**

**Department: MEC**

## DAY-WISE ATTENDANCE SHEET

S.No	Regd.No	Name of the Student	04-Jul	05-Jul	06-Jul	07-Jul	08-Jul	11-Jul	12-Jul	13-Jul	14-Jul	15-Jul
1	20MT1A0304	GUDA NAGESWARA RAO	P	P	P	P	A	P	P	P	P	P
2	20MT1A0306	KONDRI MOHANA RAO	P	P	P	P	P	P	P	A	P	P
3	20MT1A0308	PEDDINTI NAVEEN	P	P	P	P	P	P	P	P	P	P
4	20MT1A0309	SAVARA CHARAN	P	P	P	P	P	P	P	P	A	P
5	20MT1A0310	SAVARA NAVEEN KUMAR	P	P	P	A	P	P	P	P	P	P
6	20MT1A0311	SAVARA RAJA	P	P	P	A	P	P	P	P	P	P
7	20MT1A0315	GHULAM JILANI	P	P	P	P	P	P	P	P	A	P
8	20MT1A0321	SWAYAM PRAKASH SINGH	P	P	P	P	P	A	P	A	P	P
9	20MT1A0322	ASHUTOSH KUMAR JHA	A	P	P	P	P	P	P	P	P	P
10	20MT1A0323	RAKESH MANJIHI	P	P	P	P	P	P	P	P	P	P
11	20MT1A0328	ERSHAD ALAM	P	P	P		P	P	A	P	P	P
12	21MT5A0301	AMBATI YUGANDHAR	P	A	P	P	P	P	P	P	P	A
13	21MT5A0302	A HEMANTH KUMAR	P	P	P	P	A	P	P	A	P	P
14	21MT5A0303	BAGGU RAJU	P	P	A	P	P	P	P	P	P	P
15	21MT5A0304	BAI DIVAKAR	P	P	P	P	P	P	P	P	P	A
16	21MT5A0305	BANNA SHANMUKHARAO	A	P	P	P	P	P	P	P	A	P
17	21MT5A0307	BARLI DURGA PRASAD	P	P	P	P	P	P	P	P	P	P
18	21MT5A0308	BATNA MANOJ KUMAR	P	P	P	P	P	A	P	P	P	P
19	21MT5A0309	BEHARA AVINASH	P	P	P	P	P	P	P	P	P	A
20	21MT5A0311	CHIDIPOTHU SEETHARAM	P	P	A	P	P	P	P	P	P	P
21	21MT5A0312	CHINTADA GIRIDHAR	P	A	P	P	A	P	P	P	P	P
22	21MT5A0313	DASARINKI SATEESH	P	P	P	P	P	A	P	P	P	P



23	21MT5A0315	DUPPALA SRINIVASARAO	P	A	P	P	P	P	P	P	P	A
24	21MT5A0316	GANGU MAHESH	P	P	P	P	P	A	P	P	P	P
25	21MT5A0317	GANGU SAI SIVA	P	P	P	P	P	P	A	P	P	P
26	21MT5A0318	GUJJA MOHANKUMAR	P	P	P	P	P	P	P	A	P	P
27	21MT5A0319	IPPILI NARENDRA	A	P	P	P	P	P	P	P	P	P
28	21MT5A0320	JADA SHANMUKHA RAO	P	P	P	P	P	P	A	P	P	P
29	21MT5A0321	JALLU LOKESH	P	P	P	A	P	P	P	P	P	P
30	21MT5A0322	JAMI KAMARAJU	P	P	P	P	P	P	P	P	P	A
31	21MT5A0323	KAMUJU SANTOSH	P	P	P	P	A	P	P	P	P	P
32	21MT5A0324	K SHANMUKHA RAJU	P	P	P	P	P	P	P	P	A	P
33	21MT5A0325	KOLLI RAVIKUMAR	P	A	P	P	P	P	P	P	P	P
34	21MT5A0327	K.JASWANTHKUMA R	P	P	P	A	P	P	P	P	P	P
35	21MT5A0328	LADE MANOJ	A	P	P	P	P	P	P	P	P	P
36	21MT5A0329	LANKA BHASKARA RAO	P	P	P	P	P	P	P	P	P	P
37	21MT5A0332	MAMIDI YOGESWARA RAO	P	P	P	P	P	P	P	P	P	P
38	21MT5A0333	MANGI BHARATH KUMAR	P	P	P	P	A	A	P	P	P	P
39	21MT5A0336	MELIPAKA SRINU	P	P	P	P	P	P	P	P	P	P
40	21MT5A0337	MUKALLA TARUN	P	P	P	P	P	P	P	A	P	P
41	21MT5A0338	NALLI VIJAY	P	P	A	P	P	P	P	P	P	P
42	21MT5A0339	NETINTI KRISHNA	P	P	P	A	P	P	P	P	P	P
43	21MT5A0340	PALINA RAMAKRISHNA	P	P	P	P	P	A	P	P	P	P
44	21MT5A0341	P RAGHAVENDRA RAO	A	P	P	P	P	P	P	P	P	P
45	21MT5A0342	PINNINTI VAMSI	P	P	A	P	P	P	P	P	P	P
46	21MT5A0343	PUDI RAJA	P	P	P	P	P	P	A	P	P	P
47	21MT5A0344	RELLA SEETHARAM	P	P	P	P	A	P	P	P	P	P
48	21MT5A0345	SADU SAI MANIKANTA	P	P	P	P	P	P	P	P	A	P
49	21MT5A0346	SANAPALA SRIDHAR	A	P	P	P	P	P	P	P	P	P
50	21MT5A0348	SHIBAJI GOUDA	P	P	A	P	P	P	P	P	P	P
51	21MT5A0349	SIGILIPALLI NARENDRA	P	P	P	A	P	P	P	P	P	P

52	21MT5A0350	SILLA MANIKANTA	P	A	P	P	P	P	P	P	P	A
53	21MT5A0352	TIRLANGI HARIPRASAD	P	P	P	P	P	P	A	P	P	P
54	21MT5A0354	V GOVINDHA	P	P	P	P	A	P	P	P	P	P
55	21MT5A0355	VADA SAICHARAN	P	P	P	A	P	P	P	P	P	P
56	21MT5A0356	VARANASI JAYARAM	P	P	P	P	P	P	P	P	A	P
57	21MT5A0359	YALAMANCHI VASU	P	P	P	P	P	P	P	A	P	P

*M. Ankit*  
COORDINATOR

*Hem*  
HOD

*Sms*  
IQAC CO-ORDINATOR

*[Signature]*  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





SRI VENKATESWARA COLLEGES  
SRIRAKULAM

# COLLEGE OF ENGINEERING & TECHNOLOGY

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(Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram)

Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

## CERTIFICATION OF PARTICIPATION

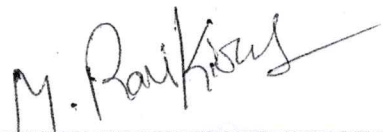
THIS AWARDED TO CERTIFY THAT



P. RAJA

Has participated in A Two week certificate Programme on “ELECTRIC CARS ”  
Organised by Department of Mechanical Engineering , Sri Venkateswara College of  
Engineering and Technology, Etcherla, srikakulam.

From 04.07.2022 to 15.07.2022



CO ORDINATOR



HOD



PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)







**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

**Name of the Program: A Two week certificate program on  
"FPGA BASED IMAGE RECOGNITION USING MATLAB"**

	10:30AM-12:30PM	12:45-2:00	02:30PM-04:30PM
	<b>Session-1</b>		<b>Session-2</b>
Day 1	Inauguration at 10am. TRENDS IN IMAGE PROCESSING	Lunch	Introduction to Image Processing
	<b>Session-3</b>		<b>Session-4</b>
Day 2	FPGA Architecture and Programming	Lunch	Hands on Experience: MATLAB
	<b>Session-5</b>		<b>Session-6</b>
Day 3	Image Filtering and Enhancement	Lunch	Hands on Experience: MATLAB
	<b>Session-7</b>		<b>Session-8</b>
Day 4	Edge Detection and Feature Extraction	Lunch	Hands on Experience: MATLAB
	<b>Session-9</b>		<b>Session-10</b>
Day 5	Introduction to FPGA-based image recognition	Lunch	Hands on Experience: MATLAB
	<b>Session-11</b>		<b>Session-12</b>
Day 6	Basics of FPGA programming for image processing	Lunch	Hands on Experience: MATLAB
	<b>Session-13</b>		<b>Session-14</b>
Day 7	FPGA Implementation of Image Processing Algorithms	Lunch	Hands on Experience: MATLAB
	<b>Session-15</b>		<b>Session-16</b>
Day 8	Overview of MATLAB for image processing	Lunch	Hands on Experience: MATLAB
	<b>Session-17</b>		<b>Session-18</b>
Day 9	Optimization techniques for FPGA-based image recognition algorithms	Lunch	Hands on Experience: MATLAB
	<b>Session-19</b>		<b>Session-20</b>
Day 10	Implementation of image processing algorithms on FPGA	Lunch	Online quiz and feedback

COORDINATOR

HOD

IQAC

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

A Two week certificate Program on

**“FPGA BASED IMAGE RECOGNITION USING MATLAB”**

20/02/2023 – 03/03/2023


Program Schedule

Academic Year: 2022-23

S.No	DATE	TOPIC	Name of The Resource Person
1	20-02-2023	Trends in image processing	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
2	21-02-2023	FPGA Architecture and Programming	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
3	22-02-2023	Image Filtering and Enhancement	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
4	23-02-2023	Edge Detection and Feature Extraction	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
5	24-02-2023	Introduction to FPGA-based image recognition	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
6	27-02-2023	Basics of FPGA programming for image processing	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
7	28-02-2023	FPGA Implementation of Image Processing Algorithms	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
8	01-03-2023	Overview of MATLAB for image processing	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
9	02-03-2023	Optimization techniques for FPGA-based image recognition algorithms	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla
10	03-03-2023	Implementation of image processing algorithms on FPGA	Mr. T Chandra Gupta, Asst.Prof, ECE SVCET-Etcherla

  
COORDINATOR

  
IQAC COORDINATOR

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



### ABOUT THE PROGRAM

Program that integrates the capabilities of FPGAs (Field-Programmable Gate Arrays) with MATLAB to create efficient and high-performance image recognition systems and also focuses on implementing image recognition algorithms on FPGA hardware, leveraging MATLAB for development and simulation.

#### **Objective :**

The course can provide students with a solid foundation in both image processing and FPGA implementation, along with practical experience in integrating MATLAB with FPGA for real-world image recognition applications

#### **Expected Outcomes:**

All the students who have participated in a two week workshop on **“FPGA BASED IMAGE RECOGNITION USING MATLAB”** have felt free and realized the importance of research and very much enthusiastic to get them absorbed in research after completion of their studies.

### CHIEF PATRON

Dr. B.Sri Rama Murthy  
Correspondent

### PATRON

Dr. S.C.V.Ramana Murty Naidu  
Principal, SVCET

### CO-ORDINATOR

#### **D.TIRUMAL RAO**

Head, Dept. of ECE  
Cell: 9392179070  
Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)



### A Two Week Certificate Program on

## **“FPGA BASED IMAGE RECOGNITION USING MATLAB”**

**20/02/2023 To 03/03/2023**



Organized by:

**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION  
ENGINEERING**

### **SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE-New Delhi & Affiliated to  
JNTUG-Vizianagaram )

Etcherla, Srikakulam, Andhra Pradesh- 532410

Phone: +91- 9494011444

**[www.svcet.info](http://www.svcet.info)**

### ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering & Technology, Etcherla was established in 2008 by **Vikas Educational Society** with an avowed Objective of accelerating the growth of science and technology in this industrially backward Srikakulam district. The Institution aims at providing state-of-the- art technology to the student community to broaden their horizon for a better and prospective tomorrow in their own interest and also in interest of the society at large. We have extensive record in the field of education. The institution is endowed with highly qualified and seasoned faculty on its rolls.

### ABOUT THE DEPARTMENT

The Electronics & communication Engineering Department of SVCET was established in 2014. The department is currently offering UG Program B.Tech in ECE and PG Program M.Tech in VLSI Design Engineering. The Electronics & communication Engineering Department has the state of art infrastructure with well equipped labs, software and computer center spread in an area of 500 Sq.m. They are supported by experienced and qualified faculty

### DEPARTMENT VISION

- Emerge as a Center of pre-eminence in Electronics and Communication Engineering education, research and services.

### DEPARTMENT MISSION

- To produce graduates with scientific and technical knowledge and excellent electronics and communication engineering skills for professional practice, employment, advanced study and research.
- To inculcate professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable.

### HEAD OF THE DEPARTMENTS:

#### **D.TIRUMAL RAO**

Head, Dept. of ECE

Cell: 9392179070

Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)

### ORGANIZING COMMITTEE:

P. Mohan Krishna, Asst.Prof

V. Suryakala, Asst.Prof

P. Revathi, Asst.Prof

A.Uday Kumar, Asst.Prof

K. Srinivas, Asst.Prof

### Resource Persons:

Mr. T Chandra Gupta,  
Assistant Professor,  
Department of ECE,  
SVCET-Etcherla

### REGISTRATION FORM

#### A Two Week Certificate Program on

#### **“FPGA BASED IMAGE RECOGNITION USING MATLAB”**

**20/02/2023 to 03/03/2023**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year &Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: A Two week certificate program on "FPGA BASED IMAGE RECOGNITION  
USING MATLAB"

Academic Year : 2022-23

Date: 18.02.2023

Department: ECE

## LIST OF ENROLLED STUDENTS

S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0401	ARANGI SURESH	IV-I	A. Suresh
2	19MT1A0402	BANALA DHANALAKSHMI	IV-I	B. Dhanalakshmi
3	19MT1A0404	BEVARA NAGAMANI	IV-I	B. Prameelaarani
4	19MT1A0405	BONELA PRAMEELA RANI	IV-I	B. Nagamani
5	19MT1A0407	BURADA SAI SEETHA RAM MOHAN	IV-I	B. SSR Mohan
6	19MT1A0408	CHENCHALA DINESH	IV-I	C. Dinesh
7	19MT1A0410	DANETI SWATHI	IV-I	D. Swathi
8	19MT1A0411	DEVARASETTI TANUJA	IV-I	D. Tanuja
9	19MT1A0412	DOLA ASHA RAJU	IV-I	D. Asha Raju
10	19MT1A0413	DOLA PRASANTHI KUMARI	IV-I	D. Prasanthi
11	19MT1A0418	GURUGUBELLI BALA KRISHNA RAO	IV-I	G. Krishna
12	19MT1A0419	ILLIPOTHI SAI MOHAN	IV-I	I. Sai Mohan
13	19MT1A0420	JEEVAN SHREE PANIGRAHI	IV-I	Jeevan shree P.
14	19MT1A0421	KONCHADA YOGESWARI	IV-I	K. Yogeswari
15	19MT1A0423	MAMIDI LAVANYA	IV-I	M. Lavanya
16	19MT1A0425	NAIKO NAVEEN	IV-I	N. Naveen
17	19MT1A0426	PARIGA BAIRAGI	IV-I	P. Bairagi
18	19MT1A0428	POLIPALLI YASHASWANI	IV-I	P. Yashaswani
19	19MT1A0429	PONNADA YUVARAJU	IV-I	P. YUVARAJU
20	19MT1A0430	POTNURU PRIYANKA	IV-I	P. Priyanka
21	19MT1A0433	SATHIVADA SAI BHAVANIK	IV-I	P. PRIYANKA
22	19MT1A0434	SEEMALA SANDEEP	IV-I	S. Sandeep
23	19MT1A0439	YALLA PRASAD	IV-I	Y. Prasad
24	19MT1A0440	YALLA SYAM KUMAR	IV-I	Y. Syam Kumar
25	19MT1A0441	SACHIN KUMAR MANDAL	IV-I	Sachin Kumar Mandal
26	19MT1A0442	RAHUL KUMAR	IV-I	RAHUL KUMAR
27	20MT5A0404	PAILA RANI	IV-I	P. Rani

COORDINATOR

IQAC

HOD

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of The Program: A Two week certificate Program on "FPGA BASED IMAGE RECOGNITION USING  
MATLAB"

