



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: 2022-23

S.No	Name of the Program	Duration of Course	No. of Participants
1	A Two Week Program on Pollution & Air Quality.	22-08-22 to 3-9-22	83
2	A Two Week Program on Battery Management in Electrical Vehicles.	12-09-22 to 24-09-22	79
3	A Two Week Program on Python Programming.	19-09-22 to 30-09-22	115
4	A Two Week Program on Artificial Intelligence.	28-11-22 to 09-12-22	163
5	A Two Week Program on Basic concepts of Deep learning.	06-02-23 to 17-02-23	41
6	A Two Week Program on Introduction to Machine Learning	20-2-23 to 04-03-23	75

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/22-23

DATE: 17-08-22

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: POLLUTION AND AIR QUALITY** will be held **22-08-22 to 03-09-22** at our college campus in **A-202**. Those who are attending the certificate programme, Attendance will be strictly monitored.



PRINCIPAL

Copy to :

All HODs - to be circulated among all B.TECH Civil students
Director (Finance)

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048



HOD AUR



CSE
HOD




A@me
CIVIL
HOD



MCA



MBA



V.H. (HOD)



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

A Two-week Program on Pollution and Air Quality

VENUE: A 202

BRANCH: CIVIL ENGINEERING

S.No.	DATE	TOPIC
1	22-8-2022	Air Pollution- Sources, and Causes Impact of Air pollution on the globe
2	23-8-2022	Impact of Air pollution on Human Health, vegetation and living conditions. Transformation, Classification and Atmospheric Stability
3	24-8-2022	Statistical tools - 1: Lapse Rate, Plume Behaviour Air Quality Monitoring and AQI
4	25-8-2022	Statistical tools - 2: Point, line, and area source models
5	26-8-2022	Air pollution emission Standards - Global Policies, Legal acts, regulations Indian Policies, acts, and Obligations
6	27-8-2022	Control Measures - 1: Air pollution control Strategies and Implementation, Devices, equipment, and their design.
7	29-8-2022	General Methods of control of NO _x and SO _x emission In-plant method of Control measure
8	30-8-2022	Dry and wet methods of removal and recycling. Air quality Monitoring of SPM, SO _x , NO _x , and CO emission Standards
9	1-9-2022	Emerging Technologies for mitigation of Air pollution - Remote Sensing and Receptor Modelling
10	2-9-2022	Emerging Technologies for mitigation of Air pollution - Bio fuels and Sustainable Infrastructure development
11	3-9-2022	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 POLLUTION AND AIR
QUALITY
22-08-22 TO 3-9-22



Organized by
Department of Civil Engineering
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra Pradesh,
INDIA Visit us at www.cec.ac.in

ABOUT THE PROGRAM

This programme on pollution and air quality intends to be on Ambient (outdoor) air pollution in both cities and rural areas was estimated to cause 4.2 million premature deaths worldwide per year in 2019; this mortality is due to exposure to fine particulate matter, which causes cardiovascular and respiratory disease, and cancers. Addressing air pollution, which is the second highest risk factor for noncommunicable diseases, is key to protecting public health. PM is a common proxy indicator for air pollution. There is strong evidence for the negative health impacts associated with exposure to this pollutant. The major components of PM are sulfates, nitrates, ammonia, sodium chloride, black carbon, mineral dust and water. The WHO Global air quality guidelines (AQG) offer global guidance on thresholds and limits for key air pollutants that pose health risks. These guidelines are of a high methodological quality and are developed through a transparent, evidence-based decision-making process. In addition to the guideline values, the WHO Global air quality guidelines provide interim targets to promote a gradual shift from high to lower concentrations.

OBJECTIVES

The main objective of these Networks is to record the concentration levels of atmospheric pollutants in order to define air quality levels and establish action plans if high levels of contamination are detected. Other objectives are: Locating contamination problem areas and understanding their space- time changes. The purpose of the AQI is to help people know how the local air quality impacts their health. The Environmental Protection Agency (EPA) calculates the AQI for five major air pollutants, for which national air quality standards have been established to safeguard public health.

TOPICS TO BE

- Particulate matter
- Ozone
- Nitrogen dioxide
- Carbon monoxide
- Sulphur dioxide

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



①

A TWO WEEK PROGRAM ON POLLUTION AND AIR QUALITY

LIST OF PARTICIPANTS 22-08-2022 TO 03-09-2022

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L61A0101	Modina Ganesh	M. Ganesh
2	21L65A0101	Bade Dhanalakshmi	B. Dhanalakshmi
3	21L65A0102	Badi Santosh Kumar	B. Santosh Kumar
4	21L65A0103	Balireddi Lalini	B. Lalini
5	21L65A0104	Balla Devi Ravi Kiran	Devi Ravi Kiran
6	21L65A0105	Bobbili Uma Mahesh	Uma
7	21L65A0106	Budumuru Sai Lakshmi	B. Sai Lakshmi
8	21L65A0107	Busam Jyotendra Srinivas	Srinivas
9	21L65A0108	Chandaka Saikumar	Saikumar
10	21L65A0109	Chelibonu Venkatesh	Chelibonu Venkatesh
11	21L65A0110	Dogga Naga Mani Kanta	D. Mani Kanta
12	21L65A0111	Duru Sai Prasad	D. Sai Prasad
13	21L65A0112	Kinthada Uma	K. Uma
14	21L65A0113	Kuda Viktar Babu	K. Viktar Babu
15	21L65A0114	Makala Jaswanth Kumar	M. Jaswanth Kumar
16	21L65A0115	Giduthuri Jagadish	G. Jagadish
17	21L65A0116	Maradapudi Madhava Sai	Madhava Sai
18	21L65A0117	Medapureddy Naidubabu	M. Naidubabu
19	21L65A0118	Muddada Aditya	M. Aditya
20	21L65A0119	Mula Chandrasekhara Rao	M. Chandrasekhara Rao
21	21L65A0120	Paila Nutan Kumar	P. Nutan Kumar
22	21L65A0121	Pala Bhusankar Reddy	P. Bhusankar Reddy
23	21L65A0122	Panchireddy Ajay	P. Ajay
24	21L65A0123	Panditi Krishnakanth	P. Krishnakanth
25	21L65A0124	Pangi. Issaku	Issaku
26	21L65A0125	Pappu Antheopya Krupa	P. Antheopya Krupa
27	21L65A0126	Kolli Durga Prasad	D. Prasad
28	21L65A0127	Psvs Sai Kiran	Sai Kiran
29	21L65A0128	Uppala Sai Santhosh Kumar	U. Sai Santhosh Kumar
30	21L65A0129	Regani Sireesha	R. Sireesha
31	21L65A0130	Rongali Dilleswar Rao	Dilleswar Rao
32	21L65A0131	Ruttala Deekshita	Deekshita
33	21L65A0132	Sabbi Sai Vara Prasad	S. Sai Vara Prasad
34	21L65A0133	Saluru Vedhasri	S. Vedhasri
35	21L65A0134	Dadi Varahala Naidu	Dadi. Varahala Naidu
36	21L65A0135	Siragam Ravindra Kumar	Siragam Ravindra Kumar

