



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

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

Academic Year: 2021-22

S.No	Name of the Program	Duration of Course	No. of Participants
1	A Two Week Program on GIS and its application.	4-4-22 to 18-4-22	35
2	A Two Week Program Simulation of power system Analysis with matlab.	12-4-22 to 25-4-22	90
3	A Two Week Program on Latest developments in AI	6-9-21 to 21-9-21	105
4	A Two Week Program on PYTHON Programming	15-10-21 to 3-11-21	81
5	A Two Week Program on Security in Networking System	13-12-21 to 25-12-21	100
6	A Two Week Program on Cyber security principles	13-12-21 to 25-12-21	81
7	A Two Week Program on Business communication skills	24-1-22 to 7-2-22	25

  
IQAC

  
PRINCIPAL  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF:CEC/PRI/21-22

DATE: 01-04-22

Attn: All B.Tech Civil Students

This is to inform you that all B.Tech Civil students a **2 week** certification program will be conducted on **TOPIC: GIS AND ITS APPLICATION** be held **04-04-22 to 18-04-22** at our college campus in 'Abdul Kalam Block Seminar Hall'. Those who are attending the certificate programme, Attendance will be strictly monitored.

  
PRINCIPAL

Copy to :  
All HODs - to be circulated among Civil students.  
Director (Finance)

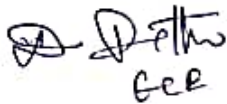
Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048

  
mBA



  
HOD-CIVIL

  
/ts) (mch)

  
ECE



CHAITANYA ENGINEERING COLLEGE  
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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

**A Two-Week Program on GIS and It's Applications**

VENUE: SEMINAR HALL, ABDULKALAM BLOCK

BRANCH: CIVIL

S.No.	Date	TOPIC
1	4-4-2022	Introduction to GIS systems
2	5-4-2022	Basic Principles of Remote Sensing
3	6-4-2022	Technological tools for observing Earth
4	8-4-2022	Spectral response of different geographical terrains
5	10-4-2022	Understanding Spectral, Thermal and Microwave Images
6	11-4-2022	Digital Image Processing - Rectification and Registration
7	12-4-2022	Digital Image Processing - Classification and Assessment
8	13-4-2022	GIS - Databases, Topology, Spatial analysis
9	15-4-2022	GIS Application in Agriculture - Agriinformatics
10	17-4-2022	GIS Application in Marine life - Assessment of Marine environment threats
11	18-4-2022	Feedback and Valedictory function

  
Coordinator

  
HOD CIVIL

## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems. The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of civil engineering has come into existence in the year 2002 in Chaitanya Engineering College with an initial intake of 60 students for B. Tech. The department also offers M.Tech course in structural engineering with an intake of 18 seats from 2014 -2015.

## ORGANISATION COMMITTEE

### CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju,  
Chairman Chaitanya Group of Institutions

### PATRON

Sri.K.Sasi Kiran Varma,  
Secretary Chaitanya Engineering College

### Co-PATRONS

Capt. Dr.D.L.N.Raju,  
CEO Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju,  
Director (Finance)  
Chaitanya Engineering College

### CHAIRPERSON

Dr. K. Suresh  
Principal Chaitanya Engineering College

## CO-ORDINATOR

Ms. A. Uma Maheswari  
HOD, Asst. Prof

## ORGANIZING MEMBERS

Ms. Dr G. Tabita, Asst.Prof  
Mr. A. Vinay, Asst. Prof  
Mr. A. Kowshik, Asst. Prof  
Mrs. G. Shramika, Asst. Prof



A TWO WEEK  
CERTIFICATION PROGRAM  
ON GIS AND ITS  
APPLICATION  
4-4-22 TO 18-4-22



Organized by  
Department of Civil Engineering  
CHAITANYA ENGINEERING COLLEGE  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
[www.cec.ac.in](http://www.cec.ac.in)



## ABOUT THE PROGRAM

This programme on geographic information system (GIS) is a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface. Grades. Geographic information systems, are computer-based tools used to store, visualize, analyze, and interpret geographic data. Geographic data (also called spatial, or geospatial data) identifies the geographic location of features. GIS technology is used to create and manage digital maps, and to visualize spatial data in a variety of formats, including maps, charts, graphs, and other visualizations. This allows users to understand spatial patterns and trends, and to make informed decisions based on the data. GIS helps farmers spot trends and patterns, implement change detection, and quickly address issues. Precision agriculture relies heavily on GIS to collect and interpret massive field data for informed decision-making.

## OBJECTIVES

GIS allows civil engineers to manage and share data and turn it into easily understood reports and visualizations that can be analyzed and communicated to others. This data can be related to both a project and its broader geographic context. GIS include: data entry, data display, data management, information retrieval and analysis.

## TOPICS TO BE

- Geocoding.
- Georeferencing.
- Map Projections & Coordinate Systems.
- Spatial Analysis.
- Geoprocessing.
- Cartographic Design.
- Census Terminology.

## ADDRESS FOR CORRESPONDENCE

Ms. A. Uma Maheswari, HOD  
Civil Department  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile:8099719298  
Email:hod\_civil@cec.ac.in

## ELIGIBILITY

This Program is intended for  
Students of Civil Department

## REGISTRATION

*It's Free*



A TWO WEEK CERTIFICATION COURSE ON GIS AND ITS APPLICATIONS

LIST OF PARTICIPANTS FROM 04-04-2022 TO 18-04-2022

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L65A0102	MANAPURAM GOWTHAM NITHISHI	M. Gowtham Nithishi
2	19L65A0104	MADIBOYINA SIVA SAI	M.S.Sai
3	19L65A0105	POOJA KUMARI	P. Kumari
4	19L65A0115	VADAMODULA SAGAR	V.Sagar
5	19L65A0116	MEDAPUREDDY VENU GOPAL	M. Venu Gopal
6	19L65A0117	GUNDALA HARITHA	G. Haritha
7	19L65A0120	EETHA ASWITHA	E. Aswitha
8	19L65A0124	BOJJA SRAVAN KUMAR	B. Sravan Kumar
9	19L65A0128	REGANA SAIKUMAR	R. Saikumar
10	19L65A0129	YALLA RAMAKRISHNA	Y. Ramakrishna
11	19L65A0136	TEDLAPU ROHINI	T. Rohini
12	19L65A0142	KAGITALA SAILAJA	K. Sailaja
13	20L61A0103	GALLA CHINMAYEEDATTA	G. Chinmayeeditta
14	20L61A0106	PALLA SONU RAVI RAJ	P. S. Ravi Raj
15	21L65A0101	BADE DHANALAKSHMI	B. Dhanalakshmi
16	21L65A0102	BADI SANTOSH KUMAR	B. Santosh Kumar
17	21L65A0103	BALIREDDI LALINI	B. Lalini
18	21L65A0108	CHANDAKA SAI KUMAR	Ch. Saikumar
19	21L65A0110	DOGGA NAGA MANIKANTA	D. Naga Manikanta
20	21L65A0113	KUDA VIKTAR BABU	K. Viktar Babu
21	21L65A0114	MAKALA JASWANTHI KUMAR	M. Jaswanthi Kumar
22	21L65A0125	PAPPU ANTHEOPYA KRUPA	P. Antheopya Krupa
23	21L65A0126	K. DURG PRASAD	K. Durg Prasad
24	21L65A0136	TAMMINENI LAXMAN	T. Laxman
25	21L65A0139	Y V RAKESH	Y. V. Rakesh
26	21L65A0140	YALLA LEELA	Y. Leela
27	19L61A0101	MODINA GANESH	M. Ganesh
28	20L65A0101	BOLLA KURMA RAO	B. Kurma Rao
29	20L65A0102	MUVVA UMA MAHESWARARAO	M. Maheswararao
30	20L65A0104	SATAGOPAM BEENA	S. Beena
31	20L65A0105	TARA MANIKANTA	T. Manikanta
32	20L65A0106	NUDDADA INDRA KUMAR	N. Indra Kumar
33	20L65A0107	BORA KRISHNA BHUVAN PRASAD	B. E. B. Prasad
34	20L65A0108	CHOLLANGI SWATHI	Ch. Swathi
35	20L65A0109	G THULASI	G. Thulasi

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Principal

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048





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NBA & NAAC Accredited

**Report on**  
**A Two Week Certificate Program**  
**GIS and its application**

A Two-Week Certificate Program was organized from 4-4-22 to 18-4-22 at Chaitanya Engineering College by Civil Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Geocoding, Spatial Analysis, Cartographic Design, Census Terminology, Census Terminology were discussed in detail by experienced resource persons from academia. There were 35 participants from this college.

**Resource Persons:**

- 1) Ms. G. Tabita, Asst.Prof
- 2) Mr. A. Vinay, Asst. Prof
- 3) Mr. A. Kowshik, Asst. Prof
- 4) Mrs. G. Shramika, Asst. Prof

**Topics Covered were:**

- Geocoding.
- Georefencing.
- Census Terminology.
- Spatial Analysis.
- Geoprocessing.

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

Coordinator

HOD



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REF: CEC/PRI/21-22

DATE: 07-04-22

Attn: All IV & III B.Tech EEE Students

This is to inform you that all IV & III B.Tech EEE Students a **2 week** certification program will be conducted on **Topic: SIMULATION OF POWER SYSTEM ANALYSIS WITH MATLAB** will be held **12-04-22 to 25-04-22** at our college campus in 'Abdul Kalam Block Seminar Hall'. Those who are attending the certificate programme, Attendance will be strictly monitored.

Copy to :

All HODs - to be circulated among your EEE students.