Academic Year : 2022-23

Department: ECE

### DAY-WISE ATTENDANCE SHEET

S.No	Regd.No	Name of the Student	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar
1	19MT1A0401	ARANGI SURESH	P	P	P	P	P	P	A	P	P	P
2	19MT1A0402	BANALA DHANALAKSHMI	P	P	P	A	P	P	P	P	A	P
3	19MT1A0404	BEVARA NAGAMANI	P	P	P	P	P	A	P	P	P	A
4	19MT1A0405	BONELA PRAMEELA RANI	P	P	P	P	P	P	P	P	A	P
5	19MT1A0407	BURADA SAI SEETHA RAM MOHAN	P	P	P	P	P	P	P	P	P	A
6	19MT1A0408	CHENCHALA DINESH	P	P	P	A	P	P	P	A	P	P
7	19MT1A0410	DANETI SWATHI	P	A	A	P	P	P	P	P	P	A
8	19MT1A0411	DEVARASETTI TANUJA	P	P	P	P	P	P	A	P	P	P
9	19MT1A0412	DOLA ASHA RAJU	P	A	P	P	P	P	P	P	A	P
10	19MT1A0413	DOLA PRASANTHI KUMARI	P	P	P	P	P	P	P	A	P	P
11	19MT1A0418	GURUGUBELLI BALA KRISHNA RAO	P	P	A	P	P	P	A	P	P	P
12	19MT1A0419	ILLIPOTHI SAI MOHAN	P	P	P	A	P	P	P	A	P	P
13	19MT1A0420	JEEVAN SHREE PANIGRAHI	P	P	P	P	A	P	P	P	P	P
14	19MT1A0421	KONCHADA YOGESWARI	P	A	P	P	P	P	P	P	P	A
15	19MT1A0423	MAMIDI LAVANYA	P	A	P	A	P	P	P	P	P	P
16	19MT1A0425	NAIKO NAVEEN	P	P	P	P	P	P	P	P	P	P
17	19MT1A0426	PARIGA BAIRAGI	P	P	P	P	P	P	P	P	P	P
18	19MT1A0428	POLIPALLI YASHASWANI	P	P	P	A	A	P	P	A	P	A
19	19MT1A0429	PONNADA YUVARAJU	P	A	P	P	P	P	P	P	P	P
20	19MT1A0430	POTNURU PRIYANKA	P	P	P	P	P	A	P	P	P	A
21	19MT1A0433	SATHIVADA SAI BHAVANIKA	P	P	P	P	P	P	A	P	P	P
22	19MT1A0434	SEEMALA SANDEEP	P	P	P	A	P	P	P	P	P	A
23	19MT1A0439	YALLA PRASAD	P	P	P	P	P	P	P	P	P	P
24	19MT1A0440	YALLA SYAM KUMAR	P	A	P	P	P	P	P	P	P	A
25	19MT1A0441	SACHIN KUMAR MANDAL	P	P	P	P	P	P	A	P	P	P
26	19MT1A0442	RAHUL KUMAR	P	P	P	P	P	P	P	P	P	P
27	20MT5A0404	PAILA RANI	P	P	P	A	P	P	P	P	P	A

*[Signature]*  
COORDINATOR

*[Signature]*  
IQAC

*[Signature]*  
HOD

*[Signature]*  
PRINCIPAL

SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY  
ETCHERLA, Srikakulam-532410 (A.P)





**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

**Date: 04/03/2023**

**PROGRAM REPORT**

**NAME OF THE EVENT : A Two week certificate Program on “FPGA BASED IMAGE  
RECOGNITION USING MATLAB”**

**DATE : 20/02/2023 to 03/03/2023**

**RESOURCE PERSON :**

**Mr. T Chandra Gupta,  
Assistant Professor,  
Department of ECE,  
SVCET-Etcherla**

**NAME OF THE CO-ORDINATOR:**

**D.TIRUMALA RAO  
HOD, Dept. of ECE  
Cell: 9392179070  
Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)**

**NUMBER OF THE STUDENTS ATTENDED: 27**

**VENUE : BLOCK – C , SEMINAR HALL & COMPUTER LAB - 4**



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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The Department of Electronics and communication engineering organized a Two Week certificate program on “**FPGA BASED IMAGE RECOGNITION USING MATLAB**” for IV B.Tech (ECE) Students. Recently, image processing have been improvised into several recognition trending techniques by using several algorithms which are discussed in this session. Totally 27 students participated in this training program and after the completion of the program the students able to understand the following objectives and learning outcomes

**Course Objectives:** The student will be able to

- Solid understanding of FPGA architecture, including logic blocks, interconnects, and configuration.
- Familiarity with image processing techniques, such as filtering, edge detection, and feature extraction, relevant to image recognition
- Mastery of MATLAB programming for image processing and FPGA design, including toolboxes such as Image Processing Toolbox and HDL Coder Ability to implement image processing algorithms on FPGA using MATLAB and HDL Coder, including optimization for hardware constraints.
- Skills to optimize image processing algorithms for FPGA implementation, considering factors such as speed, resource utilization, and power consumption.

**Course Outcomes (COs):** At the end of the course, student will be able to

1. Learning how to design, program, and implement algorithms on FPGA platforms, which can deepen your understanding of hardware-software co-design.
2. Gaining expertise in image processing algorithms and techniques, including edge detection, feature extraction, and pattern recognition, tailored for FPGA implementation.
3. Learning optimization techniques to maximize FPGA resources and performance, such as pipelining, parallelism, and memory management.
4. Developing proficiency in HDLs like Verilog or VHDL for FPGA programming, essential for translating algorithms into hardware.
5. Developing applications or solutions that leverage FPGA-based image recognition, which can range from robotics and autonomous vehicles to medical imaging and security systems.
6. Learning how to troubleshoot and debug FPGA designs, which is crucial for ensuring the correctness and reliability of the system.





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693 . email: principal\_svcet@yahoo.com, website: www.svcet.info

## Resource Person Picture:



This certificate course was very useful to students and their feedback is positive. The Management and Dr.S.C.V. Ramana Murthy Naidu , Principal of Sri Venkatewara College of Engineering and Technology, thanked the resource person and participants for making the programme Successful.

**IQAC COORDINATOR**

**PRINCIPAL**

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that ARANGI. SURESH (19MT1A0401) from  
IV-II ECE has participated in A Two week certificate Program on  
"FPGA BASED IMAGE RECOGNITION USING MATLAB" organized by Department of Electronics and  
Communication Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam from 20<sup>th</sup>  
Feb 2023 to 3<sup>rd</sup> March 2023.

Sri. D. Tirumala Rao  
HoD,ECE

Dr.S.C.V.Ramana Murthy  
Principal





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 07/07/2022

## CIRCULAR

It is hereby informed to all the final year B.Tech ECE students that the Department of ECE is conducting A Two week certificate Program on "RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB" From 18/07/2022 to 29/07/2022. The students shall register their name with coordinator on or before 15/07/2022

**Coordinator:**

**D.TIRUMALA RAO**

Associate Professor & Head,

Dept.of ECE.

Cell: 9392179070













Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)

  
COORDINATOR

  
HOD

  
PRINCIPAL  
ETCHEKLA, Srinakulam-532410 (A.P)

**Copy to:** Honorable Management for favour of Information

Department	IQAC	CE	EEE	ME	ECE	CSE	AI&ML	BS&H	MBA	Office	NB	FILE
Signature												



# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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## RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB

	10:30AM-12:30PM	12:45-2:00	02:30PM-04:30PM
	<b>Session-1</b>		<b>Session-2</b>
Day 1	mauguration at 10am. Importance of Communication	Lunch	Introduction to wireless communications
	<b>Session-3</b>		<b>Session-4</b>
Day 2	5G Technology APPLICATIONS	Lunch	Hands on Experience: MATLAB
	<b>Session-5</b>		<b>Session-6</b>
Day 3	Internet of Things (IoT)	Lunch	Hands on Experience: MATLAB
	<b>Session-7</b>		<b>Session-8</b>
Day 4	Millimeter Wave Communication	Lunch	Hands on Experience: MATLAB
	<b>Session-9</b>		<b>Session-10</b>
Day 5	Massive MIMO	Lunch	Hands on Experience: MATLAB
	<b>Session-11</b>		<b>Session-12</b>
Day 6	Software-Defined Networking (SDN)	Lunch	Hands on Experience: MATLAB
	<b>Session-13</b>		<b>Session-14</b>
Day 7	Machine Learning in Wireless Communications	Lunch	Hands on Experience: MATLAB
	<b>Session-15</b>		<b>Session-16</b>
Day 8	Wireless Sensor Networks	Lunch	Hands on Experience: MATLAB
	<b>Session-17</b>		<b>Session-18</b>
Day 9	Energy Harvesting in Wireless Sensor Networks	Lunch	Hands on Experience: MATLAB
	<b>Session-19</b>		<b>Session-20</b>
Day 10	Wireless Power Transfer	Lunch	Online quiz and feedback

CO-ORDINATOR

HOD

IQAC

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
El Cherla, Srikakulam-532410 (A.P)





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A Two week certificate Program on

**“RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB”**

18/07/2022 – 29/07/2022

Program Schedule

Academic Year: 2022-23

S.No	DATE	TOPIC	Name of The Resource Person
1	18-07-2022	Introduction to wireless communications	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
2	19-07-2022	5G Technology	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
3	20-07-2022	Internet of Things (IoT)	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
4	21-07-2022	Millimeter Wave Communication	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
5	22-07-2022	Massive MIMO	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
6	25-07-2022	Software-Defined Networking (SDN)	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
7	26-07-2022	Machine Learning in Wireless Communications	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
8	27-07-2022	Wireless Sensor Networks	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
9	28-07-2022	Energy Harvesting in Wireless Sensor Networks	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala
10	29-07-2022	Wireless Power Transfer	Mr. A Sridhar Asst.Prof, ECE SGEC, Gidijala

  
COORDINATOR

  
IQAC COORDINATOR

  
PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)

### ABOUT THE PROGRAM

Focuses on the latest advancements and technologies in the field of wireless communications, with a strong emphasis on practical implementation and simulation using MATLAB. This program is designed for professionals and students aiming to stay current with emerging trends in wireless communication technologies and develop hands-on experience using MATLAB

#### **Objective :**

The course can provide students with a comprehensive understanding of recent trends and advancements in wireless communications, along with practical skills in using MATLAB for analysis, simulation, and design in this domain

#### **Expected Outcomes:**

All the students who have participated in a two week workshop on “**RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB**” have felt free and realized the importance of research and very much enthusiastic to get them absorbed in research after completion of their studies.

### CHIEF PATRON

Dr. B.Sri Rama Murthy  
Correspondent

### PATRON

Dr. S.C.V.Ramana Murty Naidu  
Principal, SVCET

### CO-ORDINATOR

**D.TIRUMAL RAO**  
Head, Dept. of ECE  
Cell: 9392179070  
Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)



### A Two Week Certificate Program on

**“RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB”**

**18-07-2022 To 29-07-2022**



Organized by:

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
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Phone: +91- 9494011444  
[www.svcet.info](http://www.svcet.info)



### ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering & Technology, Etcherla was established in 2008 by **Vikas Educational Society** with an avowed Objective of accelerating the growth of science and technology in this industrially backward Srikakulam district. The Institution aims at providing state-of-the- art technology to the student community to broaden their horizon for a better and prospective tomorrow in their own interest and also in interest of the society at large. We have extensive record in the field of education. The institution is endowed with highly qualified and seasoned faculty on its rolls.

### ABOUT THE DEPARTMENT

The Electronics & communication Engineering Department of SVCET was established in 2014. The department is currently offering UG Program B.Tech in ECE and PG Program M.Tech in VLSI Design Engineering. The Electronics & communication Engineering Department has the state of art infrastructure with well equipped labs, software and computer center spread in an area of 500 Sq.m. They are supported by experienced and qualified faculty

### DEPARTMENT VISION

- Emerge as a Center of pre-eminence in Electronics and Communication Engineering education, research and services.

### DEPARTMENT MISSION

- To produce graduates with scientific and technical knowledge and excellent electronics and communication engineering skills for professional practice, employment, advanced study and research.
- To inculcate professional and ethical values related to industry, society and environment.
- To interact with industries, to meet their requirements through employable.

### HEAD OF THE DEPARTMENTS:

#### **D. TIRUMAL RAO**

Head, Dept. of ECE

Cell: 9392179070

Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)

### ORGANIZING COMMITTEE:

P. Mohan Krishna, Asst.Prof

V. Suryakala, Asst.Prof

P. Revathi, Asst.Prof

A.Uday Kumar, Asst.Prof

K. Srinivas, Asst.Prof

### Resource Persons:

Mr. A Sridhar

Asst.Prof, ECE

SGEC, Gidijala

Contact No: 9703550747

E-Mail ID: [sridhar472@gmail.com](mailto:sridhar472@gmail.com)



### REGISTRATION FORM

#### A Two Week Certificate Program on

#### **“RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB”**

**18-07-2022 To 29-07-2022**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_



Name of the Program: A Two week certificate program on  
"RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB"

Academic Year : 2022-23

Date: 16.07.2022

Department: ECE

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0401	ARANGI SURESH	IV-I	A. Suresh
2	19MT1A0402	BANALA DHANALAKSHMI	IV-I	B. Dharmalakshmi
3	19MT1A0404	BEVARA NAGAMANI	IV-I	B. nagamani
4	19MT1A0405	BONELA PRAMEELA RANI	IV-I	B. Prameelarani
5	19MT1A0407	BURADA SAI SEETHA RAM MOHAN	IV-I	B. Sai Seetha Ram Mohan
6	19MT1A0408	CHENCHALA DINESH	IV-I	C. Dinesh
7	19MT1A0410	DANETHI SWATHI	IV-I	D. Swathi
8	19MT1A0411	DEVARASETHI TANUJA	IV-I	D. Tanuja
9	19MT1A0412	DOLA ASHA RAJU	IV-I	D. Asha Raju
10	19MT1A0413	DOLA PRASANTHI KUMARI	IV-I	D. prasanthi kumari
11	19MT1A0418	GURUGUBELLI BALA KRISHNA RAO	IV-I	G. Bala Krishna Rao
12	19MT1A0419	ILLIPOTHI SAI MOHAN	IV-I	I. Saimohan
13	19MT1A0420	JEEVAN SHREE PANIGRAHI	IV-I	Jeevan Shree Panigrahi
14	19MT1A0421	KONCHADA YOGESWARI	IV-I	K. Yogeswari
15	19MT1A0423	MAMIDI LAVANYA	IV-I	M. LAVANYA
16	19MT1A0425	NAIKO NAVEEN	IV-I	N. Naveen
17	19MT1A0426	PARIGA BAIRAGI	IV-I	P. Bairagi
18	19MT1A0428	POLIPALLI YASHASWANI	IV-I	P. YASHASWANI
19	19MT1A0429	PONNADA YUVARAJU	IV-I	P. Yuvaraju
20	19MT1A0430	POTNURU PRIYANKA	IV-I	P. Priyanka
21	19MT1A0433	SATHIVADA SAI BHAVANIKI	IV-I	S. Sai Bhavanika
22	19MT1A0434	SEEMALA SANDEEP	IV-I	S. Sandeep
23	19MT1A0439	YALLA PRASAD	IV-I	Y. PRASAD
24	19MT1A0440	YALLA SYAM KUMAR	IV-I	Y. Syam Kumar
25	19MT1A0441	SACHIN KUMAR MANDAL	IV-I	Sachin Kumar Mandal
26	19MT1A0442	RAHUL KUMAR	IV-I	Rahul Kumar
27	20MT5A0404	PAILA RANI	IV-I	P. Rani

COORDINATOR

IQAC

HOD

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Visakhapatnam-532420 (A.P.)





