



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 certification program on Auto CAD Civil 3D	13/02/2023 to 25/02/2023	62
2	Amazon Web Services-Cloud Computing	19.09.2022 to 24.09.2022	47
3	A Two Week Certification Program on Computational Fluid Dynamics	06-02-2023 to 20-02-2023	114
4	A two-week Certification Program on Python Fundamentals for AI & ML	20-02-2023 to 04-03-2023	190
5	A two-week Certification Program on VLSI Design using Electronic Design Automation (EDA) Tools	05.09.22 to 17.09.22	154
6	A two-week Certification program on IoT and Its Applications	05-09-22 to 17-09-22	184
7	A two-week Certification program on Mongo DB	23/08/22 to 05/09/22	205
8	A two-week Certification program on Node JS	10/10/22 to 22/10/22	134
9	A two-week Certification program on UNIX and Linux Commands	03/03/23 to 15/03/23	208
10	A two-week certification program on AI and Chat GPT Applications	08-08-2022 to 20-08-2022	70
11	A two-week certification program on Neural networks in machine learning	06-02-2023 to 17-02-2023	71


IQAC





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DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

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ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE&CSE.

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Date:06-02-2023

CIRCULAR

This is hereby to inform all the II&III B.Tech students of CE, that department of Civil Engineering is organizing "A Two-Week Certification Program on AUTO CAD CIVIL 3D" from 13-02-2023 to 25-02-2023. Hence all the students are requested to enroll their names on or before 10-02-2023.

Venue: GISand CAD LAB

All hands-on sessions will be conducted at CAD Lab,CE Dept.

Co-ordinator : Mr. M. Sai Ganesh

M.S.G.
06/02/2023
Co-ordinator

G.S.
06/02/23
HoD, CE

HoD
Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijavawada - 521 139

Organizing Committee

Convener: Dr. P.Siva Prasad
HoD, CE Department
Department of Civil Engineering
Dhanekula institute of Engineering and
Technology, Vijayawada
Email: diet.cehod@gmail.com
phone: 9494399460

Advisory committee Members:

1. Dr. M. Vamshi Krishna
HOD, ECE Department
2. Dr. I. Sai Ram
HOD, EEE Department
3. Dr. O. Srikanth
HOD, ME Department
4. Dr. K. Sowmya
HOD, CSE Department
5. Dr. M. Nagarjuna
HOD, BS&H Department

For further communication:

Coordinator:

Mr. M.Sai Ganesh
Assistant professor
Department of CE
Email ID: saiganeshmekal@gmail.com
Contact No: 8125527560

CHIEF PATRONS

- Sri.D. Ravindranath Tagore, Agriculturist
& Industrialist Chairman, DVSCCT
- Sri.D.Bhavani Prasad,
Secretary, DVSCCT
- Sri. D.K.R.K. Ravi prasad,
Sr Dy. General Manager Bharat
Electronics Limited, Machilipatnam
- Dr. Ravi Kadiyala,
Principal, DIET, Vijayawada

Resource Person :

Mr. K. Babu Rao
Assistant professor
Department of CE
Email ID: baburao.kanapala@gmail.com
Contact No: 9121682137

A Two Week Certification Program
on

" AUTO CAD CIVIL 3D "

**13th February 2023 to 25th february
2023**



**Organized by Department of
Civil Engineering**

**Dhanekula Institute of Engineering
and Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the College:

Dhanekula Institute of Engineering and Technology is established in 2009 by Sri Ravindranath Tagore, Chairman, Agriculturalist and industrial organizations of Dhanekula group. The college was located at Ganguru Vijayawada, Krishna District of Andhra Pradesh.

The college offers B.Tech. programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT., and PG courses M.Tech in Computer Science and Environmental Engineering. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC.

About the Department:

The Department of Civil Engineering was established in the year 2010, with a B. Tech programmed with an intake of 60 students later from the year 2013 the intake is of 120 and from the year 2022 the intake is of 30 . It trains the students experience the joy of realizing their dreams.

It is a fast growing discipline in tune with the demands for infrastructure growth. The department is having well qualified and experienced faculty members and has well equipped laboratories with an emphasis on practical skills and fundamentals.

Objective of Certification Program:

- Learn and master basic commands such as line, circle, rectangle, and other fundamental drawing tools.
- Understand how to navigate the drawing area and use zoom and pan effectively.
- Develop proficiency in creating accurate and detailed 3D drawings.
- Learn to use layers, line types, and colors to organize and differentiate elements in your drawings.
- Master dimensioning tools to add accurate measurements to your drawings.
- Learn how to add text and annotations to convey important information.
- Explore and become proficient in advanced 3D drawing tools, such as poly lines, sp lines, and hatching.

Topics Covered:

- Proficiency in Basic Commands
- 3D Drafting Skills
- Dimensioning and Annotation
- Advanced Drawing Tools
- Efficient Use of Modify Commands
- Sheet Set Management

Registration Details Free

Last Date for Registration: 10-02-2023

REGISTRATION FORM

A Two Week Certification Program
on
" AUTO CAD CIVIL 3D "

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant

Signature of Head of the Institution
(With the official seal)



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Department of Civil Engineering

A Two Week Certification program

on

AUTO CAD CIVIL 3D

(13.02.2023 to 25.02.2023)

Date	Session-I	Session-II
13.02.2023 (Monday)	Inauguration of program	Hands on
14.02.2023 (Tuesday)	Basic Elements	Hands on
15.02.2023 (Wednesday)	Proficiency in Basic commands	Hands on
16.02.2023 (Thursday)	3D Drafting Skills	Hands on
17.02.2023 (Friday)	Dimensioning and Annotation	Hands on
20.02.2023 (Monday)	Advanced Drawing Tools	Hands on
21.02.2023 (Tuesday)	Advanced Drawing Tools	Hands on
22.02.2023 (Wednesday)	Efficient Use Of Modify Commands	Hands on



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Date	Session-I	Session-II
23.02.2023 (Thursday)	Efficient Use Of Modify Commands	Hands on
24.02.2023 (Friday)	Sheet Set Management	Hands on
25.02.2023 (Saturday)	Hands on	Feedback Valedictory

Msh
06/02/23
Co-ordinator

Card
06/2/23
HoD, CE
HoD
Department of Civil Engineering,
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139



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DEPARTMENT OF CIVIL ENGINEERING

Name of the Program: A Two Week Certification Program on Auto CAD Civil 3D

AY:2022-2023

List of Students Enrolled

Sl.	Roll No	Name	Year/Sem	Signature
1	208T1A0101	ADAPA NAGA LAKSHMI THIRUPATHAMMA	III/II	A. Lakshmi
2	208T1A0102	AKUNURI SAI KONDA	III/II	A. SaiKonda
3	208T1A0103	ALUGULA VENKATESH	III/II	A. Venkatesh
4	208T1A0104	BANNA BALA MURALI KRISHNA	III/II	B. Murali Krishna
5	208T1A0105	BOGASAMUDRAM RAVI PRATHAP REDDY	III/II	B. Ravi
6	208T1A0106	BOINAPALLI PRANAY GOPI	III/II	B. pranay gopi
7	208T1A0107	BOLLI YUVA KISHORE	III/II	B. Krishore
8	208T1A0108	CHAVALAM YASWANTH	III/II	C. Yaswanth
9	208T1A0109	CHERUKUNEEDEE PRAGATHI	III/II	C. Pragathi
10	208T1A0110	CHILLUMUNTA SRAVANI	III/II	C. Sravani
11	208T1A0112	INDIMODULA MEGHANA	III/II	G. Meghana
12	208T1A0113	JINKA VENKATA RAMAIAH	III/II	J. Venkata Ramaiah
13	208T1A0114	KALAGADDA PRAVEEN KUMAR	III/II	K. Praveen Kumar
14	208T1A0115	KANAPARTHI DHANUSH	III/II	K. Dhanush
15	208T1A0116	KARETI RAMANJANEYULU	III/II	K. Ramanjaneyulu
16	208T1A0117	KONDAVEETI SAHITHI	III/II	K. Sahithi
17	208T1A0118	KUBIREDDI CHAKRADHAR	III/II	K. Chandradhar
18	208T1A0119	LOYA PAVAN KUMAR	III/II	L. Pavan Kumar
19	208T1A0120	NERUSU LAKSHMI NARAYANA	III/II	N. Lakshmi Narayana
20	208T1A0121	PONUGUMATI RAJA SEKHAR	III/II	P. Raja
21	208T1A0122	PUCHAKAYALA BABY SRAVYA	III/II	P. Baby Sravya
22	208T1A0123	SANGIREDDY MANIKANTA	III/II	S. Manikanta
23	208T1A0124	SHAIK HUSSAIN	III/II	S. Hussain
24	208T1A0125	TRASULA SAI KIRAN	III/II	T. Sai Kiran
25	208T1A0126	VANKA SATHVIK ABHINAV	III/II	V. Sathvik