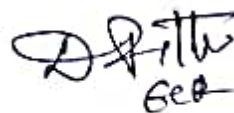
Director (Finance)

  
PRINCIPAL  
Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-531 033

  
HOD-CIVIL

  
MBA



  
Gee

  
HOD (mech)





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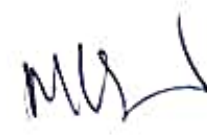
**A Two-Week Program on Power System Analysis with MATLAB**

**VENUE: SEMINAR HALL, ABDULKALAM BLOCK**

**BRANCH: EEE**

S.No.	Date	TOPIC
1	12-4-2022	Introduction to MATLAB
2	13-4-2022	Formation of Y-bus
3	15-4-2022	MATLAB program for Formation of Y-bus
4	17-4-2022	Solving nodal equations by forward and backward substitution
5	18-4-2022	MATLAB program for solving nodal equations by forward and backward substitution
6	19-4-2022	Power flow studies by gauss and Newton Raphson method using Zbus
7	20-4-2022	MATLAB program for Power flow studies by gauss and Newton Raphson method using Zbw
8	21-4-2022	MATLAB Tool box for Power System & Power Electronic Applications.
9	24-4-2022	Neural networks for load forecasting
10	25-4-2022	Feedback and Valedictory function

  
Coordinator

  
HOD EEE

21-22

## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering has been in existence since inception of the college in the year 2002. The B.tech programme has an intake of 180. The department has been accredited by NBA.

## ORGANISATION COMMITTEE

### CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju,  
Chairman Chaitanya Group of Institutions

### PATRON

Sri K.Sasi Kiran Varma,  
Secretary Chaitanya Engineering College

### Co-PATRONS

Capt. Dr.D.L.N.Raju,  
CFO Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju,  
Director (Finance)  
Chaitanya Engineering College

### CHAIRPERSON

Dr. K. Suresh  
Principal Chaitanya Engineering College

## CO-ORDINATOR

Dr G.SURYA KALYAN  
HOD, ASSOC. PROF

## ORGANIZING MEMBERS

Mrs. T.JYOTHI, Asst.Prof  
Mr. S.S SANKAR, Asst. Prof  
Mr. M.L.V.K.PRASAD, Asst. Prof  
Mr.S.D.ASHA MAHESH, Asst. Prof



**A TWO WEEK  
CERTIFICATION PROGRAM  
ON SIMULATION OF  
POWER SYSTEM ANALYSIS  
WITH MATLAB.  
12-04-22 TO 25-04-22**



Organized by  
Department of EEE  
CHAITANYA ENGINEERING COLLEGE  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
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## ABOUT THE PROGRAM

PSC has deep expertise in developing power system tools such as the HV Network Analysis Tool, which carries out the power system analysis and network reinforcement requirements associated systems. The tool has been developed for WPD using Python and PSS@SINCAL, and has a graphic user interface (GUI).

The PSC Electricity Flexibility and Forecasting Systems tool provides the necessary system capability to enable a DNO to manage DSO transitions by delivering a solution that enables networks to be actively managed using flexibility. The tool has also been developed for WPD using Python, with PSS@E software and a GUI. PSC has also developed for WPD a virtual STATCOM tool to determine whether it is possible to improve the network voltages and release network capacity by controlling the power Collectively, these generators will go on to form a Virtual.

## OBJECTIVES

To provide overview on batteries.

•The development of automation tools has enabled engineers to efficiently perform thousands of studies to represent network operations and system responses under different scenarios. These tools also help analyze the large amounts of data generated by these studies.

## TOPICS TO BE

- Operational Technologies
- Power Networks
- Distributed Energy Resources
- HVDC
- Market Systems
- Strategic Advisory

## ADDRESS FOR CORRESPONDENCE

Dr G.Surya Kalyan, HOD  
EEE Department  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile:9440366079  
Email:hodeee@cec.ac.in

## ELIGIBILITY

This Program is intended for Students of EEE Department.

## REGISTRATION

*It's Free*





# CHAITANYA ENGINEERING COLLEGE

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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

8

## A TWO WEEK PROGRAM SIMULATION OF POWER SYSTEM ANALYSIS WITH MATLAB

LIST OF PARTICIPANTS 12-04-2022 TO 25-04-2022

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L61A0201	Lingaberi Uday Kiran	L. Uday Kiran
2	19L61A0202	Gokeda Chandra Sekhar	G. Ch. Sekhar
3	20L65A0201	Aligi Mounika	A. Mounika
4	20L65A0203	Barla Sravani	B. Sravani
5	20L65A0204	Chidagala Ramkumar	Ch. Ramkumar
6	20L65A0205	Ganthakoru Chandra Sekhar	G. Ch. Sekhar
7	20L65A0207	Janapareddy Nanda Kishore	J. Nanda Kishore
8	20L65A0208	Kanchuboyana Mohith Kumar	K. Mohith Kumar
9	20L65A0209	Karanam Vasu Deva Rao	K. Vasu Deva Rao
10	20L65A0210	Maddi Nikhil Kumar	M. Nikhil Kumar
11	20L65A0211	Patnala Rehamanth	P. Rehamanth
12	20L65A0212	Senapathi Suresh Krishna	S. S. Krishna
13	20L65A0213	Budumuru Bhavani	B. Bhavani
14	20L65A0215	Chinnala Krupa Samuel	Ch. Krupa Samuel
15	20L65A0216	Chandramouli Ram Kashyap	Ch. Ram Kashyap
16	20L65A0217	Chinthapalli Venkata Mani Chandan	Ch. V. M. Chandan
17	20L65A0218	Kalla Gnyaneshwar	K. Gnyaneshwar
18	20L65A0219	Kambi Usha Rani	K. U. Rani
19	20L65A0220	Kella Karthik	K. Karthik
20	20L65A0221	Kesamsetty Manideep	K. Manideep
21	20L65A0222	Korada Ajay Kumar	K. Ajay Kumar
22	20L65A0223	Kothapalli Uday Kiran	K. Uday Kiran
23	20L65A0224	Majji Harika	M. Harika
24	20L65A0225	Peyyala Vinil Raju	P. Vinil Raju
25	20L65A0226	Pilla Krishna Prudhvi	P. Prudhvi
26	20L65A0227	Pinninti Praveen	P. Praveen
27	20L65A0228	Reesu Manoj	R. Manoj
28	20L65A0229	Teddu Saicharan	T. Saicharan
29	21L65A0201	Balivada Sai Shiva	B. Sai Shiva
30	21L65A0202	Boddapu Lavanya	B. Lavanya
31	21L65A0203	Boddu Udaykiran	B. Uday Kiran
32	21L65A0204	Boddu Venkata Varaha Meghana	B. V. V. Meghana
33	21L65A0205	Chandaka Manikanta	Ch. Manikanta
34	21L65A0206	Cheepurupalli Bhaskara Rao	Ch. Bhaskara Rao
35	21L65A0207	Chitrada Premanjali	Ch. Premanjali
36	21L65A0208	Chukka Koti Babu	Ch. Koti Babu

ICAC

Principal

Chaitanya Engineering College  
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37	21L65A0209	Chukkala Dileep Kumar	Ch. Dileep Kumar
38	21L65A0210	Dasamantarao Hima Vamsi	D. Hima Vamsi
39	21L65A0211	Dasetti Poorna Chandu	D. Poorna Chandu
40	21L65A0212	Dungi Shammukh Srinivas	D. S. Shammukh
41	21L65A0213	Eathalapaka Joshua	B. Joshua
42	21L65A0214	Godaba Kalyan	G. Kalyan
43	21L65A0215	Jerripotula Alekhya	J. Alekhya
44	21L65A0216	Kagita Siva Kumar	K. S. Kumar
45	21L65A0217	Kantipamu Chaitanya	K. Chaitanya
46	21L65A0218	Kayala Sathvika	K. Sathvika
47	21L65A0219	Kola Deepika	K. Deepika
48	21L65A0220	Kotyada Durga Bhavani	K. D. Bhavani
49	21L65A0221	Kurimilli Durga Prasad	K. D. Prasad
50	21L65A0222	Asam Sai Gupta	A. Sai Gupta
51	21L65A0223	Mamudi Jogendra Kumar	M. Jogendra Kumar
52	21L65A0224	Maradapudi Veeru Babu	M. Veeru Babu
53	21L65A0225	Mavuri Gowtham	M. Gowtham
54	21L65A0226	Mirhipati Harsha Vardhan	M. Harsha Vardhan
55	21L65A0227	Mohammed Muzammil	M. Muzammil
56	21L65A0228	Padmaraju Vinod Kumar	P. Vinod Kumar
57	21L65A0229	Pakki Devi Prasad	P. Devi Prasad
58	21L65A0230	Panathala Krishnaveni	P. Krishnaveni
59	21L65A0231	Pusarla Deepthi	P. Deepthi
60	21L65A0232	Pydi Chandu	P. Chandu
61	21L65A0233	Routhu Bhanu Vinay Prasanth	R. Bhanu Vinay Prasanth
62	21L65A0234	Sakalabhakthulamadhankumar	S. Bhakthulamadhankumar
63	21L65A0235	Shaik Goush Subhani	S. Goush Subhani
64	21L65A0236	Sigireddy Prasanth	S. Prasanth
65	21L65A0237	Sundara Giri Sai Suresh Kumar	S. G. S. S. Kumar
66	21L65A0238	Suragala Ganesh	S. Ganesh
67	21L65A0239	Tokala Sarveswara Rao	T. S. Rao
68	21L65A0240	Urukuti Sunil Kumar	U. Sunil Kumar
69	21L65A0241	Vanthala Vidya Sagar	V. Vidya Sagar
70	21L65A0242	Vanum Vamsi Krishna	V. Vamsi Krishna
71	21L65A0243	D. Paul Abishek	D. Paul Abishek
72	21L65A0244	Ch Gandhi	Ch. Gandhi
73	21L65A0245	M Shasi Kiran	M. Shasi Kiran
74	21L65A0246	P.Ramesh	P. Ramesh
75	21L65A0247	Ch Venkata Bhardwaj	Ch Venkata Bhardwaj
76	21L65A0248	A Bharath	A Bharath
77	19L61A0201	Lingaberi Uday Kiran	L. Uday Kiran

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78	19L61A0202	Gokeda Chandra Sekhar	a. chandra sekhar
79	20L65A0201	Aligi Mounika	A. mounika
80	20L65A0203	Barla Sravani	B. Sravani
81	20L65A0204	Chidagala Ramkumar	ch. Ramkumar
82	20L65A0205	Ganthakoru Chandra Sekhar	a. chandra sekhar
83	20L65A0207	Janapareddy Nanda Kishore	J. Nanda Kishore
84	20L65A0208	Kanchuboyana Mohith Kumar	K. Mohith Kumar
85	20L65A0209	Karanam Vasu Deva Rao	K. Vasu Deva Rao
86	20L65A0210	Maddi Nikhil Kumar	M. Nikhil Kumar
87	20L65A0211	Patnala Rehamanth	P. Rehamanth
88	20L65A0212	Senapathu Suresh Krishna	S. Suresh
89	20L65A0213	Budumuru Bhavani	B. Bhavani
90	20L65A0215	Chinnala Krupa Samuel	ch. krupa samuel

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**Report on**  
**A Two Week Certificate Program**  
**Simulation of power system Analysis with Matlab.**

A Two-Week Certificate Program was organized from 12-4-22 to 25-4-22 at Chaitanya Engineering College by Electrical and Electronics Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Battery Materials Research, Battery Performance, Battery Performance, Next Generation Batteries and Technologies were discussed in detail by experienced resource persons from academia. There were 90 participants from this college.