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 . email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of The Program: A Two week certificate Program on "RECENT TRENDS IN WIRELESS  
COMMUNICATIONS USING MATLAB"

Academic Year : 2022-23

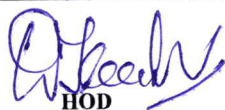
Department: ECE

## DAY-WISE ATTENDANCE SHEET

S.No	Regd.No	Name of the Student	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul
1	19MT1A0401	ARANGI SURESH	P	P	P	A	P	P	P	P	P	P
2	19MT1A0402	BANALA DHANALAKSHMI	P	P	P	P	P	P	A	P	P	P
3	19MT1A0404	BEVARA NAGAMANI	P	P	P	P	A	P	P	P	P	P
4	19MT1A0405	BONELA PRAMEELA RANI	P	P	P	P	P	P	P	P	A	P
5	19MT1A0407	BURADA SAI SEETHA RAM MOHAN	P	P	P	P	A	P	P	P	P	P
6	19MT1A0408	CHENCHALA DINESH	P	P	A	P	P	P	P	P	P	P
7	19MT1A0410	DANETI SWATHI	P	P	P	P	P	P	P	A	P	P
8	19MT1A0411	DEVARASETTI TANUJA	P	P	P	P	P	P	A	P	P	P
9	19MT1A0412	DOLA ASHA RAJU	P	P	P	P	P	P	P	P	P	P
10	19MT1A0413	DOLA PRASANTHI KUMARI	P	A	P	P	P	P	P	P	P	P
11	19MT1A0418	GURUGUBELLI BALA KRISHNA RAO	P	P	P	P	A	P	P	P	P	P
12	19MT1A0419	ILLIPOTHI SAI MOHAN	P	P	A	P	P	P	P	P	P	P
13	19MT1A0420	JEEVAN SHREE PANIGRAHI	P	P	P	P	P	P	A	P	P	P
14	19MT1A0421	KONCHADA YOGESWARI	P	P	P	A	P	P	P	P	P	P
15	19MT1A0423	MAMIDI LAVANYA	P	P	P	P	P	A	P	P	P	P
16	19MT1A0425	NAIKO NAVEEN	P	P	A	P	P	P	P	P	P	P
17	19MT1A0426	PARIGA BAIRAGI	P	A	P	P	P	P	P	P	P	P
18	19MT1A0428	POLIPALLI YASHASWANI	P	P	P	A	P	P	P	P	P	P
19	19MT1A0429	PONNADA YUVARAJU	P	P	P	P	P	P	P	P	A	P
20	19MT1A0430	POTNURU PRIYANKA	P	P	P	P	P	A	P	P	P	P
21	19MT1A0433	SATHIVADA SAI BHAVANIKA	P	P	P	P	A	P	P	P	P	P
22	19MT1A0434	SEEMALA SANDEEP	P	P	P	P	P	P	P	A	P	P
23	19MT1A0439	YALLA PRASAD	P	P	P	A	P	P	P	P	P	P
24	19MT1A0440	YALLA SYAM KUMAR	P	P	P	P	P	P	A	P	P	P
25	19MT1A0441	SACHIN KUMAR MANDAL	P	P	A	P	P	P	P	P	P	P
26	19MT1A0442	RAHUL KUMAR	P	P	P	P	P	A	P	P	P	P
27	20MT5A0404	PAILA RANI	P	P	P	P	P	P	P	P	A	P

  
COORDINATOR

  
IQAC

  
HOD

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

**Date: 30/07/2022**

**PROGRAM REPORT**

**NAME OF THE EVENT : A Two week certificate Program on “RECENT TRENDS IN  
WIRELESS COMMUNICATIONS USING MATLAB”**

**DATE : 18-07-2022 to 29-07-2022**

**RESOURCE PERSON :**

Mr. A Sridhar  
Assistant Professor  
Department of ECE  
Sai Ganapati Engineering College, Gidijala  
Mobile number: 9703550747  
E-Mail ID: sridhar472@gmail.com

**NAME OF THE CO-ORDINATOR:**

**D.TIRUMALA RAO**  
HOD, Dept. of ECE  
Cell: 9392179070  
Email: [hodece.svcet@gmail.com](mailto:hodece.svcet@gmail.com)

**NUMBER OF THE STUDENTS ATTENDED: 27**

**VENUE : BLOCK – C , SEMINAR HALL & COMPUTER LAB – 4**





# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

The Department of Electronics and communication engineering organized a Two Week certificate program on “**RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB**” for IV B.Tech (ECE) Students. Recently, wireless communications have been improvised into several trending applications which are discussed in this session. Totally 27 students participated in this training program and after the completion of the program the students able to understand the following objectives and learning outcomes.

**Course Objectives:** The student will be able to

- Solid understanding of the basic principles and technologies behind wireless communication systems.
- Familiarity with the latest trends and technologies in wireless communications, such as 5G, IoT, MIMO, and software-defined networking (SDN)
- To analyze the performance of wireless systems and design solutions to improve efficiency, reliability, and security.
- To implementing algorithms for 5G networks, including massive MIMO, beamforming, and mmWave communications
- To Develop protocols and algorithms for IoT communication, such as low-power wide-area networks (LPWANs) and sensor networks.

**Course Outcomes (COs):** At the end of the course, student will be able to

- Gain a deep understanding of wireless communication systems, including principles, algorithms, and technologies such as 5G, LTE, and WLAN.
- Develop strong MATLAB programming skills for implementing and simulating wireless communication systems, including modulation schemes, channel coding, and signal processing algorithms.
- Gain the ability to evaluate the performance of wireless communication systems using MATLAB, including metrics such as bit error rate (BER), signal-to-noise ratio (SNR), and throughput.
- Explore how wireless communication systems can be integrated with other technologies such as IoT, machine learning, and cloud computing using MATLAB.
- Learn how to simulate and model wireless communication systems in MATLAB, including channel modeling, fading effects, and interference analysis.
- Use MATLAB for research and development in wireless communications, contributing to advancements in the field and gaining insights into future trends and technologies.



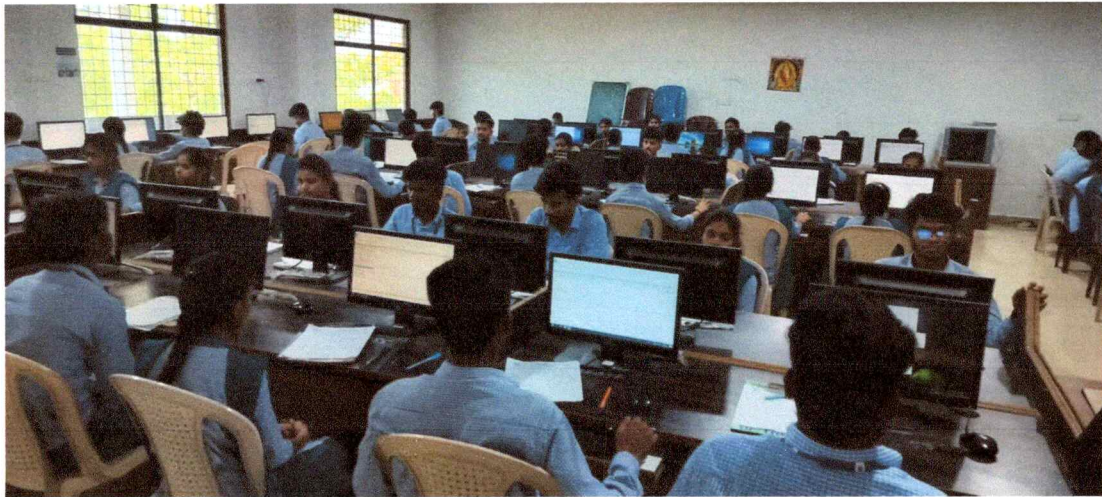
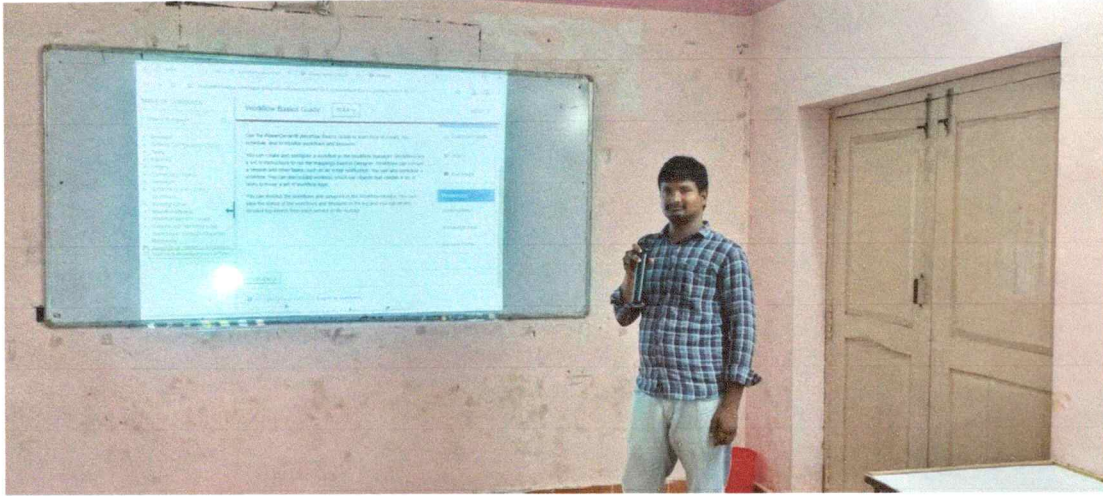
# SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

## Resource Person Picture:



This certificate course was very useful to students and their feedback is positive. The Management and Dr.S.C.V. Ramana Murthy Naidu , Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource person and participants for making the programme Successful.

**IQAC COORDINATOR**

  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)





# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that N. NAVEEN (19MT1A0425) from

TY - I Sem

has participated in A Two week certificate Program on

"RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB" organized by Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam from 18<sup>th</sup> July 2022 to 29<sup>th</sup> July 2022.

Sri. D. Tirumala Rao  
HoD,ECE

Dr.S.C.V.Ramana Murthy  
Principal

Dr.S.C.V.Ramana Murthy  
Principal





# SRI VENKATESWARA

## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

### PARTICIPATION CERTIFICATE

This is to certify that B. Dhana Lakshmi (19MT/A0402) from

IV - I Sem

has participated in A Two week certificate Program on

"RECENT TRENDS IN WIRELESS COMMUNICATIONS USING MATLAB" organized by Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam from 18<sup>th</sup> July 2022 to 29<sup>th</sup> July 2022.

Sri. D. Tirumala Rao  
HoD,ECE

Dr.S.C.V.Ramana Murthy  
Principal





**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified  
Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram  
Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 01.04.2023

**CIRCULAR**

It is hereby informed to all the II & III B.Tech Civil students that the Department of Civil is conducting **A Two week program on " INFRASTRUCTURE DEVELOPMENT IN CIVIL ENGINEERING"** 'from 10.04.2023 to 21.04.23.. The students shall register their names with coordinator on or before 05.04.2022.

**Coordinator: Coordinator: Mr .N .V.L.N PAVANKUMAR**

Dept.of CIVIL

Contact No.: 7989395571













E\_Mail:civilhod.svect@gmail.com

  
COORDINATOR

  
HOD

  
PRINCIPAL

**Copysubmitted to:**Honorable Management for favor of Information

Department	IQAC	CE	EEE	ME	ECE	CSE	AI&ML	BS&H	MBA	Office	NB	FILE
Signature												

#### **ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society-the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

#### **ABOUT THE CIVIL DEPARTMENT:**

The Civil Engineering Department of SVCET was established in 2014. The department is currently offering B.Tech in Civil Engineering.

The Civil Engineering Department has the state of art infrastructure with well equipped labs, software and computer center spread in an area of 500sq.m. They are supported by experienced and qualified faculty. The laboratory facilities are available in all subject areas of Civil Engineering. In addition to the regular curriculum, the department is offering add on courses on communication skills, arithmetical reasoning, programming languages etc. for enriching the competitive knowledge of the students and preparing them for better employability. Students are also engaged in the projects works which demands the needs of social body in the surrounding situations as well as in the research projects. The department is also offering consultancy services in the areas of Material testing, Mix design and Analysis of structures. The clients are from R&B, RWS, Irrigation etc.

#### **CHIEFPATRON**

Dr.B.SriramaMurthy

Secretary, VES

#### **PATRON**

Dr.S.C.V.RamanaMurthy Naidu

Principal, SVCET

#### **COORDINATOR**

**Mr. N.V.L.N.Pavannkumar,**

Assistant Professor,

Department of Civil Engineering,  
Sri Venkateswara College Of e  
ngineering & Technology

Etcherla

#### **HEAD OF THE DEPARTMENT:**

**V.K.Chakravarthi,**

Associate Professor and Head,

Department of Civil Engineering

Ph No: 9440546083

#### **A Two Week Certificate Program on**

**"INFRASTRUCTURE DEVELOPMENT IN  
CIVIL ENGINEERING"**

**10. 04.2023 to 21.04.23.**



Organized by:

**DEPARTMENT OF CIVIL ENGINEERI**

**SRI VENKATESWARA COLLEGE  
OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE-New Delhi &  
Affiliated to JNTUG-Vizianagaram)  
Etcherla, Srikakulam, Andhra Pradesh-532410  
Phone: +91-9494011444

**www.svcet.info**



**VISION:**

Emerge as a Center of pre-eminence in Engineering, education, research and services.

**MISSION:**

**M1)** To produce graduates with scientific and technical knowledge and excellent engineering skills for professional practice, employment, advanced study and research.

**M2)** To inculcate professional and ethical values related to industry, society and environment.

**M3)** To interact with industries, to meet their requirements through employable graduates.

**ABOUT THE PROGRAM**

The design and drawing of composite bridges involve the use of composite materials, typically steel and concrete, to create efficient and durable bridge structures. Composite bridges offer several advantages over traditional bridge. **Material Selection:** Composite bridges.

**Objective :**

The objective of the design and drawing of composite bridges is to create safe, efficient, and durable bridge structures that effectively their intended purpose while minimizing environmental impact and maximizing cost-effectiveness. Here are the primary objectives

**Outcome:**

The outcomes of the design and drawing of composite bridges encompass several key aspects, each contributing to the successful realization of safe, efficient, and durable bridge structures. Here are the outcomes. Safe and Reliable **Structures:** The foremost outcome is the creation of bridges that are safe and reliable for all users, including vehicles, pedestrians, and cyclist.

**ORGANIZING COMMITTEE:**

**V.K.Chakravarthi,**

**Mr. N.V.L.N.Pavankumar,**

2.Mrs N.Leela Rani,

3.Mr. V. Udaybanu

Assistant Professor,

Department of Civil Engineering, Sri Venkateswara College Of engineering & Technology,Etcherla

**Resource Persons**

**Dr Ch.Vasudevaaoo.,**

Associate Professor,

Department of Civil Engineering,

Aditya Institute of Technology and Management, Tekkali .

**Mr.M.V.Raviteja,**

Assistant Professor,

Department of Civil Engineering,`

Sri Venkateswara College of Engineering and Technology,etcherla

**REGISTRATION FORM****A Two Week Certificate Program on**

**" INFRASTRUCTURE  
DEVOLEPMENT IN CIVIL  
ENGINEERING"**

**10.04.2023 to 21.04.23.**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year & Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact

No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_



**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram  
Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

A Two week program on " INFRASTRUCTURE DEVOLEPMENT IN CIVIL ENGINEERING"

Academic Year : 2022-23

Date: 10.04.2023

Department: CIVIL

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	21MT1A0101	AMPOLU PRAVEEN KUMAR	II-II	A. Praveen Kumar
2	21MT1A0102	BADIYA SHIRISHA	II-II	B. Shirisha
3	21MT1A0103	BATTILI TARUN	II-II	B. Tarun
4	21MT1A0105	BODDU PRADEEP KUMAR	II-II	B. Pradeep Kumar
5	21MT1A0106	BONELA RAJESWARI	II-II	B. Rajeswari
6	21MT1A0107	BONIGI UPENDRA	II-II	B. Upendra
7	21MT1A0109	DALLI BHAVANIKUMAR	II-II	D. Bhavanikumar
8	21MT1A0110	DUMPA SAISYAMALARAO	II-II	D. Saisyamalarao
9	21MT1A0111	GOPISETTI PRIYANKA	II-II	G. Priyanka
10	21MT1A0112	JANNI ESWARARAO	II-II	J. Eswararao
11	21MT1A0113	KODANGI UDAYKIRAN	II-II	K. Udaykiran
12	21MT1A0114	KORIKANA NAVEEN	II-II	K. Naveen
13	21MT1A0115	KORNANA NIHARIKA	II-II	K. Niharika
14	21MT1A0116	KUPPILI JYOTHIRMAI	II-II	K. Jyothirmai
15	21MT1A0118	MAMIDIPALLI NAVEEN	II-II	M. Naveen
16	21MT1A0119	MUNGI PAVAN KUMAR	II-II	M. Pavankumar
17	21MT1A0120	PALEPU SIMHACHALAM	II-II	P. Simhachalam
18	21MT1A0121	PATNANA KIRAN KUMAR	II-II	P. Kiran Kumar
19	21MT1A0122	PEESA SAILAJA	II-II	P. Sailaja
20	21MT1A0123	SAVADANA SAIKIRAN	II-II	S. Saikiran
21	21MT1A0134	B.SRINU	II-II	B. Srinu
22	22MT5A0101	AVALA SRINU	II-II	A. Srinu
23	22MT5A0102	CHANCHALA UMAMAHESH	II-II	C. Umamahesh
24	22MT5A0104	DHARMANA CHINNARAO	II-II	D. Chinna Rao
25	22MT5A0105	GOTTIPALLI REVATHI	II-II	G. Revathi
26	22MT5A0107	J RAMU	II-II	J. Ramu
27	22MT5A0108	K SOWJANYA	II-II	K. Sowjanya
28	22MT5A0109	K LOKESH	II-II	K. Lokesh
29	22MT5A0110	L BALAKRISHNA	II-II	L. Balakrishna
30	22MT5A0111	M GOWTHAM SIDDHARDHA	II-II	M. Gowtham Siddhardha
31	22MT5A0112	M MOHANA RAO	II-II	M. Mohan Rao
32	22MT5A0113	N VENKATA SAI	II-II	N. Venkatasai
33	22MT5A0114	P GOWTHAM KUMAR	II-II	P. Gowtham Kumar
34	22MT5A0115	P NARAYANA MURTHY	II-II	P. Narayana Murthy
35	22MT5A0116	P SATISH	II-II	P. Satish
36	22MT5A0117	P DAMAYANTHI	II-II	P. Damayanthi
37	22MT5A0118	P VENAKATA NAGARAJU	II-II	P. Venkata Nagaraju
38	22MT5A0119	T RAJULANAIDU	II-II	T. Rajulanaidu
39	22MT5A0120	T ADITYA VARDHAN	II-II	T. Aditya Vardhan
40	22MT5A0121	T VENKATAJAYARAM	II-II	T. Venkatajayaram
41	22MT5A0122	T SAIKUMAR	II-II	T. Saikumar
42	22MT5A0123	U GUNA SAI MOUNIKA	II-II	U. Gunasaimounika
43	20FE1A0108	Ch. SAI KARTHEEK	III-II	Ch. Saikarthek
44	20MT1A0101	ADAPA RAJU	III-II	A. Raju
45	20MT1A0104	CHENNA SRILATHA	III-II	C. Srilatha
46	20MT1A0105	CHIGILIPALLI HARISH	III-II	C. Harish