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Sl.	Roll No	Name	Year/Sem	Signature
26	208T1A0127	VEERANKI KAVYA	III/II	V. Kavya
27	208T1A0128	VELIVELA RISHI PAVAN	III/II	V. Rishi Pavan
28	208T1A0129	VISWANADHAPALLI PRAKASH KUMAR	III/II	N. Durga
29	218T5A0101	BANDARI KRISHNA	III/II	B. Krishna
30	218T5A0102	BATTHULA PRASANTH RAJU	III/II	B. Prakash
31	218T5A0103	BOMMIDI LOKESH	III/II	B. Lokesh
32	218T5A0104	CHALAMASETTI GOPI SAI KIRAN	III/II	C. Gopi Sai
33	218T5A0105	DODDAVARAPU SREENIVASULU	III/II	D. Sreenivasulu
34	218T5A0106	GADDE SRAVANI	III/II	G. Jagadeesh
35	218T5A0107	GORIPARTHI JAGADEESH	III/II	G. Jagadeesh
36	218T5A0108	GUNJA LIKHITHA	III/II	G. Likhitha
37	218T5A0109	GURRAM ARUNA VANI	III/II	Aruna Van
38	218T5A0110	KOGANTI ARUN SATYA SAI RAM	III/II	Arun Satya
39	218T5A0112	MARRI LAKSHMI NARAYANA	III/II	M. Lakshmi
40	218T5A0113	MIDDE SRAVANTHI	III/II	M. Arun Satya
41	218T5A0114	MUNIPALLI SANDEEP	III/II	M. Sandeep
42	218T5A0115	MUSUNURU SIVA KALYAN	III/II	M. Siva Kalyan
43	218T5A0116	NAIDU SWARUP	III/II	N. Swarup
44	218T5A0117	NAKKALA DINESH KUMAR	III/II	N. Dinesh Kumar
45	218T5A0119	PALLI VAMSI	III/II	P. Vamsi
46	218T5A0120	REDDY DURGA PRASAD	III/II	R. Durga Prasad
47	218T5A0121	SIKHA ROHITH BABU	III/II	S. Rohith Babu
48	218T5A0122	TALATOTI RAJESH	III/II	T. Rajesh
49	218T5A0123	VEERANKI SRIKANTH	III/II	V. Srikanth
50	218T5A0124	VYAKARANAM HEMA SAI SRI VENKATA HARSHITH	III/II	V. Hema Sai
51	228T5A0101	AKKALA CHAITANYA BHANU	II/II	A. Chaitanya
52	228T5A0102	ARJA DIVYA MANIKANTA	II/II	A. Divya
53	228T5A0103	BURLE VIJAY KUMAR	II/II	B. Vijay
54	228T5A0104	CHATTUMALA ABHISHEK	II/II	Ch. Abhishek
55	228T5A0105	CHIKATAPU SEBARIBABU	II/II	Ch. Sebari Babu



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Sl.	Roll No	Name	Year/Sem	Signature
56	228T5A0106	GOWRA VENKAT KALYAN	II/II	C. Venkat Kalyan
57	228T5A0107	KARRI GAGAN VINAY	II/II	Gagan
58	228T5A0108	KOTA CHINAVENKATESWARA RAO	II/II	K. Chivente
59	228T5A0109	MOVVA LOHITH	II/II	M. Lohith
60	228T5A0110	PANDRAJULA BALAJI	II/II	P. Balaji
61	228T5A0111	SAIKAM SANTHI PRIYA	II/II	S. Santhi Priya
62	228T5A0112	SITHAMRAJU V N S SAI SRI VAMSI	II/II	S. Vamsi

MSK
10/02/2023
Co-ordinator

Ganb
HoD
10/2/23

HoD
Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF CIVIL ENGINEERING

Name of the Program: A Two-Weeks Certification Program on Auto CAD CIVIL 3D

Year/Sem:-III/II

AY:2022-2023

SI.	Roll No	Name	13-02-2023	14-02-2023	15-02-2023	16-02-2023	17-02-2023	20-02-2023	21-02-2023	22-02-2023	23-02-2023	24-02-2023	25-02-2023
1	208T1A0101	Thirupathamma A N L	P	P	P	P	P	P	P	P	P	P	P
2	208T1A0102	A Sai Konda	P	P	A	P	P	P	P	P	P	A	P
3	208T1A0103	A Venkatesh	P	P	A	P	P	P	P	P	P	P	A
4	208T1A0104	B Bala Murali Krishna	A	P	A	P	P	P	P	P	P	P	A
5	208T1A0105	B. Ravi Prathap Reddy	P	A	P	P	P	P	P	P	P	P	A
6	208T1A0106	B Pranay Gopi	P	A	P	P	P	P	A	P	P	P	A
7	208T1A0107	Bolli Yuva Kishore	P	P	P	P	P	P	P	P	P	P	P
8	208T1A0108	Ch Yaswanth	P	P	P	P	A	P	P	P	P	P	P
9	208T1A0109	Ch. Pragathi	P	P	P	P	P	P	P	P	P	P	P
10	208T1A0110	Ch Sravani	P	P	A	P	P	P	P	P	P	P	P
11	208T1A0112	I Meghana	P	P	P	P	P	P	P	P	A	P	P



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Sl.	Roll No	Name	13-02-	14-02-	15-02-	16-02-	17-02-	20-02-	21-02-	22-02-	23-02-	24-02-	25-02-
12	208T1A0113	J Venkata Ramaiah	P	P	P	P	A	A	P	P	P	P	P
13	208T1A0114	K Praveen Kumar	P	P	P	A	A	P	P	P	P	P	P
14	208T1A0115	K Dhanush	P	P	A	A	P	P	P	P	P	P	P
15	208T1A0116	K Ramanjaneyulu	P	P	P	P	A	A	A	P	P	P	P
16	208T1A0117	K Sahithi	P	P	P	P	P	P	P	P	P	P	P
17	208T1A0118	K Chakradhar	P	P	P	P	P	A	P	P	P	P	P
18	208T1A0119	L Pavan Kumar	P	P	P	P	P	P	P	P	P	P	P
19	208T1A0120	N. Lakshmi Narayana	P	P	P	P	P	P	P	P	P	P	P
20	208T1A0121	P Raja Sekhar	P	P	P	P	P	P	P	P	P	P	P
21	208T1A0122	P. Baby Sravya	P	P	P	P	P	P	P	P	P	P	P
22	208T1A0123	S Manikanta	P	P	P	P	P	P	P	P	P	P	P
23	208T1A0124	Sk Hussain	P	P	P	P	P	P	P	P	P	P	P
24	208T1A0125	T Sai Kiran	P	P	P	P	A	P	P	P	P	P	P



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Sl.	Roll No	Name	13-02-	14-02-	15-02-	16-02-	17-02-	20-02-	21-02-	22-02-	23-02-	24-02-	25-02-
51	228T5A0101	A Chaitanya Bhanu	P	P	P	P	P	P	P	P	P	P	P
52	228T5A0102	A Divya Manikanta	P	P	P	P	P	P	P	P	P	P	P
53	228T5A0103	B Vijay Kumar	P	P	P	P	P	P	P	P	P	P	P
54	228T5A0104	Ch Abhishek	P	P	P	P	P	P	P	P	P	P	P
55	228T5A0105	Ch Sebaribabu	P	P	P	P	P	P	P	P	P	P	P
56	228T5A0106	G Venkat Kalyan	P	P	P	P	P	P	P	P	P	P	P
57	228T5A0107	K Gagan Vinay	P	P	P	P	P	P	P	P	P	P	P
58	228T5A0108	K China venkateswara	P	P	P	P	P	P	P	P	P	P	P
59	228T5A0109	M Lohith	P	P	P	P	P	P	P	P	P	P	P
60	228T5A0110	P Balaji	P	P	P	P	P	P	P	P	P	P	P
61	228T5A0111	S Santhi Priya	P	P	P	P	P	P	P	P	P	P	P
62	228T5A0112	S V N S Sai Sri Vamsi	P	P	P	P	P	P	P	P	P	P	P

M. S. S.
Coordinator

25/02/2023

Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139

G. S. S.
HOD

Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139



Department of Civil Engineering

27.02.2023

PROGRAM REPORT

Name of the Event : A Two-Week Certification Program on Auto Cad Civil 3D

Date: 13-02-2023 to 25-02-2023

Resource Persons: Mr. K.Babu Rao
Assistant professor
Department of CE
Email ID: baburao.kanapala@gmail.com
Contact No: 9121682137

Name of the Co-Ordinator: Mr. M. Sai Ganesh

Number of Students Attended :64

Venue: GIS & CAD LAB

Objectives:

- Learn and master basic commands such as line, circle, rectangle, and other fundamental drawing tools.
- Understand how to navigate the drawing area and use zoom and pan effectively.
- Develop proficiency in creating accurate and detailed 3D drawings.
- Learn to use layers, line types, and colors to organize and differentiate elements in your drawings.
- Master dimensioning tools to add accurate measurements to your drawings.
- Learn how to add text and annotations to convey important information.
- Explore and become proficient in advanced 3D drawing tools, such as poly lines, sp lines, and hatching.

Learning Outcomes :

- Ability to create accurate and professional 3D drawings.
- Understanding of drawing commands and tools for creating lines, circles, arcs, and other geometric shapes.
- Capability to create 3D models of objects and structures.
- Understanding of 3D modeling tools, such as extrusion, lofting, and sweeping.



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- Improved spatial reasoning and visualization skills, crucial for creating and manipulating 3D models.
- Mastery of efficient drawing and editing techniques to increase productivity.
- Knowledge of commands like Copy, Move, Rotate, and Array.
- Ability to add text, dimensions, and annotations to drawings for clear communication of design intent.
- Understanding of layering techniques to organize and control the visibility of drawing elements.
- Knowledge of plotting and printing options to produce hard copies of drawings with appropriate scale and detail.

DhaneKula Institute of Engineering and Technology has organized “A Two Week Certification program on Auto Cad Civil 3D” for II&III B.Techstudents from 13.02.2023 to 25.02.2023. A total of 62 students were participated in this program.



MSK
27/2/23
CO-ORDINATOR

G. S. R.
21/2/23
HoD

HoD
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Department of Civil Engineering
Assessment Form

Name of the Program: A Two-Week Certification Program on AUTO CAD CIVIL 3D

Date : 25-02-2023

Time :20 min

Max Marks :20 * 1 =20 Marks

Reg No: 228TSA0104

Academic Year : 2022-2023

Year/Sem : II/I & III/I

1. Which command is used to switch from 2D drafting workspace to 3D modeling workspace in AutoCAD? (C)

A) DIMENSION

B) SOLID

C) 3DMODELING

D) 3DORBIT

2. What is the purpose of the "Extrude" command in AutoCAD 3D? (B)

A) To draw a 3D polyline

B) To create a 3D solid by extending a 2D shape along a path

C) To rotate an object around an axis

D) To subtract one 3D object from another

3. Which tool is used to create a solid box in AutoCAD 3D? (B)

A) SOLIDEDIT

B) BOX

C) EXTRUDE

D) FILLET

4. How do you access the "Revolve" command in AutoCAD 3D? (A)

A) Type REVOLVE in the command line

B) It's located in the "Modify" panel

C) It's located in the "Solid" panel

D) Type REV in the command line

5. Which command is used to create a 3D mesh in AutoCAD? (A)

A) MESH

B) PEDIT

C) POLYSOLID

D) EXTRUDE

6. What is the purpose of the "Slice" command in AutoCAD 3D?

(A)

- A) To cut a 3D object into two or more parts along a specified plane
- B) To create a circular array of 3D objects
- C) To join two 3D objects together
- D) To offset a 3D object along a specified path