**Resource Persons:**

- 1) Mrs. T.JYOTHI, Asst.Prof
- 2) Mr. S.S.SANKAR, Asst. Prof
- 3) Mr. M.L.V.K.PRASAD, Asst. Prof
- 4) Mr S.D.ASHA MAHESH, Asst. Prof

**Topics Covered were:**

- Battery Materials Research.
- Battery Performance.
- Battery Systems and Applications.
- Next Generation Batteries and Technologies.

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
HOD



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF: CEC/PRI/21-22

DATE: 02-09-21

Attn: All III & IV B.Tech CSE Students

This is to inform you that all III & IV B.Tech CSE students a **2 week** certification program will be conducted on **Topic: LATEST DEVELOPMENTS IN AI** will be held **06-09-21 to 21-09-21** at our college campus in 'Abdul Kalam Block Seminar Hall'. Those who are attending the certificate programme, Attendance will be strictly monitored.

PRINCIPAL

Copy to:

All HODs - to be circulated III & IV B.Tech CSE Students.  
Director (Finance)

Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048

A. @  
HOD-CIVIL



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

**A TWO-WEEK PROGRAM ON LATEST DEVELOPMENTS IN AI**

**VENUE: SEMINAR HALL, ABDULKALAM BLOCK**

**BRANCH: CSE**

S.No.	Date	TOPIC
1	6-9-2021	Introduction to AI paradigms and performance metrics
2	7-9-2021	Data Representation and Visualisation
3	9-9-2021	Text Representation and Learning
4	10-9-2021	Object recognition, detection, and semantic segmentation
5	12-9-2021	Time Series Models
6	13-9-2021	Overview of Speech Signal Processing Application
7	14-9-2021	Natural language generation
8	15-9-2021	Content automation in Social media platforms
9	16-9-2021	AI in Health care and security: Biometrics
10	17-9-2021	Machine learning application of AI
11	19-9-2021	AI in the field of Robotic Process Automation
12	20-9-2021	Deep Learning Platforms
13	21-9-2021	Feedback and Valedictory function

  
Coordinator

  
HOD CSE



## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of CSE has been in existence since inception of the college in the year 2002. The B.tech programme has an intake of 180. Also the Department is offering Post Graduate Software engineering, computer science engineering with an intake of 18. The department has been accredited by NBA.

## ORGANISATION COMMITTEE

### CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju,  
Chairman Chaitanya Group of Institutions

### PATRON

Sri.K.Sasi Kiran Varma,  
Secretary Chaitanya Engineering College

### Co-PATRONS

Capt. Dr.D.L.N.Raju,  
CEO Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju,  
Director (Finance)  
Chaitanya Engineering College

### CHAIR PERSON

Dr. K. Suresh  
Principal Chaitanya Engineering College

## CO-ORDINATOR

Dr Y.PAWAN SATHISH  
Assoc.Prof HoD, CSE Department

## ORGANIZING MEMBERS

I. Srinivas Rao , Assoc.Prof., CSE  
P.Ravi kumar ,Asst. Prof,CSE  
M. Aswini,Asst.Prof.,CSE  
M.Padmaja ,Asst.Prof.,CSE



A TWO WEEKS CERTIFICATION  
PROGRAM

ON LATEST DEVELOPMENTS IN AI

06-09-2021 TO 21-09-2021



Organized by  
Department of Computer Science  
Engineering  
CHAITANYA ENGINEERING COLLEGE  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
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## About The Program

The field of Artificial intelligence (AI) has evolved considerably in the last 60 years. While there are now many AI applications that have been deployed in high-income country contexts, use in resource-poor settings remains relatively nascent. With a few notable exceptions, there are limited examples of AI being used in such settings. However, there are signs that this is changing. Several high-profile meetings have been convened in recent years to discuss the development and deployment of AI applications to reduce poverty and deliver a broad range of critical public services. We provide a general overview of AI and how it can be used to improve health outcomes in resource-poor settings. We also describe some of the current ethical debates around patient safety and privacy. Despite current challenges, AI holds tremendous promise for transforming the provision of healthcare services in resource-poor settings. Many health system hurdles in such settings could be overcome with the use of AI and other complementary emerging technologies. Further research and investments in the development of AI tools tailored to resource-poor settings will accelerate realising of the full potential of AI for improving global health.

## OBJECTIVES

- To provide the human behavior to develop intelligent machines. Simply put, the foundational goal of AI is to design a technology that enables computer systems to work intelligently yet independently.

## TOPICS TO BE

- Feature Engineering ...
- Artificial Neural Networks ...
- Deep Learning ...
- Natural language processing ...
- Intelligent Robotics ...
- Perception ...
- Automate Simple and Repetitive Tasks...
- Data Ingestion.

## ADDRESS FOR CORRESPONDENCE

Y.Pawan sathish, Assoc prof, HOD CSE DEPARTMENT  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile: 9293733176  
Email:hodcse@cec.ac.in

## ELIGIBILITY

This Program is intended  
Students of 3<sup>rd</sup> & 4<sup>th</sup>  
COMPUTER SCIENCE  
ENGINEERING.

## REGISTRATION

*It's Free*





CHAITANYA ENGINEERING COLLEGE  
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Chaitanya Valley, Komnadi, Madhurawada, Visakhapatnam-48

A TWO WEEK PROGRAM ON LATEST DEVELOPMENT IN AI

LIST OF PARTICIPANTS 06-09-2021 TO 17-09-2021

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L61A0501	Nuthan Prasanth Neparthi	N. Prasanth Neparthi
2	19L61A0502	Duggirala Yashwanth	D. Duggirala yashwanth
3	19L61A0503	Nakka Revathi	N. Revathi
4	19L61A0504	Dantuluri Sowmya	D. Sowmya
5	19L61A0505	Korada Hemanth	K. Hemanth
6	19L61A0506	Sanaboina Tejaswi	S. Tejaswi
7	19L61A0507	Arati Kumari Singh	A. Kumari Singh
8	19L61A0508	Pediredla Madhusudhana Rao	P. m Rao
9	19L61A0509	Sabbarapu Sarath Kumar	S. Sarath Kumar
10	19L61A0510	Chandrana Prasanna Lakshmi	Ch. Lakshmi
11	19L61A0511	Kodumuru Lakshmi Sravani	K. L. Sravani
12	19L61A0512	Vana Venkata Chandu	V. Venkata Chandu
13	19L61A0513	Vennu Ashok Kumar	V. Ashok Kumar
14	19L61A0514	Korukonda Srirama Sai Chaitanya	K. S. Sai Chaitanya
15	19L61A0515	Chavvakula Manikanta	Ch. Manikanta
16	19L61A0516	Kolisetty Sai Ram Lokesh	K. Sai Ram Lokesh
17	19L61A0517	Meka Bheemarao	M. Bheema Rao
18	19L61A0518	Chelle Veda Prakash Raju	Ch. V. Prakash Raju
19	19L61A0519	Erle Chandra Mouli	E. Chandra Mouli
20	19L61A0521	Sekharamahanti Satya Srinivas	S. Satya Srinivas
21	19L61A0522	Balla Satya	B. Satya
22	19L61A0523	Gujju Mohit	G. Mohit
23	19L61A0524	Banthi Naga Datha Narsimha	B. N. D. Narsimha
24	19L61A0525	Kaligatla Rajeswari	K. Rajeswari
25	19L61A0526	Sandeep Kumar Giri	S. Kumar Giri
26	19L61A0527	Konada Revathi Kumari	K. R. Kumari
27	19L61A0528	Pranathi Mandava	P. Pranathi
28	19L61A0529	Bora Himja Ramani	B. Himja Ramani
29	19L61A0530	Kiran Kumar Dora	K. Kumar Dora
30	19L61A0531	Bobbili Aruna	B. Aruna
31	19L61A0532	Kollabathula Prasanth	K. Prasanth
32	19L61A0533	Lingamdinne Stames Bakth Singh	L. S. B. Singh
33	19L61A0534	Ummidi Lavanya	U. Lavanya
34	19L61A0535	Praveen Sahu	P. Sahu
35	19L61A0536	Nallabelli J Satya Naga Varaha	N. S. N. Varaha
36	19L61A0537	Gorinta Prasanthi	G. Prasanthi
37	19L61A0538	Bugatha Ganesh	B. Ganesh
38	19L61A0539	Upmaka Sai Jagadeesh	U. Sai Jagadeesh