47	20MT1A0106	GANDI RAJU	III-II	G. Raju
48	20MT1A0107	GANTLANA AKHILA	III-II	G. Akhila
49	20MT1A0108	JALLU VIVEK	III-II	J. Vivek
50	20MT1A0109	KAMARSI UMA MAHESWARA RAO	III-II	K. Uma Maheswara Rao
51	20MT1A0110	KARANAM AJAY	III-II	K. Ajay
52	20MT1A0111	KONNA BHARGAVI	III-II	K. Bhargavi
53	20MT1A0112	KOYYANA SAI KUMAR	III-II	K. Sai Kumar
54	20MT1A0113	KOYYANA SRINIVASA RAO	III-II	K. Srinivasarao
55	20MT1A0114	KUNA SURYA PRAKASH	III-II	K. Surya Prakash
56	20MT1A0116	MODHALAVALASA ANUSHA	III-II	M. Anusha
57	20MT1A0117	NAVIRI DURGA PRASAD	III-II	N. Durga Prasad
58	20MT1A0118	NETALA APPALANAIDU	III-II	N. Appalanaidu
59	20MT1A0121	NOUPADA BALAJI	III-II	N. Balaji
60	20MT1A0122	PALLI RAJU	III-II	P. Raju
61	20MT1A0123	POTNURU KALYANI	III-II	P. Kalyani
62	20MT1A0124	S. VENKATA POORNA SINDHU	III-II	S. Venkata Poorna Sindhu
63	20MT1A0125	SASAPU SANTOSH	III-II	S. Santosh
64	20MT1A0126	SAVALAPURAPU ISHWARYA	III-II	S. ISHWARYA
65	20MT1A0127	SAVARA RAVI	III-II	S. Ravi
66	20MT1A0128	SORINGALA NAGENDRA BABU	III-II	S. Nagendra Babu
67	20MT1A0129	THONANGI HEMANTH	III-II	T. Hemanth
68	20MT1A0131	VANKALA SANTOSH	III-II	V. Santosh
69	20MT1A0132	ABHISHEK KUMAR	III-II	Abhishek Kumar
70	20MT1A0133	MADHAV KUMAR	III-II	Madhav Kumar
71	20MT1A0134	SONU ANSARI	III-II	S. Anson
72	20MT1A0135	SONU KUMAR	III-II	S. Kumar
73	20MT1A0136	KRISHNA KUMAR	III-II	K. Krishna Kumar
74	21MT5A0101	BANTUPALLI JAGADEESWARA RAO	III-II	B. Jagadeeswararao
75	21MT5A0102	BHADRACHALAM VIJAYA KUMAR	III-II	B. Vijaya Kumar
76	21MT5A0103	BHUPATI VENKATESH	III-II	B. Venkatesh
77	21MT5A0104	CHALLA HEMANTH	III-II	Ch. Hemanth
78	21MT5A0105	CHINTADA SIVA KUMAR	III-II	Ch. Sivakumar
79	21MT5A0106	GAMPALA PURNA RAO	III-II	G. Purna Rao
80	21MT5A0107	GANGU DHILEEP KUMAR	III-II	G. Dhileep Kumar
81	21MT5A0109	GITTANGI SAI KIRAN	III-II	G. Sai Kiran
82	21MT5A0110	INTI SURYA KIRAN	III-II	I. Surya Kiran
83	21MT5A0111	KORADA KIRAN KUMAR	III-II	K. Kiran Kumar
84	21MT5A0112	LINGALA VIJAYA LAKSHMI	III-II	L. Vijaya Lakshmi
85	21MT5A0114	MEESALA SIVAKRISHNA	III-II	M. Sivakrishna
86	21MT5A0115	NAMMI THATARAO	III-II	N. THATARAO
87	21MT5A0116	PADUMU PAVAN	III-II	P. Pavan
88	21MT5A0117	PANDAVA VAMSI	III-II	P. Vamsi
89	21MT5A0118	SAHUKARA MUDDUKRISHNA	III-II	S. Muddukrishna
90	21MT5A0119	TIPPANA PRASANTH	III-II	T. Prasanth

N.V.L.N. Parankumar  
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ETCHERLA, Srikakulam-532410 (A.P)





18	21MT1A0121	PATNANA KIRAN KUMAR	P	P	P	P	P	P	P	P	P	A	P
19	21MT1A0122	PEESA SAILAJA	P	P	P	P	P	P	P	P	A	P	P
20	21MT1A0123	SAVADANA SAIKIRAN	P	P	P	P	P	P	A	P	P	P	P
21	21MT1A0134	B.SRINU	P	P	P	P	P	A	P	P	P	P	P
22	22MT5A0101	AVALA SRINU	P	P	P	P	A	P	P	P	P	P	P
23	22MT5A0102	CHANCHALA UMAMAHESH	P	P	P	A	P	P	P	P	P	P	P
24	22MT5A0104	DHARMANA CHINNARAO	P	P	A	P	P	P	P	P	P	P	P
25	22MT5A0105	GOTTIPALLI REVATHI	P	A	P	P	P	P	P	P	P	P	P
26	22MT5A0107	J RAMU	A	P	P	P	P	P	P	P	P	P	P
27	22MT5A0108	K SOWJANYA	P	P	P	P	P	P	P	A	P	P	P
28	22MT5A0109	K LOKESH	P	P	P	P	P	P	A	P	P	P	P
29	22MT5A0110	L BALAKRISHNA	P	P	P	P	P	A	P	P	P	P	P
30	22MT5A0111	M GOWTHAM SIDDHARDHA	P	P	P	P	A	P	P	P	P	P	P
31	22MT5A0112	M MOHANA RAO	P	P	P	A	P	P	P	P	P	P	P
32	22MT5A0113	N VENKATA SAI	P	P	A	P	P	P	P	P	P	P	P
33	22MT5A0114	P GOWTHAM KUMAR	P	A	P	P	P	P	P	P	P	P	P
34	22MT5A0115	P NARAYANA MURTHY	A	P	P	P	P	P	P	P	P	P	P
35	22MT5A0116	P SATISH	P	P	A	P	P	P	P	P	P	P	P
36	22MT5A0117	P DAMAYANTHI	P	P	P	A	P	P	P	P	P	P	P
37	22MT5A0118	P VENAKATA NAGARAJU	P	P	P	P	A	P	P	P	P	P	P
38	22MT5A0119	T RAJULANAIDU	P	P	P	P	P	A	P	P	P	P	P
39	22MT5A0120	T ADITYA VARDHAN	P	P	P	P	P	P	A	P	P	P	P
40	22MT5A0121	T VENKATAJAYARAM	P	P	P	P	P	P	P	A	P	P	P
41	22MT5A0122	T SAIKUMAR	P	P	P	P	P	P	P	P	A	P	P
42	22MT5A0123	U GUNA SAI MOUNIKA	P	P	P	P	P	P	P	P	P	P	A
43	20FE1A0108	Ch. SAI KARTHEEK	P	P	P	P	P	A	P	P	P	P	P

44	20MT1A0101	ADAPA RAJU	P	P	P	P	A	P	P	P	P	P
45	20MT1A0104	CHENNA SRILATHA	P	P	P	P	P	A	P	P	P	P
46	20MT1A0105	CHIGILIPALLI HARISH	P	P	P	P	P	P	A	P	P	P
47	20MT1A0106	GANDI RAJU	P	P	P	P	P	P	P	A	P	P
48	20MT1A0107	GANTLANA AKHILA	P	P	P	P	P	P	P	P	A	P
49	20MT1A0108	JALLU VIVEK	P	P	P	P	P	P	P	P	P	A
50	20MT1A0109	KAMARSI UMA MAHESWARA RAO	P	P	P	P	P	A	P	P	P	P
51	20MT1A0110	KARANAM AJAY	P	P	P	P	A	P	P	P	P	P
52	20MT1A0111	KONNA BHARGAVI	P	P	P	A	P	P	P	P	P	P
53	20MT1A0112	KOYYANA SAI KUMAR	P	P	A	P	P	P	P	P	P	P
54	20MT1A0113	KOYYANA SRINIVASA RAO	P	A	P	P	P	P	P	P	P	P
55	20MT1A0114	KUNA SURYA PRAKASH	A	P	P	P	P	P	P	P	P	P
56	20MT1A0116	MODHALAVALASA ANUSHA	P	P	A	P	P	P	P	P	P	P
57	20MT1A0117	NAVIRI DURGA PRASAD	P	P	P	P	A	P	P	P	P	P
58	20MT1A0118	NETALA APPALANAIDU	P	P	P	P	P	A	P	P	P	P
59	20MT1A0121	NOUPADA BALAJI	P	P	P	P	P	P	A	P	P	P
60	20MT1A0122	PALLI RAJU	P	P	P	P	P	P	P	A	P	P
61	20MT1A0123	POTNURU KALYANI	P	P	P	P	P	P	P	P	A	P
62	20MT1A0124	SINDHU	P	P	P	P	P	P	P	P	P	A
63	20MT1A0125	SASAPU SANTOSH	P	P	P	P	P	A	P	P	P	P
64	20MT1A0126	SAVALAPURAPU ISHWARYA	P	P	P	P	A	P	P	P	P	P
65	20MT1A0127	SAVARA RAVI	P	P	P	A	P	P	P	P	P	P
66	20MT1A0128	SORINGALA NAGENDRA BABU	P	P	A	P	P	P	P	P	P	P
67	20MT1A0129	THONANGI HEMANTH	P	A	P	P	P	P	P	P	P	P
68	20MT1A0131	VANKALA SANTOSH	A	P	P	P	P	P	P	P	P	P
69	20MT1A0132	ABHISHEK KUMAR	P	P	P	P	A	P	P	P	P	P



70	20MT1A0133	MADHAV KUMAR	P	P	P	P	P	A	P	P	P	P
71	20MT1A0134	SONU ANSARI	P	P	P	P	P	P	A	P	P	P
72	20MT1A0135	SONU KUMAR	P	P	P	P	P	P	P	A	P	P
73	20MT1A0136	KRISHNA KUMAR	P	P	P	P	P	P	P	P	A	A
74	21MT5A0101	BANTUPALLI JAGADEESWARA RAO	P	P	P	A	P	P	P	P	P	P
75	21MT5A0102	BHADRACHALAM VIJAYA KUMAR	P	P	P	P	A	P	P	P	P	P
76	21MT5A0103	BHUPATI VENKATESH	P	P	P	P	P	A	P	P	P	P
77	21MT5A0104	CHALLA HEMANTH	P	P	P	P	P	P	A	P	P	P
78	21MT5A0105	CHINTADA SIVA KUMAR	P	P	P	P	P	P	P	A	P	P
79	21MT5A0106	GAMPALA PURNA RAO	P	P	P	P	P	P	P	P	A	P
80	21MT5A0107	GANGU DHILEEP KUMAR	P	P	P	P	P	P	P	P	P	A
81	21MT5A0109	GITTANGI SAI KIRAN	P	A	P	P	P	P	P	P	P	P
82	21MT5A0110	INTI SURYA KIRAN	P	P	A	P	P	P	P	P	P	P
83	21MT5A0111	KORADA KIRAN KUMAR	P	P	P	A	P	P	P	P	P	P
84	21MT5A0112	LINGALA VIJAYA LAKSHMI	P	P	P	P	A	P	P	P	P	P
85	21MT5A0114	MEESALA SIVAKRISHNA	P	P	P	P	P	A	P	P	P	P
86	21MT5A0115	NAMMI THATARAO	P	P	P	P	P	P	A	P	P	P
87	21MT5A0116	PADUMU PAVAN	P	P	P	P	P	P	P	A	P	P
88	21MT5A0117	PANDAVA VAMSI	P	P	P	P	P	P	P	P	A	P
89	21MT5A0118	SAHUKARA MUDDUKRISHNA	P	P	P	P	P	P	P	P	P	A
90	21MT5A0119	TIPPANA PRASANTH	A	P	P	P	P	P	P	P	P	P

M.V.L.N. Prasad Kumar  
COORDINATOR

  
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**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified

Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram

Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 23.04.2023

**PROGRAM REPORT**

NAME OF THE PROGRAM: A Two week certificate Program on "INFRASTRUCTURE  
DEVELOPMENT IN CIVIL ENGINEERING"

DATES : 10.04.2023 to 21.04.2023

**RESOURCE PERSONS:**

**Dr Ch.Vasudevao.,**  
Associate Professor,  
Department of Civil Engineering,  
Aditya Institute of Technology and Management, Tekkali .

**Mr.M.V.Raviteja,**  
Assistant Professor,  
Department of Civil Engineering,  
Sri Venkateswara College of Engineering and Technology, etcherla

**NAME OF THE COORDINATOR:**

**Mr. N.V.L.N.Pavannkumar,**

Assistant Professor,

Department of Civil Engineering, SVCET, Etcherla

NUMBER OF THE STUDENTS ATTENDED: 110

VENUE : BLOCK – C : SEMINAR HALL & COMPUTER LAB - 3.



**Objective :**The objectives of infrastructure development in civil engineering are multifaceted, aiming to address societal needs, promote economic growth, enhance quality of life, and ensure sustainability. Here are the key objectives. Sustainable Development.

**Outcome:**The outcomes of infrastructure development in civil engineering are diverse and far-reaching, impacting various aspects of society, economy, environment, and quality of life. Here are some key outcomes, **Improved Connectivity and Mobility:** Infrastructure development leads to improved transportation networks.

**Resource Person:**



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This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource persons and participants for making the programme Successful.

**IQAC COORDINATOR**

*[Handwritten Signature]*  
**HOD**

*[Handwritten Signature]*  
**PRINCIPAL**  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



SRI VENKATESWARA COLLEGES  
SRIKAKULAM

# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

## PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms P. KIRAN KUMAR

from II Year has participated in A Two week certificate Program

"INFRASTRUCTURE DEVELOPMENT IN CIVIL ENGINEERING" organized by Department of Civil

Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 10-21, April-2023.

Sri. V.K.Chakra Varthi  
HOD, CIVIL

Dr.S.C.V.Ramana Murthy Naidu

Principal  
ETCHERLA, SRIKAKULAM-532410 (A.P.)  
Sri Venkateswara College of Engineering & Technology

PRINCIPAL

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, SRIKAKULAM-532410 (A.P.)





SRI VENKATESWARA COLLEGE  
SRIKAKULAM

# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

## PARTICIPATION CERTIFICATE

This is to certify that *Mr./Ms* G. REVATHI

from I Year has participated in A Two week certificate Program  
"INFRASTRUCTURE DEVELOPMENT IN CIVIL ENGINEERING" organized by Department of Civil  
Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 10-21, April-2023.

Sri. V.K. Chakra Varthi  
HOD, CIVIL

Dr. S.C.V. Ramana Murthy Naidu

Principal  
ETCHERLA, SRIKAKULAM-532410 (A.P.)  
Sri Venkateswara College of Engineering & Technology  
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ETCHERLA, SRIKAKULAM-532410 (A.P.)



# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)

ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA

## PARTICIPATION CERTIFICATE

This is to certify that Mr. ~~MS~~ P. KIRAN KUMAR

from II Year has participated in A Two week certificate Program

"INFRASTRUCTURE DEVELOPMENT IN CIVIL ENGINEERING" organized by Department of Civil

Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 10-21, April-2023.

Sri. V.K. Chakra Varthi  
HOD, CIVIL

Dr. S.C.V. Ramana Murthy Naidu

Principal  
ETCHERLA, SRIKAKULAM-532410 (A.P.)  
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## COLLEGE OF ENGINEERING AND TECHNOLOGY

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Sri. V.K. ChakraVarthi  
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Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram  
Office : +91 9705576693 , email: principal\_svctet@yahoo.com, website: www.svctet.info

Date: 25.08.2022

**CIRCULAR**

It is hereby informed to all the IV B.Tech Civil students that the Department of Civil is conducting **A Two week program on " IS CODE PRACTICES FOR STRUCTURAL ENGINEERING"** from 05.09.2022 to 16.09.2022. The students shall register their names with coordinator on or before 01.09.2022.