7. Which tool is used to create a helical shape in AutoCAD 3D?

(A)

- A) HELIX
- B) SWEEP
- C) REVOLVE
- D) ROTATE3D

8. How do you access the "Union" command in AutoCAD 3D?

(A)

- A) Type UNION in the command line
- B) It's located in the "Modify" panel
- C) It's located in the "Solid Editing" panel
- D) Type UN in the command line

9. Which command is used to create a lofted surface between two or more cross-sections in AutoCAD 3D?

(B)

- A) EXTRUDE
- B) LOFT
- C) SWEEP
- D) PRESSPULL

10. What is the purpose of the "Sweep" command in AutoCAD 3D?

(B)

- A) To project a 3D object onto a 2D plane
- B) To create a solid by sweeping a 2D shape along a path
- C) To rotate an object around an axis
- D) To subtract one 3D object from another

11. Which tool is used to create a solid cone in AutoCAD 3D?

(D)

- A) SWEEP
- B) EXTRUDE
- C) REVOLVE
- D) CONE

12. What is the purpose of the "Presspull" command in AutoCAD 3D?

(C)

- A) To create a lofted surface between two or more cross-sections
- B) To project a 3D object onto a 2D plane
- C) To push or pull a 3D object along a specified path
- D) To create a circular array of 3D objects

13. How do you access the "Mirror" command in AutoCAD 3D?

(A)

- A) Type MIRROR in the command line B) It's located in the "Modify" panel
C) It's located in the "Solid Editing" panel D) Type MI in the command line

14. Which command is used to create a 3D polyline in AutoCAD 3D?

(B)

- A) PLINE B) 3DPOLY
C) POLYSOLID D) SPLINE

15. What is the purpose of the "Intersect" command in AutoCAD 3D?

(A)

- A) To create a solid by intersecting two or more 3D objects
B) To subtract one 3D object from another
C) To merge two or more 3D objects into one D) To create a circular array of 3D objects

16. Which tool is used to create a pyramid in AutoCAD 3D?

(B)

- A) EXTRUDE B) PYRAMID
C) SWEEP D) LOFT

17. What is the purpose of the "Chamfer" command in AutoCAD 3D?

(D)

- A) To slice a 3D object into two or more parts B) To create a chamfered hole in a 3D object
C) To add fillets to the corners of a 3D object D) To create a beveled edge between two surfaces

18. How do you access the "Scale" command in AutoCAD 3D?

(D)

- A) Type SC in the command line Type SCALE in the command line
B) It's located in the "Modify" panel
C) It's located in the "Solid Editing" panel D) Type SCALE in the command line

19. Which command is used to create a 3D array of objects in AutoCAD 3D?

(B)

- A) ARRAY B) 3DARRAY
C) ARRAYEDIT D) ARRAYPOLAR

20. What is the purpose of the "Helix" command in AutoCAD 3D?

(A)

- A) To create a helical shape B) To create a lofted surface between two or more cross-sections
C) To create a solid by sweeping a 2D shape along a path D) To project a 3D object onto a 2D plane



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms

L. Sakithi

from

Dhanekula Institute of Engineering & Technology has participated in

**A Two-week Certification Program on
AUTO CAD 3D**

Organized by the Department of
Civil Engineering from
13/02/2023 to 25/02/2023

Coordinator

HoD

Principal



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This is to certify that

Mr./Mrs./Ms G. Anuvara Varri from
DhaneKula Institute of Engineering & Technology has participated in

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CIRCULAR

Date: 13.09.2022

All the IV -B.Tech-EEE students are informed that the Department of EEE is going to be conduct "A certification Course on Amazon Web Services-Cloud Computing" from 19.09.2022 to 24.09.2022 in EEE simulation Lab. All students should attend without fail.

The faculty who are handling for IV B.Tech-EEE are informed to be available in EEE simulation Lab during their class hour as per the timetable to monitor the discipline.

Venue. : EEE Simulation Lab

Co-ordinator : Mrs V.Komali

Komali
Co-ordinator


HoD
Head of the Department
Electrical & Electronics Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

Organizing Committee

Convener: Dr. I.Sai Ram
HoD, EEE Department
Department of Electrical & Electronics
Engineering
Dhanekula institute of Engineering and
Technology, Vijayawada
Email: diet.eeehod@gmail.com
phone: 9290535464

Advisory committee Members:

1. Dr. G.Vinay Kumar
HOD, CE Department
2. Dr.O. Srikanth
HOD, ME Department
3. Dr. M. Vamsi Krishna
HOD, ECE Department
4. Dr. K. Sowmya
HOD, CSE Department
5. Dr. BVS.N. Hari Prasad
HOD, BS&H Department

For further communication:

Coordinator:

Mrs.V.Komali
Assistant professor
Department of EEE
Email ID: komaliveeranki@gmail.com
Contact No: 7799006653

CHIEF PATRONS

- Sri.D. Ravindranath Tagore, Agriculturist
& Industrialist Chairman, DVSCT
- Sri.D.Bhavani Prasad,
Secretary, DVSCT
- Sri. D.K.R.K. Ravi prasad,
Sr Dy. General Manager Bharat
Electronics Limited, Machilipatnam
- Dr. T Hanuman Chowdhary
Director, Centre for
Telecommunications Management &
Studies, Hyderabad
- Sri. D Sai Prasad,
Entrepreneur, MD, Satyakala Agro Oil
Products
- Sri. D Nagendra Prasad,
Entrepreneur MD, Hotel D V Manor
- Smt. Karuna Arava
Asst. Prof., UCE, JNTUK, Kakinada.
- Sri. M Seshagirirao
Principal, Government Polytechnic,
Vijayawada.
- Sri. M Sundareshan
Regional Officer & Assistant Director.
AICTE, SCRO
- Dr. Ravi Kadiyala,
Principal, DIET, Vijayawada

A Certification program on
Amazon Web Services- Cloud
Computing

19-09-2022 to 24-09-2022



Organized by Department of
Electrical & Electronics Engineering

**Dhanekula Institute of Engineering
and Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the College:

Dhanekula Institute of Engineering and Technology is established in 2009 by Sri Ravindranath Tagore, Chairman, Agriculturalist and industrial organizations of Dhanekula group. The college was located at Ganguru Vijayawada, Krishna District of Andhra Pradesh.

The college offers B.Tech. programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT., and PG courses M.Tech in Computer Science and Environmental Engineering. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also accredited by MHRD for Innovation cell and TBI by MSME, GoI.

About the Department:

The department of Electrical & Electronics Engineering was established in 2009. The department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audio-visual facilities with enough LCD and OHP's for effective teaching. The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Electrical & Electronics Engineering.

Objective of Certification Program:

1. The participant can learn the AWS-Cloud computing
2. To provide students with the fundamentals and essentials of Cloud Computing.
3. To provide students a sound foundation of the Cloud Computing so that they are able to start using and adopting Cloud Computing services and tools in their real life scenarios.
4. To enable students exploring some important cloud computing driven commercial systems and applications. To expose the students to frontier areas of Cloud Computing and information systems, while providing sufficient foundations to enable further study and research

Topics Covered:

2. 1. Explain the core concepts of the cloud computing paradigm: how and why this paradigm shift came about, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.
3. 2. Apply the fundamental concepts in datacenters to understand the tradeoffs in power, efficiency and cost.
4. 3. Identify resource management fundamentals, i.e. resource abstraction, sharing and sandboxing and outline their role in managing infrastructure in cloud computing.
5. 4. Analyze various cloud programming models and apply them to solve problems on the cloud

Registration Details: Free

Last Date for Registration: 16.09.2022

REGISTRATION FORM**A Certification program on Amazon
Web Services- Cloud Computing**

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant

**Signature of Head of the Institution
(With the official seal)**



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Electrical & Electronics Engineering

Name of the Program: A Certification program on Amazon Web Services- Cloud Computing

(19.09.2022 to 24.09.2022)

Course Content

1. AWS Academy cloud developing
2. AWS Academy cloud foundation
3. AWS Academy cloud operation
4. AWS Academy cloud Architecture
5. AWS Data Analytics
6. AWS Academy Machine Learning Foundation

Komali V.
Co-ordinator

HoD, EEE

Head of the Department
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Department of Electrical & Electronics Engineering

Name of the Program: A Certification Program on Amazon Web Services- Cloud Computing

Student List

S. No	Roll No	Name of the Student	Signature
1	198T1A0201	ARAVAPALLI NAVEEN	A. Naveen
2	198T1A0202	PAPANABOINA NAGENDRA BABU	P.N Babu
3	198T1A0204	SHAIK KHAIRULLA	Sk. Karimulla
4	198T1A0205	YANDAVAGNANA PRASOONAMBIKA	Y. Prasoona Ambika
5	208T5A0201	AMUDALA VAMSI	AD. Vamsi
6	208T5A0202	BANDI NAGAAYYAPPA	B. NagaaYYappa
7	208T5A0203	BAYYA DURGA BHAVANI	B. Durga Bhavani
8	208T5A0204	BUDDHA CHAITANYA	B. Chaitanya
9	208T5A0205	CHEEKATI SRINIVASU	C. Srinivasu
10	208T5A0206	CHINNAPOTHULA ESWAR	C. Eswar
11	208T5A0207	CHITHAJALLU LEELA SUNEEL	Ch. Leela Suneel
12	208T5A0208	DEEPALA NAGA SAI VENKATA NAVEEN	DN. S. V. Naveen
13	208T5A0209	DURGA MAHESH NATHAM	D. M. Natham
14	208T5A0210	GARIKE VEERAMMA	G. Veeramma
15	208T5A0211	KAGITHA GOPI KRISHNA	K. Gopi Krishna
16	208T5A0212	KALAPALA SATISH	K. Satish
17	208T5A0213	KALI.YOHAN	K. Yohan
18	208T5A0214	KAMBHAMPATI PAVAN KUMAR	K. Pavan Kumar
19	208T5A0215	KARUMURI MOUNISH	K. Mounish
20	208T5A0216	KILLARI DURGARAO	K. Durga Rao
21	208T5A0217	BURA NAGA DURGA BABU	B. Durga Babu
22	208T5A0218	KOLA CHANDRA SEKHAR	K. C. Sekhar
23	208T5A0219	GOLLA NAGA MANIKANTA	G. N. Manikanta
24	208T5A0220	KOTE PRASANNA KUMAR	K. Prasanna Kumar
25	208T5A0221	KUNCHAPU GURUKRISHNA	K. Gurukrishna
26	208T5A0222	MADDURU SUBHAVANA	M. Subhavana
27	208T5A0223	GUDIVAKA.VIJAYESWARI	G. Vijayeswari