IQAC

PRINCIPAL

Principal  
Chaitanya Engineering College,  
Komnadi VISAKHAPATNAM-530 048





# CHAITANYA ENGINEERING COLLEGE

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39	19L61A0540	D Tirumala Udaya Kumar Patnaik	D. T. Udaya Kumar Patnaik
40	19L61A0541	Gantipilli Mohan	G. Mohan
41	20L65A0501	Mudunuri Sai Manish Varma	M. Sai Manish Varma
42	20L61A0503	Adi Meghana Jyothi	A. Meghana Jyothi
43	20L61A0504	Akyana Meena Kumari	A. Meena Kumari
44	20L61A0505	Annamreddi Dharani	A. Dharani
45	20L61A0506	Babbadi Manohar Naidu	B. Manohar Naidu
46	20L61A0511	Bondada Sai Shyamala Thaneesha	B. S. Shyamala Thaneesha
47	20L61A0512	Bonthu Himabindu	B. Himabindu
48	20L61A0513	Botta Janaki	B. Janaki
49	20L61A0514	Chandaluri Meghana	Ch. Meghana
50	20L61A0520	Doddi Lalitha	D. Lalitha
51	20L61A0521	Dokula Navya Sree	D. Navya Sree
52	20L61A0522	Doni Mohan Murali	D. Mohan Murali
53	20L61A0523	Donkena Dola Prakash	D. Dola Prakash
54	20L61A0524	Gedala Srihari	G. Srihari
55	20L61A0525	Gondu Sai Poojitha	G. Sai Poojitha
56	20L61A0526	Gongada Bhavana	G. Bhavana
57	20L61A0527	Gottapu Sahithi	G. Sahithi
58	20L61A0528	Gujji Omprakash	G. Omprakash
59	20L61A0529	Harshitha Thumpala	Harshitha. Th.
60	20L61A0530	Jakkamsetti Bhavana	J. Bhavana
61	20L61A0531	Javvathi Sri Sampath Venkat	J. S. Sampath Venkat
62	20L61A0532	Kanchubona Sivani Beshlitha	K. Sivani Beshlitha
63	20L61A0533	Kandukuri Venkata Sai Vara	K. Venkata Sai Vara
64	20L61A0534	Karaka Prasanthi	K. Prasanthi
65	20L61A0535	Karanam Udaysri	K. Udaysri
66	20L61A0536	Karnati Lakshmi Thanmai	K. Lakshmi Thanmai
67	20L61A0537	Karrothu Anusha	K. Anusha
68	20L61A0538	Katta Venkata Chaya Supraja	K. V. Chaya Supraja
69	20L61A0539	Killo Mahesh Kumar	K. Mahesh Kumar
70	20L61A0540	Kokkiripati Kalyan	K. Kalyan
71	20L61A0541	Kolli Sireesha	K. Sireesha
72	20L61A0542	Korubilli Kalyani	K. Kalyani
73	20L61A0543	Kovvuri Venkata Dinesh Reddy	K. V. D. Reddy
74	20L61A0544	Kukkala Harish	K. Harish
75	20L61A0545	Kundrapu Mahesh	K. Mahesh
76	20L61A0546	Labala Dinesh Karthik	L. Dinesh Karthik
77	20L61A0547	Lakkaraju Lavanya	L. Lavanya
78	20L61A0549	Majeti Swarna Harsha	M. Swarna Harsha
79	20L61A0550	Mantrabuddi Renuka	M. Renuka
80	20L61A0553	Neelapu Prasad	N. Prasad

IQAD

Principal

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048





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81	20L61A0554	Pachipenta Durga Sai Abhinav	P. Durga Sai Abhinav
82	20L61A0555	Pakkurthi Venkata Jahnvi	P. V. Jahnvi
83	20L61A0556	Pahuri Pavan Kalyan	P. Pavan Kalyan
84	20L61A0557	Pappula Vishalakshi	P. Vishalakshi
85	20L61A0558	Peethala Manikanta	P. Manikanta
86	20L61A0559	Pinninti Sankara Rao	P. Sankara Rao
87	20L61A0560	Sankalp Pothabathula	P. Sankalp
88	20L61A0562	Sattaru Gnanapraveen	S. Gnanapraveen
89	20L61A0563	Silla Venkata Mutyala Rao	S. Venkata Mutyala Rao
90	20L61A0564	Sombarki Sudheer	S. Sudheer
91	20L61A0565	Sornapudi Surya Ruthwick	S. Surya Ruthwick
92	20L61A0566	Surada Prudhvi Erni Dileep	S. Prudhvi Erni Dileep
93	20L61A0567	Swapnil Mishra	S. Mishra
94	20L61A0568	Tadigadapa Vinay	T. Vinay
95	20L61A0569	Tandra Raajith	T. Raajith
96	20L61A0570	Tella Lakshmi Sowmya	T. Lakshmi Sowmya
97	20L61A0571	Thattikota Iswarya Lakshmi	T. P. Lakshmi
98	20L61A0572	Vaka Urmila	V. Urmila
99	20L61A0573	Yerubandi Veera Venkata Praveen	Y. V. V. Praveen
100	20L61A0574	Labala Yeswanth	L. Yeswanth
101	20L61A0575	Avireddy Harshavardhan	A. Harshavardhan
102	21L65A0501	Baratam Ganesh	B. Ganesh
103	21L65A0502	Gujji Bhavana	G. Bhavana
104	206L1A0537	Baggu Raju	B. Raju
105	206L1A0513	Arasada Vivek	A. Vivek

  
IQAC

  
PRINCIPAL

Principal  
Chaitanya Engineering College,  
Kommadi VISAKHAPATNAM-530 048



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48  
NBA & NAAC Accredited

21 - 22

## Report on A Two Week Certificate Program Latest developments in AI

A Two-Week Certificate Program was organized from 6-9-21 to 21-9-21 at Chaitanya Engineering College by Computer science Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Feature Engineering Artificial Neural Networks, Deep Learning, Natural language processing, Perception were discussed in detail by experienced resource persons from academia. There were 105 participants from this college.

### Resource Persons:

- 1) Srinivas Rao , Assoc.Prof., CSE
- 2) P.Ravi kumar, Asst. Prof, CSE
- 3) M. Aswini, Asst.Prof., CSE
- 4) M.Padmaja , Asst.Prof., CSE

### Topics Covered were:

- Feature Engineering
- Artificial Neural Networks
- Deep Learning
- Natural language processing
- Intelligent Robotics
- Perception

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
HOD





CHAITANYA ENGINEERING COLLEGE  
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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF: CEC/PRI/21-22

DATE: 10-10-21

Attn: All II B.Tech ECE Students

This is to inform you that all II B.Tech ECE a **2 week** certification program will be conducted on **Topic:PYTHON PROGRAMING** will be held **15-10-21 to 03-11-21** at our college campus in 'Abdul Kalam Block Seminar Hall'. Those who are attending the certificate programme, Attendance will be strictly monitored.

  
PRINCIPAL

Copy to:

All HODs - to be circulated II B.Tech ECE students.  
Director (Finance)

Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048

A. @  
HOD-CIVIL

J. P.  
HOD-MBA

J. P. P. the  
RER

MOL

V. K.  
HOD-CED



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

**TWO WEEK PROGRAM ON PYTHON PROGRAMMING**

VENUE: Seminar Hall, ABDUL KALAM BLOCK

BRANCH: ECE

S.No.	Date	TOPIC
1	15-10-2021	Python Introduction, Literate Programming.
2	17-10-2021	Keywords in Python, Operators in Python, Conditional Statements, Iterations
3	18-10-2021	Arguments in Functions, Strings and String Functions, String Slicing
4	25-10-2021	Python Data Structures Lists List Methods and Tuples
5	26-10-2021	Tuple Methods, Dictionaries and Dictionary Methods
6	27-10-2021	Sets, Set Methods, Packages and Modules, Regular Expression and File Handling
7	28-10-2021	List Comprehension, Iterators, Generators and Functional Programming.
8	29-10-2021	Python Libraries for Data Science, NumPy, Nd arrays. Advantages of NumPy
9	31-10-2021	Pandas, Data Structures in Pandas, Pandas Series and Data Frames
10	01-11-2021	Data Visualisation using Matplotlib library
11	02-11-2021	Classes, Objects, Constructors, inheritance, Python Packages and modules using oop's.
12	03-11-2021	Feedback and valedictory function

  
Coordinator

  
HOD ECE

## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of ECE has been in existence since inception of the college in the year 2002. The B.Tech programme has an intake of 180. Also the Department is offering Post Graduate Digital Electronics and Communication Engineering, with an intake of 18. The department has been accredited by NBA.

## ORGANISATION COMMITTEE

### CHIEF PATRON

**Dr. K.V.V. Satyanarayana Raju,**  
Chairman Chaitanya Group of Institutions

### PATRON

**Sri. K.Sasi Kiran Varma,**  
Secretary Chaitanya Engineering College

### Co-PATRONS

**Capt. Dr. D.L.N. Raju,**  
CEO Chaitanya Group of Institutions

**Sri. K.V. Murali Krishnam Raju,**

Director (Finance)  
Chaitanya Engineering College

### CHAIR PERSON

**Dr. K. Suresh**  
Principal Chaitanya Engineering College

## CO-ORDINATOR

**D. RAJITHA, Assoc. Prof. HoD, ECE Department**

## ORGANIZING MEMBERS

**V. HIMA BINDU, Asst. Prof., ECE**  
**E. RAJU, Sr. Asst. Prof., ECE**  
**V. PAVANI, Sr. Asst. Prof., ECE**  
**N. KALPANA, Asst. Prof., ECE**



21-22

**A TWO WEEKS CERTIFICATION  
PROGRAM  
PYTHON PROGRAMMING  
15-10-21 to 03-11-21**



Organized by  
Department of ECE  
CHAITANYA ENGINEERING COLLEGE  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
[www.ccc.ac.in](http://www.ccc.ac.in)



## About The Program

Python Programming language come with extensive libraries which can be used to eliminate the need of writing own code for each and every single thing. There're libraries for unit-testing, documentation-generation, regular expressions, databases, web browser, image manipulation, image, and a lot more. In technical aspects, Python is high-level, object-oriented programming language that comes with integrated dynamic semantics primarily for app and web development. Though it's often compared to JavaScript, Ruby etc, the major thing that sets apart Python programming language from others is its simplicity. First released in 1991, Python has become one of the most popular programming languages across the globe. The major thing that sets apart Python programming language from others is its simplicity. First released in 1991, Python has become one of the most popular programming languages across the globe.

## OBJECTIVES

- To provide concept of Python Programming
- To discuss about Python Programming

## TOPICS TO BE

- Strings in Python
- Boolean values in Python.
- Arithmetic operators in Python.
- Comparison Operator in Python.
- Logical Operators in Python.
- Membership Operator in Python.
- F-string formatting in Python.