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

37	21L65A0136	Tammineni Laxman	J. Laxman
38	21L65A0137	Vanthala Sivadharmaraju	V. Sivadharmaraju
39	21L65A0138	Vegiraju Sai Praveen Varma	Sai Praveen Varma
40	21L65A0139	Yenneti Venkata Rakesh	Y. Venkata Rakesh
41	21L65A0140	Yalla Leela	Y. Leela
42	21L61A0101	Deesari Saiman Raju	D. Saiman Raju
43	21L61A0102	Gollori Vishnu	G. Vishnu
44	21L61A0103	Gompa Gowri	G. Gowri
45	21L61A0104	Katari Meena Kumar Naidu	K. Meena Kumar
46	21L61A0105	Killo Kiran	Killo. Kiran
47	21L61A0106	Pangi Vinodh	P. Vinodh
48	21L61A0107	Sakeri Ganesh	S. Ganesh
49	21L61A0108	Savirigana Ankitha	S. Ankitha
50	21L61A0109	Sondi Rakesh	S. Rakesh
51	21L61A0110	Vanabarangi Ganesh Naidu	V. Ganesh Naidu
52	21L61A0111	Vanthala Tharun	V. Tharun
53	21L61A0112	Vanthala Venkateswarlu	V. Venky.
54	21L61A0113	Tottadi Kavya	T. Kavya
55	21L61A0114	Biddika Durga Prasad	B. Durga Prasad
56	22L65A0101	Burlu Tharun	B. Tharun
57	22L65A0102	Chalugu Jaya Krishna	C. Jaya Krishna
58	22L65A0103	Gantyada Appala Raju	G. Appala Raju
59	22L65A0104	Gunnu Balasri	G. Balasri
60	22L65A0105	Jeelam Jogesh	J. Jogesh
61	22L65A0106	Kadimisetty Mahesh Babu	K. Mahesh Babu
62	22L65A0107	Kandregula Pavan Kumar	K. Pavan Kumar
63	22L65A0108	Kaviti Mithun Chakravarthi	K. Chakravarthi
64	22L65A0109	Killo Daveed	Killo Daveed
65	22L65A0110	Korangi Ashok Kumar	K. Ashok
66	22L65A0111	Koviri Sonu Gurumurthy	K. Sonu
67	22L65A0112	Marika Harish	M. Harish
68	22L65A0113	Mutchi Ganesh	M. Ganesh
69	22L65A0114	Mylapalli Hari Babu	M. Hari Babu
70	22L65A0115	Panthula Nagadurga Vara Prasad	P. Vara Prasad
71	22L65A0116	Polamarasetty Devendra Ravi Sai	P. Devendra Ravi Sai
72	22L65A0117	Polireddy Vamsi Krishna	P. Vamsi Krishna
73	22L65A0118	Relangi Bhavani	R. Bhavani
74	22L65A0119	Setti Balakrishna	S. Balakrishna
75	22L65A0120	Surampudi Siva Krishna	S. Siva Krishna
76	22L65A0121	Vandlabu Simhachalam Naidu	V. Simhachalam Naidu
77	22L65A0122	Surni Hari Vamsi	S. Hari Vamsi
78	22L65A0123	Doni Manikanta	D. Manikanta

IQAC

Principal

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

79	22L65A0124	Chandanala Satya Sai	<i>Chandanala Satya Sai</i>
80	22L65A0125	Kari Mohan	<i>K. Mohan</i>
81	22L65A0126	Mula Kesava Rao	<i>Kesava Rao</i>
82	22L65A0127	Regeti Uha	<i>Uha</i>
83	22L65A0128	Adduri Sai Kumar	<i>Sai Kumar</i>

[Signature]
IQAC

[Signature]
Principal

[Signature]
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
NBA & NAAC Accredited

Report on
A Two Week Certificate Program
Pollution & Air Quality

A Two-Week Certificate Program was organized from **22-08-22 to 3-9-22** at Chaitanya Engineering College by Civil Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Air pollution emission Standards, Control Measures, Plume Behavior Air Quality Monitoring and AQI were discussed in detail by experienced resource persons from academia. There were 30 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:

- Air Pollution- Sources
- Impact of Air pollution on Human Health
- Air pollution emission Standards
- Control Measures
- Dry and wet methods of removal and recycling

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/22-23

DATE: 08-09-22

Attn: All B.Tech EEE Students

This is to inform you that all B.Tech EEE students a **2 week** certification program will be conducted on **Topic: BATTERY MANAGEMENT IN ELECTRICAL VEHICLES** will be held **12-9-22 to 24-9-22** at our college campus in **A-205**. Those who are attending the certificate programme, Attendance will be strictly monitored.



PRINCIPAL

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

Copy to :

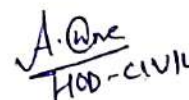
All HODs - to be circulated among B.TECH EEE students.
Director (Finance)



D. Pith
HOD PER



CEE - HOD



A. One
HOD - CIVIL



Dep
MBA



V. H
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 Battery Management in Electric Vehicles

VENUE: A 205

BRANCH: EEE

DATE	TOPIC
12-9-2022	Historical evolution of Vehicle mobility ,Advantages of Electric Mobility
13-9-2022	Introduction to battery-management systems, Battery- Terminology, Technology and Design
14-9-2022	Equivalent circuit model of a battery, Identifying battery static and dynamic model parameters
15-9-2022	Battery State-of-Charge (SoC) estimation 1: Introduction to linear Kalman filter, extended Kalman filter, Sigma - point Kalman filter
16-9-2022	Battery State-of-Charge (SoC) estimation 2: Bar-delta method to improve computational efficiency. Compensation techniques for biasing error analysis
17-9-2022	Battery State-of-Health (SoH) estimation 1: Health degradation, Battery -Cell capacity estimation
19-9-2022	Battery State-of-Health (SoH) estimation 2: Total least squares approach and Kalman filter approach
20-9-2022	Economic Analysis 1: Total cost of ownership, Cost/Benefit Analysis
21-9-2022	Economic Analysis 2: Cost Recovery ratio, Potential demands of the EV market
22-9-2022	Balancing Methods for Battery packs and Future Battery management systems
23-9-2022	Renewable Energy and Entrepreneurship Brain storming session - Ideas and Startups
24-9-2022	Feedback and valedictory function


Coordinator


HOD EEE

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,
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

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 BATTERY
MANAGEMENT IN
ELECTRICAL VEHICLES
20-02-23 TO 04-03-23



Organized by
Department of EEE
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra
Pradesh, INDIA Visit us at
www.cec.ac.in

ABOUT THE PROGRAM

Lithium-ion batteries are currently used in most electric vehicles because of their high energy per unit mass relative to other electrical energy storage systems. They also have a high power-to-weight ratio, high energy efficiency, good high-temperature performance, and low self-discharge. A chemical reaction between the metals and the electrolyte frees more electrons in one metal than it does in the other. The metal that frees more electrons develops a positive charge, and the other metal develops a negative charge. There are three different types of batteries that are commonly used - Alkaline, Nickel Metal Hydride (NiMH), and Lithium Ion. The use of different metals and electrolytes in these batteries gives them different properties which means they are suited to different contexts.

OBJECTIVES

To provide overview on batteries.

- To provide information on advanced batteries and emerging battery technologies are thoroughly surveyed and discussed.
- Advanced battery management and emerging management technologies are reviewed and evaluated. Challenges and opportunities of batteries and their management technologies are revealed.

TOPICS TO BE

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

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



A TWO WEEK PROGRAM ON BATTERY MANEGEMENT IN ELECTROCAL			
LIST OF PARTICIPANTS 12-09-2022 TO 24-09-2022			
S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L61A0201	Lingaberi Uday Kiran	L. Uday Kiran
2	19L61A0202	Gokeda Chandra Sekhar	G. Chandra Sekhar
3	20L65A0201	Aligi Mounika	A. Mounika.
4	20L65A0202	Alla Chandu	Chandu
5	20L65A0203	Barla Sravani	Sravani
6	20L65A0204	Chidagala Ramkumar	C. Ramkumar
7	20L65A0205	Ganthakoru Chandra Sekhar	G. Chandra Sekhar
8	20L65A0206	Gunala Vinaykumar	G. Vinaykumar
9	20L65A0207	Janapareddy Nanda Kishore	J. Nanda Kishore
10	20L65A0208	Kanchuboyana Mohith Kumar	Mohith
11	20L65A0209	Karanam Vasu Deva Rao	K. V. D. Rao
12	20L65A0210	Maddi Nikhil Kumar	M. Nikhil Kumar
13	20L65A0211	Patnala Rehamanth	P. Rehamanth.
14	20L65A0212	Senapathi Suresh Krishna	S. Suresh Krishna
15	20L65A0213	Budumuru Bhavani	Bhavani
16	20L65A0214	Nalam Sai Vamsi Jagadeesh	B. N. S. V. Jagadeesh
17	20L65A0215	Chinnala Krupa Samuel	C. Krupa Samuel
18	20L65A0216	Chandramouli Ram Kashyap	Ch. Kashyap.
19	20L65A0217	Chinthapalli Venkata Mani	Ch. Venkata Mani
20	20L65A0218	Kalla Gnyaneshwar	K. Gnyaneshwar
21	20L65A0219	Kambi Usha Rani	K. Usha Rani
22	20L65A0220	Kella Karthik	K. Karthik K.
23	20L65A0221	Kesamsetty Manideep	K. Manideep.
24	20L65A0222	Korada Ajay Kumar	K. Ajay Kumar
25	20L65A0223	Kothapalli Uday Kiran	K. Uday Kiran
26	20L65A0224	Majji Harika	Harika
27	20L65A0225	Peyyala Vinil Raju	M. Harika
28	20L65A0226	P. Krishna Prudhvi	P. Krishna Prudhvi
29	20L65A0227	Pinninti Praveen	P. Praveen.
30	20L65A0228	Reesu Manoj	R. Manoj
31	20L65A0229	Teddu Saicharan	B. Saicharan
32	21L65A0201	Balivada Sai Shiva	B. Sai Shiva
33	21L65A0202	Boddapu Lavanya	Lavanya