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S. No	Roll No	Name of the Student	Signature
28	208T5A0224	MERUGA MANI KANTH	M. Mani
29	208T5A0225	MOLAKA RAVI PRAKASH REDDY	M. R. Prakash
30	208T5A0226	ORUGANTI SANDEEP	O. Sandeep
31	208T5A0227	PALA CHARAN KUMAR	P. Charan Kumar
32	208T5A0228	PATCHALA JAYANTH	P. Jayanth
33	208T5A0229	PENUMALA DINESH KRISHNA	P. Dinesh Krishna
34	208T5A0230	PERUMALLA. VIVEK	P. Vivek
35	208T5A0231	PHANITHI SOWMYA	P. Sowmya
36	208T5A0232	RAPAKA GANA NAGENDRA DURGA PRASAD	R. G. N. Durga Prasad
37	208T5A0233	RAVOORINA VEEN	R. Naveen
38	208T5A0234	SAIKAM VINAY	Saikam Vinay
39	208T5A0235	SHAIK JAFNA	S. K. Jafna
40	208T5A0236	MOGILINEDI RAMA KRISHNA	M. Rama Krishna
41	208T5A0237	UDIMI NAGARAJU	U. Nagaraju
42	208T5A0238	VEERAMACHANENI UJWAL UMA MAHESH	V. U. U. Mahesh
43	208T5A0239	VEERANKI GANESH	V. Ganesh
44	208T5A0240	VEMURI SUJITH	V. Sujith
45	208T5A0241	VENKATA PULLAIAH CHALLA	C. Pullaiah
46	208T5A0242	YARLAGADDA ANIL KUMAR	Y. Anil Kumar
47	208T5A0243	YERRAMSETTY VINEELA	Y. Vineela

Konali V
Co-ordinator

HoD

Head of the Department
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Department of Electrical & Electronics Engineering

Name of the Program: A Certification Program on Amazon Web Services- Cloud Computing

(19.09.2022 to 24.09.2022)

S. No	Roll No	Name of the student	19-09-2022	20-09-2022	21-09-2022	22-09-2022	23-09-2022	24-09-2022
1	198T1A0201	ARAVAPALLI NAVEEN	P	P	P	P	P	P
2	198T1A0202	PAPANABOINA NAGENDRA BABU	P	P	P	P	P	P
3	198T1A0204	SHAIK KHAIRULLA	P	P	P	P	P	P
4	198T1A0205	YANDAVAGNANA PRASOONAMBIKA	P	P	P	P	P	P
5	208T5A0201	AMUDALA VAMSI	P	P	P	P	P	P
6	208T5A0202	BANDI NAGAAYYAPPA	P	P	P	P	P	P
7	208T5A0203	BAYYA DURGA BHAVANI	P	P	P	P	P	P
8	208T5A0204	BUDDHA CHAITANYA	P	Ab	P	P	P	Ab
9	208T5A0205	CHEEKATI SRINIVASU	P	P	P	P	P	P
10	208T5A0206	CHINNAPOTHULA ESWAR	P	P	P	P	P	P
11	208T5A0207	CHITHAJALLU LEELA SUNEEL	P	P	P	P	P	P
12	208T5A0208	DEEPALA NAGA SAI VENKATA NAVEEN	P	P	P	P	P	P
13	208T5A0209	DURGA MAHESH NATHAM	P	P	P	P	P	P
14	208T5A0210	GARIKE VEERAMMA	P	P	P	P	P	P
15	208T5A0211	KAGITHA GOPI KRISHNA	Ab	P	Ab	P	P	P
16	208T5A0212	KALAPALA SATISH	P	P	P	P	P	P
17	208T5A0213	KALI.YOHAN	P	P	P	P	P	Ab



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S. No	Roll No	Name of the student	19-09-2022	20-09-2022	21-09-2022	22-09-2022	23-09-2022	24-09-2022
18	208T5A0214	KAMBHAMPATI PAVAN KUMAR	P	P	P	P	P	P
19	208T5A0215	KARUMURI MOUNISH	P	P	P	P	P	P
20	208T5A0216	KILLARI DURGARAO	P	P	P	P	P	P
21	208T5A0217	BURA NAGA DURGA BABU	P	P	P	A	A	P
22	208T5A0218	KOLA CHANDRA SEKHA	P	P	P	P	P	P
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27	208T5A0223	GU DIVAKA VIJAYESWARI	P	P	P	P	P	P
28	208T5A0224	MERUGA MANI KANTH	P	P	P	F	P	P
29	208T5A0225	MOLAKA RAVI PRAKASH REDDY	P	P	P	P	P	P
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40	208T5A0236	MOGILINEDI RAMA KRISHNA	P	P	P	P	P	P
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42	208T5A0238	VEERAMACHANENI UJWAL UMA MAHESH	P	P	P	P	A	P
43	208T5A0239	VEERANKI GANESH	P	P	P	P	P	P
44	208T5A0240	VEMURI SUJITH	Ab	P	P	P	P	P
45	208T5A0241	VENKATA PULLAIAH CHALLA	P	P	P	P	P	P
46	208T5A0242	YARLAGADDA ANIL KUMAR	P	P	P	P	P	P
47	208T5A0243	YERRAMSETTY VINEELA	P	P	P	P	P	P

Komal V.
Co-ordinator


HoD, EEE

Head of the Department
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Ganguru, Vijayawada - 521 139



Department of Electrical & Electronics Engineering

Date: 27-09-2022

Event Report

Name of the Event : A Certification program on Amazon Web Services- Cloud Computing

Objectives:

1. The participant can learn the AWS-Cloud computing
2. To provide students with the fundamentals and essentials of Cloud Computing.
3. To provide students a sound foundation of the Cloud Computing so that they are able to start using and adopting Cloud Computing services and tools in their real life scenarios.
4. To enable students exploring some important cloud computing driven commercial systems and applications.
5. To expose the students to frontier areas of Cloud Computing and information systems, while providing sufficient foundations to enable further study and research.

Outcome:

1. Explain the core concepts of the cloud computing paradigm: how and why this paradigm shift came about, the characteristics, advantages and challenges brought about by the various models and services in cloud computing.
2. Apply the fundamental concepts in datacenters to understand the tradeoffs in power, efficiency and cost.
3. Identify resource management fundamentals, i.e. resource abstraction, sharing and sandboxing and outline their role in managing infrastructure in cloud computing.
4. Analyze various cloud programming models and apply them to solve problems on the cloud.

Type of the Programme	: Certification
Name of the Course	: AWS-Cloud computing
Duration of the Programme	: 19-09-2022 to 24-09-2022
Exam Date	: 24-09-2022
Instructor (Trainer)	: Mr.C.RamaKrishna
Assessment Criteria	: The students progress was assessed by the trainers in a given Electrical circuit by hardware Performance. Students must secured minimum 40% score in order to pass the test.



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Rubrics-Target % & Attainment Levels		
Set Target %	55	Attainment Levels
Attainment Level 1	50% or less no of Students scoring more than 55% marks out of relevant maximum marks	1
Attainment Level 2	51% to 69% Students scoring more than 55% marks out of relevant maximum marks	2
Attainment Level 3	70% & above no of Students scoring more than 55% marks out of relevant maximum marks	3

Mapped to PO's & PSO's :

PO5	PO7	PO12	PSO2
3	2	3	2

Blooms Taxonomy Level : Application/Applying (BT1.3)

Number of Second Year Students

Registered : 47
 Appeared for Exam : 47
 Secured Certificates : 47

Attainment Level-3



Komal V.
ITC, Coordinator

[Signature]
HOD, EEE

Head of the Department
Electrical & Electronics Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Electrical and Electronics Engineering

Assessment Form

Name of the Program: Amazon Web Services- Cloud Computing

Date: 24-09-2022 Time :30 min

Reg No: 208TSA0222 Academic Year : 2022-23

Max Marks :20 * 1 =20 Marks

Year/Sem : 4

17

20

1. What is the full form of AWS?

- A. Amazon web-based service
C. Amazon web service

- B. Amazon web-store service
D. Amazon web-data service

[C] ✓

2. How many types of cloud computing are there?

A. 2

B. 3

C. 4

D. 5

[C] X

3. Which of the following are the advantages of AWS?

A. Flexibility

B. Cost-effectiveness

C. Scalability

D. All of the above

[D] ✓

4. Which one of the following cloud concepts is related to sharing and pooling the resources?

A. Polymorphism

B. Virtualization

C. Abstraction

D. None of the mentioned

[B] ✓

5. Which one of the following is Cloud Platform by Amazon?

A. Azure

B. AWS

C. Cloudera

D. All of the mentioned

[B] ✓

6. Which one of the following refers to the non-functional requirements like disaster recovery, security, reliability, etc.