## ADDRESS FOR CORRESPONDENCE

D.Rajitha Assoc.prof, HOD ECE  
DEPARTMENT  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile: 9985239505  
Email: hodece@cec.ac.in

## ELIGIBILITY

This Program is intended for  
Students of 2<sup>nd</sup> ECE

## REGISTRATION

*It's Free*



# CHAITANYA ENGINEERING COLLEGE

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10

## A TWO WEEK PROGRAM ON PYTHON PROGRAMMING

LIST OF PARTICIPANTS FROM 15-10-2021 TO 03-11-2021

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	20L61A0401	Bobba Tharani	B. Tharani
2	20L61A0402	Dokara Chandra Swaroop	D. Chandra Swaroop
3	20L61A0403	Duggineni Chakravarthi	D. Chakravarthi
4	20L61A0404	Gembali Satish	G. Satish
5	20L61A0405	Golla Pavan Kumar	G.P. Kumar
6	20L61A0406	Guntreddy Siva Kumar	G. Siva Kumar
7	20L61A0407	Inkulu Inaneswar Rao	I. Inaneswar Rao
8	20L61A0410	Kilari Mohan Sai	K. Mohan Sai
9	20L61A0411	Konathala Shasank	K. Shasank
10	20L61A0412	Korlabandi Prabhas	K. Prabhas
11	20L61A0416	Lalam Lakshmi Yogitha	L.L. Yogitha
12	20L61A0417	Maddala Divakar	M. Divakar
13	20L61A0418	Madugula Venkata Surendra	M.V. Surendra
14	20L61A0419	Meesala Upendra	M. Upendra
15	20L61A0420	Neeli Sunil	N. Sunil
16	20L61A0421	Padala Sai Kumar	P. Sai Kumar
17	20L61A0422	Palla Jyothika Sravanthi	P. Jyothika Sravanthi
18	20L61A0423	Yadla Sunil	Y. Sunil
19	20L61A0424	Gudla Yashwanth Reddy	G.Y. Reddy
20	20L61A0425	Kilari Yamini Poojitha	K.Y. Poojitha
21	20L61A0426	Kolla Swetha	K. Swetha
22	20L61A0427	Mokara Priyadarsini	M. Priyada
23	20L61A0428	Sss p Chandrasekhar Penupothula	P. S.S.P. Chandrasekhar
24	21L65A0401	Lanka Purnachandrarao	L. Purnachandrarao
25	21L65A0402	Joga Nageswara Rao	J.N. Rao
26	21L65A0403	Bailapudi Jyothi	B. Jyothi
27	21L65A0404	Sekaramantri Prasanna	S. Prasanna
28	21L65A0405	Akula Sriharshitha	A. Sriharshitha
29	21L65A0406	Devadi Srilatha	D. Srilatha
30	21L65A0407	Esarapu Kavitha	E. Kavitha
31	21L65A0408	Teku Sukesh	T. SUKESH
32	21L65A0409	Tanari Varshini	T. Varshini
33	21L65A0410	Annavarpu Vinay Kumar	A. Vinay Kumar
34	21L65A0413	Betha Sunitha	B. Sunitha
35	21L65A0414	Chukka Ramakrishna	Ch. Ramakrishna
36	21L65A0415	Dadi Bhargav Suresh	D. Bhargav Suresh
37	21L65A0417	Gandiboyina Venkata Lavanya	G. Venkata Lavanya
38	21L65A0418	Gollapalli Priyanka	G. Priyanka
39	21L65A0421	Mamidi Tejaswini	M. Tejaswini

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Principal

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048





# CHAITANYA ENGINEERING COLLEGE

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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

40	21L65A0422	Moningi Renuka	M. Renuka
41	21L65A0423	Mudivinchu Krishna Veni	M. Krishna Veni
42	21L65A0424	Mummuna Bindu Swarna Sai	M. B. Swarna Sai
43	21L65A0425	Panigrahi Radha Ramana	P. Radha Ramana
44	21L65A0426	Genji Sampath	G. Sampath
45	21L65A0427	Ponnada Tejeswara Rao	P. Tejeswara Rao
46	21L65A0428	Kantamreddy Vinay	K. Vinay
47	21L65A0429	Kala Satish Karthik	K. Satish Karthik
48	21L65A0430	Peruri Nirmla Venkata Subbarao	P.N. Venkata Subbarao
49	21L65A0433	Yenibera Pawan Rakesh Kumar	Y. Pawan Rakesh Kumar
50	21L65A0434	Nakka Sandhya Rani	N. Sandhya Rani
51	21L65A0439	Neelapu Uha Sri	N. Uha Sri
52	21L65A0440	Kotiyala Saibaba	K. Saibaba
53	21L65A0441	Bayapureddi Srinu	B. Srinu
54	21L65A0442	Boddeda Likhita	B. Likhita
55	21L65A0443	Jalumuri Sandhya	J. Sandhya
56	21L65A0444	Uppili Vivek	U. Vivek
57	21L65A0445	Kaligatla Dattu Durga Challa Prasad	K. D. - Durga Challa Prasad
58	21L65A0446	Bahadursha Sai Mounika	B. S. Mounika
59	21L65A0447	Bammidi Naveen	B. Naveen
60	21L65A0448	Bourubilli Bhanu Teja	B. Bhanu Teja
61	21L65A0449	Gantla Lokesh	G. Lokesh
62	21L65A0450	Kandrapu Harika	K. Harika
63	21L65A0451	Kothalanka Mercy Jemimah	K. M. Jemimah
64	21L65A0452	Vesalapa Sanyakeshwari	V. Sanyakeshwari
65	21L65A0453	Yedida Lohith Vardhan	Y. Lohith Vardhan
66	21L65A0454	Rapeti Jaya Kumar	R. Jaya Kumar
67	21L65A0455	Vabalareddi Durga	V. Durga
68	21L65A0456	Marrapu Tejeswara Rao	M. Tejeswara Rao
69	21L65A0457	Jerripothula Jemima	J. Jemima
70	21L65A0458	Kesa Vamsi	K. Vamsi
71	206L1A0424	Kadraka Madhuri	K. Madhuri
72	206L1A0464	Enjarapu Revathi	E. Revathi
73	206L1A0472	Devakivada Supraja	D. Supraja
74	206L1A0474	Rokkam Shanmukharao	R. Shanmukharao
75	206L1A0475	Pogiri Harshavardhan	P. Harshavardhan
76	206L1A0474	Rokkam Shanmukharao	Rokkam Shanmukharao
77	206L1A0404	Munjeti Manikanta	Munjeti Manikanta
78	206L1A0433	Ranasthalam Shanmukha Rao	R. Shanmukha Rao
79	206L1A0464	Enjararapu Revathi	E. Revathi
80	206L1A0482	Biddika Padma	B. Padma
81	17L61A0403	Nalla Sai Deepak	N. S. Deepak

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**Report on**  
**A Two Week Certificate Program**  
**Python Programming**

A Two-Week Certificate Program was organized from **15-10-21 to 3-11-21** at Chaitanya Engineering College by Electronics and communication Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Strings in Pythons, Membership Operator in Python, F-string formatting in Python were discussed in detail by experienced resource persons from academia. There were 81 participants from this college.

**Resource Persons:**

- 1) V.HIMA BINDU, Asst.Prof., ECE
- 2) E.RAJU, Sr.Asst. Prof,ECE
- 3) V.PAVANI,Sr.Asst.Prof.,ECE
- 4) N.KALPANA,Asst.Prof.,ECE

**Topics Covered were:**

- Strings in Pythons
- Boolean values in Python.
- Arithmetic operators in Python.
- Comparison Operator in Python.
- Logical Operators in Python.
- Membership Operator in Python.
- F-string formatting in Python.

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
HOD



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF: CEC/PRI/21-22

DATE: 10-12-21

Attn: All III & IV B.Tech ECE Students

This is to inform you that all III & IV B.Tech ECE Students a **2 week** certification program will be conducted on **Topic: SECURITY IN NETWORKING SYSTEMS** will be held **13-12-21 to 24-12-21** at our college campus in 'Admin Block SEMINAR HALL'. Those who are attending the certificate programme, Attendance will be strictly monitored.

PRINCIPAL

Principal

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048

Copy to:

All HODs - to be circulated III & IV B.Tech ECE students.  
Director (Finance)



CHAITANYA ENGINEERING COLLEGE  
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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

## TWO WEEK PROGRAM ON SECURITY IN NETWORKING SYSTEM

VENUE: SEMINAR HALL, ABDULKALAM BLOCK

BRANCH:ECE

S.No.	Date	TOPIC
1	13-12-2021	Issues and challenges in information security
2	14-12-2021	Wireless Network Security
3	15-12-2021	Digital Forensics in Information Security
4	16-12-2021	Cyber Security
5	17-12-2021	Block chain
6	19-12-2021	Security in Cloud Computing
7	20-12-2021	Security in Big Data Analytics
8	21-12-2021	Security in WSN and IoT
9	22-12-2021	Security Analysis of Safety-Critical Systems
10	23-12-2021	Security in Real-Time Systems
11	24-12-2021	Hands on session
12	25-12-2021	Feedback and valedictory function

  
Coordinator

  
HOD CSE DEPT



## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of ECE has been in existence since inception of the college in the year 2002. The B.Tech programme has an intake of 180. Also the Department is offering Post Graduate programs on DECS with an intake of 18. The department has been accredited by NBA.

## ORGANISATION COMMITTEE

### CHIEF PATRON

**Dr.K.V.V. Satyanarayana Raju,**  
Chairman Chaitanya Group of Institutions

### PATRON

**Sri.K.Sasi Kiran Varma,**  
Secretary Chaitanya Engineering College

### Co-PATRONS

**Capt. Dr.D.L.N.Raju,**  
CEO Chaitanya Group of Institutions

**Sri.K.V.Murali Krishnam Raju,**  
Director (Finance)  
Chaitanya Engineering College

### CHAIR PERSON

**Dr. K. Suresh**  
Principal Chaitanya Engineering College

## CO-ORDINATOR

**Mrs.D.Rajitha, Assoc. Prof**  
HOD OF ECE Department

## ORGANIZING MEMBERS

**I. Srinivas Rao , Assoc.Prof., CSE**  
**P.Ravi kumar ,Asst. Prof,CSE**  
**M. Aswini,Asst Prof.,CSE**  
**M.Padmaja ,Asst.Prof.,CSE**



**A TWO WEEKS  
CERTIFICATION PROGRAM  
On  
SECURITY IN NETWORKING  
SYSTEM  
13-12-21 To 24-12-21**



Organized by  
Department of CSE,  
**CHAITANYA ENGINEERING COLLEGE**  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
[www.cccac.in](http://www.cccac.in)

## About The Program

Network security is a set of technologies that protects the usability and integrity of a company's infrastructure by preventing the entry or proliferation within a network of a wide variety of potential threats. classic civil human rights in fact presupposes four different concepts of security: international security; negative individual security against the state; security as justification to limit human rights; and positive state obligation to offer security to individuals against other individuals. The most common security breach for the ecommerce website is concerned with Integrity, Availability, Confidentiality, Non-repudiation, Authenticity, and Privacy. These are economic security, food security, health security environmental security, personal security, community security, and political security. There are four major types of securities in finance - equity (high-risk, high-return stocks), debt (low-risk, low-return loans), hybrid (combination of equity and debt), and derivatives (financial contracts based on the value of an underlying asset).