IQAC

Principal
Chaitanya Engineering College
Kommadi, VISAKHAPATNAM-530 048

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

34	21L65A0203	Boddu Uday Kiran	Uday Kiran
35	21L65A0204	Boddu Venkata Varaha Meghana	Venkata Varaha
36	21L65A0205	Chandaka Manikanta	Manikanta
37	21L65A0206	Cheepurupalli Bhaskara Rao	G. Bhaskara Rao
38	21L65A0207	Chitrada Premanjali	C. Premanjali
39	21L65A0208	Chukka Kotibabu	Kotibabu
40	21L65A0209	Chukkala Dilcep Kumar	Dilcep
41	21L65A0210	Dasamantaroo Hima Vamsi	D. Hima Vamsi
42	21L65A0211	Dasetti Poorna Chandu	Poorna Chandu
43	21L65A0212	Dungi Shanmukh Srinivas	Srinivas
44	21L65A0213	Eathalapaka Joshua	Joshua
45	21L65A0214	Godaba Kalyan	G. Kalyan
46	21L65A0215	Jerripotula Alekhya	J. Alekhya
47	21L65A0216	Kagita Siva Kumar	K. Siva Kumar
48	21L65A0217	Kantipamu Chaitanya	Chaitanya
49	21L65A0218	Kayala Sathvika	Sathvika
50	21L65A0219	Kola Deepika	K. Deepika
51	21L65A0220	Kotyada Durga Bhavani	Bhavani
52	21L65A0221	Kurimilli Durga Prasad	Durga Prasad
53	21L65A0222	Asam Sai Gupta	A. Saigupta
54	21L65A0223	Mamidi Jogendra Kumar	M. Jogendra Kumar
55	21L65A0224	Maradapudi Veeru Babu	M. Veeru Babu
56	21L65A0225	Mavuri Gowtham	M. Gowtham
57	21L65A0226	Mirthipati Harshavardhan	Harshavardhan
58	21L65A0227	Mohammed Muzammil	M. Muzammil
59	21L65A0228	Padmaraju Vinod Kumar	P. Vinod Kumar
60	21L65A0229	Pakki Devi Prasad	Devi Prasad
61	21L65A0230	Panathala Krishna Veni	P. Krishna Veni
62	21L65A0231	Pusarla Deepthi	Deepthi
63	21L65A0232	Pydi Chandu	P. Chandu
64	21L65A0233	Routhu Bhanu Vinay Prasanth	R. Bhanu Vinay Prasanth
65	21L65A0234	Sakalabhaktula Madhan Kumar	S. Madhan Kumar
66	21L65A0235	Shaik Goush Subhani	Goush Subhani
67	21L65A0236	Sigireddy Prasanth	S. Prasanth
68	21L65A0237	Sundara Giri Sai Suresh Kumar	S. G. Sai Suresh Kumar
69	21L65A0238	Suragala Ganesh	S. Ganesh
70	21L65A0239	Tokala Sarveswara Rao	T. Sarveswara Rao
71	21L65A0240	Urukuti Sunil Kumar	Sunil Kumar
72	21L65A0241	Vanthala Vidya Sagar	V. Vidya Sagar
73	21L65A0242	Vanum Vamsi Krishna	V. Vamsi
74	21L65A0243	Dilli Paul Abishek	Abishek

IQAC

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048
PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

75	21L65A0244	Chinta Gandhi	Ch. Gandhi
76	21L65A0245	Maddu Sashikiran	M. Sashikiran
77	21L65A0246	Palla Ramesh	Ramesh P.
78	21L65A0247	Cherukuri Venkata Bharadwaj	C. Venkata Bharadwaj
79	21L65A0248	Agathamudi Bharath	Bharath


Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048


IOKC


PRINCIPAL



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

Report on
A Two Week Certificate Program
Battery Management in Electric Vehicles

A Two-Week Certificate Program was organized from **12-09-22 to 24-09-22** at Chaitanya Engineering College by Electrical and Electronics Engineering Department. This was a Two-Week certificate Program, where the latest topics related to linear Kalman filter, extended Kalman filter Balancing Methods for Future Battery management systems were discussed in detail by experienced resource persons from academia. There were 40 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:

- Introduction to battery-management systems Battery- Terminology, Technology and Design
- linear Kalman filter, extended Kalman filter Sigma
- Battery State-of-Health
- Future Battery management systems
- Renewable Energy and Entrepreneurship Brain storming session

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/22-23

DATE: 14-09-22

Attn: All B.Tech ECE Students

This is to inform you that all B.Tech ECE students a **2 week** certification program will be conducted on **Topic: PYTHON PROGRAMMING** will be held **19-09-22 to 30-09-22** at our college campus in 'A-302'. 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 BTECH ECE students.
Director (Finance)



HOD PCB



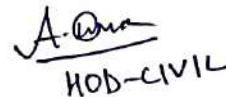
CEB HOD



3 ECE
M. S. P. S.



MU



A. S. S.
HOD-CIVIL



2 ECE
S. S. S.



4 ECE
T. Anurag



CEP
MBA



V. S. S.
HOD (MBA)



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

A Two-Week Program on Python Programming

VENUE: Computer Centre, Abdul Kalam Block

BRANCH: ECE

S.No.	Date	TOPIC
1	19-09-2022	Python Introduction, Literate Programming
2	20-09-2022	Keywords in Python, Operators in Python, Conditional Statements, Iterations
3	21-09-2022	Arguments in Functions, Strings and String Functions, String Slicing
4	22-09-2022	Python Data Structures Lists List Methods and Tuples
5	23-09-2022	Tuple Methods, Dictionaries and Dictionary Methods
6	24-09-2022	Sets, Set Methods, Packages and Modules, Regular Expression and File Handling
7	25-09-2022	List Comprehension, Iterators, Generators and Functional Programming
8	26-09-2022	Maps, Filters, Lambda, Object-Oriented Programming
9	27-09-2022	Python Libraries for Data Science, NumPy, Nd arrays, Advantages of NumPy
10	28-09-2022	Pandas, Data Structures in Pandas, Pandas Series and Data Frames
11	29-09-2022	Data Visualisation using Matplotlib library
12	30-09-2022	Feed back 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

Mrs.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



A TWO WEEKS CERTIFICATION
PROGRAM
PYTHON PROGRAMMING

19-09-22 to 30-09-22



Organized by
Department of ECE
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra
Pradesh, INDIA Visit us at
www.cec.ac.in

About The Program

Python Programming language comes 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: 9293733176
Email: hodcse@cec.ac.in