A. Service Development

B. Quality of service

C. Plan Development

D. Technical Service

[B] ✓

7. What is the correct formula to calculate the cost of a cloud computing deployment?

A. $\text{Cost CLOUD} = \Sigma(\text{Unit Cost CLOUD} / (\text{Revenue} + \text{Cost CLOUD}))$

B. $\text{Cost CLOUD} = \Sigma(\text{Unit Cost CLOUD} / (\text{Revenue} - \text{Cost CLOUD}))$

C. $\text{Cost CLOUD} = \Sigma(\text{Unit Cost CLOUD} \times (\text{Revenue} - \text{Cost CLOUD}))$

D. None of the mentioned

[B] ✓

8. Which of the following is the most important area of concern in cloud computing?

A. Scalability

B. Storage

C. Security

D. All of the mentioned

[C] ✓

9. Who is the father of cloud computing? [C] ✓
 A. Sharon B. Codd B. Edgar Frank Codd C. J.C.R. Licklider D. Charles Bachman
10. Which is the most essential concept related to Cloud computing? [B] X
 A. Abstraction B. Reliability C. Productivity D. All of the mentioned
11. The overhead associated with _____ staff is a major cost. [B] ✓
 A. Data Center B. IT C. Non IT D. All of the mentioned
12. Which of the following is Amazon's technical support and consulting business? [B] ✓
 A. Amazon Virtual Private Cloud B. AWS Premium Support
 C. Amazon Fulfillment Web Services D. All of the mentioned
13. Which of the following system models creates a graphical representation of software systems in the form of a set of diagram types? [C] ✓
 A. Sys ML B. XMI C. UML D. None of the mentioned
14. Which of the following provides information on service and service boundaries, service granularity, and asset analysis? [A] ✓
 A. SOMA B. SMIL C. SMA D. All of the mentioned
15. Which of the following is the first level cloud service attribute? [D] X
 A. Accounting B. Application support C. Core Services D. All of thementioned
16. Point out the wrong statement. [A] ✓
 A. Taken as a unit, "Request => Process => Response" is not an atomic transaction
 B. A coherent transaction either succeeds and is enacted, or fails and is rolled back
 C. When rollback is not possible due to optimistic transaction commitment in a multiuser application, durability requires correcting the condition
 D. None of the mentioned
17. Which of the following factors might offset the cost of offline access in hybrid applications? [D] ✓
 A. scalability B. costs C. ubiquitous access D. all of the mentioned
18. In how many parts we can broadly divide the architecture of the Cloud? [C] ✓
 A. 4 B. 3 C. 2 D. 5
19. Through which, the backend and front-end are connected with each other? [A] ✓
 A. Browser B. Database C. Network D. Both A and B
20. Managed IT services are based on the concept of which one of the following? [B] ✓
 A. Virtualization B. Utility Computing C. Grid Computing D. SOA



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms M. Subhavana from
Dhanekula Institute of Engineering & Technology has participated in

**A Certification Course on
Amazon Web Services-Cloud Computing**

Organized by the Department of
Electrical and Electronics Engineering from
19/09/2022 to 24/09/2022

Komali.V
Coordinator

[Signature]
HoD

[Signature]
Principal



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HoD

[Signature]
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Date: 23-01-2023

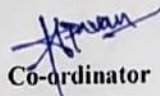
CIRCULAR

This is hereby to inform all the II, III & IV B.Tech students of ME, that department of Mechanical Engineering is organizing a two-week certification program on "**Computational Fluid Dynamics**" from 06-02-2023 to 20-02-2023. Hence all the students are requested to enroll their names on or before 01-02-2023.

Venue. : ME Seminar hall.

All hands-on sessions will be conducted at F-24A, F-24B

Co-ordinator : Mr. K.Pavan Kumar


Co-ordinator

Copy to all HoDs


PRINCIPAL
Principal
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



Organizing Committee

Convener: Dr. O.Srikanth

HoD, ME Department

Department of Mechanical Engineering

Dhanekula institute of Engineering and

Technology, Vijayawada

Email: diet.mehod@gmail.com

phone: 8985359139

Advisory committee Members:

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HOD, ME Department

2. Dr. I. Sai Ram

HOD, EEE Department

3. Dr. M. Vamsi Krishna

HOD, ECE Department

4. Dr. K. Sowmya

HOD, CSE Department

5. Dr. M. Hari Prasad

HOD, BS&H Department

For further communication:

Coordinator:

Mr.K.Pavan Kumar

Assistant professor

Department of ME

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Products
- Sri. D Nagendra Prasad,
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Asst. Prof., UCE, JNTUK, Kakinada.
- Sri. M Seshagirirao
Principal, Government Polytechnic,
Vijayawada.
- Sri. M Sundareshan
Regional Officer & Assistant Director.
AICTE, SCRO
- Dr. Ravi Kadiyala,
Principal, DIET, Vijayawada

A Two Week Certification Program
on

" Computational Fluid Dynamics "

06th Feb to 20th Feb 2023



**Organized by Department of
Mechanical Engineering**

**Dhanekula Institute of Engineering
and Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada

Krishna District, A.P (India)

www.diet

Mechanical
2022-23

About the College:

Dhanekula Institute of Engineering and Technology is established in 2009 by Sri Ravindranath Tagore, Chairman, Agriculturalist and industrial organizations of Dhanekula group. The college was located at Ganguru Vijayawada, Krishna District of Andhra Pradesh.

The college offers B.Tech. programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT., and PG courses M.Tech in Computer Science and Environmental Engineering. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also accredited by MHRD for Innovation cell and TBI by MSME, GoI.

About the Department:

The department of Mechanical Engineering was established in 2009 with an intake of 60 students in the UG program. The intake was enhanced to 120 in 2013 and the department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audio-visual facilities with enough LCD and OHP's for effective teaching. The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Mechanical Engineering.

Objective of Certification Program:

1. Learn fluid flow behavior under varying conditions of pipe flows, open flows in order to control and measure the velocities and pressures.
2. Understand the fundamental concepts related to mass, momentum, energy principles that enables analyze practical situations with mathematical conversions.
3. To explore the possibility of various problems related to fluid mechanics whose experiments are complicated and dangerous
4. Learn to visualize fluid dynamics in the field of aeronautics and marine engineering

Topics Covered:

- Continuity Equation, Navier Stokes Equation, Energy Equation
- Finite Element Method, Finite Difference and Finite Volume Method,
- Consistency, Stability and Convergence.
- Implementation of boundary condition
- 1-D Steady State Diffusion Problems- Source term linearization,

Registration Details: Free

Last Date for Registration: 01.02.2023

REGISTRATION FORM

A Two Week Certification Program
on

***" COMPUTATIONAL FLUID
DYNAMICS "***

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant

**Signature of Head of the Institution
(With the official seal)**



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Department of Mechanical Engineering

A Two Week Certification program


on


Computational Fluid Dynamics

(06.02.2023 to 20.02.2023)

Date	Session-I	Session-II	Session-III
06.02.2023 (Monday)	Inauguration	Introduction to fluid mechanics continuity, momentum, energy principles	Hands on
07.02.2023 (Tuesday)	General Structure of Conservation Equations,	Classification of Partial Differential Equations and Physical Behaviour	Hands on
08.02.2023 (Wednesday)	Approximate Solutions of Differential Equations: Error Minimization Principles.	Finite Element Method, Finite Difference and Finite Volume Method,	Hands on
09.02.2023 (Thursday)	Consistency, Stability and Convergence. (break,continue)	1-D Steady State Diffusion	Hands on
10.02.2023 (Friday)	Diffusion Problems- Source term linearization,	Implementation of boundary conditions	Hands on
11.02.2023 (Saturday)	Finite volume discretization of convection-diffusion problem.	Central difference scheme, Upwind scheme, Exponential scheme and Hybrid scheme,	Hands on
13.02.2023 (Monday)	Power law scheme, Generalized convection	diffusion formulation,	Hands on

14.02.2023 (Tuesday)	Finite volume discretization	The concept of false diffusion,	Hands on
15.02.2023 (Wednesday)	flux limiter functions.	linear Algebraic Equations: Elimination Methods, Iterative Methods	Hands on
16.02.2023 (Thursday)	Discretization of Navier Stokes Equations,	primitive variable approach,	Hands on
17.02.2023 (Friday)	SIMPLER Algorithm,	Unstructured Grid Formulation.	Sample Projects & Case study
20.02.2023 (Monday)	Reynolds average Navier stokes (RANS) equation,	Exam & Feedback	Valedictory


Co-ordinator


Head of ~~TDI~~ ME Department
Mechanical Engineering

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Department of Mechanical Engineering

Name of the Program: A TWO WEEK CERTIFICATION PROGRAM ON
COMPUTATIONAL FLUID DYNAMICS

Student List

S. No	Roll No	Name	Year & Branch	Signature
1	198T1A0301	A NITISH CHANDRA	IV ME	A. Nitish
2	198T1A0302	BANNARAPU YASWANTH KUMAR	IV ME	B. Yaswanth
3	198T1A0303	BATTULA SUKUMAR	IV ME	B. Sukumar
4	198T1A0304	BAVINENI SYAM SRINADH	IV ME	B. Syam
5	198T1A0305	CHALAMALASETTI SAI PRASAD	IV ME	C. Prasad
6	198T1A0306	CHILAMKURTHI HEMA KANTH	IV ME	D. Sridhar
7	198T1A0307	DONGA SRIDHAR	IV ME	D. Sridhar
8	198T1A0308	GORANTLA YASWANTH KUMAR	IV ME	G. Yaswanth
9	198T1A0309	KATURI ANDREW RAJENDRA	IV ME	K. Andrew
10	198T1A0310	MOHAMMED JAFFAR SADIQ	IV ME	M. Jaffar
11	198T1A0311	PADALA HARI KRISHNA	IV ME	P. Hari
12	198T1A0312	PAIDI SAMBA SHIVA RAO	IV ME	P. Samba
13	198T1A0313	SIMHADRI VENKATA SIVA RAM PRASAD	IV ME	S. Venkatarao
14	198T1A0314	SYED HABIBULLAH	IV ME	S. Habibullah
15	198T1A0315	TATIPARTHI YOHOSHUVA	IV ME	T. Yohoshuva
16	208T5A0301	ABDUL SALAM	IV ME	A. Salam
17	208T5A0302	BARNALA RAGHAVA	IV ME	B. Raghava
18	208T5A0303	BOMMIDI DAYAKAR	IV ME	B. Dayakar
19	208T5A0304	BONTHA VAMSI KRISHNA	IV ME	B. Vamsi
20	208T5A0305	BUDDHA BHARGAV	IV ME	B. Bhargav
21	208T5A0306	CHAVALI SANDEEP	IV ME	G. Sandeep
22	208T5A0307	CHERLA MANOJ	IV ME	C. Manoj
23	208T5A0308	DOKKU HARI KRISHNA	IV ME	D. Hari Krishna
24	208T5A0309	GADDAM UTHEJ	IV ME	G. Uthej
25	208T5A0310	GUDIVADA RABIN CHAKRAVARTHI	IV ME	G. Rabin Chakravarti