**Coordinator:** Mr. V.UDAYABHANU

Assistant Professor Dept.of CIVIL

Contact No.: 6301618954













E\_Mail:civilhod.svctet@gmail.com

  
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**Copysubmitted to :**Honorable Management for favor of Information

Department	IQAC	CE	EEE	ME	ECE	CSE	AI&ML	BS&H	MBA	Office	NB	FILE
Signature												



**ABOUT SVCET:**

Established in the year 2008 by Vikas Educational Society-the corporate social responsibility arm of SVCET Group and affiliated to JNTUGV, Vizianagaram. SVCET offers high quality technical education for aspiring Engineers. College is located in Etcherla, Srikakulam district of Andhra Pradesh. SVCET provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its emphasis on a well-rounded education that makes SVCET a one of the preferred institutes among engineering colleges in India.

**ABOUT THE CIVIL DEPARTMENT:**

The Civil Engineering Department of SVCET was established in 2014. The department is currently offering B.Tech in Civil Engineering.

The Civil Engineering Department has the state of art infrastructure with well equipped labs, software and computer center spread in an area of 500sq.m. They are supported by experienced and qualified faculty. The laboratory facilities are available in all subject areas of Civil Engineering. In addition to the regular curriculum, the department is offering add on courses on communication skills, arithmetical reasoning, programming languages etc. for enriching the competitive knowledge of the students and preparing them for better employability. Students are also engaged in the projects works which demands the needs of social body in the surrounding situations as well as in the research projects. The department is also offering consultancy services in the areas of Material testing, Mix design and Analysis of structures. The clients are from R&B, RWS, Irrigation etc.

**CHIEFPATRON**

Dr.B.SriramaMurthy

Secretary, VES

**PATRON**

Dr.S.C.V.RamanaMurthy Naidu

Principal, SVCET

**COORDINATOR****Mr. V. Udaybanu,**

Assistant Professor,

Department of Civil Engineering,  
Sri Venkateswara College Of engineering &  
Technology**HEAD OF THE DEPARTMENT:****V.K.Chakravarthi,**

Associate Professor and Head,

Department of Civil Engineering

Ph No: 9440546083

**A Two Week Certificate Program on****"IS CODE PRACTICES FOR  
STRUCTURAL ENGINEERING"****05.09.2022 to 16.09.2022**

Organized by:

**DEPARTMENT OF CIVIL ENGINEERING****SRI VENKATESWARA COLLEGE  
OF ENGINEERING & TECHNOLOGY**(Approved by AICTE-New Delhi &  
Affiliated to JNTUG-Vizianagaram)  
Etcherla, Srikakulam, Andhra Pradesh-532410  
Phone: +91-9494011444**www.svcet.info**

**VISION:**

Emerge as a Center of pre-eminence in Engineering, education, research and services.

**MISSION:**

**M1)** To produce graduates with scientific and technical knowledge and excellent engineering skills for professional practice, employment, advanced study and research.

**M2)** To inculcate professional and ethical values related to industry, society and environment.

**M3)** To interact with industries, to meet their requirements through employable graduates.

**ABOUT THE PROGRAM**

The design and drawing of composite bridges involve the use of composite materials, typically steel and concrete, to create efficient and durable bridge structures. Composite bridges offer several advantages over traditional bridge. **Material Selection:** Composite bridges.

**Objective :**

The objective of the design and drawing of composite bridges is to create safe, efficient, and durable bridge structures that effectively their intended purpose while minimizing environmental impact and maximizing cost-effectiveness. Here are the primary objectives

**Outcome:**

The outcomes of the design and drawing of composite bridges encompass several key aspects, each contributing to the successful realization of safe, efficient, and durable bridge structures. Here are the outcomes. Safe and Reliable **Structures:** The foremost outcome is the creation of bridges that are safe and reliable for all users, including vehicles, pedestrians, and cyclist.

**ORGANIZING COMMITTEE:**

**V.K.Chakravarthi,**

Associate Professor and Head,

Department of Civil Engineering

**Mr. V. Udaybanu,**

Assistant Professor,

Department of Civil Engineering,  
Sri Venkateswara College Of engineering &  
Technology

**Resource Persons**

**Dr. H. Ramamohan.**

Associate Professor,

Department of Civil Engineering,

Aditya Institute of Technology and Management,  
Tekkali

**Mr.M.V.Raviteja,**

Assistant Professor,

Department of Civil Engineering,

Sri Venkateswara College of Engineering  
and Technology,

**REGISTRATION FORM**

**A Two Week Certificate Program on**

**"IS CODE PRACTICES FOR STRUCTURAL  
ENGINEERING"**

**05.09.2022 to 16.09.2022**

Name: \_\_\_\_\_

Branch: \_\_\_\_\_

Year &Semester: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of the Participant \_\_\_\_\_

Signature of the HOD \_\_\_\_\_

Date: \_\_\_\_\_





**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified  
Approved by AICTE, New Delhi, Affiliated to JNTUGV, Vizianagaram  
Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of the Program: A Two week program on " IS CODE PRACTICES FOR STRUCTURAL ENGINEERING "

Academic Year : 2022-23

Date: 05.09.2022

Department: CIVIL

LIST OF ENROLLED STUDENTS				
S.No	Regd.No	Name of the Student	Year & Semester	Signature of the Student
1	19MT1A0101	BANKURU DIVYADEEPIKA	IV-I	B. Divya Deepika
2	19MT1A0102	BONAM PRIYANKA	IV-I	B. priyanka
3	19MT1A0103	CHINNALA NARAYANA RAO	IV-I	Ch. Narayana Rao
4	19MT1A0107	KARIGGI GANESH	IV-I	K. Ganesh
5	19MT1A0109	KOYYAN AABHISHEK	IV-I	K. abhishek
6	19MT1A0110	MAJJI RAMBABU	IV-I	M. Rambabu
7	19MT1A0111	MALUGU NARENDRA	IV-I	M. Narendra
8	19MT1A0112	MOJJADA MAHESH	IV-I	M. Mahesh
9	19MT1A0113	MUDDAPU MOHANARAO	IV-I	M. Mohan Rao
10	19MT1A0114	PAILA SRAVANI	IV-I	P. Sravani
11	19MT1A0115	PAPARAO CHALLA	IV-I	P. Challa
12	19MT1A0116	PASUPUREDDY ESWARA RAO	IV-I	P. Esvara Rao
13	19MT1A0118	RELLA SANTHOSH KUMAR	IV-I	R. Santhosh Kumar
14	19MT1A0119	RUGADANA SANGEETHA	IV-I	R. SANGEETHA
15	19MT1A0120	SAVARA GANESH	IV-I	S. Ganesh
16	19MT1A0122	TAMADA HEMANTHKUMAR	IV-I	T. Hemanth Kumar
17	19MT1A0124	YANDA TEJESWARA RAO	IV-I	Y. Tejeswara Rao
18	19MT1A0125	DEEPAK KUMAR	IV-I	D. Kumar
19	19MT1A0126	RAJEEV KUMAR	IV-I	Rajeev Kumar
20	19MT1A0127	BOLBAM PANDIT	IV-I	B. Pandit
21	19MT1A0128	MITHILESH KUMAR SHARMA	IV-I	M. Sharm
22	19MT1A0130	SUNNY KUMAR	IV-I	S. Kumar
23	19MT1A0132	SHYAM NANDAN MAHTO	IV-I	S. MAHTO
24	20MT5A0101	ARANGI LOKESH	IV-I	A. Lokesh
25	20MT5A0102	ARANGI MANIKANTA	IV-I	A. Manikanta
26	20MT5A0103	ARJI NAVEEN	IV-I	A. Naveen
27	20MT5A0104	BARLA JANAKIRAMUDU	IV-I	B. JANAKIRAMUDU
28	20MT5A0105	MAJJI THAVITINAIDU	IV-I	M. Thavita Naidu
29	20MT5A0106	MODALAVALASA PRUDHVI RAJ	IV-I	M. Prudvi Raj
30	20MT5A0108	PANDURI SAIKUMAR	IV-I	P. Sai Kumar
31	20MT5A0109	POLUMURU JITENDRA RAJU	IV-I	P. Jitendra Raju
32	20MT5A0110	PYDI MANOHARA RAO	IV-I	P. Manohara Rao
33	20MT5A0111	RUPPA NEELAM APPALA NAIDU	IV-I	R. Neelam Appala Naidu
34	20MT5A0112	SAVALAPURAPU PURNACHANDRA RAO	IV-I	S. P.
35	20MT5A0113	TAVITI SUDHEER	IV-I	T. Sudheer
36	20MT5A0114	UTTARAVALLI PRAVEEN KUMAR	IV-I	U. Praveen Kumar
37	18B41A0104	KOIRI LATHA	IV-I	K. LATHA

COORDINATOR

IQAC

HOD

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Name of The Program: A Two week program on " IS CODE PRACTICES FOR STRUCTURAL ENGINEERING "

Academic Year : 2022-23

Department: CIVIL

**DAY-WISE ATTENDANCE SHEET**

S.No.	Regd.No	Name of the Student	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep
1	19MT1A0101	BANKURU DIVYADEEPIKA	P	P	P	P	a	P	P	P	P	P
2	19MT1A0102	BONAM PRIYANKA	P	a	P	P	P	P	P	P	P	P
3	19MT1A0103	CHINNALA NARAYANA RAO	P	P	P	P	P	P	a	P	P	P
4	19MT1A0107	KARIGGI GANESH	a	P	P	P	P	P	P	P	P	P
5	19MT1A0109	KOYYAN AABHISHEK	P	P	P	P	P	a	P	P	a	P
6	19MT1A0110	MAJJI RAMBABU	P	a	P	P	P	P	a	P	P	P
7	19MT1A0111	MALUGU NARENDRA	P	a	P	P	P	P	P	P	P	P
8	19MT1A0112	MOJJADA MAHESH	P	P	P	P	a	P	P	P	P	P
9	19MT1A0113	MUDDAPU MOHANARAO	P	a	P	P	P	P	P	P	P	P
10	19MT1A0114	PAILA SRAVANI	a	P	P	P	P	P	P	P	P	P
11	19MT1A0115	PAPARAO CHALLA	P	P	P	a	P	P	P	P	P	P
12	19MT1A0116	PASUPUREDDY ESWARA RAO	P	P	a	P	P	P	P	P	P	P
13	19MT1A0118	RELLA SANTHOSH KUMAR	P	P	P	a	P	P	P	P	P	P
14	19MT1A0119	RUGADANA SANGEETHA	P	P	P	a	P	P	P	P	P	P
15	19MT1A0120	SAVARA GANESH	P	P	P	P	P	P	P	P	P	a
16	19MT1A0122	TAMADA HEMANTHKUMAR	a	P	P	P	P	P	P	P	P	P
17	19MT1A0124	YANDA TEJESWARA RAO	P	a	P	P	P	P	P	P	P	P
18	19MT1A0125	DEEPAK KUMAR	P	P	a	P	P	P	P	P	P	P
19	19MT1A0126	RAJEEV KUMAR	P	P	P	P	P	P	P	a	P	P
20	19MT1A0127	BOLBAM PANDIT	P	P	P	P	a	P	P	P	P	P



21	19MT1A0128	MITHILESH KUMAR SHARMA	P	a	P	P	P	P	P	P	P	P
22	19MT1A0130	SUNNY KUMAR	P	P	P	a	P	P	P	P	P	P
23	19MT1A0132	SHYAM NANDAN MAHTO	P	P	P	P	P	P	P	P	P	P
24	20MT5A0101	ARANGI LOKESH	P	P	P	P	P	a	P	P	P	P
25	20MT5A0102	ARANGI MANIKANTA	P	P	P	P	P	P	P	P	P	P
26	20MT5A0103	ARJI NAVEEN	P	P	P	P	P	P	a	P	P	P
27	20MT5A0104	BARLA JANAKIRAMUDU	P	P	P	P	P	P	P	P	P	P
28	20MT5A0105	MAJJI THAVITINAIDU	P	P	P	P	P	P	P	a	P	P
29	20MT5A0106	MODALAVALASA PRUDHVI RAJ	P	P	P	P	P	P	P	P	P	P
30	20MT5A0108	PANDURI SAIKUMAR	P	P	P	P	P	P	P	P	a	P
31	20MT5A0109	POLUMURU JITENDRA RAJU	P	P	P	P	P	P	P	P	P	a
32	20MT5A0110	PYDI MANOHARA RAO	P	P	P	P	P	a	P	P	P	P
33	20MT5A0111	RUPPA NEELAM APPALA NAIDU	P	P	P	P	P	P	a	P	P	P
34	20MT5A0112	SAVALAPURAPU PURNACHANDRA RAO	P	P	P	P	P	P	P	a	P	P
35	20MT5A0113	TAVITI SUDHEER	P	P	P	P	P	P	P	P	a	P
36	20MT5A0114	UTTARAVALLI PRAVEEN KUMAR	P	P	P	P	P	P	P	P	P	a
37	18B41A0104	KOIRI LATHA	P	P	a	P	P	P	P	P	P	P

  
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**SRI VENKATESWARA  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Office : +91 9705576693 , email: principal\_svcet@yahoo.com, website: www.svcet.info

Date:20.09.2022

**PROGRAM REPORT**

NAME OF THE PROGRAM: A Two week certificate Program on “ IS CODE PRACTICES  
FOR STRUCTURAL ENGINEERING.”

DATE : 05.09.2022 to 16.09.2022

RESOURCE PERSON :

**Dr. H. Ramamohan.**  
Associate Professor,  
Department of Civil Engineering,  
Aditya Institute of Technology and Management, Tekkali

**Mr.M.V.Raviteja,**  
Assistant Professor,  
Department of Civil Engineering,  
Sri Venkateswara College of Engineering and Technology, Etcherla.

NAME OF THE CO-ORDINATOR:

**Mr. V. Udaybanu,**  
Assistant Professor,  
Department of Civil Engineering, SVCET

NUMBER OF THE STUDENTS ATTENDED: 94

VENUE: BLOCK – C : SEMINAR HALL & COMPUTER LAB – 3



**Objective:**The objectives of the "IS Code Practices for Structural Engineering" established by the Bureau of Indian Standards (BIS) are focused on ensuring the safety, reliability, and durability of civil engineering structures in India. Here are the key objectives.

**Outcome:**The "IS Code Practices for Structural Engineering" refers to the Indian Standards (IS) codes that provide guidelines and specifications for the design, construction, and maintenance of various structural elements in buildings and infrastructure. Here are some outcomes of adhering to these IS code practice.


**Resource Person:**



This certificate course was very useful to students and their feedback is positive. The Management and Principal of Sri Venkateswara College of Engineering and Technology, thanked the resource person and participants for making the program successful.

**IQAC COORDINATOR**

  
**HOD**

  
**PRINCIPAL**  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY


(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA


## PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms P. MANOHARA RAO

from IV Year has participated in A Two week certificate Program on

“IS CODE PRACTICES FOR STRUCTURAL ENGINEERING” organized by Department of Civil  
Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 05-16, Sept-2022..

  
Sri. V.K.Chakra Varthi  
HOD, CIVIL

  
Dr.S.C.V.Ramana Murthy Naidu  
Principal

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





SRI VENKATESWARA COLLEGES  
SRIKAKULAM

# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

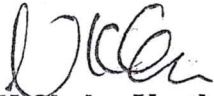
(Approved by AICTE, NEW DELHI & Affiliated to JNTUG, Vizianagaram)  
ETCHERLA, SRIKAKULAM, ANDHRA PRADESH, INDIA


## PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms K. GANESH

from IV Year has participated in A Two week certificate Program on

"IS CODE PRACTICES FOR STRUCTURAL ENGINEERING" organized by Department of Civil  
Engineering, Sri Venkateswara College of Engineering and Technology, Srikakulam during 05-16, Sept-2022..

  
Sri. V.K. Chakra Varthi  
HOD, CIVIL

  
Dr. S.C.V. Ramana Murthy Naidu  
Principal

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)



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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

Date: 04-05-2023

## CIRCULAR

Here by informed to all the students of MBA, that the Department of Management Studies is planning to organize A Two-week Add-On Program on “Intellectual Property Rights” from 15-05-2023 to 26-05-2023. This program is aimed at enhancing your skills and knowledge in the field of Intellectual Property Rights that how to connect employees to a range of technologies and HR services when they need them. In this regard, It is required to enroll in this program on or before 12-05-2023.

VENUE: Seminar Hall, Block – A.

Co-coordinator: Mr.P.VENKATESWARA RAO. Assistant Professor.