ELIGIBILITY

This Program is intended for
Students of 2nd ECE

REGISTRATION

It's Free



A TWO WEEK PROGRAM ON PYTHON PROGRAMMING

LIST OF PARTICIPANTS 19-09-2022 TO 30-09-2022

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	21L61A0401	Boni Yaswanth Kumar	B. yaswanth Kumar
2	21L61A0402	Amballa Thirumala	A. Thirumala
3	21L61A0403	Amujuru Sai Srinivas	A. Sai Srinivas
4	21L61A0404	Anga Abhishek	A. Abhishek
5	21L61A0405	Banisetti Pydiraju	Pydi Raju
6	21L61A0406	Betha Sai Sasi Kala	Sinadh Reddy
7	21L61A0407	Vengala Srinadh Reddy	Srinadh Reddy
8	21L61A0408	Bhukya Durga Bhavani	Durga Bhavani
9	21L61A0409	Burada Sanjay Kumar	B. Sanjay Kumar
10	21L61A0410	Chintada Nithish	C. Nithish
11	21L61A0411	Chitakala Ganesh	Ganesh
12	21L61A0412	Chodavarapu Durga Prasad	C. Durga Prasad
13	21L61A0413	Dukka Sai Teja	D. Sai Teja
14	21L61A0414	Duragasi Sravani	D. Sravani
15	21L61A0415	Gogula Hari Prasad	G. Hari Prasad
16	21L61A0416	Guturthi Kusuma	G. Kusuma
17	21L61A0417	Ijju Sowjanya	Sowjanya
18	21L61A0418	Kalluri Srihar Raghuvamsi	Raghuvamsi
19	21L61A0419	Boorada Naga Upendra Bhuvan	B. Bhuvan
20	21L61A0420	Jallepalli Sai Nikhil	Nikhil
21	21L61A0421	Joga Sujitha	T. Sujitha
22	21L61A0422	Akki Charan Kumar Reddy	A. Charan Kumar Reddy
23	21L61A0423	Dimple Kaushik Kanchuboina	Dimple Kaushika
24	21L61A0424	Kandregula Yaswanth	Yaswanth
25	21L61A0425	Kanuru Sarath	K. Sarath
26	21L61A0426	Kari Rambabu	K. Rambabu
27	21L61A0427	Kethavarapu Aswini	K. Aswini
28	21L61A0428	Killo Koteswara Rao	K. Koteswara Rao
29	21L61A0429	Kokkeragadda Chaitanya Varma	Chaitanya Varma
30	21L61A0430	Korra Steeven	Steeven
31	21L61A0431	Kosireddi Naveen	Naveen
32	21L61A0432	Kurapati Karthik	K. Karthik
33	21L61A0433	Kuriti Pavani	K. Pavani
34	21L61A0434	Madathala Srija	Srija
35	21L61A0435	Maddala Prema Lalitha	M. Prema Lalitha
36	21L61A0436	Magupalli Yerrayya	Yerrayya
37	21L61A0437	Manda Pavitra	M. Pavitra
38	21L61A0438	Mantrabuddi Chandra Sekhar	M. Chandra Sekhar
39	21L61A0439	Maradana Sailaja	M. Sailaja

IQAC

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

40	21L61A0440	Marlapudi Sunitha	Junitha
41	21L61A0441	Mothe Nikhil Kumar	M. Nikhil Kumar
42	21L61A0442	Nagulapalli Koteswararao	Koteswararao
43	21L61A0443	Naidu Praveen Kumar	Naidu Praveen Kumar
44	21L61A0444	Jerripothula Sudheer	J. Sudheer
45	21L61A0445	Nookala Vinodh	Vinodh
46	21L61A0446	Nelli Chanakya	N. Chanakya
47	21L61A0447	Palavalasa Rajesh	P. Rajesh
48	21L61A0448	Pangi Chinnarao	P. Chinnarao
49	21L61A0449	Patruni Sairam	P. Sairam
50	21L61A0450	Peddinti Bhanupriya	P. Bhanupriya
51	21L61A0451	Pentakota Vinay	Vinay
52	21L61A0452	Pola Rohini	P. Rohini
53	21L61A0453	Prathipati Unika	P. Unika
54	21L61A0454	Preethi Panda	Preethi
55	21L61A0455	Pujari Srinu	P. Srinu
56	21L61A0456	Rebbavarapu Vinaykumar	R. Vinay Kumar
57	21L61A0457	Reddi Vamsi Krishna	Naveeti Vamsi Krishna
58	21L61A0458	Rongali Priyanka	Priyanka
59	21L61A0459	Sagi Sai Rama Raju	Sai Rama Raju
60	21L61A0460	Siripurapu Tejeswara Rao	S. Tejeswara Rao
61	21L61A0461	Sirisetty Ajay	A. Ajay
62	21L61A0462	Sri Mayank	Sri Mayank
63	21L61A0463	Potnuru Akshay	Akshay
64	21L61A0464	Surla Kodandarama Srinivasa Naidu	S. Srinivas Naidu
65	21L61A0465	Uppala Phanindra	V. Phanindra
66	21L61A0466	Vanthala Danapathi	Danapathi
67	21L61A0467	Vanthala Salman Raju	S. Salman Raju
68	21L61A0468	Vepada Sirish Kumar	Sirish Kumar
69	21L61A0469	Yerukumajji Abhinaya	Abhinaya
70	21L61A0470	Bendalam Viswaja	B. Viswaja
71	21L61A0471	Kola Chandrakala	K. Chandrakala
72	21L61A0472	Viswanadharaju Tirumalaraju	Tirumalaraju
73	21L61A0473	Buddha Vasantha Lakshmi Parvathi	Lakshmi Parvathi
74	21L61A0474	Puppala Ramakrishna	P. Ramakrishna
75	21L61A0475	Surla Lakshmi Durga Prakash	S. L. Durga Prakash
76	21L61A0476	Pattigulla Sridevi Ramya	S. Ramya
77	21L61A0477	Somaraju Vinod Kumar	S. Vinod Kumar
78	21L61A0478	Muddada Madhavi	M. Madhavi
79	21L61A0479	Golivi Yashaswini	G. Yashaswini
80	21L61A0480	Damodara Vamsi	D. Vamsi
81	21L61A0481	Valurouthu Naveen	Naveen

IQAC

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

82	22L65A0401	Duvvu Pydiraju	Pydi Raju
83	22L65A0402	Galla Sai Kumar	G. Sai Kumar
84	22L65A0403	Gottipalli Karthik	Karthik
85	22L65A0404	Kapu Kanaka Durga Malleswari Daliya	K. Daliya
86	22L65A0405	Karanam Mounika	K. Mounika
87	22L65A0406	Kasimkota Rohini	Rohini
88	22L65A0407	Korada Sharmila	K. Sharmila
89	22L65A0408	Panchadarla Yamini	Yamini
90	22L65A0409	Pennam Sai Ganesh	P. Sai Ganesh
91	22L65A0410	Potnuru Sai Ganesh	P. Sai Ganesh
92	22L65A0411	Swayamvarapu Yagna Sai Venkata	S. Venkata
93	22L65A0412	Vanapalli Neelima	Neelima
94	22L65A0413	Yadla Guna Shekar	Guna Shekar
95	22L65A0414	Alleti Hemalatha	A. Hemalatha
96	22L65A0415	Barla Akansha Sasi	B. Akansha Sasi
97	22L65A0416	Soppa Bhanu Prakash	Bhanu Prakash
98	22L65A0417	Chamanthipudy Jaya Raju	Jaya Raju
99	22L65A0418	Gedela Vijayalakshmi	G. Vijayalakshmi
100	22L65A0419	Adari Rakesh	A. Rakesh
101	22L65A0420	Nadimpalli Sai Sirisha	N. Sai Sirisha
102	22L65A0421	Thagarampudi Usha Sai Lakshmi	Usha Sai Lakshmi
103	22L65A0422	Yerra Vishnu Vardhan	Y. Vishnu Vardhan
104	22L65A0423	Patnala Baby Bhargavi	Bhargavi
105	22L65A0424	Matcha Kamakshi	Kamakshi
106	22L65A0425	Shaik Jan Sandhani	Sandhani
107	22L65A0426	Kapavarapu Bharathi	K. Bharathi
108	22L65A0427	Sekali Sasi Kala	Sasi Kala
109	22L65A0428	Patnala Latha Mangeswari	P. Mangeswari
110	22L65A0429	Siddanthapu Kyathi Sree	Kyathi Sree
111	22L65A0430	Kappala Pavani	Pavani
112	22L65A0431	Sunkara Sai	S. Sai
113	22L65A0432	Vana Sai Kiran	S. Kiran
114	22L65A0433	Guruja Venkatakumari	G. Venkatakumari
115	22L65A0434	Kosuri Lalitha	K. Lalitha

10AC


Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048


PRINCIPAL



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

Report on
A Two Week Certificate Program
Python Programming

A Two-Week Certificate Program was organized from **19-09-22 to 30-09-22** at Chaitanya Engineering College by Electronics and communication Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Python Introduction, Arithmetic operators in Python, F-string formatting in Python were discussed in detail by experienced resource persons from academia. There were 65 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 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.