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27	208T5A0312	KANCHANAPALLI PAVAN KUMAR	IVME	K. Pavan Kumar
28	208T5A0313	KORRAPATI ROHAN	IVME	K. Rohan
29	208T5A0314	MARKAPUDI JASHUVA SUNDAR	IVME	M. Jashuva Sundar
30	208T5A0315	MARRELA VENKATA SAI SESHU	IVME	M. Venkat.
31	208T5A0316	MURALA DONI SRAVANTH GOWD	IVME	M. SRAVANTH
32	208T5A0317	NADAKUDITI RAVI TEJA	IVME	N. Raviteja
33	208T5A0318	NANDAM VENKATA KRISHNA	IVME	N. Venkata
34	208T5A0319	PARASA SAI TEJA	IVME	P. Sai Teja
35	208T5A0320	PEDAPUDI RUPANAND	IVME	P. Rupanand
36	208T5A0321	POGIRI BALAKRISHNA	IVME	P. Balakrishna
37	208T5A0322	SHAIK NIZAMUDDIN	IVME	SK. Nizamuddin
38	208T5A0323	TUMATI MOHAN KUMAR	IVME	T. Mohan Kumar
39	208T5A0324	UPPALA MOHAN CHANDRA	IVME	U. Mohan Chandra
40	208T5A0325	YELLETI KALYAN CHANDU	IVME	Y. Kalyan Chandu
41	208T1A0301	ABDUL VIKRAM	IIIME	Abdul Vikram
42	208T1A0302	AREPALLI KIRAN SAI	IIIME	A. Kiran Sai
43	208T1A0303	BATCHU JOSEPH RATNA KUMAR	IIIME	B. Joseph Ratna
44	208T1A0304	BHEEMAVARAPU AMAR PHANI DEEPU	IIIME	B. Amar Phani
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48	208T1A0308	CHIMMILI SASI	IIIME	Ch. Sasi
49	208T1A0309	AKA DINESH REDDY	IIIME	A. Dinesh Reddy
50	208T1A0310	AKKIREDDY CHENNAKESAVA REDDY	IIIME	A. Chennakesava Reddy
51	208T1A0311	JAYANTH KUMAR BONTHU	IIIME	B. Jayanth Kumar
52	208T1A0312	KALLA YASHWANT	IIIME	K. Yashwant
53	208T1A0314	KOLLATI GOPI	IIIME	K. Gopi
54	208T1A0315	KOLLIBOINA GURU BABU	IIIME	K. Guru
55	208T1A0316	KONATHALA DINESH SANTHI SWAROOP	IIIME	KD. Santhi Swaroop
56	208T1A0317	KUNAPAREDDY VENKATA SURESH BABU	IIIME	K. Suresh Babu
57	208T1A0318	ATURU GNANA AKHILESH	IIIME	A.G. Akhilesh



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59	208T1A0320	PASAM VENKATA SIVA MANOJ KUMAR	II ME	P.V. S. Manoj Kumar
60	208T1A0321	PEETLA GANESH	II ME	P. Ganesh
61	208T1A0322	PUNUGOTI VENKATESWARLU	II ME	P. Venkateswarlu
62	208T1A0323	SASUBILLI BHANUTEJA	II ME	S. Bhanuteja
63	208T1A0324	VATAPALLI VENKATA NAGA CHAKRADHAR VARMA	II ME	V.N. Chakradhar Varma
64	208T1A0325	VAZRALA SAI ASWIN REDDY	II ME	V.A. Sai
65	208T1A0326	VENNA VENKATA LAKSHMOJI RAO	II ME	V. Venkata Rao
66	218T5A0301	AVALA RAMU	II ME	A. Ramu
67	218T5A0302	BACHALAKURI MANI SHARMA	II ME	B. Manish
68	218T5A0303	BANAVATHU ANIL NAYAK	II ME	B. Anil
69	218T5A0304	BANDRAVURI VENKATA SIVA NAGA SAI	II ME	B. Sivanaga Sai
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73	218T5A0308	CHINTHAPALLI VARMA	II ME	C. Varma
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76	218T5A0311	GADI NARAYANA RAO	II ME	G. Narayana Rao
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79	218T5A0314	JADA SUBHASH	II ME	J. Subhash
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82	218T5A0317	LOYA BHARAT GANGA SAI YADAV	II ME	L. Sai Yadav
83	218T5A0318	MIRZA NAFASAT ABBAS	II ME	
84	218T5A0319	MOPIDEVI SIDHARDHA	II ME	M. Sidhartha
85	218T5A0320	OMMI YESU	II ME	O. Yesu
86	218T5A0321	PANTHAM PRADEEP KUMAR	II ME	P. Pradeep Kumar
87	218T5A0322	PATAN YOUSAF KHAN	II ME	P. Yousaf Khan
88	218T5A0323	PATNALA VEERA SURYA TEJA	II ME	P. Veera Surya Teja
89	218T5A0324	PEPAKAYALA NAGASAI	II ME	P. Nagasai



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91	218T5A0326	SASUBILLI APPALA NAIDU	IIME	S. Appala Naidu
92	218T5A0327	SHAIK ABDUL VAHID	IIME	Sk. Abdul Wahid
93	218T5A0328	SHAIK EJAJ AHMED	IIME	S.E. Ahmed
94	218T5A0329	TATIPAMULA SRI HARSHA	IIME	T. Sri Harsha
95	218T5A0330	JULAPALLI JATHIN	IIME	J. Jathin
96	218T5A0331	MONDI DURGA VEERA VENKATA MANIKANTA	IIME	M. Manikanta
97	218T1A0301	ANGADALA MAHESH BABU	IIME	A. Mahesh Babu
98	218T1A0302	KUNDERU JHAVERESH	IIME	K. Jhaveresh
99	228T5A0301	AKULA ESWAR JAYANTH KUMAR	IIME	A.E. Jayanth Kumar
100	228T5A0302	ARIGA RANJITH KUMAR	IIME	A. Ranjith Kumar
101	228T5A0303	ARPI CHANDRA SEKHAR	IIME	Arpi Sekhar
102	228T5A0304	CHAKKA SAI KRISHNA	IIME	C. Krishna
103	228T5A0305	CHODISETTI RAJESH	IIME	Ch. Rajesh
104	228T5A0306	GALANKI HEMANTH	IIME	G. Hemanth
105	228T5A0307	GANJALA HEMANTH KUMAR	IIME	G. Hemanth Kumar
106	228T5A0308	KADAGALA VIVEK VARDHAN	IIME	K. Vivek Vardhan
107	228T5A0309	KOTA PRAMOD	IIME	K. Pramod
108	228T5A0310	MANIKONDA BHANUTEJA	IIME	M. Bhanuteja
109	228T5A0311	MATHI PARASURAMAJAH	IIME	M. Parasuramiah
110	228T5A0312	MIRIYALA BHANU PRASAD	IIME	Bhanu Prasad
111	228T5A0313	NAREPALEM PARAMESWAR	IIME	N. Parameswar
112	228T5A0314	NIDUMOLU VINOD BABU	IIME	N. Vinod Babu
113	228T5A0315	NUNNA NARENDRA BABU	IIME	N. Narendra Babu
114	228T5A0316	SHAIK HOUSUF RAHMAN	IIME	SH. Rahman

Co-ordinator



Head of the Department
Mechanical Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
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Department of Mechanical Engineering

Name of the Program: A TWO WEEK CERTIFICATION PROGRAM ON COMPUTATIONAL FLUID DYNAMICS

S. N	Roll No	Name	06-02-2023	07-02-2023	08-02-2023	09-02-2023	10-02-2023	11-02-2023	13-02-2023	14-02-2023	15-02-2023	16-02-2023	17-02-2023	18-02-2023
1	198T1A0301	A Nitish Chandra	P	P	P	P	P	P	P	P	P	P	P	P
2	198T1A0302	Bannarapu Yaswanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P
3	198T1A0303	Battula Sukumar	P	P	P	P	P	P	P	P	P	P	P	P
4	198T1A0304	Bavineni Syam Srinadh	P	P	P	P	P	P	P	P	P	A	P	P
5	198T1A0305	Chalamalasetti Sai Prasad	P	P	P	P	P	P	P	P	P	P	P	P
6	198T1A0306	Chilamkurthi Hema Kanth	P	P	P	P	P	P	P	P	P	P	P	P
7	198T1A0307	Donga Sridhar	P	P	P	P	P	P	P	P	P	P	P	P
8	198T1A0308	Gorantla Yaswanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P
9	198T1A0309	Katuri Andrew Rajendra	P	P	P	P	P	P	P	P	P	P	P	A
10	198T1A0310	Mohammed Jaffar Sadiq	P	P	P	P	P	P	P	P	P	P	P	P
11	198T1A0311	Padala Hari Krishna	P	P	P	P	P	P	P	P	P	P	P	P
12	198T1A0312	Paidi Samba Shiva Rao	P	P	P	P	P	P	P	P	P	P	P	P
13	198T1A0313	Simhadri Venkata Siva Ram Prasad	P	P	P	P	P	P	P	P	P	P	P	P
14	198T1A0314	Syed Habibullah	P	P	P	P	P	P	P	A	P	P	P	P



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34	208T5A0319	Parasa Sai Teja	P	P	P	P	P	P	P	P	P	P	P	P
35	208T5A0320	Pedapudi Rupanand	P	P	P	P	P	P	A	P	P	P	P	P
36	208T5A0321	Pogiri Balakrishna	P	P	P	P	P	P	P	P	P	P	P	P
37	208T5A0322	Shaik Nizamuddin	P	P	P	P	P	P	P	P	P	P	P	P
38	208T5A0323	Tumati Mohan Kumar	P	P	P	P	P	P	P	P	P	P	P	P
39	208T5A0324	Uppala Mohan Chandra	P	P	P	P	P	P	P	P	P	P	P	P
40	208T5A0325	Yelleti Kalyan Chandu	P	P	P	P	A	P	P	P	P	P	P	P
41	208T1A0301	Abdul Vikram	P	P	P	P	P	P	P	P	P	P	P	P
42	208T1A0302	Arepalli Kiran Sai	P	P	P	P	P	P	P	P	P	P	P	P
43	208T1A0303	Batchu Joseph Ratna Kumar	P	P	P	P	P	P	P	P	P	P	P	P
44	208T1A0304	Bheemavarapu Amar Phani Deepu	P	A	P	P	P	P	P	P	P	P	P	P
45	208T1A0305	Bhimavarapu Kumar Reddy	P	P	P	P	P	P	P	P	P	P	P	P
46	208T1A0306	Chalasanani Mohith Sai Ram	P	P	P	P	P	P	P	P	P	A	P	P
47	208T1A0307	Avali Amarnadh Sarma	P	P	P	P	P	P	P	P	P	P	P	P
48	208T1A0308	Chimmili Sasi	P	P	P	P	P	P	A	P	P	P	P	P
49	208T1A0309	Aka Dinesh Reddy	P	P	P	P	P	P	P	P	P	P	P	P
50	208T1A0310	Akkireddy Chennakesava Reddy	P	P	P	P	P	P	P	P	P	P	P	P
51	208T1A0311	Jayanth Kumar Bonthu	P	P	P	P	P	P	P	P	P	P	P	P
52	208T1A0312	Kalla Yashwant	P	P	P	P	P	A	P	P	P	P	P	P