Department of Management Studies

  
CO-ORDINATOR

  
HOD

  
PRINCIPAL  
PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

Copy to Honorable Management for favor of information

DEPARTMENT	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	NOTICE BOARD	FILE
SIGNATURE												





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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

Academic Year : 2022-23

Date: 04-05-2023

Name of the program: A Two Week Add-On Program on "Intellectual Property Rights"

## COURSE SCHEDULE

S.No	Date	Topics To Be Covered
1	15-05-2023	Introduction to IPR
2	16-05-2023	Meaning of Intellectual Property Rights
3	17-05-2023	Kinds of Intellectual Property Rights
4	18-05-2023	Introduction to Patent rights
5	19-05-2023	Types of patents and inventions
6	22-05-2023	Introduction to copy rights
7	23-05-2023	Registration procedure, assignment & licence
8	24-05-2023	Registration of Trademarks
9	25-05-2023	Offences relating to trademarks
10	26-05-2023	Registration of Design

  
CO-ORDINATOR

  
IQAC CO-ORDINATOR

  
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ETCHERLA, Srikakulam-532410 (A.P)



**DEPARTMENT OF MANAGEMENT STUDIES  
SRI VENKATESWARA COLLEGE OF  
ENGINEERING AND TECHNOLOGY,  
ETHERLA, SRIKAKULAM, A.P**

INVITES YOU TO

**A TWO WEEK ADD ON  
PROGRAMME ON**

**“INTELLECTUAL  
PROPERTY RIGHTS”**

*With the support of experts from Department Of  
Management studies, SVCET, Etcherla*

**From 15-05-2023 to 26-05-2023**

CORDIALLY INVITES YOU



**Profile of SVCET**

Sri Venkateswara College of Engineering & Technology, Etcherla, Srikakulam (Dist.) was established in 2008 by VIKAS EDUCATIONAL SOCIETY (1997) with an avowed objective of accelerating the growth of science and technology in this industrially backward Srikakulam district. SVCET is accredited by NAAC in 2016. The Institution aims at providing state-of-the-art technology to the student community to broaden their horizon for a better and prospective tomorrow endowed with highly qualified and seasoned faculty on its rolls. Sri Venkateswara College of Engineering & Technology is committed to “Impart quality education to the youth enable them the right attitude, professional competency and inculcate ethical values. The Institute is a recipient of Best Green Campus award for 2017 by Govt. of A.P. in 2018.

**VISION:**

To enhance the managerial abilities of the students with holistic approach for global employment and entrepreneurship.

**MISSION:**

- M1) To facilitate and promote excellent learning through knowledge dissemination and training.
- M2) To promote conducive ambience of learning, growth & professionalism in both students and employees.
- M3) To inculcate respect for all and to take care of every one and allow them to manifest their highest potential through the tasks they do.

**About Department of  
MBA**

The MBA Department of SVCET was established in 2009. The department offers post graduate programme in MBA (Master of Business Administration) with specializations HR, Finance, Marketing under affiliated to JNTU, Kakinada.

It has an exclusive departmental library with reference books, in order to develop the innate skills of students everyday two hours are dedicated for seminars, team assignments, group discussions and various business and economic related activities. Students are encouraged to do regular case studies enabling them to understand the intricacies of management.


The department has well qualified and experienced faculty supported by trainers. The department adopts the right blend of practical approaches in training the students and placements.

Training programme on communication skills, presentation skills and interview skills, resume writing etc., being conducted to enhance the career prospects of students. A series of personality development programs are being conducted to encourage students to improve managerial skills.

**Objective of this Program**

The main objective of this Program is to provide an opportunity for students regarding as follows:

1. To make the students aware of their rights for the protection of their invention done in their project work
2. To demonstrate with products and ask the student to identify the different types of IPR's

  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



### Chief Patron

**Dr. B.Srirama Murthy**, Director, Vikas Educational society

### Patron

**Dr. S.C.V. RAMANA MURTHY NAIDU**, Principal, SVCET.

### Organizing committee

#### Convener:

**Dr.K.SATYAM**, Professor and Head,  
Department Of Management Studies

#### Coordinator:

**Mr,P.VENKATESWARA RAO**, Assistant  
Professor, Department Of Management Studies.

### Resource Person

**Dr.B.PRASADA RAO, M.B.A**  
Associate Professor,  
Dept. of MBA,  
Sri Sivani College of Engineering  
E-Mail: [prasadaraobondada@gmail.com](mailto:prasadaraobondada@gmail.com)  
Contact: 9912940557

### Program schedule

S. No	Date	Topics To Be Covered
1	15-05-2023	Introduction to IPR
2	16-05-2023	Meaning of Intellectual Property Rights
3	17-05-2023	Kinds of Intellectual Property Rights
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10	26-05-2023	Registration of Design

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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

### Registration and program management

#### Registration:

Please use google link given as  
<https://forms.gle/TfuFsERA4RE517cLgoU8>

#### Registration fee:

A registration fee of 100/- (One hundred only) is to be paid using Google pay or phone pay to the account as given below

Name: P.VENKATESWARA RAO

Google pay/ Phone pay: 9502236098

#### Program management online

The program will be conducted at SEMINAR HALL , Block-A from 9.30 AM Onwards. Programme schedule will be sent to participants in advance to their registered email ID.

#### Issuing of Certificate:

Certificate will be provided for the participants who attend sessions and submit feedback after program completion.

#### STUDENT REGISTRATION FORM

NAME :  
ROLL NO :  
INSTITUTION :  
CONTACT NO :  
E-Mail :

DATE: SIGNATURE

#### For More Details:

Convener: 8897182605

Coordinator: 9502236098

[www.svcet.info](http://www.svcet.info)

Email: [hodmgt.svcet@gmail.com](mailto:hodmgt.svcet@gmail.com)



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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on "Intellectual Property Rights"

### Enrolled Students List

S.NO	REGD.NO	NAME OF THE CANDIDATE	YEAR	BRANCH	SIGNATURE
1	22MT1E0001	ADHIKARAM NARAYANA RAO	I	MBA	A. narayana rao
2	22MT1E0002	ADHIKARLA SAISRUTHI	I	MBA	A. Sai Sruithi
3	22MT1E0003	ALAMANDA ARUNA KUMARI	I	MBA	A-ARUNA KUMARI
4	22MT1E0004	ALLU SEKHAR	I	MBA	A. sekhar
5	22MT1E0005	ALLU TRIVENI	I	MBA	A. Triveni
6	22MT1E0006	ANDHAVARAPU SWETHA	I	MBA	A. Swetha
7	22MT1E0007	ARASAVILLI JHANSI	I	MBA	B. Sai kumar
8	22MT1E0008	BAGADI SAI KUMAR	I	MBA	B. Saikumar
9	22MT1E0009	BAIPOTHU KALPANA	I	MBA	B. Kalpana
10	22MT1E0010	BALA SRINIVASA RAO SARANYA	I	MBA	B.S. Saranya
11	22MT1E0011	BALABADRUNI PRAGNA LATHA	I	MBA	B. Pragna latha
12	22MT1E0012	BALAGA SANTHOSHI LAKSHMI	I	MBA	B. Santhoshi
13	22MT1E0013	BANDI JHANSI	I	MBA	B. Jhansi
14	22MT1E0014	BARATAM MANIKANTA	I	MBA	B. Manikanta
15	22MT1E0015	BASI SANMUKHA SWAMI	I	MBA	B. Sanmukha Swami
16	22MT1E0016	BASWA AKASH	I	MBA	B. Akash
17	22MT1E0017	BATTILI TAVITINAIDU	I	MBA	Tavitinaidu
18	22MT1E0018	BHANUDEVAPURAPU SRINIVAS	I	MBA	B. Srinivas
19	22MT1E0019	BORA SAIKUMAR	I	MBA	B. Sai Kumar





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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

20	22MT1E0020	CHAPALA HEMALATHA	I	MBA	Ch. hemalatha
21	22MT1E0021	DABBIRU KUSUMA	I	MBA	D. Kusuma
22	22MT1E0022	DEERGASI HARI PRIYA	I	MBA	D. Hari Priya
23	22MT1E0023	DUGANA TARAKESWARA RAO	I	MBA	D. tarakeswara
24	22MT1E0024	DUVVU UPENDRA	I	MBA	D. upendra
25	22MT1E0025	ERADALA GIRISHKUMAR	I	MBA	E. Girish Kumar
26	22MT1E0026	GANAGALLA JYOTHSNA	I	MBA	G. jyothsna
27	22MT1E0027	GEDELA DHANA LAKSHMI	I	MBA	G. Dhana Lakshmi
28	22MT1E0028	GIRADA RENUKA	I	MBA	G. Renuka
29	22MT1E0029	GOLLANGI BHAGYA LAKSHMI	I	MBA	G. Bhagya Lakshmi
30	22MT1E0030	GUJJALA MOUNIKA	I	MBA	G. Mounika
31	22MT1E0031	GUNTREDDI ANUSHA	I	MBA	G. Anusha
32	22MT1E0032	GUNUPURU SWATHI	I	MBA	G. Swathi
33	22MT1E0033	GURRALA DHILLESWARA RAO	I	MBA	G. Dhilleswara Rao
34	22MT1E0034	GURUGUBELLI SIVA SAI	I	MBA	G. Siva Sai
35	22MT1E0035	IPPILI VENU	I	MBA	I. Venu
36	22MT1E0036	JALLU ISWARYA	I	MBA	J. Iswarya
37	22MT1E0037	JALUMURU PUSPALATHA	I	MBA	J. Puspallatha
38	22MT1E0038	JEGURUPATI SUDHARSHAN	I	MBA	J. Sudharshan
39	22MT1E0039	KALLURI RAJESH	I	MBA	K. Rajesh
40	22MT1E0040	KANAKALA RAMANI	I	MBA	K. Ramani
41	22MT1E0041	KANAKAM GOWTHAM	I	MBA	K. Gowtham
42	22MT1E0042	KANCHARAPU TEJESWARA RAO	I	MBA	K. Tejeswara Rao
43	22MT1E0043	KANDI CHANUKYA	I	MBA	K. Chanukya
44	22MT1E0044	KANITHI ARUN KUMAR	I	MBA	K. Arunkumar
45	22MT1E0045	KANITHI VANDANA CHOWDARY	I	MBA	K. Vandana Chowdary
46	22MT1E0046	KILLARA VEDAVYAS	I	MBA	K. Vedavyas
47	22MT1E0047	KINTHALI YASWANATH KUMAR	I	MBA	K. Yaswanth Kumar



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48	22MT1E0048	KOLA YUGAL KUMAR	I	MBA	K. Yugal Kumar
49	22MT1E0049	KOMALI SARAYU	I	MBA	K. SARAYU
50	22MT1E0050	KOMMABATHULA SUSHMA	I	MBA	K. Sushma
51	22MT1E0051	KONETI SIVANI	I	MBA	K. Sivani
52	22MT1E0052	KORADA SUPRAJA	I	MBA	K. Supraja
53	22MT1E0053	KOSURU RAHUL ACHARI	I	MBA	K. Rahulachari
54	22MT1E0054	KUMMARI DAMAYANTHY	I	MBA	K. DAMAYANTHY
55	22MT1E0055	KUPPA YASVANTH	I	MBA	K. Yaswanth
56	22MT1E0056	LANKALAPALLI SUSHMA	I	MBA	L. Sushma
57	22MT1E0057	LINGALA SANGEETHA	I	MBA	L. Sangeetha
58	22MT1E0058	LOTTI RAMAKRISHNA	I	MBA	L. Ramakrishna
59	22MT1E0059	MAJJI BHAGYALAKSHMI	I	MBA	M. Bhagyalakshmi
60	22MT1E0060	MAJJI NEERAJA	I	MBA	M. Neeraja
61	22MT1E0061	MANDA PADMA VATHI	I	MBA	M. Padmavathi
62	22MT1E0062	MENDA RAMA KRISHNA RAO	I	MBA	M. R. Krishna Rao
63	22MT1E0063	MUDDADA GUNA SEKHAR	I	MBA	M. Gunesekhar
64	22MT1E0064	MUGADA VINOD KUMAR	I	MBA	M. Vinod Kumar
65	22MT1E0065	NAKKA VIRAJA	I	MBA	N. Viraja
66	22MT1E0066	NAMBALLA PAVITHRA	I	MBA	N. Pavithra
67	22MT1E0067	NIMMA HARI REDDY	I	MBA	N. Hari Reddy
68	22MT1E0068	PAKKI SREELALITHA	I	MBA	P. Sreelalitha
69	22MT1E0069	PALLA SIVA	I	MBA	P. Siva
70	22MT1E0070	PATRO DIVAKAR	I	MBA	P. Divakar
71	22MT1E0071	PEDADA JAGADEESH	I	MBA	P. Jagadeesh
72	22MT1E0072	PEDADA NRUSIMHA MURTHY	I	MBA	P. N. Murthy
73	22MT1E0073	PENTA CHANDINI	I	MBA	P. Chandini
74	22MT1E0074	PERAPATRUNI NIKHIL SAI	I	MBA	P. Nikhil Sai
75	22MT1E0075	PINGALI GOWTHAM	I	MBA	P. Gowtham





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76	22MT1E0076	POLAKI MANOJA	I	MBA	F. Manoja
77	22MT1E0077	PONNADA LAKSHMANA RAO	I	MBA	P. Kakshman Rao
78	22MT1E0078	PONNADA SUDHEER	I	MBA	P. Sudheer
79	22MT1E0079	PUSAPATI SANJANA	I	MBA	P. Sanjana
80	22MT1E0080	PUTTEPU SASIKALA	I	MBA	P. Sasikala
81	22MT1E0081	PYDI KEERTHIKA	I	MBA	P. Keerthika
82	22MT1E0082	RAMAMUNI LAHARIKA	I	MBA	R. Laharika
83	22MT1E0083	RAUTO BAILUDU	I	MBA	R. Bailudu
84	22MT1E0084	RICHA SIGILLIPALLY	I	MBA	Richa
85	22MT1E0085	RUPPA JAGADEESH	I	MBA	R. Jagadeesh
86	22MT1E0086	RUPPA REVATHI	I	MBA	R. Revathi
87	22MT1E0087	SAGI SWATHI	I	MBA	S. Swathi
88	22MT1E0088	SANDHYA SRI DODLA	I	MBA	Sandhya Sri
89	22MT1E0089	SANJIVI BHAVANI	I	MBA	S. Bhavani
90	22MT1E0090	SATTARU SYAM PRASAD	I	MBA	S. Syam Prasad
91	22MT1E0091	SAVADA RAMAKRISHNA	I	MBA	S. Ramakrishna
92	22MT1E0092	SEERAPU SUJATHA	I	MBA	S. Sujatha
93	22MT1E0093	SENAPATHI HEMALATHA	I	MBA	S. Hemalatha
94	22MT1E0094	SIDDULA SOWMYA	I	MBA	S. Sowmya
95	22MT1E0095	SIMHADRI AMRUTHAKUMARI	I	MBA	S. Amruthakumari
96	22MT1E0096	SINGUPURAM RAJESH	I	MBA	S. Rajesh
97	22MT1E0097	SODIPILLI SIREESHA	I	MBA	S. Sireesha
98	22MT1E0098	SUDA SURENDRA KUMAR REDDY	I	MBA	S. Surendra Kumar Reddy
99	22MT1E0099	SURADA MOHAN SAI	I	MBA	S. Mohan Sai
100	22MT1E00A0	TEEMALA DIVYA SRI	I	MBA	T. Divya Sri
101	22MT1E00A1	TULAGAPU ALIVELU	I	MBA	<del>T. Alivelu</del>
102	22MT1E00A2	UDANDARAO VINEESHA	I	MBA	U. Vineesha
103	22MT1E00A3	UDHANDARAO ANUSHA	I	MBA	U. Anusha



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104	22MT1E00A4	UMMIDI SAI RAKESH	I	MBA	<i>U. Sai Rakesh</i>
105	22MT1E00A5	VARADI VENKATESH	I	MBA	<i>V. Venkatesh</i>
106	22MT1E00A6	VARANASI HYMAVATHI	I	MBA	<i>V. Hymanvathi</i>
107	22MT1E00A7	VENKUMAHANATHI CHANDINI	I	MBA	<i>V. Chandini</i>
108	22MT1E00A8	VISWESWARA RAO CH	I	MBA	<i>V. Swara</i>
109	22MT1E00A9	VYSYARAJU BALARAJU	I	MBA	<i>V. Balraj</i>
110	22MT1E00B0	YENNI RAJESH	I	MBA	<i>X. Rajesh</i>

*[Signature]*  
CO-ORDINATOR

*[Signature]*  
IQAC CO-ORDINATOR

*[Signature]*  
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ETCHERLA, Srikakulam-532410, (A.P.)