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/22-23

DATE: 22-11-22

Attn: All B.Tech CSE- AI&ML Students

This is to inform you that all B.Tech CSE- AI&ML Students a **2 week** certification program will be conducted on **Topic: ARTIFICIAL INTELLIGENCE** will be held **28-11-22 to 09-12-22** at our college campus in **A-302**. 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 B.Tech CSE- AI&ML Students.
Director (Finance)



HOD ECE



CSE HOD



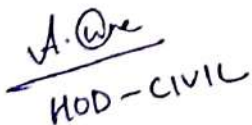
MU



MBA



HOD (CSE)



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 Artificial Intelligence

VENUE: - COMPUTER CENTRE , ABDUL KALAM BLOCK

BRANCH: CSE -AI&ML

S.No.	Date	TOPIC
1	28-11-2022	Introduction to AI/ML: Basic terminology of AI/M, intelligent agents and environment.
2	29-11-2022	Maths for AI/ML: Linear Regression, Polynomial Regression
3	30-11-2022	Decision Tree Regression, Random Forest Regression
4	01-12-2022	Problem Formulation and Solving
5	02-12-2022	Formulating Real World Problems for AI/ML
6	03-12-2023	Intuitive and Simple Algorithms, Hands on using Python
7	04-12-2023	Data Processing and Visualization Representation of Real World Data
8	05-12-2023	Supervised and Unsupervised Learning Classification and Regression Problems
9	06-12-2023	Solutions to Non-linear data using MLP Gradient Descent and Backpropagation Decision Trees and Random Forests
10	07-12-2023	Natural language processing Basic terminology
11	08-12-2023	steps involved in NLP: Data cleaning, tfidf algorithm, word embeddings, etc.
12	09-12-2022	Feedback and valedictory function


Coordinator


HOD, CSE DEPT

The Department of computer Engineering 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

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 Engineering 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 Structural 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

CHAIRPERSON

Dr.K.Suresh
Principal of Chaitanya Engineering College

CO-ORDINATOR

Mr.Y.Sathish Kumar, Assoc.Prof
HOD, CSE Department

ORGANIZING MEMBERS

M.ASWINI , Asst.Prof.,
Miss. Sai Pooja, Ast.Prof
M.PADMAJA, Asst.Prof.,
P V S N MURTHY, Asst.Prof.,



A TWO WEEKS
CERTIFICATION PROGRAM
ON
ARTIFICIAL INTELLIGENCE
28-11-2022 TO 09-12-2022



Organized by
Department of Computer Science
Engineering
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra
Pradesh, INDIA Visit us at
www.cec.ac.in

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.

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

Mr. Y. Sathish Kumar, HOD CSE
 DEPARTMENT
 CHAITANYA ENGINEERING COLLEGE,
 KOMMADI, MADHURAWADA
 VISAKHAPATNAM-530048
 Mobile: 9908885129
 Email: hodcse@cec.ac.in

ELIGIBILITY

This Program is intended for Students of 1ST CSE, AIML

REGISTRATION

It's Free



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

A TWO WEEK PROGRAM ON ARTIFICIAL INTELLIGENCE			
LIST OF PARTICIPANTS 28-11-2022 TO 09-12-2022			
S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	22L61A0501	Aguru Padmavathi	Aguru Padmavathi
2	22L61A0502	Ballanki Lavanya	Lavanya
3	22L61A0503	Banala Harathi	Banala Harathi
4	22L61A0504	Banka Priyadarshini	Priyadarshini
5	22L61A0505	Bodasingi Gayatri Devi	B. Gayatri Devi
6	22L61A0506	Boddu Lavanya	B. Lavanya
7	22L61A0507	Bollam Jayasankar	B. Jayasankar
8	22L61A0508	Budumuri Yamuna	B. Yamuna
9	22L61A0509	Budumuru Sravanthi	B. Sravanthi
10	22L61A0510	Tirumalasetty Joharika	T. Joharika
11	22L61A0511	Chilakalapalli s.v.v.Sainadh	C. Sainadh
12	22L61A0512	Chodisetty Jyotsna	Chodisetty Jyotsna
13	22L61A0513	Chodisetty Avinash	C. Avinash
14	22L61A0514	Chouduvada Omvardhan	C. Omvardhan
15	22L61A0515	Dadala Chandhini Kumari	D.C. Kumari
16	22L61A0516	Dadi Praveena	Dadi Praveena
17	22L61A0517	Dalli Tejaswini	Tejaswini
18	22L61A0518	Dommeti Tejaswini	D. Tejaswini
19	22L61A0519	Dontala Anusha	D. Anusha
20	22L61A0520	Emandi Manoj Kumar	E. Manoj Kumar
21	22L61A0521	Gangiri Bharat Chand	Bharat Chand
22	22L61A0522	Gatreddi Poorna Chandra Sekhar	G. Poorna Chandra Sekhar
23	22L61A0523	Gongada Poojitha	G. Poojitha
24	22L61A0524	Gorakala Vijayendra Varma	G. Vijayendra Varma
25	22L61A0525	Gottapu Sai	Sai
26	22L61A0526	Induri Srikanth Reddy	Reddy
27	22L61A0527	Jajimoggala Kamala Vardhan	J. Kamala Vardhan
28	22L61A0528	Kadimpalli Raju	K. Raju
29	22L61A0529	Kamatham Teja	Kamatham Teja
30	22L61A0530	Kandregula Pradeep	K. Pradeep
31	22L61A0531	Kanithi Bhargavi Nagadurga	K. Bhargavi Nagadurga
32	22L61A0532	Karitla Anusha	Anusha
33	22L61A0533	Karri Balaji	K. Balaji
34	22L61A0534	Kenguva Vykuntam	K. Vykuntam
35	22L61A0535	Kodali Hari Chandana	Hari Chandana

IQAC

Principal

Principal



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

36	22L61A0536	Kolli Jyoshnavi	Jyashini
37	22L61A0537	Koruprolu Yugandhar	Yugandhar
38	22L61A0538	Lingala Sagarika	Sagarika
39	22L61A0539	Maddila Yashwanth	Yashwanth
40	22L61A0540	Mahanthi Pavan Teja	Pavan teja
41	22L61A0541	Manipalli Bhanu Prakash	Manipalli Bhanu Prakash
42	22L61A0542	Manohar Reddy	Manohar Reddy
43	22L61A0543	Munuparthi Raaghavendra	Ms. Raaghavendra
44	22L61A0544	Nagam Joshini Durga	Joshi Durga
45	22L61A0545	Nakka Hindu Kanaka Lakshmi	N. Hindu Kanaka Lakshmi
46	22L61A0546	Naram Simhadri	N. Simhadri
47	22L61A0547	Narimilli Gnana Sai Mani Kumar Naidu	Sai Mani Kumar Naidu
48	22L61A0548	Nethala Finny Joseph	N. Finny Joseph
49	22L61A0549	Paila Nishanth	paila nishanth
50	22L61A0550	Paliseti Hima Sekhar	P. Hima Sekhar
51	22L61A0551	Pathala Kalyan	P. Kalyan
52	22L61A0552	Pathivada Vineetha Mohan Naidu	Mohan Naidu
53	22L61A0553	Patta Saicharan	P. Saicharan
54	22L61A0554	Petla Indu	P. Indu
55	21L61A0513	Chintagunti Hari Priya	Priya
56	22L61A0555	Pillagulla Vasantha Kumari	P. Vasantha Kumari
57	22L61A0556	Pithana Sai Trinadh	Pithana Sai trinadh
58	22L61A0557	Polipalli Jahnvi	Jahnvi
59	22L61A0558	Potnuru Yashwanth Kumar	Potnuru yashwanth kumar
60	22L61A0559	Pragada Pallavi	Pallavi
61	22L61A0560	Pusarla Renuka	P. Renuka
62	22L61A0561	Puvvala Adarsh	Adarsh
63	22L61A0562	Ragathi Yashodha	Ragathi yashodha
64	22L61A0563	Reddy Renuka	R. Renuka
65	22L61A0564	Sakalabakhthula Haripriya	Sakalabakhthula Haripriya
66	22L61A0565	Sakalabakhthula Varsha	Varsha
67	22L61A0566	Sanapala Akhila	Akhila
68	22L61A0567	Sathivada Sandhya	Sandhya
69	22L61A0568	Savara Sukanya	S. sukanya
70	22L61A0569	Seetha Pavan Kalyan	Pavan Kalyan
71	22L61A0570	Sirra Abhinash	S. Abhinash
72	22L61A0571	Sivalanka Rupavathi	Rupavathi
73	22L61A0572	Surada Vanisri	Surada Vanisri