## OBJECTIVES

The objective of the security network systems is to provide strategic guidance on how an organisation can protect their systems and data from cyber threats. These cyber security principles are grouped into four key activities: govern, protect, detect and respond. Govern: Identifying and managing security risks.

## TOPICS TO BE

- Data storage centralization.
- Identify Malicious activity on a computer system.
- Firewall.
- Importance of keeping updated Software.
- wireless sensor network.
- What are the effects of ad-hoc networks.
- How can a company network be safe?
- What are Network segmentation

## ADDRESS FOR CORRESPONDENCE

Mrs.D.Rajitha, Assoc. Prof  
HOD ECE Department  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile:9985239505  
Email:hodece@cec.ac.in

## ELIGIBILITY

This Program is intended for  
Students of 3<sup>rd</sup> & 4<sup>th</sup> ECE

## REGISTRATION

*It's Free*



## CHAITANYA ENGINEERING COLLEGE

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11

### A TWO WEEK PROGRAM ON SECURITY IN NETWORK SYSTEM

LIST OF PARTICIPANTS FROM 13-12-2021 TO 25-12-2021

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	20L61A0501	A Sai Shanmukh	A. Sai Shanmukh
2	20L61A0502	Adari Padma Sri	A. Padma Sri
3	20L61A0503	Adi Meghana Jyothi	A.M. Jyothi
4	20L61A0504	Akyana Meena Kumari	A. Meena Kumari
5	20L61A0505	Annamreddi Dharani	A. Dharani
6	20L61A0506	Babbadi Manohar Naidu	B. Manohar Naidu
7	20L61A0507	Bakuru Gayathri	B. Gayathri
8	20L61A0508	Baratam Venkata Sadgunamani	B.V. Sadgunamani
9	20L61A0509	Battini Priyanka	B. Priyanka
10	20L61A0510	Bodha Sravani	B. Sravani
11	20L61A0511	Bondada Sai Shyamala Thaneesha	B.S. Thaneesha
12	20L61A0512	Bonthu Himabindu	B. Himabindu
13	20L61A0513	Botta Janaki	B. Janaki
14	20L61A0514	Chandaluri Meghana	Ch. Meghana
15	20L61A0515	Chatla Ramachandra Reddy	Ch. R. Reddy
16	20L61A0516	Chikkala Sravan Kumar	Ch. Sravan Kumar
17	20L61A0517	Chodipilli Aditya Sai Vardhan	Ch. A. Sai Vardhan
18	20L61A0518	Choppa Hema Latha	Ch. Hema Latha
19	20L61A0519	Darupalli Raja Reddy	D. Raja Reddy
20	20L61A0520	Doddi Lalitha	D. Lalitha
21	20L61A0521	Dokula Navya Sree	-
22	20L61A0522	Doni Mohan Murali	D. Mohan Murali
23	20L61A0523	Donkena Dola Prakash	D. Dola Prakash
24	20L61A0524	Gedala Srihari	G. Srihari

10/12/21

Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530048





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25	20L61A0525	Gondu Sai Poojitha	G.S. Poojitha
26	20L61A0526	Gongada Bhavana	G. Sai Poojitha
27	20L61A0527	Gottapu Sahithi	G. Sahithi
28	20L61A0528	Guji Omprakash	G. Omprakash
29	20L61A0529	Harshitha Thumpala	T. Harshitha
30	20L61A0530	Jakkamsetti Bhavana	J. Bhavana
31	20L61A0531	Javvadhri Sri Sampath Venkat Mani	J.S.S.V. Mani
32	20L61A0532	Kanchuboina Sivani Beshlitha	K. Sivani Beshlitha
33	20L61A0533	Kandukuri Venkata Sai Vara Tejasree	K.V.S.V. Tejasree
34	20L61A0534	Karaka Prasanthi	K. Prasanthi
35	20L61A0535	Karanam Udaysri	K. Udaysri
36	20L61A0536	Karnati Lakshmi Thanmai	K. Lakshmi Thanmai
37	20L61A0537	Karrothu Anusha	K. Anusha
38	20L61A0538	Katta Venkata Chaya Supraja	K. V. Chaya Supraja
39	20L61A0539	Killo Mahesh Kumar	K. Mahesh Kumar
40	20L61A0540	Kokkiripati Kalyan	K. Kalyan
41	20L61A0541	Kolli Sireesha	K. Sireesha
42	20L61A0542	Korubilli Kalyani	K. Kalyani
43	20L61A0543	Kovvuri Venkata Dinesh Reddy	K.V.D. Reddy
44	20L61A0544	Kukkala Harish	K. Harish
45	20L61A0545	Kundrapu Mahesh	K. Mahesh
46	20L61A0546	Labala Dinesh Karthik	L. Dinesh Karthik
47	20L61A0547	Lakkaraju Lavanya	L. Lavanya
48	20L61A0548	Madabathula Nirmal Kumar	M. Nirmal Kumar
49	20L61A0549	Majeti Swarna Harsha	M. Swarna
50	20L61A0550	Mantrabuddi Renuka	M. Renuka
51	20L61A0551	Manuri Bhanu Prakash	M. Bhanu Prakash
52	20L61A0552	Mortha Sudheer	M. Sudheer
53	20L61A0553	Neelapu Prasad	N. Prasad

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54	20L61A0554	Pachupenta Durga Sai Abhinav	P-D.S. Abhinav
55	20L61A0555	Pakkurthi Venkata Jahnvi	P. Venkata Jahnvi
56	20L61A0556	Paluri Pavan Kalyan	P.P. Kalyan
57	20L61A0557	Pappula Vishalakshi	P. Vishalakshi
58	20L61A0558	Peethala Manikanta	P. Manikanta
59	20L61A0559	Pinninti Sankara Rao	P. Sankara Rao
60	20L61A0560	Sankalp Pothabathula	S. Pothabathula
61	20L61A0561	Pudi Akhil	P. Akhil
62	20L61A0562	Sattaru Gnanapraveen	S. Gnanapraveen
63	20L61A0563	Silla Venkata Murtyala Rao	S. V. Murtyala Rao
64	20L61A0564	Sombarki Sudheer	S. Sudheer
65	20L61A0565	Sornapudi Surya Ruthwick	S. Surya Ruthwick
66	20L61A0566	Surada Prudhvi Erni Dileep	S.P.E. Dileep
67	20L61A0567	Swapnil Mishra	S. Mishra
68	20L61A0568	Tadigadapa Vinay	T. Vinay
69	20L61A0569	Tandra Raajith	T. Raajith
70	20L61A0570	Tella Lakshmi Sowmya	T.L. Sowmya
71	20L61A0571	Thattikota Iswarya Lakshmi	Th. Iswarya Lakshmi
72	20L61A0572	Vaka Urmila	V. Urmila
73	20L61A0573	Yerubandi Veera Venkata Praveen	Y.V.V. Praveen
74	20L61A0574	Labala Yeswanth	L. Yeswanth
75	20L61A0575	Avireddy Harshavardhan	A. Harshavardhan
76	21L65A0501	Baratam Ganesh	B. Ganesh
77	21L65A0502	Guji Bhavana	G. Bhavana
78	21L65A0503	Dantuluri Rishitha Varma	D.R. Rishitha
79	21L65A0504	Manthrabuddi Kishore	M. Kishore
80	21L65A0505	Dantuluri Praveenvarma	D. Praveenvarma
81	21L65A0506	Singireddi Ram Naresh	S.R. Naresh
82	21L65A0507	Chulla Sai Rama Krishna	Ch. S.R. Krishna

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83	21L65A0508	Karaka Yaswanth Kumar	K. Yaswanth Kumar
84	21L65A0509	Kesamsetty Harish	K. Harish
85	21L65A0510	Kollipaka Venkatesh	K. Venkatesh
86	21L65A0511	Varanasi Asish Kumar	V. Asish Kumar
87	21L65A0512	Yella Sai Kiran	Y. S. Kiran
88	21L65A0513	Kudipudi Pavan Kumar	K. Pavan Kumar
89	21L65A0514	Dakshinamurthy Susila	D. Susila
90	21L65A0515	Natti Ganesh	N. Ganesh
91	21L65A0516	Ravada Sridhar	R. Sridhar
92	21L65A0517	Kakarala Krishna Vamsi	K. K. Vamsi
93	21L65A0518	Sri Sai Yogesh Kumar Ethalapaka	S. S. Y. Kumar
94	21L65A0519	Shaik Amhed Ali	Sh. Amhed Ali
95	21L65A0520	G. Thapan Kumar	G. Thapan Kumar
96	21L65A0521	M Sai Kiran Varma	M. S. K. Varma
97	21L65A0522	J Sai Kumar	J. Sai Kumar
98	21L65A0523	J Swami Naidu	J. Swami Naidu
99	21L65A0524	P. Vamsi Krishna	P. Vamsi Krishna
100	21L65A0525	P Swamy	





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**Report on**  
**A Two Week Certificate Program**  
**Security in Networking System**

A Two-Week Certificate Program was organized from **13-12-21 to 25-12-21** at Chaitanya Engineering College by Electronics and communication Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Identify, Protect, Detect, Respond, Recover were discussed in detail by experienced resource persons from academia. There were 100 participants from this college.