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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on “Intellectual Property Rights”

### Day Wise Attendance Sheet

S.NO	REGD.NO	NAME OF THE CANDIDATE	15/ 5	16/ 5	17/ 5	18/ 5	19/ 5	22/ 5	23/ 5	24/ 5	25/ 5	26/ 5
1	22MT1E0001	ADHIKARAM NARAYANA RAO	P	P	P	P	A	P	P	P	P	P
2	22MT1E0002	ADHIKARLA SAISRUTHI	P	P	P	P	P	P	P	A	P	P
3	22MT1E0003	ALAMANDA ARUNA KUMARI	P	P	P	P	P	P	P	P	P	P
4	22MT1E0004	ALLU SEKHAR	P	P	P	P	P	P	P	A	P	P
5	22MT1E0005	ALLU TRIVENI	P	P	P	P	P	P	P	P	P	P
6	22MT1E0006	ANDHAVARAPU SWETHA	P	P	P	P	P	P	P	P	P	P
7	22MT1E0007	ARASAVILLI JHANSI	P	P	P	P	P	P	P	P	A	P
8	22MT1E0008	BAGADI SAI KUMAR	P	P	P	P	P	P	P	P	P	P
9	22MT1E0009	BAIPOTHU KALPANA	P	P	P	P	A	P	P	P	P	P
10	22MT1E0010	BALA SRINIVASA RAO SARANYA	P	P	P	P	P	P	P	P	P	A
11	22MT1E0011	BALABADRUNI PRAGNA LATHA	P	P	P	P	P	P	P	P	A	P
12	22MT1E0012	BALAGA SANTHOSHI LAKSHMI	P	P	P	P	P	P	P	P	P	P
13	22MT1E0013	BANDI JHANSI	P	P	P	P	P	P	P	P	P	P
14	22MT1E0014	BARATAM MANIKANTA	P	P	P	P	P	P	P	P	P	P
15	22MT1E0015	BASI SANMUKHA SWAMI	P	P	P	P	P	P	P	P	P	P
16	22MT1E0016	BASWA AKASH	P	P	P	P	P	P	P	P	P	P
17	22MT1E0017	BATTILI TAVITINAIDU	P	P	P	P	P	P	P	P	A	P
18	22MT1E0018	BHANUDEVAPURAPU SRINIVAS	P	P	P	P	P	P	P	P	P	P
19	22MT1E0019	BORA SAIKUMAR	P	P	P	P	P	P	P	A	P	P
20	22MT1E0020	CHAPALA HEMALATHA	A	P	P	P	P	P	P	P	P	P
21	22MT1E0021	DABBIRU KUSUMA	P	P	P	P	P	P	P	P	P	P
22	22MT1E0022	DEERGASI HARI PRIYA	P	P	P	P	P	A	P	P	P	P













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83	22MT1E0083	RAUTO BAILUDU	P	P	P	P	P	P	P	P	P	P
84	22MT1E0084	RICHA SIGILLIPALLY	P	P	P	P	P	P	P	P	P	P
85	22MT1E0085	RUPPA JAGADEESH	P	P	P	P	P	P	P	P	P	P
86	22MT1E0086	RUPPA REVATHI	P	P	P	P	P	P	P	P	P	P
87	22MT1E0087	SAGI SWATHI	P	P	P	P	P	P	P	P	P	P
88	22MT1E0088	SANDHYA SRI DODLA	P	P	P	P	P	P	P	P	P	P
89	22MT1E0089	SANJIVI BHAVANI	P	P	P	P	P	P	P	P	P	P
90	22MT1E0090	SATTARU SYAM PRASAD	P	P	P	P	P	P	P	P	P	P
91	22MT1E0091	SAVADA RAMAKRISHNA	P	P	P	P	P	P	P	P	P	P
92	22MT1E0092	SEERAPU SUJATHA	P	P	P	P	P	P	P	P	P	P
93	22MT1E0093	SENAPATHI HEMALATHA	P	P	P	P	P	P	P	P	P	P
94	22MT1E0094	SIDDULA SOWMYA	P	P	P	P	P	P	P	P	P	P
95	22MT1E0095	SIMHADRI AMRUTHAKUMARI	P	P	P	P	P	P	P	P	P	P
96	22MT1E0096	SINGUPURAM RAJESH	P	P	P	P	P	P	P	P	P	P
97	22MT1E0097	SODIPILLI SIREESHA	P	P	P	P	P	P	P	P	P	P
98	22MT1E0098	SUDA SURENDRA KUMAR REDDY	P	P	P	P	P	P	P	P	P	P
99	22MT1E0099	SURADA MOHAN SAI	P	P	P	P	P	P	P	P	P	P
100	22MT1E00A0	TEEMALA DIVYA SRI	P	P	P	P	P	P	P	P	P	P
101	22MT1E00A1	TULAGAPU ALIVELU	P	P	P	P	P	P	P	P	P	P
102	22MT1E00A2	UDANDARAO VINEESHA	P	P	P	P	P	P	P	P	P	P
103	22MT1E00A3	UDHANDARAO ANUSHA	P	P	P	P	P	P	P	P	P	P
104	22MT1E00A4	UMMIDI SAI RAKESH	P	P	P	P	P	P	P	P	P	P
105	22MT1E00A5	VARADI VENKATESH	P	P	P	P	P	P	P	P	P	P
106	22MT1E00A6	VARANASI HYMAVATHI	P	P	P	P	P	P	P	P	P	P
107	22MT1E00A7	VENKUMAHANATHI CHANDINI	P	P	P	P	P	P	P	P	P	P
108	22MT1E00A8	VISWESWARA RAO CH	P	P	P	P	P	P	P	P	P	P
109	22MT1E00A9	VYSYARAJU BALARAJU	P	P	P	P	P	P	P	P	P	P
110	22MT1E00B0	YENNI RAJESH	P	P	P	P	P	P	P	P	P	P

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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Date: 27-05-2023

### PROGRAM REPORT

- Name of the program** : A Two Week Add-On Program on “ Intellectual Property Rights”
- Date** : 15-05-2023 to 26-05-2023
- Details of Resource Persons** : Dr.B.PRASADA RAO, M.B.A,Ph.D  
Associate Professor,  
Dept. of MBA,  
Sri Sivani College of Engineering  
[prasadaraobondada@gmail.com](mailto:prasadaraobondada@gmail.com)  
9912940557
- Details of Program coordinator** : Mr.P.VENKATESWARA RAO, M.B.A  
Assistant Professor,  
Dept. of MBA,  
Sri Venkateswara College of Engineering and  
Technology  
[venkataramanap32@gmail.com](mailto:venkataramanap32@gmail.com)  
9502236098

#### Programme Objectives:

- To make the students aware of their rights for the protection of their invention done in their project work
- To get registration in our country and foreign countries of their invention, designs and thesis or theory written by the students during their project work and for this they must have knowledge of patents, copyrights, trademarks, designs and information technology act.
- To demonstrate with products and ask the student to identify the different types of IPR's



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## Topics covered:

1. Introduction to IPR
2. Meaning of Intellectual Property Rights
3. Kinds of Intellectual Property Rights
4. Introduction to Patent rights
5. Types of patents and inventions
6. Introduction to copy rights
7. Registration procedure, assignment & licence
8. Registration of Trademarks
9. Offences relating to trademarks
10. Registration of Design

## Programme Outcomes:

On completion of the course, student should be able to:

- The students once they complete their academic projects, they get awareness of acquiring the patent.
- They also learn to have copyright for their innovative works.
- They also get the knowledge of plagiarism in their innovations which can be questioned legally.

Number of participants : 110

  
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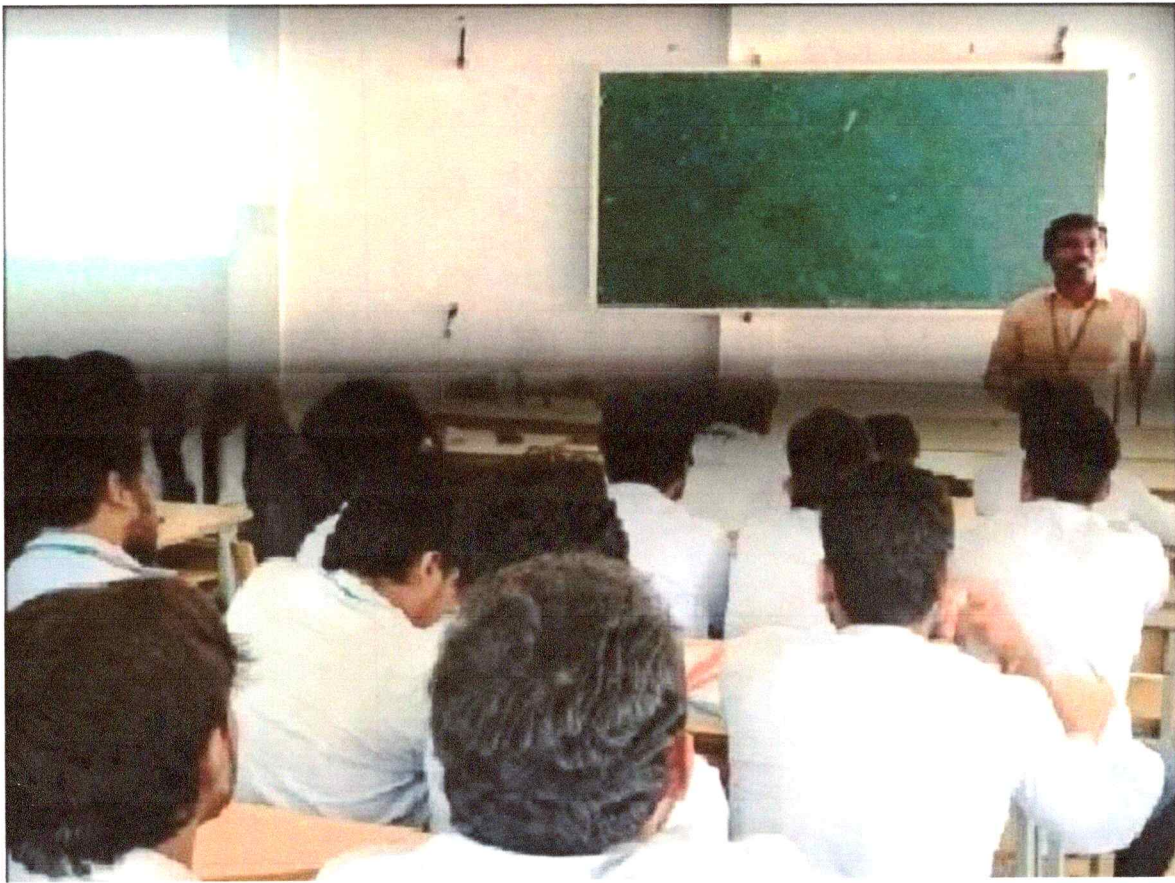
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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on "Intellectual Property Rights".

This Programme was very useful to the students and their feedback is positive. Thanked to resource person and participants for making programme successful.



  
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## PARTICIPATION CERTIFICATE

This is to certify that ADHIKARLA SAI SRUTHI from MBA I YEAR has participated in A Two week certificate Program on " INTELLECTUAL PROPERTY RIGHTS " organized by Department of Management Studies , Sri Venkateswara College of Engineering and Technology, Srikakulam from 15-05-2023 To 26-05-2023.

Dr.K.Satyam  
HOD-MBA

SRI VENKATESWARA COLLEGE  
SRIKAKULAM

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

Dr.S.C.V. Ramana Murthy  
PRINCIPAL





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## PARTICIPATION CERTIFICATE

This is to certify that KUPPA YASVANTH from MBA I YEAR has participated in A Two week certificate Program on " INTELLECTUAL PROPERTY RIGHTS " organized by Department of Management Studies , Sri Venkateswara College of Engineering and Technology, Srikakulam from 15-05-2023 To 26-05-2023.

*Dr. K. Satyam*

Dr.K.Satyam  
HOD-MBA

*Dr. S.C.V. Ramana Murthy*

PRINCIPAL

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ETCHERLA, Srikakulam-532410 (A.P)

Dr.S.C.V. Ramana Murthy  
PRINCIPAL



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Date: 04-07-2022

## CIRCULAR

Here by informed to all the students of MBA, that the Department of Management Studies is planning to organize **A Two-week Add-On Program on "Virtual HR"** from **11-07-2022** to **22-07-2022**. This program is aimed at enhancing your skills and knowledge in the field of Virtual HR that how to connect employees to a range of technologies and HR services when they need them. In this regard, It is required to enroll in this program on or before **08-07-2022**.


VENUE: Seminar Hall, Block – A.

Co-ordinator: Mr. CH. SURESH. Assistant Professor













Department of Management Studies

  
CO-ORDINATOR

  
HOD

  
**PRINCIPAL**  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)

**Copy to Honorable Management for favor of information**

DEPARTMENT	IQAC	CE	EEE	ME	ECE	CSE	AIML	BS&H	MBA	OFFICE	NOTICE BOARD	FILE
SIGNATURE												





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Academic Year : 2022-23

Date: 04-07-2022

Name of the program: A Two Week Add-On Program on "Virtual HR"

## COURSE SCHEDULE

S.No	Date	Topics To Be Covered
1	11-07-2022	Introduction to Virtual HR
2	12-07-2022	Easier access to HR department
3	13-07-2022	On boarding new employees
4	14-07-2022	Reporting performance analytics
5	15-07-2022	Organizing payrolls
6	18-07-2022	Tracking new applicants
7	19-07-2022	Off boarding terminated or retired employees
8	20-07-2022	Security problems
9	21-07-2022	Impersonal practices
10	22-07-2022	Training and development

  
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DEPARTMENT OF MANAGEMENT STUDIES  
SRI VENKATESWARA COLLEGE OF  
ENGINEERING AND TECHNOLOGY,  
ETHERLA, SRIKAKULAM, A.P

INVITES YOU TO

A TWO WEEK ADD ON  
PROGRAMME ON

**“VIRTUAL HR”**

*With the support of experts from Department Of  
Management studies, SVCET, Etcherla*

**From 11-07-2022 to 22-07-2022**

CORDIALLY INVITES YOU



**Profile of SVCET**

Sri Venkateswara College of Engineering & Technology, Etcherla, Srikakulam (Dist.) was established in 2008 by VIKAS EDUCATIONAL SOCIETY (1997) with an avowed objective of accelerating the growth of science and technology in this industrially backward Srikakulam district. SVCET is accredited by NAAC in 2016. The Institution aims at providing state-of-the-art technology to the student community to broaden their horizon for a better and prospective tomorrow endowed with highly qualified and seasoned faculty on its rolls. Sri Venkateswara College of Engineering & Technology is committed to “Impart quality education to the youth enable them the right attitude, professional competency and inculcate ethical values. The Institute is a recipient of Best Green Campus award for 2017 by Govt. of A.P. in 2018.

**VISION:**

To enhance the managerial abilities of the students with holistic approach for global employment and entrepreneurship.

**MISSION:**

M1) To facilitate and promote excellent learning through knowledge dissemination and training.

M2) To promote conducive ambience of learning, growth & professionalism in both students and employees.

M3) To inculcate respect for all and to take care of every one and allow them to manifest their highest potential through the tasks they do.

**About Department of  
MBA**

The MBA Department of SVCET was established in 2009. The department offers post graduate programme in MBA (Master of Business Administration) with specializations HR, Finance, Marketing under affiliated to JNTU, Kakinada.

It has an exclusive departmental library with reference books, in order to develop the innate skills of students everyday two hours are dedicated for seminars, team assignments, group discussions and various business and economic related activities. Students are encouraged to do regular case studies enabling them to understand the intricacies of management.

The department has well qualified and experienced faculty supported by trainers. The department adopts the right blend of practical approaches in training the students and placements.

Training programme on communication skills, presentation skills and interview skills, resume writing etc., being conducted to enhance the career prospects of students. A series of personality development programs are being conducted to encourage students to improve managerial skills.

**Objective of this Program**

The main objective of this Program is to provide an opportunity for students regarding as follows:

1. To gain knowledge about online platforms and tools, such as video conferencing, online collaboration tools and cloud-based HR software.
2. To study remotely and serve clients from anywhere in the world, offering a more flexible work environment.

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410, A.P.



**Chief Patron**

**Dr. B.Srirama Murthy**, Director, Vikas Educational society

**Patron**

**Dr. S.C.V. RAMANA MURTHY NAIDU**, Principal, SVCET.

**Organizing committee**

**Convener:**

**Dr.K.SATYAM**, Professor and Head, Department Of Management Studies

**Coordinator:**

**Mr,CH.SURESH**, Assistant Professor, Department Of Management Studies.

**Resource Person**

**Ms.A.RUKMINI,**

Assistant Professor, Department Of Management Studies.

Dept. of MBA,


Sri Venkateswara College of Engineering and Technology

E-Mail: [a\\_rukmini0798@gmail.com](mailto:a_rukmini0798@gmail.com)

Contact: 6305425849

**Program schedule**

S. No	Date	Topics To Be Covered
1	11-07-2022	Introduction to Virtual HR
2	12-07-2022	Easier access to HR department
3	13-07-2022	On boarding new employees
4	14-07-2022	Reporting performance analytics
5	15-07-2022	Organizing payrolls
6	18-07-2022	Tracking new applicants
7	19-07-2022	Off boarding terminated or retired employees
8	20-07-2022	Security problems
9	21-07-2022	Impersonal practices
10	22-07-2022	Training and development

  
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**Registration and program management**

**Registration:**

Please use google link given as <https://forms.gle/TfuFsERA4RE517cLgoU8>

**Registration fee:**

A registration fee of 100/- (One hundred only) is to be paid using Google pay or phone pay to the account as given below

**Name:** CH.SURESH

**Google pay/ Phone pay:** 9666006991

**Program management online**

The program will be conducted at AUDITORIUM, Block-C from 9.30 AM Onwards. Programme schedule will be sent to participants in advance to their registered email ID.