IQAC

Principal

Principal



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

74	22L61A0573	Tarini Uday	Uday
75	22L61A0574	Talari Harish	Harisha
76	22L61A0575	Thummapala Harsha Vardhan	Vardhan
77	22L61A0576	Triparna Gowri Santoshi	T. Gowri Santoshi
78	22L61A0577	Valli Deepthi	V. Deepthi
79	22L61A0578	Velugu Mani Sankar Raja	Sankar Raja
80	22L61A0579	Vempadapu Harini	Harini
81	22L61A0580	Vempati Rajkumar	Rajkumar
82	22L61A0581	Yadagiri Adilakshmi	Adilakshmi
83	22L61A0582	Yerra Anvitha	Anvitha
84	22L61A0583	Yerra Kumar	Y. Kumar
85	22L61A0584	Ambati Shankar	Shankar
86	22L61A0585	B.Dilesh	Dilesh
87	22L61A0586	Chappidi Jnana Sowmya	Sowmya
88	22L61A0587	Goneda Keerthi	Goneda Keerthi
89	22L61A0588	Komanapalli Nikhitha	K. Nikhitha
90	22L61A0589	Kota Venkata Ramana	Ramana
91	22L61A0590	Mattaparthi Adi Venkata Sai Durga a	M. Adi Venkata Sai Durga a
92	22L61A0591	Nakka Venu Varshini	N. Varshini
93	22L61A0592	Pusarla Divya	Divya
94	22L61A0593	Sabbiseti Lakshmi Sri Harshitha	Sabbiseti Harshitha
95	22L61A0594	Savirigana Charan	Charan
96	22L61A0595	Thummalapalli John Babu	Babu
97	22L61A0596	Vanacharla Hemanth Venkata Sai	Venkata Sai
98	22L61A0597	Yuvaraj Singh	Y. Singh
99	22L61A0598	Dora Vasanth	Dora Vasanth
100	22L61A0599	Pentakota Lakshmi Sowjanya	P. Sowjanya
101	22L61A05A0	Pinapolu Mohan	P. Mohan
102	22L61A05A1	Seetha Manikantha	Manikantha
103	22L61A05A2	Singampalli Poojitha	Poojitha
104	22L61A05A3	Sirasapalli Dimple Aslesha	Aslesha
105	22L61A05A4	Vegi Tarun	Tarun
106	22L61A05A5	Kondaveti Bhavana	Bhavana
107	22L61A5401	Agraharapu Deviprasad	Devi prasad
108	22L61A5402	Beesetty Yugandhar	Yugandhar
109	22L61A5403	Boddeti Kamala Vashini Dhana Laxmi	Laxmi
110	22L61A5404	Bondalapu Sandhya	Sandhya
111	22L61A5405	Burada Navya	Navya

IQAC

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

112	22L61A5406	Chebolu Sai Kumar	Sai Kumar
113	22L61A5407	Chelluri Nikhileswarnadh	Nikhileswarnadh.
114	22L61A5408	Doddi Siva Sai	D. Siva Sai
115	22L61A5409	Dogga Sai Jaswanth	D. Sai Jaswanth
116	22L61A5410	Duvvu Nani	Nani
117	22L61A5411	Eegala Harika	E. Harika
118	22L61A5412	Ganta Chandrasekhar	Chandrasekhar.
119	22L61A5413	Jada Venkata Ramana	Venkata Ramana
120	22L61A5414	Jatla Manohar Sai Jagannadh	sai jagannadh
121	22L61A5415	Jeeru Nikhilesh Reddy	jeeru Nikhilesh Reddy
122	22L61A5416	Karri Vamsi Krishna	k. vamsi krishna
123	22L61A5417	Kondrothu Asha	K. Asha.
124	22L61A5418	Korra Sachin	K. Sachin.
125	22L61A5419	Mangiseti Sowmya	Sowmya.
126	22L61A5420	Miryabelli Manoj Kumar	Manoj Kumar
127	22L61A5421	Mogasala s g d v Ramani	Ramani
128	22L61A5422	Muvvala Devi Kavya	Devi kavya.
129	22L61A5423	Naralasetti Poojitha	poojitha
130	22L61A5424	Navudu Raju Chaithanya	Raju chaithanya
131	22L61A5425	Padagala Jhansi	Jhansi
132	22L61A5426	Palla Kishan Sai	kishan sai
133	22L61A5427	Penugonda Rishitha	Rishitha
134	22L61A5428	Pulaparthi Sai Divya Sri	Divya Sri
135	22L61A5429	Puvvala Sruthi	P. Sruthi
136	22L61A5430	Ranabheri Manjeera	Manjeera
137	22L61A5431	Rangudu Sai Revanth	R. sai revanth
138	22L61A5432	Ravva Venkatesh	Venkatesh.
139	22L61A5433	Sanapathi Teja	S. Teja
140	22L61A5434	Saripilli Devi Vara Prasad	Vara Prasad
141	22L61A5435	Surada Dinesh Kumar	S. Dinesh Kumar
142	22L61A5436	Tedlapu Hema Satya Lakshmi	T. Hema.
143	22L61A5437	Thimanani Mahitha Bhargavi	Bhargavi
144	22L61A5438	Thurangi Manikanta	T. Manikanta
145	22L61A5439	Tolada Venkat Sai Vivek	Venkat Sai Vivek
146	22L61A5440	Uddanam Durga Ganesh	U. Durga Ganesh
147	22L61A5441	Yelamanchili Greeshma	Greeshma
148	22L61A5442	Kuncham Tejasri	Tejasri
149	22L61A5443	Nammi Swathi	Nammi Swathi

IQAC

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

150	22L61A5444	Yedagiri Karthik	Y. Karthik
151	22L61A6101	Anusuri Brainard	Brainard
152	22L61A6102	Appireddy Lakshman	Lakshman
153	22L61A6103	Barla Kavya	B. Kavya
154	22L61A6104	Chappa Mohan Sai	Mohansai
155	22L61A6105	Chinthamreddy Ramakrishna Reddy	Ramakrishna
156	22L61A6106	Dosapatni Kiran	Kiran
157	22L61A6107	Dwarapudi Venkata Rao	Venkata Rao
158	22L61A6108	Gedda Manikanta	G. Manikanta
159	22L61A6109	Lalam Rohini	Lalam Rohini
160	22L61A6110	Mohit Kandipilli	Kandipilli
161	22L61A6111	Pathivada Tarun	Pathivada Tarun
162	22L61A6112	Pati Sai Kiran	P. Sai Kiran
163	22L61A6113	Pedagadi Bhaskara Rao	Bhaskara Rao


Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048


IOAC


PRINCIPAL



Report on
A Two Week Certificate Program
Artificial Intelligence

A Two-Week Certificate Program was organized from **28-11-22 to 09-12-22** at Chaitanya Engineering College by Computer science Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Introduction to AI/ML Decision Tree Regression, Random Forest Regression Data cleaning, tfidf algorithm were discussed in detail by experienced resource persons from academia. There were 15 participants from this college.

Resource Persons:

- 1) M.Aswini , Asst.Prof.,
- 2) Miss. Sai Pooja, Ast.Prof
- 3) M.Padmaja, Asst.Prof.,
- 4) P V S N Murthy, Asst.Prof.,

Topics Covered were:

- Introduction to AI/ML
- Decision Tree Regression
- Random Forest Regression
- Data Processing and Visualization Representation of Real World Data
- Supervised and Unsupervised
- Data cleaning, tfidf algorithm

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/22-23

DATE: 03-02-23

Attn: All B.Tech CSE Students

This is to inform you that all B.Tech CSE students a **2 week** certification program will be conducted on **Topic: BASIC CONCEPTS OF DEEP LEARNING** will be held **6-02-23 to 17-02-23** at our college campus in 'Abdul Kalam' 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 among B.Tech CSE students.
Director (Finance)



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

A Two-Week Program on Basic Concepts of Deep Learning

VENUE: COMPUTER CENTRE , ABDUL KALAM BLOCK

BRANCH: CSE

S.No.	Date	TOPIC
1	06-02-2023	Recapitulation of Machine Learning and evolution of Deep Learning
2	04-02-2023	Recommender systems and information retrieval.
3	05-02-2023	Review of the components of Convolution Neural Networks.
4	06-02-2023	Introduction to Python; Using jupyter
5	07-02-2023	Data structures in Python
6	09-02-2023	Pandas; Data wrangling
7	10-02-2023	Numpy arrays to work with deep learning
8	11-02-2023	problems
9	12-02-2023	Practical implementation of Deep Learning techniques in real world scenario
10	13-02-2023	Applications of Deep Learning techniques to solve problems from a range of discipline
11	14-02-2023	Data wrangling; Numpy arrays to work with deep learning problem
12	17-02-2023	Feed back and valedictory function


Coordinator


HOD CSE

The Department of computer Engineering 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

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 Computer science Engineering 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 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,
C.O 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

Mr. Y.Pawan Sathish
HOD, CSE Department

ORGANIZING MEMBERS

Mr.P.V.S.N Murthy, Asst.Prof
Mrs.Aswaini, asst.Prof
Miss.Sai Poja, asst.Prof,
Mrs.padmaja, Asst.Prof



A TWO WEEKS
CERTIFICATION PROGRAM
ON BASICS CONCEPTS OF
DEEP LEARNING
06-02-2023 TO 17-02-2023



Organized by
Department of CSE
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra
Pradesh, INDIA Visit us at
www.cec.ac.in

ABOUT THE PROGRAM

Deep learning has aided image classification, language translation, speech recognition. It can be used to solve any pattern recognition problem and without human intervention. Artificial neural networks, comprising many layers, drive deep learning. Deep Learning is a subfield of Machine Learning that involves the use of neural networks to model and solve complex problems. Neural networks are modeled after the structure and function of the human brain and consist of layers of interconnected nodes that process and transform data. There are three layers; an input layer, hidden layers, and an output layer. Inputs are inserted into the input layer, and each node provides an output value via an activation function. The outputs of the input layer are used as inputs to the next hidden layer. While neural networks are successfully used in many applications, the interest in researching this topic decreased later on. After that, in 2006, "Deep Learning" (DL) was introduced by Hinton et al. [41], which was based on the concept of artificial neural network (ANN).