**Resource Persons:**

- 1) Srinivas Rao , Assoc.Prof., CSE
- 2) P.Ravi kumar,Asst. Prof,CSE
- 3) M. Aswini,Asst.Prof.,CSE
- 4) M.Padmaja ,Asst.Prof.,CSE

**Topics Covered were:**

- Identify
- Protect
- Detect
- Respond
- Recover

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
HOD



CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF: CEC/PRI/21-22

DATE: 10-12-21

Attn: All B.Tech II YEAR CSE Students

This is to inform you that all B.Tech II YEAR CSE students a **2 week** certification program will be conducted on **Topic: CYBER SECURITY PRINCIPLES** will be held **13-12-21 to 24-12-21** at our college campus in 'Abdul Kalam' Block 'Seminar Hall'. Those who are attending the certificate programme, Attendance will be strictly monitored.

  
Principal

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048

Copy to :

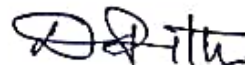
All HODs - to be circulated among II YEAR CSE students.

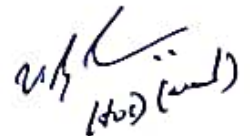
Director (Finance)

  
HOD-CIVIL

  
MBA





  
(HOD) (CIVIL)



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

### TWO WEEKS PROGRAM ON CYBER SECURITY PRINCIPLES

VENUE: SEMINAR HALL, ABDUL KALAM BLOCK

BRANCH:CSE

S.No.	Date	TOPIC
1	13-12-2021	Introduction to Cyber Security
2	14-12-2021	Threats and Countermeasures in Digital Crime and Cyber Terrorism
3	15-12-2021	Standard Process Models to Secure Information and Communications Technology
4	16-12-2021	Planning for security
5	17-12-2021	Socio-technical context, Risk Management
6	19-12-2021	Security Technology: Firewalls, VPNs and Wireless
7	20-12-2021	Security Technology: Intrusion Detection and Prevention Systems and Other Security Tools, In-Class Test
8	21-12-2021	Data Security and Physical Security
9	22-12-2021	Implementing Information Security
10	23-12-2021	Insider Threats: Detecting and Controlling Malicious Insiders
11	24-12-2021	System and Application Security
12	24-12-2021	Feedback and valedictory function

  
Coordinator

  
HOD CSE



## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

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## ORGANISATION COMMITTEE

### CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju,  
Chairman Chaitanya Group of Institutions

### PATRON

Sri.K.Sasi Kiran Varma,  
Secretary Chaitanya Engineering College

### Co-PATRONS

Capt. Dr.D.L.N.Raju,  
CEO Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju,  
Director (Finance)  
Chaitanya Engineering College

### CHAIR PERSON

Dr. K. Suresh  
Principal Chaitanya Engineering College

### CO-ORDINATOR

DR.Y.PAWAN SATHISH  
Assoc.Prof hod, CSE Department

### ORGANIZING MEMBERS

I. Srinivas Rao , Assoc.Prof., CSE  
P.Ravi kumar, Asst. Prof,CSE  
M. Aswini,Asst.Prof.,CSE  
M.Padmaja, Asst.Prof.,CSE



A TWO WEEKS CERTIFICATION  
PROGRAM  
ON  
CYBER SECURITY  
PRINCIPLES

13-12-21 To 24-12-21



Organized by  
Department of Computer Science  
Engineering  
CHAITANYA ENGINEERING COLLEGE  
Kommadi, Madhurawada,  
Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
[www.cec.ac.in](http://www.cec.ac.in)

## About The Program

These cyber security principles are grouped into four key activities: govern, protect, detect and respond. Govern: Identifying and managing security risks. Protect: Implementing controls to reduce security risks. Detect: Detecting and understanding cyber security events to identify cyber security incidents.

In general, Information Security professionals suggest that protecting sensitive data requires a combination of people, processes, policies, and technologies.

They also include dealing with confidentiality, integrity, availability (known as the "CIA triad"), authentication, key management, physical security, and social engineering

The NICE Framework comprises seven categories (Securely Provision, Operate and Maintain, Oversee and Govern, Protect and Defend, Analyze, Operate and Collect, and Investigate); specialty areas; work roles; tasks; and knowledge, skills and abilities (KSAs).

## OBJECTIVES

The objective of the cyber security principles is to provide strategic guidance on how an organisation can protect their systems and data from cyber threats. These cyber security principles are grouped into four key activities: govern, protect, detect and respond. Govern: Identifying and managing security risks.

## TOPICS TO BE

- Identify
- Protect
- Detect
- Respond
- Recover

## ADDRESS FOR CORRESPONDENCE

Y.Pawan sathish, Assoc prof, HOD CSE  
DEPARTMENT  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADIHURAWADA  
VISAKHAPATNAM-530048  
Mobile: 9293733176  
Email: hodcse@cec.ac.in

## ELIGIBILITY

This Program is intended for  
Students of 2<sup>nd</sup> year In  
COMPUTER SCIENCE  
ENGINEERING.

## REGISTRATION

*It's Free*



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**CHAITANYA ENGINEERING COLLEGE**  
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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

**A TWO WEEK PROGRAM ON CYBER SECURITY PRINCIPLES**

**LIST OF PARTICIPANTS FROM 13-12-2021 TO 25-12-2021**

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	22L61A5414	Jatla Manohar Sai Jagannadh	J. M. - sai Jagannadh.
2	22L61A5439	Tolada Venkat Sai Vivek	T. V. S. vivek
3	22L61A5419	Mangiseti Sowmya	M. Sowmya
4	22L61A5431	R Sai Revanth	R. S. Revanth
5	22L61A5442	Kuncham Tejasri	K. Tejasri
6	22L61A5404	Bondalapu Sandhya	B. Sandhya
7	22L61A5401	A Devi Prasad	A. Devi Prasad
8	22L61A5407	C Nikhileswarnadh	C. Nikhileswarnadh.
9	22L61A5430	Ranabheri Manjeera	R. Manjeera
10	22L61A5432	Ravva Venkatesh	R. Venkatesh
11	22L61A5444	Karthik Yedagiri	K. Yedagiri
12	22L61A5412	Ganta Chandra Sekhar	G. Chandra Sekhar
13	22L61A5405	Burada. Navya	B. Navya
14	22L61A5409	D.Sai Jaswanth	D. S. Jaswanth
15	22L61A5429	Puvvala Sruthi	P. Sruthi
16	22L61A5422	Muvvala Devi Kavya	M. Devi Kavya
17	22L61A5417	Kondrothu Asha	K. Asha
18	22L61A5427	Penugonda Rishitha	P. Rishitha
19	22L61A5413	Jada. Venkatatamana	J. V. - Ramana
20	22L61A5421	Mogasala.Sgdv Ramani	M. S. Ramani
21	22L61A5411	Eegala Harika	E. Harika
22	22L61A5402	Yugandhar Beesetty	Y. Beesetty
23	22L61A5415	Jeeru Nikhilesh Reddy	J. N. Reddy
24	22L61A5420	Miryabelli Manoj Kumar	M. M. Kumar

IOAE

  
Principal  
Chaitanya Engineering College  
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Kommadi, VISAKHAPATNAM-530 048





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25	22L61A5406	Chebolu Saikumar	Ch. Sai Kumar
26	22L61A5436	Tedlapu. Hema Satya Lakshmi	T.H.S. Lakshmi
27	22L61A5437	Thimamani Mahitha Bhargavi	T.M. Bhargavi
28	22L61A5428	Pulaparthi Sai Divya Sir	P. Sai Divya
29	22L61A5408	Doddi Siva Sai	D.S. Sai
30	22L61A5438	Thurangi Manikanta	T. Manikanta
31	22L61A5418	Korra Sachin	K. Sachin
32	22L61A5433	Sanapathi Teja	S. Teja
33	22L61A5416	Karri Vamsi Krishna	K.V. Krishna
34	22L61A5440	Uddandam Durga Ganesh	U.D. Ganesh
35	22L61A5426	Palla Kishan Sai	P.K. Sai
36	22L61A5434	Saripilli Devi Vara Prasad	S.D.V. Prasad
37	22L61A5425	Padagala Jhansi	P. Jhansi
38	22L61A6104	Chappa Mohan Sai	Ch. Mohan Sai
39	22L61A6108	Gedda Manikanta	G. Manikanta
40	22L61A6109	Lalam Rohini	L. Rohini
41	22L61A6103	Barla. Kavva	B. Kavva
42	22L61A6113	Pedagadi Bhaskar Rao	P. Bhaskar Rao
43	22L61A6117	Vanchana Manikanta	V. Manikanta
44	22L61A6115	Putti Thrilochana Rao	P.T. Rao
45	22L61A6118	Yellapu Meghashyambhavani Raju	Y.M. Raju
46	22L61A6101	Anusuri Brainard	A. Brainard
47	22L61A6116	Rajamandrapu Nooka Venkata Vivek	R.N.V. Vivek
48	22L61A6105	Chintham Reddy Rama Krishna Reddy	Ch.R.R. Krishna Reddy
49	22L61A6102	Laxman Appireddy	L.A. Reddy
50	22L61A6110	Kandipilli Mohit	K. Mohit
51	22L61A6107	Venkata Rao Dwarapudi	D.V. Rao
52	22L61A6106	Dosapatni Kiran	D. Kiran
53	22L61A0598	D. Vasanth	D. Vasanth

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Principal  
Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048  
Chaitanya Engineering College  
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54	22L61A0581	Yadagiri Aditakshmi	Y. Aditi Lakshmi
55	22L61A0567	Sathivada Sandhya	S. Sandhya
56	22L61A0573	Tarini Uday	T. Uday
57	22L61A0584	Ambati Shankar	A. Shankar
58	22L61A0571	Sivalanka Rupavathi	S. Rupavathi
59	22L61A0570	Sirra Abhinash	S. Abhinash
60	22L61A0586	Chappidi Jnana Sowmya	Ch. J. Sowmya
61	22L61A0585	B Dilesh	B. Dilesh
62	22L61A0583	Y. Kumar	Y. Kumar
63	22L61A0588	Komanapalli Nikhitha	K. Nikhitha
64	22L61A0599	Pentakota Lakshmi Sowjanya	P. Lakshmi Sowjanya
65	22L61A05A4	Vegri Tarun	V. Tarun
66	22L61A0565	Sakalabakthula Varsha	S. Varsha
67	22L61A0579	Vempadapu Harini	V. Harini
68	22L61A0563	Reddy Renuka	R. Renuka
69	22L61A0551	Pathala Kalyan	P. Kalyan
70	22L61A0569	Seetha Pavan Kalyan	S. P. Kalyan
71	22L61A05A1	Seetha Manikantha	S. Manikantha
72	22L61A0578	Velugu Mani Sankar Raja	V. Mani Sankar Raja
73	22L61A05A0	Pinapolu Mohan	P. Mohan
74	22L61A0595	Thummalapalli John Babu	T. John Babu
75	22L61A05A2	Singampalli Poojitha	S. Poojitha
76	22L61A0559	Pragada Pallavi	P. Pallavi
77	22L61A0557	Polipalli Jahnvi	P. Jahnvi
78	22L61A0566	Sanapala Akhila	S. Akhila
79	22L61A0564	Hanpriyasakalabakthula	H. Priyasakalabakthula
80	22L61A0555	Pillagulla Vasantha Kumari	P. V. Kumari
81	22L61A0572	Surada Vanisri	S. Vanisri

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PRINCIPAL  
Chaitanya Engineering College  
Kommadi, VISAKHAPATNAM-530 048



**Report on**  
**A Two Week Certificate Program**  
**Cyber security principles**

A Two-Week Certificate Program was organized from 13-12-21 to 25-12-21 at Chaitanya Engineering College by Computer science Engineering Department. This was a Two-Week certificate Program, where the latest topics related to • Identify, Protect, Detect, Respond, Recover were discussed in detail by experienced resource persons from academia. There were 81 participants from this college.