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72	218T5A0307	Chennu Johny	P	P	P	P	P	P	P	P	P	P	P
73	218T5A0308	Chinthapalli Varma	P	P	P	P	P	P	P	A	P	P	
74	218T5A0309	Dirisina Yaswanth	P	P	P	A	P	P	P	P	P	P	
75	218T5A0310	Duppalapudi Srikanth Babu	P	P	P	P	P	P	P	P	P	P	
76	218T5A0311	Gadi Narayana Rao	P	P	P	P	P	P	P	P	P	P	
77	218T5A0312	Gudimetla Teja	P	P	P	P	P	P	P	P	P	P	
78	218T5A0313	Gurrala Maheswara Reddy	P	P	P	P	P	P	P	P	P	A	
79	218T5A0314	Jada Subhash	P	P	P	P	P	P	P	P	P	P	
80	218T5A0315	Jillepalli Sandeep	P	P	P	P	P	P	P	P	P	P	
81	218T5A0316	Koppara Vasantha Rao	P	P	P	P	P	P	P	P	P	P	
82	218T5A0317	Loya Bharat Ganga Sai Yadav	P	P	P	P	P	P	P	P	P	P	
83	218T5A0318	Mirza Nafasat Abbas	P	P	P	P	P	A	P	A	A	P	P
84	218T5A0319	Mopidevi Sidhardha	P	P	P	P	A	P	P	P	P	A	P
85	218T5A0320	Ommi Yesu	P	P	P	P	P	P	P	P	P	P	A
86	218T5A0321	Pantham Pradeep Kumar	P	P	P	P	P	A	P	P	P	P	
87	218T5A0322	Patan Yousaf Khan	P	P	P	P	P	P	P	A	P	P	A
88	218T5A0323	Patnala Veera Surya Teja	P	P	P	A	P	P	A	P	A	P	P
89	218T5A0324	Pepakayala Nagasai	P	A	P	P	P	P	P	P	P	A	P
90	218T5A0325	Reddy Sandeep	P	P	P	P	A	P	P	P	A	P	P
91	218T5A0326	Sasubilli Appala Naidu	A	P	P	P	P	A	P	P	P	A	P



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92	218T5A0327	Shaik Abdul Vaahid	P	P	P	P	P	P	A	P	P	P	P	P
93	218T5A0328	Shaik Ejaj Ahmed	P	P	P	P	P	P	P	P	P	P	P	P
94	218T5A0329	Tatipamula Sri Harsha	P	P	A	P	P	P	P	P	A	P	P	P
95	218T5A0330	Julapalli Jathin	P	P	P	P	P	A	P	P	P	P	P	P
96	218T5A0331	Mondi Durga Veera Venkata Manikanta	P	P	P	A	P	P	P	P	P	A	P	P
97	218T1A0301	Angadala Mahesh Babu	P	P	P	P	P	P	P	A	P	P	P	P
98	218T1A0302	Kunderu Jhaveresh	P	P	A	P	P	A	P	P	P	A	P	A
99	228T5A0301	Akula Eswar Jayanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P
100	228T5A0302	Ariga Ranjith Kumar	A	P	P	P	P	A	P	P	P	P	P	P
101	228T5A0303	Arpi Chandra Sekhar	P	P	P	P	P	P	P	P	P	P	P	P
102	228T5A0304	Chakka Sai Krishna	P	P	P	P	P	P	P	P	P	P	P	P
103	228T5A0305	Chodiseti Rajesh	P	P	P	P	P	P	A	P	P	P	P	P
104	228T5A0306	Galanki Hemanth	P	P	P	P	P	P	P	P	P	P	P	P
105	228T5A0307	Ganjala Hemanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P
106	228T5A0308	Kadagala Vivek Vardhan	A	P	P	P	P	P	P	A	P	P	P	P
107	228T5A0309	Kota Pramod	P	P	P	P	A	P	P	P	P	P	P	A
108	228T5A0310	Manikonda Bhanuteja	P	P	P	P	P	A	P	P	P	P	P	P



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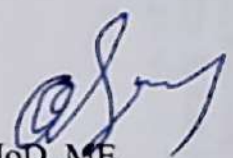
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10 9	228T5A0311	Mathi Parasuramajah	P	P	P	P	P	P	A	P	P	P	P
11 0	228T5A0312	Miriyala Bhanu Prasad	P	P	P	P	P	P	P	P	P	P	P
11 1	228T5A0313	Narepalem Parameswar	P	P	P	P	P	P	P	P	P	P	P
11 2	228T5A0314	Nidumolu Vinod Babu	P	P	P	P	P	P	P	P	P	P	P
11 3	228T5A0315	Nunna Narendra Babu	P	P	P	P	P	P	P	P	P	A	P
11 4	228T5A0316	Shaik Housuf Rahman	P	P	P	P	P	P	P	P	P	P	A.


Co-ordinator




HoD, ME

Head of the Department
Mechanical Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521139



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Department of Mechanical Engineering

22.02.2023

PROGRAM REPORT

Name of the Event : A Two Week Certification program on Computational Fluid Dynamics

Date: 06.02.2023 to 20.02.2023

Resource Persons: 1. Mrs. Dr.A.Kiran Kumar
Professor
Department of ME
Email: Ayyagari3@gmail.com
Contact Number: 98484 43423

Name of the Co-Ordinator: Mr. K. Pavan Kumar

Number of Students Attended : 114

Venue: ME Seminar hall

Objectives:

- Learn fluid flow behaviour under varying conditions of pipe flows, open flows in order to control and measure the velocities and pressures.
- Understand the fundamental concepts related to mass, momentum, energy principles that enables analyze practical situations with mathematical conversions.
- To explore the possibility of various problems related to fluid mechanics whose experiments are complicated and dangerous
- Learn to visualize fluid dynamics in the field of aeronautics and marine engineering
- Perform all steps of a CFD simulation from CAD import to meshing to solution to results within the same single window Ansys Fluent environment.
- Use the Watertight Geometry Meshing Workflow in Ansys Fluent to create high quality CFD Simulation meshes from imported CAD geometry through a succession of intuitive guided workflow tasks.
- Set up and execute CFD simulations in a manner that limits errors associated with numerical CFD simulations.
- Perform increasingly sophisticated simulations involving heat transfer and turbulent flow.



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Learning Outcomes :

- Introduction to Computational Fluid Dynamics and Principles of Conservation
- Continuity Equation, Navier Stokes Equation, Energy Equation
- General Structure of Conservation Equations,
- Classification of Partial Differential Equation
- Approximate Solutions of Differential Equations
- Finite Element Method, Finite Difference and Finite Volume Method,
- Consistency, Stability and Convergence.
- 1-D Steady State Diffusion Problems
- Implementation of boundary conditions

DhaneKula Institute of Engineering and Technology has organized “A Two Week Certification program on Computational Fluid Dynamics” for II,III& IV year B.Tech ME students from 06.02.2023 to 20.02.2023. A total of 114 students were participated in this program.



[Signature]
CO-ORDINATOR



[Signature]
Head of the Department
Mechanical Engineering
**DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY**
Ganguru, Vijayawada-521 139



Department of Mechanical Engineering

Assessment Form

Name of Program: Two Week Certification Program On Computational Fluid Dynamics

Date : 20-02-2023

Time : 30 min

Max Marks : 15 * 1 = 15 M

Reg No: 208T5A0305

Academic Year : 2022-23

Year/Sem : 4 / 2

1. What is the primary purpose of computational fluid dynamics (CFD)? (B)

- A. To design air conditioning systems B. To simulate fluid flow and heat transfer
C. To analyze structural dynamic D. To model electrical circuits

2. Which numerical method is commonly used to discretize partial differential equations in CFD simulations? (B)

- A. Finite Element Method (FEM) B. Finite Difference Method (FDM)
C. Boundary Element Method (BEM) D. Monte Carlo Method

3. What does Reynolds number represent in fluid dynamics? (C)

- A. Fluid density B. Fluid viscosity C. The ratio of inertial forces to viscous force
D. The ratio of pressure forces to gravitational forces

4. Which of the following equations is fundamental in fluid dynamics and often solved in CFD simulations? (B)

- A. Maxwell's equations B. Navier-Stokes equations
C. Schrödinger equation D. Newton's second law of motion

5. Which type of flow is characterized by smooth, orderly layers of fluid moving in parallel? (A)

- A. Laminar flow B. Turbulent flow C. Transitional flow D. Steady flow

6. Which boundary condition is typically used to simulate an impermeable surface in CFD? (C)

- A. Dirichlet boundary condition B. Neumann boundary condition
C. No-slip boundary condition D. Periodic boundary condition

7. Which turbulence model is based on the assumption that the turbulent eddy viscosity is proportional to the local strain rate? (C)

- A. Large Eddy Simulation (LES) B. Reynolds-Averaged Navier-Stokes (RANS)
C. k-ε model D. Direct Numerical Simulation (DNS)

14
15



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8. Which method is used to stabilize numerical solutions in CFD when dealing with advection-dominated problems? (C) ✓

- A. Implicit time integration
- B. Explicit time integration
- C. Upwind differencing
- D. Central differencing

9. What does the CFL (Courant-Friedrichs-Lewy) condition determine in numerical simulations? (A) ✓

- A. The stability of the numerical solution
- B. The convergence rate of the iterative
- C. The accuracy of the finite difference scheme
- D. The boundary conditions