OBJECTIVES

The main objective of deep learning is to achieving results that were not possible before. In deep learning, a computer model learns to perform classification tasks directly from images, text, or sound. Deep learning models can achieve state-of-the-art accuracy, sometimes exceeding human-level performance.

TOPICS TO BE

- Difference between ANN and BNN.
- Single Layer Perceptron in TensorFlow.
- Multi-Layer Perceptron Learning in Tensorflow.
- Deep Neural net with forward and back propagation from scratch – Python.
- Understanding Multi-Layer Feed Forward Networks.
- ML – List of Deep Learning Layers.

ADDRESS FOR CORRESPONDENCE

Mr. Pawan Sathish , CSE Department
CHAITANYA ENGINEERING COLLEGE,
KOMMADI, MADHURAWADA
VISAKHAPATNAM-530048
Mobile:9293733176
Email:hodcse@cec.ac.in

ELIGIBILITY

This Program is intended for Students
Of 4th CSE

REGISTRATION

It's Free



CHAITANYA ENGINEERING COLLEGE

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

5

A TWO WEEK PROGRAM ON BASIC CONCEPTS OF DEEP LEARNING

LIST OF PARTICIPANTS 06-02-2023 TO 17-02-2023

S.NO.	PIN NUMBER	NAME OF THE STUDENT	SIGNATURE
1	19L61A0501	Nuthan Prasanth Neparthi	Nuthan Prasanth Neparthi
2	19L61A0502	Duggirala Yashwanth	Duggirala yashwanth
3	19L61A0503	Nakka Revathi	Nakka Revathi
4	19L61A0504	Dantuluri Sowmya	Dantuluri Sowmya
5	19L61A0505	Korada Hemanth	KORADA HEMANTH
6	19L61A0506	Sanaboina Tejaswi	S. Tejaswi
7	19L61A0507	Arati Kumari Singh	A. Kumari Singh
8	19L61A0508	Pediredla Madhusudhana Rao	P. madhusudhana rao
9	19L61A0509	Sabbarapu Sarath Kumar	S. Sarath Kumar
10	19L61A0510	Chandrana Prasanna Lakshmi	C. prasanna lakshmi
11	19L61A0511	Kodumuru Lakshmi Sravani	K. lakshmi Sravani
12	19L61A0512	Vana Venkata Chandu	V. venkata chandu
13	19L61A0513	Vennu Ashok Kumar	VENNU ASHOK KUMAR
14	19L61A0514	Korukonda Srirama Sai	K. Srirama Sai
15	19L61A0515	Chavvakula Manikanta	C. Manikanta
16	19L61A0516	Kolisetty Sai Ram Lokesh	K. SAI RAM LOKESH
17	19L61A0517	Meka Bheemaroo	meka bheemaroo
18	19L61A0518	Chelle Veda Prakash Raju	C. veda Prakash Raju
19	19L61A0519	Erle Chandra Mouli	E. chandra Mouli
20	19L61A0520	Vegi Keerthi Sree	V. Keerthi Sree
21	19L61A0521	Sekharamahanti Satya Srinivas	S. Satya Srinivas
22	19L61A0522	Balla Satya	BALLA SATYA
23	19L61A0523	Gujju Mohit	gujju mohit
24	19L61A0524	Banthi Naga Datha Narsimha	banthi naga datha narsimha
25	19L61A0525	Kaligatla Rajeswari	Kaligatla Rajeswari
26	19L61A0526	Sandeep Kumar Giri	Sandeep Kumar Giri
27	19L61A0527	Konada Revathi Kumari	Konada Revathi Kumari
28	19L61A0528	Pranathi Mandava	PRANATHI MANDAVA
29	19L61A0529	Bora Himja Ramani	Bora himja ramani
30	19L61A0530	Kiran Kumar Dora	Kiran Kumar Dora
31	19L61A0531	Bobbili Aruna	Bobbi Aruna
32	19L61A0532	Kollabathula Prasanth	K. Prasanth

IOAC

Principal

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

33	19L61A0533	Lingamdinne Staines Bakth	L. Staines bakth
34	19L61A0534	Ummidi Lavanya	U Lavanya
35	19L61A0535	Praveen Sahu	P. sahu
36	19L61A0536	Nallabelli J S N V Bhavani	N. JSN V Bhavani
37	19L61A0537	Gorinta Prasanthi	Gi. Prasanthi
38	19L61A0538	Bugatha Ganesh	B. Ganesh
39	19L61A0539	Upmaka Sai Jagadeesh	U. SAI JAGADEESH
40	19L61A0540	D Tirumala Udaya Kumar	D. Tirumala Udaya Kumar
41	19L61A0541	Gantipilli Mohan	Gi. mohan

Principal

Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

IOAC

PRINCIPAL



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

Report on
A Two Week Certificate Program
Basic concepts of Deep learning

A Two-Week Certificate Program was organized from **06-02-23 to 17-02-23** at Chaitanya Engineering College by Computer science Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Recapitulation of Machine Learning and evolution of Deep Learning Numpy arrays to work with deep learning Data wrangling were discussed in detail by experienced resource persons from academia. There were 40 participants from this college.

Resource Persons:

- 1) Mr.P.V.S.NMurthy, Asst.Prof
- 2) Mrs.Aswaini,asst.Prof
- 3) Miss.Sai Poja,asst.Prof,
- 4) Mrs.padmaja,Asst.Prof

Topics Covered were:

- Recapitulation of Machine Learning and evolution of Deep Learning
- The components of Convolution Neural Networks.
- Data structures in Python
- Numpy arrays to work with deep learning
- Applications of Deep Learning techniques
- Data wrangling

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


MOD



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

REF: CEC/PRI/22-23

DATE: 15-02-23

Attn: All B.Tech CSE Students

This is to inform you that all B.Tech CSE students a **2 week** certification program will be conducted on **Topic: INTRODUCTION TO MACHINE LEARNING** will be held **20-02-23 to 04-03-23** at our college campus in **A-202**. Those who are attending the certificate programme, Attendance will be strictly monitored.



PRINCIPAL
Principal

Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 042

Copy to :

All HODs - to be circulated among B.Tech CSE students.

Director (Finance)

*Jh BEE
to finance*

NR

V. HOD (mech)

Dep mba

CSE HOD

A. Q. MOD - CIVIL



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

A Two-week program on Induction to Machine Learning

VENUE: COMPUTER CENTRE, ABDUL KALAM BLOCK

BRANCH:CSE

S.No.	Date	TOPIC
1	20-02-2023	Introduction to AI/ML: Basic terminology of AI/M, intelligent agents and environment.
2	21-02-2023	Maths for AI/ML: Linear Regression, Polynomial Regression
3	22-02-2023	Decision Tree Regression, Random Forest Regression
4	23-02-2023	Problem Formulation and Solving
5	24-02-2023	Formulating Real World Problems for AI/ML
6	25-02-2023	Introduction to AI paradigms and performance metrics
7	27-02-2023	Machine learning application of AI
8	28-02-2023	Overview of Speech Signal Processing Application
9	01-03-2023	Solutions to Non-linear data using MLP Gradient Descent and Backpropagation Decision Trees and Random Forests
10	02-03-2023	Natural language processing Basic terminology
11	03-03-2023	steps involved in NLP: Data cleaning, tfidf algorithm, word embeddings, etc.
12	04-03-2023	Feedback and valedictory function


Coordinator


HOD CSE

The Department of computer Engineering 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

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 Computer science Engineering 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 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