**Resource Persons:**

- 5) Srinivas Rao , Assoc.Prof., CSE
- 6) P.Ravi kumar,Asst. Prof,CSE
- 7) M. Aswini,Asst.Prof.,CSE
- 8) M.Padmaja ,Asst.Prof.,CSE

**Topics Covered were:**

- Identify
- Protect
- Detect
- Respond
- Recover

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
BOD





CHAITANYA ENGINEERING COLLEGE  
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada  
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

REF: CEC/PRI/21-22

DATE: 10-01-22

Attn: MBA Students

This is to inform you that MBA students a **2 week** certification program will be conducted on **Topic: BUSINESS COMMUNICATION SKILLS** will be held 24-01-22 to 07-02-22 at our college campus in 'Abdul Kalam' Block 'A202 classroom'. Those who are attending the certificate programme, Attendance will be strictly monitored.

PRINCIPAL

Principal  
Chaitanya Engineering College,  
Kommadi VISAKHAPATNAM-530 048

Copy to:  
All HODs - to be circulated among MBA students.  
Director (Finance)



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

## TWO WEEKS PROGRAM ON BUSINESS COMMUNICATION SKILLS

VENUE: A 202

BRANCH: MBA

S.No.	Date	TOPIC
1	24-1-2022	Marketing, brand management, customer relations,
2	25-01-2022	consumer behavior, advertising, public relations
3	27-01-2022	corporate communication, community
4	28-01-2022	engagement, reputation management,
5	30-01-2022	interpersonal communication, employee engagement,
6	31-01-2022	internal communication, and event management.
7	01-02-2022	Fundamentals of Business Communication: Oral and Non-verbal communication
8	02-02-2022	Principles of Listening: Types and techniques of listening
9	03-02-2022	Effective Presentation Skills: Developing and delivering different types of presentations & speeches.
10	04-02-2022	Significance of Cross-Cultural Communication: Business etiquette and cross-cultural issues.
11	06-02-2022	Importance of Interpersonal Communication at Workplace: Building an open climate of communication and resolving conflicts amicably.
12	07-02-2022	Feedback and evaluatory function

  
Coordinator

  
HOD

## ABOUT INSTITUTION

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNTU University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. With specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced Laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

## ABOUT THE DEPARTMENT

The Department of Business & Management Studies has come into existence in the year 2007 in Chaitanya Engineering College with an initial intake of 60 students for post-graduation in Business Management (MBA).

## ORGANISATION COMMITTEE

### CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju,  
Chairman Chaitanya Group of Institutions

### PATRON

Sri.K.Sasi Kiran Varma,  
Secretary Chaitanya Engineering College

### Co-PATRONS

Capt. Dr.D.L.N.Raju,  
CEO Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju,  
Director (Finance)  
Chaitanya Engineering College

### CHAIR PERSON

Dr. K. Suresh  
Principal Chaitanya Engineering College

## CO-ORDINATOR

M. Padmaja, Sr.Asst.Prof  
HOD, MBA Department

## ORGANIZING MEMBERS

J. Ratnakkar,Asst Professor  
K. Jhoshna ,Asst.Professor



## A TWO WEEKS CERTIFICATION PROGRAM

On Business communication skills  
24-1-2022 to 7-2-2022  
IN  
MBA Department



Organized by  
Department of MBA  
CHAITANYA ENGINEERING COLLEGE  
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Visakhapatnam-530048 Andhra  
Pradesh, INDIA Visit us at  
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## About The Program

Business management is the process of planning, organizing, directing, and controlling the activities of a business or organization to achieve its goals and objectives. It involves overseeing all aspects of a business, from finance and operations to marketing and human resources.

Business management skills are attributes a person running a company uses to help the company and its employees reach goals and improve. These skills are usually acquired through on-the-job experience or by studying them in an educational environment.

While there is no magic formula for being a successful entrepreneur, those who do succeed tend to have mastered the following set of skills: good and effective communication; being able to sell both themselves and their idea or product; strong focus; eagerness to learn and be flexible; and a solid business plan.

You will need to communicate and negotiate with your suppliers, potential investors, customers and employees. Having effective written and verbal communication skills will help you to build good working relationships. Every communication should reflect the image you are trying to project.

## OBJECTIVES

To provide information on working targets, designing business strategies, adhering to company policies and meeting company goals and standards. Ensuring the availability of sufficient resources such as personnel, material, equipment in the company/business. Ability to perform periodic budget analysis and develop

## TOPICS TO BE

- Business and environmental sustainability.
- Business economics.
- Corporate governance, risk and ethics.
- Data analytics.
- Fundamentals of accounting and finance.
- Human resource management.
- International business and management.
- Management and society.

## ADDRESS FOR CORRESPONDENCE

M.Padmaja, HOD MBA Department  
CHAITANYA ENGINEERING COLLEGE,  
KOMMADI, MADHURAWADA  
VISAKHAPATNAM-530048  
Mobile:9440311419  
Email:padmaja1920@gmail.com

## ELIGIBILITY

This Program is intended for  
Students of all MBA

## REGISTRATION

*It's Free*



A TWO WEEKS PROGRAM ON BUSINESS COMMUNICATION SKILLS

LIST OF PARTICIPANTS 24-01-2022 TO 07-02-2022

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	22L61E0015	Gavireddy Hemanth	G. Hemanth
2	21L61E0012	G Krishna Mounish	G. Krishna Mounish
3	21L61E0032	Pothina Bindu Sai Lakshmi	P. B. S. Lakshmi
4	22L61E0017	Koonapalli maneasha	K. Maneasha
5	22L61E0020	M. Naveen kumar	M. Naveen Kumar
6	20L61E0017	Jansi lakshmi chidamana	J. Lakshmi chidamana
7	22L61E0023	Saikiran netheti	S. Netheti
8	22L6E10042	D.Indu	D. Indu
9	22L610E016	Konda chandini	K. Chandini
10	22L61E0021	Midathana jahnavi	M. Jahnavi
11	22L61E0007	Palli Gayatri Mutyala Kusuma	P. G. Mutyala Kusuma
12	21L61E0023	Priyanka	Priyanka
13	21L61E0001	Bandaru Shanmuka Srinivas Rao	B. S. S. Rao
14	22L61E0003	Kona kalyan sai	K. Kalyan Sai
15	22L61E0002	Guttula Ramanjineya	G. Ramanjineya
16	22L61E0004	Koppada Ganesh	K. Ganesh
17	22L61E0028	Ravada Yamini	R. Yamini
18	22L61E0029	Reesu siva	R. Siva
19	22L61E0039	Chodipelli Prasad	Ch. Prasad
20	22L61E0006	Mylapalli nookaratnam	M. Nookaratnam
21	22L61E0010	Bandreddy Bavika	B. Bavika
22	21L61E0033	Pothina Venkata Siva Sai Babu	P. Venkata Siva Sai Babu
23	22L61E0037	Vankayalapati Sai Sowmya	V. S. Sowmya
24	17135A0110	Gottupalli Satyanarayana	G. Satyanarayana
25	21L61E0027	Nelli Neelima	N. Neelima
26	21L61E0003	Galavilli Srinivas	G. Srinivas
27	22L61E0018	Lingam Rakesh	L. Rakesh
28	22L61E0048	Yerusu Yerrayya Reddy	Y. Y. Reddy
29	22L61E0038	Chilla chanikya Reddy	Ch. Chanikya Reddy
30	22L61E0033	Theeda Venkata Ratna Kumar	Th. V. Ratna Kumar
31	19L65A0328	Viyyapu vamsi	V. Vamsi
32	20192007033	Uppala Bindu Sadvika	U. Bindu Sadvika
33	22L61E0009	Andraje Markandeyelu	A. Markandeyelu
34	22L61E0025	Pericherla Pavan Kalyan Varma	P. Pavan Kalyan Varma
35	22L61E0027	Rapeti Prem Kumar	R. Prem Kumar

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PRINCIPAL

Chaitanya Engineering College  
Kommadi VISAKHAPATNAM-530 048





**Report on**  
**A Two Week Certificate Program**  
**Business communication skills**

A Two-Week Certificate Program was organized from 24-1-22 to 7-2-22 at Chaitanya Engineering College by MBA Department. This was a Two-Week certificate Program, where the latest topics related Business and environmental sustainability, Business economics, Data analytics, Fundamentals of accounting and finance were discussed in detail by experienced resource persons from academia. There were 25 participants from this college.

**Resource Persons:**

- 1) J. Ratnakkar, Asst Professor
- 2) K. Jhoshna, Asst. Professor

**Topics Covered were:**

- Business and environmental sustainability.
- Business economics.
- Corporate governance, risk and ethics.
- Data analytics.
- Fundamentals of accounting and finance.
- Human resource management.

A Two-week certificate program was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.

  
Coordinator

  
NOB