**Issuing of Certificate:**

Certificate will be provided for the participants who attend sessions and submit feedback after program completion.

**STUDENT REGISTRATION FORM**

NAME :

ROLL NO :

INSTITUTION :

CONTACT NO :

E-Mail :

DATE:

SIGNATURE

**For More Details:**

**Convener:** 8897182605

**Coordinator:** 9666006991

[www.svcet.info](http://www.svcet.info)

Email: [hodmgt.svcet@gmail.com](mailto:hodmgt.svcet@gmail.com)



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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on "Virtual HR"

### Enrolled Students List

S.NO	REGD.NO	NAME OF THE CANDIDATE	YEAR	BRANCH	SIGNATURE
1	21MT1E0001	AKUNDI RATNASREE	II	MBA	A.Ratnasree
2	21MT1E0003	ANAKAPALLI HARISH	II	MBA	A. Harish
3	21MT1E0004	ANARASI ALISHA PATRO	II	MBA	A. Alisha Patro
4	21MT1E0005	ANUSHA PANDEY	II	MBA	P. Anusha
5	21MT1E0006	BANGARU SURYA BHARGAVI	II	MBA	B. Surya Bhargavi
6	21MT1E0008	ANTHARAKONDA JYOTHI	II	MBA	A. Jyothi
7	21MT1E0010	BEHARA SAI SRAVANTHI	II	MBA	B. Sai Sravanthi
8	21MT1E0011	BOMMALI KUMAR	II	MBA	B. Kumar V
9	21MT1E0012	CHALLA SANTOSHI KUMARI	II	MBA	ch. santhosikumari
10	21MT1E0013	DASARI MOHAN KRISHNA	II	MBA	D. Mohan Krishna
11	21MT1E0014	DUNGA VINEETH	II	MBA	D. vineeth
12	21MT1E0015	DUNNA SUBHASRI	II	MBA	D. Subhasri
13	21MT1E0016	GADI RAMBABU	II	MBA	G. Rambabu
14	21MT1E0018	GEMBALI SARASWATHI	II	MBA	G. Saraswathi
15	21MT1E0019	GORLE SANKAR	II	MBA	G. Sankar
16	21MT1E0020	JADDU RAMYA	II	MBA	J. Ramya
17	21MT1E0021	JAGANNADHA SAHU	II	MBA	J. Sahu
18	21MT1E0022	KADAMBALA SURENDRAKUMAR	II	MBA	K. Surendrakumar
19	21MT1E0023	KARIMI MINNA RAO	II	MBA	K. Minna





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20	21MT1E0024	KILLARI CHINNI	II	MBA	K. chinni
21	21MT1E0025	KINTHALA SREEKANTH	II	MBA	K. Sreekanth
22	21MT1E0026	KONNA NOOKA RAJU	II	MBA	K. Nookaraju
23	21MT1E0027	KOSURU NAVEEN KUMAR	II	MBA	K. Hemanth Reddy
24	21MT1E0028	KOTEDDI HEMANTH REDDY	II	MBA	K. Naveen Kumar
25	21MT1E0029	KOVVURU VINODH KUMAR	II	MBA	K. Vinodh Kumar
26	21MT1E0030	KUDDIGANA RAVIKANTH	II	MBA	K. Ravikanth
27	21MT1E0031	KUMMARI SANKARA RAO	II	MBA	K. Sankarao
28	21MT1E0032	MANDAPAKA PALLAVI	II	MBA	M. Pallavi
29	21MT1E0033	MAVUDURU VENKATA KRISHNA SHARMA	II	MBA	M. V. Krishna Sharma
30	21MT1E0035	MITTANA SUNEETHA	II	MBA	M. Suneetha
31	21MT1E0036	MONGAM SATEESH	II	MBA	M. Sateesh
32	21MT1E0037	MOYYA SRAVANI	II	MBA	M. Sravani
33	21MT1E0038	MUDULA DIVYA	II	MBA	M. Divya
34	21MT1E0039	DABBEERU PADMAJA	II	MBA	D. Padmaja
35	21MT1E0040	PALLI SEKHAR	II	MBA	P. Sekhar
36	21MT1E0041	PATNANA BABJI	II	MBA	P. Babji
37	21MT1E0042	PEDDINTI HARIKA	II	MBA	P. Harika
38	21MT1E0043	PILLALA SIREESHA	II	MBA	P. Sireesha
39	21MT1E0044	PINAKANA KRISHNA RAO	II	MBA	P. Krishana Rao
40	21MT1E0045	PONDARA PRAVEEN	II	MBA	P. Praveen
41	21MT1E0046	POTNURU AJITH	II	MBA	P. Ajith
42	21MT1E0047	POTNURU SREEJA	II	MBA	P. Sreeja
43	21MT1E0049	PUSARALLA DEVI	II	MBA	P. Devi
44	21MT1E0050	PYDI PARVATHI KUMAR	II	MBA	P. Parvathikumar
45	21MT1E0051	RAJESH VEMPATAPU	II	MBA	V. Rajesh
46	21MT1E0052	RATNALA NAVEEN	II	MBA	R. Naveen
47	21MT1E0053	REDDI NAVEEN	II	MBA	R. Naveen



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48	21MT1E0054	SANAPALA HIMASRI	II	MBA	S. Himasri
49	21MT1E0055	SANAPALA SURYAKIRAN	II	MBA	S. Surya Kiran
50	21MT1E0057	SEERA VAGDEVI	II	MBA	S. VAGDEVI
51	21MT1E0058	SHIVANI SAHU	II	MBA	S. Sahu
52	21MT1E0059	SIMHADRI PUSHPA LATHA	II	MBA	S. Pushpa
53	21MT1E0060	SOMINAYANA PRASUNA	II	MBA	S. Prasuna
54	21MT1E0061	SRINIVASA RAO PATRUNI	II	MBA	P. Srinivasa Rao
55	21MT1E0062	SURA SWATHI	II	MBA	S. Swathi
56	21MT1E0064	TELIDEVARAPALLI MADHULATHA	II	MBA	T. Madhulatha
57	21MT1E0065	UTLA SRAVYA	II	MBA	U. Sravya
58	21MT1E0066	VADDI JEEVAN RAO	II	MBA	V. Jeevan Rao
59	21MT1E0067	YAGATI NAVEEN	II	MBA	Y. Naveen
60	21MT1E0069	YALAKALA BHASKARA RAO	II	MBA	Y. Bhaskara Rao
61	21MT1E0080	BARRI MOHANA RAO	II	MBA	B. Mohana Rao
62	21MT1E0081	BENDI YASWANTH SRI SAI SASTHRY	II	MBA	B. Yaswanth Sri Sai Sasthry
63	21MT1E0082	G HARITA	II	MBA	G. Harita
64	21MT1E0083	KOORADA GNANESWARA GUPTHA	II	MBA	K. Gnaneswara Gupta
65	21MT1E0084	POGIRI PARAMESWARA RAO	II	MBA	P. Parameswara Rao
66	21MT1E0085	TALABHAKTULA CHANDINI	II	MBA	T. Chandini
67	21MT1E0086	MOHAMMAD ILIYAS HUSSAIN	II	MBA	M. I. Hussain

CO-ORDINATOR

IQAC CO-ORDINATOR

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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on "Virtual HR"

### Day Wise Attendance Sheet

S.NO	REGD.NO	NAME OF THE CANDIDATE	11/ 7	12/ 7	13/ 7	14/ 7	15/ 7	18/ 7	19 /7	20/ 7	21/ 7	22/ 7
1	21MT1E0001	AKUNDI RATNASREE	P	P	A	P	P	P	P	P	P	P
2	21MT1E0003	ANAKAPALLI HARISH	A	P	P	P	A	P	P	P	P	P
3	21MT1E0004	ANARASI ALISHA PATRO	P	P	P	P	P	P	P	P	P	P
4	21MT1E0005	ANUSHA PANDEY	P	P	P	P	P	P	P	P	P	P
5	21MT1E0006	BANGARU SURYA BHARGAVI	P	P	A	P	P	P	P	P	P	P
6	21MT1E0008	ANTHARAKONDA JYOTHI	P	P	P	P	P	P	P	P	P	P
7	21MT1E0010	BEHARA SAI SRAVANTHI	P	P	P	P	P	P	P	P	P	P
8	21MT1E0011	BOMMALI KUMAR	P	P	P	P	P	P	P	P	P	P
9	21MT1E0012	CHALLA SANTOSHI KUMARI	P	P	P	A	P	P	P	A	P	P
10	21MT1E0013	DASARI MOHAN KRISHNA	P	P	A	P	P	P	P	P	P	P
11	21MT1E0014	DUNGA VINEETH	A	P	A	P	P	P	P	P	P	P
12	21MT1E0015	DUNNA SUBHASRI	P	P	P	P	A	P	P	P	P	P
13	21MT1E0016	GADI RAMBABU	P	P	P	P	P	P	P	P	P	P
14	21MT1E0018	GEMBALI SARASWATHI	P	P	P	P	P	P	P	P	P	P
15	21MT1E0019	GORLE SANKAR	P	P	P	P	P	P	P	P	P	P
16	21MT1E0020	JADDU RAMYA	P	A	P	P	P	P	P	P	P	P
17	21MT1E0021	JAGANNADHA SAHU	P	P	P	P	A	P	P	P	A	P
18	21MT1E0022	KADAMBALA SURENDRAKUMAR	P	P	P	P	P	P	P	P	P	P
19	21MT1E0023	KARIMI MINNA RAO	P	P	A	A	P	P	P	A	P	A
20	21MT1E0024	KILLARI CHINNI	P	P	P	P	P	P	P	P	P	P
21	21MT1E0025	KINTHALA SREEKANTH	A	P	P	P	P	A	P	P	P	P
22	21MT1E0026	KONNA NOOKA RAJU	A	P	P	P	P	P	P	P	P	P
23	21MT1E0027	KOSURU NAVEEN KUMAR	P	P	A	A	A	P	P	P	P	P









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53	21MT1E0060	SOMINAYANA PRASUNA	P	P	A	P	P	P	P	P	P	P
54	21MT1E0061	SRINIVASA RAO PATRUNI	A	P	P	P	P	P	P	P	P	P
55	21MT1E0062	SURA SWATHI	P	P	P	P	P	P	A	P	P	P
56	21MT1E0064	TELIDEVARAPALLI MADHULATHA	P	P	A	P	P	P	P	P	P	P
57	21MT1E0065	UTLA SRAVYA	P	P	P	P	A	P	P	P	P	P
58	21MT1E0066	VADDI JEEVAN RAO	P	P	P	P	P	P	P	P	P	P
59	21MT1E0067	YAGATI NAVEEN	P	P	P	P	P	P	P	P	P	P
60	21MT1E0069	YALAKALA BHASKARA RAO	A	P	P	P	P	P	P	P	P	P
61	21MT1E0080	BARRI MOHANA RAO	P	P	P	A	P	A	P	P	P	P
62	21MT1E0081	BENDI YASWANTH SRI SAI SASTHRY	P	P	P	P	P	P	A	P	A	P
63	21MT1E0082	G HARITA	P	P	P	P	P	P	P	P	P	P
64	21MT1E0083	KOORADA GNANESWARA GUPTHA	P	P	P	P	P	P	P	P	P	P
65	21MT1E0084	POGIRI PARAMESWARA RAO	P	P	P	P	P	P	P	P	P	P
66	21MT1E0085	TALABHAKTULA CHANDINI	P	P	P	P	P	P	P	P	P	P
67	21MT1E0086	MOHAMMAD ILIYAS HUSSAIN	A	P	A	P	A	P	A	P	P	A

*Sch*  
CO-ORDINATOR

*Jm*  
IQAC CO-ORDINATOR

*[Signature]*  
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Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)



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Office : +91 9705576693, email: principal\_svcet@yahoo.com, website: www.svcet.info

## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Date: 23-07-2022

### PROGRAM REPORT

**Name of the program** : A Two Week Add-On Program on “ Virtual HR”

**Date** : 11-07-2022 to 22-07-2022

**Details of Resource Persons** : Ms.A.RUKMINI, M.B.A,  
Assistanat Professor,  
Dept. of MBA,  
Sri Venkateswara College of Engineering and  
Technology  
[a.rukmini0798@gmail.com](mailto:a.rukmini0798@gmail.com)  
6305425849

**Details of Program coordinator** : Mr.CH.SURESH, M.B.A  
Assistant Professor,  
Dept. of MBA,  
Sri Venkateswara College of Engineering and  
Technology  
[sureshchintada29@gmail.com](mailto:sureshchintada29@gmail.com)  
9666006991

#### **Programme Objectives:**

- To gain knowledge about online platforms and tools, such as video conferencing, online collaboration tools and cloud-based HR software.
- To study remotely and serve clients from anywhere in the world, offering a more flexible work environment.
- To know how to maintain physical office space and reduce travel costs, making it a more cost-effective solution for organisations.
- To know how to maintain clear and consistent communication in crucial in virtual HR.

#### **Topics covered:**





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- Introduction to Virtual HR
- Easier access to HR department
- On boarding new employees
- Reporting performance analytics
- Organizing payrolls
- Tracking new applicants
- Off boarding terminated or retired employees
- Security problems
- Impersonal practices
- Training and development

## Programme Outcomes :


On completion of the course, student should be able to:

- In Modern era the HR manager always looking for technology that can enrich the work compatibility of HR process.
- Virtual reality that can be preferred for the HR management for recruiting, employee data base management and to improve their employee productivity and communication, particularly once that are impactful and ease deploy.
- To study the Virtual platform, they choose gives there employee not only a chance to learn from one another but allow them to take advantage of language learn opportunities
- To know once of the primary benefit of virtual HR is cost savings that come with outsourcing HR tasks.

Number of participants : 67

  
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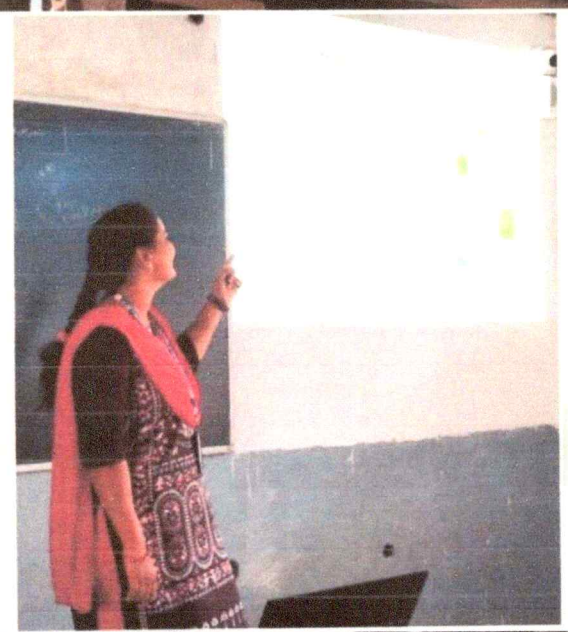
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## DEPARTMENT OF MANAGEMENT STUDIES

Academic Year: 2022-23

Name of the program: A Two Week Add-On Program on "Virtual HR".



This Programme was very useful to the students and their feedback is positive. Thanked to resource person and participants for making programme successful.

  
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### PARTICIPATION CERTIFICATE

This is to certify that ANASARI ALISHA PATRO from MBA II YEAR has participated in A Two week certificate Program on " VIRTUAL HR " organized by Department of Management Studies , Sri Venkateswara College of Engineering and Technology, Srikakulam from 11-07-2022 To 22-07-2022.

Dr.K.Satyam  
HOD-MBA

SRI VENKATESWARA COLLEGE  
SRIKAKULAM

Dr.S.C.V. Ramana Murthy  
PRINCIPAL

PRINCIPAL

Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P)





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### PARTICIPATION CERTIFICATE

This is to certify that DUNGA VINEETH from MBA II YEAR has participated in A Two week certificate Program on " VIRTUAL HR " organized by Department of Management Studies , Sri Venkateswara College of Engineering and Technology, Srikakulam from 11-07-2022 To 22-07-2022.

*Dr. K. Satyam*

Dr.K.Satyam  
HOD-MBA

SRI VENKATESWARA COLLEGE  
SRIKAKULAM

*Dr. S.C.V. Ramana Murthy*

Dr.S.C.V. Ramana Murthy  
PRINCIPAL

PRINCIPAL  
Sri Venkateswara College of Engineering & Technology  
ETCHERLA, Srikakulam-532410 (A.P.)