CHAIRPERSON

Dr.R.Uma Maheswar Rao
Principal Chaitanya Engineering College

CO-ORDINATOR

Mr. Y.Pawan Sathish
HOD, CSE Department

ORGANIZING MEMBERS

Mr.P.V.S.N Murthy, Asst.Prof
Mrs.Aswaini,asst.Prof
Miss.Sai Poja,asst.Prof,
Mrs.padmaja,Asst.Prof



A TWO WEEKS
CERTIFICATION PROGRAM
ON
INTRODUCTION OF
MACHINE LEARNING
20-02-2023 TO 04-03-2023



Organized by
Department of CSE
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada,
Visakhapatnam-530048 Andhra
Pradesh, INDIA Visit us at
www.cec.ac.in

ABOUT THE PROGRAM

Machine Learning is an application of artificial intelligence where a computer/machine learns from the past experiences (input data) and makes future predictions. The performance of such a system should be at least human level. In order to perform the task T, the system learns from the data-set provided. A machine learning algorithm is a mathematical method to find patterns in a set of data. Machine Learning algorithms are often drawn from statistics, calculus, and linear algebra. Some popular examples of machine learning algorithms include linear regression, decision trees, random forest, and XGBoost. In this post you will discover the basic concepts of machine learning summarized from Week One of Domingos' Machine Learning course. Domingos has a free course on machine learning online at coursera titled appropriately.

OBJECTIVES

Object detection algorithms typically leverage machine learning or deep learning to produce meaningful results. When humans look at images or video, we can recognize and locate objects of interest within a matter of moments. The goal of object detection is to replicate this intelligence using a computer.

TOPICS TO BE

- Machine Learning (ML) ...
- Supervised Learning. ...
- Unsupervised Learning. ...
- Neural Network or Artificial Neural Network (ANN) ...
- Back-propagation. ...
- Deep Neural Network (DNN) or Deep Learning. Linear regression. ...
- Logistic regression.

ADDRESS FOR CORRESPONDENCE

Mr. Pawan Sathish , CSE Department
CHAITANYA ENGINEERING COLLEGE,
KOMMADI, MADHURAWADA
VISAKHAPATNAM-530048
Mobile:9293733176
Email:hodcse@cec.ac.in

ELIGIBILITY

This Program is intended for Students Of 3rd CSE

REGISTRATION

It's Free



A TWO WEEK PROGRAM ON INDUCTION TO MACHINE LEARNING

LIST OF PARTICIPANTS 20-02-2023 TO 04-03-2023

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	Meghana 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. Sadgunamani
9	20L61A0509	Battini Priyanka	Priyanka
10	20L61A0510	Bodha Sravani	Sravani
11	20L61A0511	Bondada Sai Shyamala Thaneesha	Shyamala
12	20L61A0512	Bonthu Himabindu	B. Himabindu
13	20L61A0513	Botta Janaki	Janaki
14	20L61A0514	Chandaluri Meghana	C. Meghana
15	20L61A0515	Chatla Ramachandra Reddy	C. Ramachandra Reddy
16	20L61A0516	Chikkala Sravan Kumar	Ch. Sravan Kumar
17	20L61A0517	Chodipilli Aditya Sai Vardhan	Aditya Sai Vardhan
18	20L61A0518	Choppa Hema Latha	Hema Latha
19	20L61A0519	Darupalli Raja Reddy	Raja Reddy
20	20L61A0520	Doddi Lalitha	D. Lalitha
21	20L61A0521	Dokula Navya Sree	Navya Sree
22	20L61A0522	Doni Mohan Murali	D. Mohan Murali
23	20L61A0523	Donkena Dola Prakash	D. Dola Prakash
24	20L61A0524	Gedala Srihari	Srihari
25	20L61A0525	Gondu Sai Poojitha	G. Sai Poojitha
26	20L61A0526	Gongada Bhavana	Bhavana
27	20L61A0527	Gottapu Sahithi	G. Sahithi
28	20L61A0528	Gujji Omprakash	G. Omprakash
29	20L61A0529	Harshitha Thumpala	Harshitha
30	20L61A0530	Jakkamsetti Bhavana	J. Bhavana
31	20L61A0531	Javvathi Sri Sampath Venkat Mani	J. Sri Sampath Venkat Mani
32	20L61A0532	Kanchuboina Sivani Beshlitha	K. Sivani Beshlitha
33	20L61A0533	Kandukuri Venkata Sai Vara	Venkata Sai Vara
34	20L61A0534	Karaka Prasanthi	K. Prasanthi
35	20L61A0535	Karanam Udaysri	K. Uday Sri

1
10/02

Principal

PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

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

36	20L61A0536	Karnati Lakshmi Thanmai	K. Lakshmi Thanmai
37	20L61A0537	Karrothu Anusha	K. Anusha
38	20L61A0538	Katta Venkata Chaya Supraja	Supraja
39	20L61A0539	Killo Mahesh Kumar	K. Mahesh Kumar
40	20L61A0540	Kokkiripati Kalyan	Kalyan
41	20L61A0541	Kolli Sireesha	Sireesha
42	20L61A0542	Korubilli Kalyani	K. Kalyani
43	20L61A0543	Kovvuri Venkata Dinesh Reddy	Dinesh Reddy
44	20L61A0544	Kukkala Harish	K. Harish
45	20L61A0545	Kundrapu Mahesh	Mahesh
46	20L61A0546	Labala Dinesh Karthik	L. D. Karthik
47	20L61A0547	Lakkaraju Lavanya	L. Lavanya
48	20L61A0548	Madabathula Nirmal Kumar	Nirmal Kumar
49	20L61A0549	Majeti Swarna Harsha	Harsha
50	20L61A0550	Mantrabuddi Renuka	M. Renuka
51	20L61A0551	Manuri Bhanu Prakash	Bhanu Prakash
52	20L61A0552	Mortha Sudheer	Sudheer
53	20L61A0553	Neelapu Prasad	N. Prasad
54	20L61A0554	Pachipenta Durga Sai Abhinav	Abhinav
55	20L61A0555	Pakkurthi Venkata Jahnvi	P.V. Jahnvi
56	20L61A0556	Paluri Pavan Kalyan	P. Pavan Kalyan
57	20L61A0557	Pappula Vishalakshi	Vishalakshi
58	20L61A0558	Peethala Manikanta	Manikanta
59	20L61A0559	Pinninti Sankara Rao	Sankara Rao
60	20L61A0560	Sankalp Pothabathula	Sankalp
61	20L61A0561	Pudi Akhil	Pudi Akhil
62	20L61A0562	Sattaru Gnanapraveen	Gnanapraveen
63	20L61A0563	Silla Venkata Mutyala Rao	V.M. Rao
64	20L61A0564	Sombarki Sudheer	S. Sudheer
65	20L61A0565	Sornapudi Surya Ruthwick	Surya Ruthwick
66	20L61A0566	Surada Prudhvi Erni Dileep	P. Erni Dileep
67	20L61A0567	Swapnil Mishra	Mishra
68	20L61A0568	Tadigadapa Vinay	T. Vinay
69	20L61A0569	Tandra Raajith	T. Raajith
70	20L61A0570	Tella Lakshmi Sowmya	Sowmya
71	20L61A0571	Thattikota Iswarya Lakshmi	T. Iswarya Lakshmi
72	20L61A0572	Vaka Urmila	V. Urmila
73	20L61A0573	Yerubandi Veera Venkata Praveen	Praveen
74	20L61A0574	Labala Yeswanth	L. Yeswanth
75	20L61A0575	Avireddy Harsha Vardhan	Harsha Vardhan

ICAC


Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

PRINCIPAL



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

Report on
A Two Week Certificate Program
Induction to Machine Learning

A Two-Week Certificate Program was organized from **20-2-23 to 04-03-23** at Chaitanya Engineering College by Computer science Engineering Department. This was a Two-Week certificate Program, where the latest topics related to Introduction to AI/ML Decision Tree Regression, Random Forest Regression Data cleaning, tfidf algorithm were discussed in detail by experienced resource persons from academia. There were 35 participants from this college.

Resource Persons:

- 1) Mr.P.V.S.NMurthy, Asst.Prof
- 2) Mrs.Aswaini,asst.Prof
- 3) Miss.Sai Poja,asst.Prof,
- 4) Mrs.padmaja,Asst.Prof

Topics Covered were:

- Introduction to AI/ML
- Decision Tree Regression
- Random Forest Regression
- Solutions to Non-linear data using MLP Gradient Descent
- Overview of Speech Signal Processing Application
- Data cleaning, tfidf algorithm

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