10. Which term represents the resistance of a fluid to flow? (A) ✓

- A. Viscosity
- B. Density
- C. Surface tension
- D. Compressibility

11. What is the main advantage of using structured grids in CFD simulations? (A) ✓

- A. They are easier to generate
- B. They are more accurate for complex geometries
- C. They require less memory and computational resources
- D. They can handle moving boundaries more efficiently

12. Which numerical method is often used to solve the discretized equations in steady-state CFD simulations? (A) ✓

- A. Iterative methods
- B. Direct methods
- C. Finite difference methods
- D. Finite element methods

13. What is the purpose of turbulence modeling in CFD simulations? (C) ✓

- A. To accurately predict fluid flow behavior without turbulence
- B. To simplify complex turbulent flows
- C. To account for the effects of small-scale turbulent fluctuations
- D. To eliminate turbulence from the simulation domain

14. Which type of solver is typically used to solve the pressure-velocity coupling in incompressible flow simulations? (A) ✗

- A. Segregated solver
- B. Coupled solver
- C. Explicit solver
- D. Implicit solver

15. Which term represents the force exerted by a fluid per unit area? (A) ✓

- A. Pressure
- B. Viscosity
- C. Drag
- D. Lift



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C E R T I F I C A T E

OF PARTICIPATION

This certificate is presented to:

Mr. Kollati Gopi

From **DhaneKula Institute of Engineering & Technology**

For participating in the Program of "A Two-Week Certification Program on
COMPUTATIONAL FLUID DYNAMICS" organized by Department of
Mechanical Engineering in From 06/02/2023 to 20/02/2023

PROGRAM CO-ORDINATOR

HOD

PRINCIPAL



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY



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C E R T I F I C A T E

OF PARTICIPATION

This certificate is presented to:

Mr. Padala Hari Krishna

From **Dhanekula Institute of Engineering & Technology**

For participating in the Program of "A Two-Week Certification Program on
COMPUTATIONAL FLUID DYNAMICS" organized by Department of
Mechanical Engineering in From 06/02/2023 to 20/02/2023

PROGRAM CO-ORDINATOR

HOD

PRINCIPAL



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10-02-23
Nagaraju

Date: 10-02-23

CIRCULAR

This is hereby to inform all the III year B.Tech students of ECE, that department of Electronics and Communication Engineering is organizing “A Two-week Certification Program on Python Fundamentals for AI & ML” from 20-02-23 to 04-03-23. Hence all the students are requested to enroll their names on or before 18-02-23.

Venue: ECE Seminar Hall

All hands-on sessions will be conducted at F-52A Lab

Coordinator: Mr. N Nagaraju


Coordinator




HoD, ECE 10/2/23

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139

Objective of Certification Program:

- Learn Python programming, which is essential for data analysis and AI/ML applications
- Understand the statistical concepts underpinning AI and ML
- Master data exploration tools and techniques using Python, including libraries like Pandas and Numpy
- Learn to visualize data Python libraries such as Matplotlib, Seaborn and Plotly

Topics Covered:

- Introduction to Artificial Intelligence & Machine Learning
- Introduction to python, Identifiers, keywords, basic data types
- Indexing and slicing, Iterative control statements
- Transfer control statements
- Data Handling using Pandas
- Handling missing values using Pandas
- Hands on using Google Colab

Registration Details: Free

Last Date for Registration: 18.02.2023

CHIEF PATRONS

Sri. Dhanekula Ravindranath Tagore
Chairman
Sri. Dhanekula Bhavani Prasad
Secretary & Correspondent
Sri. D.R.K. Ravi prasad,
Director

PATRONS

Dr. Ravi Kadiyala,
Principal
Dr R Satya Prasad,
Dean Academics, R&D

Organizing Committee

Convener:

Dr. M.Vamshi Krishna
HoD,
Department of Electronics and
Communication Engineering
Dhanekula institute of Engineering and
Technology, Vijayawada
Email: diet.ecehod@gmail.com
phone:9703818580

Coordinator:

Mr. N Nagaraju
Assistant professor
Department of ECE
Email ID: nagaraj.neela@diet.ac.in
Contact No: 9849121568

A Two Week Certification Program

on

Python Fundamentals for AI & ML

20th February to 4th March 2023



**Organized by Department of
Electronics and Communication
Engineering**

**Dhanekula Institute of Engineering and
Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the College:

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed Internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering

About the Department:

The department of Electronics and Communication Engineering was established in 2009 with an intake of 60 students in the UG program. The intake was enhanced to 180 and the department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories viz. industry sponsored labs, five MoUs and Technology Business Incubator sponsored by MSME. The goal of the department is to develop competent engineers imbibe with the spirit of professionalism and responsible citizen ship. The department conduct research and guidance in the focused areas of digital image & signal processing, Advanced communications, VLSI Design, AI&ML, Embedded & IoT.

Vision:

Pioneering Electronics & Communication Engineering Education & Research to Elevate Rural Community.

Mission:

Imparting professional education endowed with ethics and human values to transform students to be competent and committed electronics engineers

Adopting best pedagogical methods to maximize knowledge transfer

Having adequate mechanisms to enhance understanding of theoretical concepts through practice

Establishing an environment conducive for lifelong learning and entrepreneurship development

To train as effective innovators & deploy new technologies for service of society

REGISTRATION FORM

A Two Week Certification Program

on

*Python Fundamentals for
AI & ML*

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant



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on

Python Fundamentals for AI & ML

(20-02-23 to 04-03-23)

Date	Session-I	Session-II	Session-III
20-02-23 (Monday)	Inauguration	Introduction to Artificial Intelligence & Machine Learning Introduction to python, Identifiers, keywords, basic data types	Hands on
21-02-23 (Tuesday)	Input/Output variables	expressions, operators	Hands on
22-02-23 (Wednesday)	Selection control statements (if, if..else, if..elif..else)	Indexing and slicing, Iterative control statements (while etc.)	Hands on
23-02-23 (Thursday)	Transfer control statements (break, continue)	python strings	Hands on
24-02-23 (Friday)	List, Tuple	Dictionary, Functions	Hands on

25-02-23 (Saturday)	types of arguments, scope of variables	Nested functions, lambda functions	Hands on
27-02-23 (Monday)	Classes and objects	Instance variables, instance methods	Hands on
28-02-23 (Tuesday)	Class variables, class methods	static methods, constructors	Hands on
01-03-23 (Wednesday)	Inheritance, abstract classes	inner classes, exception handling	Hands on
02-03-23 (Thursday)	File handling, serialization	python database connectivity	Hands on
03-03-23 (Friday)	Hands on Session Python packages (Fabricated Data Set Creation)	Data Handling using Pandas (understanding pandas, data frames)	Sample Projects & Case studies
04-03-23 (Saturday)	Handling missing values using Pandas	Valedictory	--


Co-ordinator


HoD, ECE 10/2/23

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139



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Department of Electronics and Communication Engineering

Name of the Program: A Two-Week Certification Program on Python Fundamentals for AI&ML

A.Y.:22-23

Student List

S. No	Roll No	Name	Signature
1	208T1A0401	ABDUL NAFEEZ	A. nafeez
2	208T1A0402	ABDUL SUMAYYA FIRDOUS	A. Sumayya firdous
3	208T1A0403	ADI RAMALAKSHMI	A. Ramalakshmi
4	208T1A0404	AMITHA MANDA	A. Manda
5	208T1A0405	ANAND MOKKAPATI	A. mokka pati
6	208T1A0406	AYESHA SHAIK	A. Shaik
7	208T1A0407	BADARLA DIVYA NAGA AVINASH	B. Divya Avinash
8	208T1A0408	BADITHA VENU	B. Venu
9	208T1A0409	BAVIREDDI SAI MAHI CHARAN	B. S. M. Charan
10	208T1A0411	BOMMANABOYINA SRI HANUMA RUPA	B. Hanuma Rupa
11	208T1A0412	BOPANA SRI VALLI	B. Sri Valli
12	208T1A0413	BYLADUGU NAGESWARA RAO	B. Nageswara Rao
13	208T1A0414	CHANDANAPALLI RISHI	Ch. Rishi
14	208T1A0415	CHATHARAJUPALLI VARSHITHA	Ch. Varshitha
15	208T1A0416	CHEKURI LAKSHMI PRASANNA	C. Lakshmi Prasanna
16	208T1A0417	CHENNUPATI KARTHIK	Ch. Karthik

17	208T1A0418	CHIRUGURI RAJANI	C. Rajani
18	208T1A0420	DAKAMARI SRI DURGA DEVI	Sridurgadevi
19	208T1A0421	DAMERLA SNEHA	D. Sneha
20	208T1A0422	DASARI GOWTHAM BHAGIRADHISWAR	D. G. Bhagirath
21	208T1A0423	DIVYA NERSU	D. Nersu
22	208T1A0424	DUNGALA VINEELA DEVI	D. Vinoladevi
23	208T1A0425	GADDALA SUVARNA RAJU	G. Suvartana Raju
24	208T1A0426	GADIYAPUDI SAI CHANDANA	G. Sai Chandana
25	208T1A0427	GANDIKOTA SAIRAM	G. Sairam
26	208T1A0428	GANUGUPENTA DEEPIKA REDDY	G. Deepika Reddy
27	208T1A0429	GOLLAMUDI SRAVYA	G. S. Sravya
28	208T1A0430	GORANTLA MANI TEJA	G. Mani Teja
29	208T1A0431	GORANTLA SIVA NANDINI	G. Sivalandini
30	208T1A0432	GOTTIPATI SAI ARJUN CHOWDARY	G. Sai Arjun Chowdary
31	208T1A0433	GUDE GAYATHRI	G. Gayathri
32	208T1A0434	INALA NAGA ANUDEEP CHAKRAVARTHY	P. Nagendra
33	208T1A0435	JAKKAM SOWMYA	J. Sowmya
34	208T1A0436	JANYAVULA DIVYA TEJA	J. Divya Teja
35	208T1A0437	JIDUGU GOPI NADH	J. Gop. Nadh
36	208T1A0438	KAGITHA JAYANTH	K. Jayanth
37	208T1A0439	KANCHARLA MANISHA	K. Manu
38	208T1A0440	KANDUBOTHU SAI	K. Sai
39	208T1A0441	KANUMURI JAIRAM	Jai Ram
40	208T1A0442	KARETI UDAYA SREE	Udaya Sree
41	208T1A0443	KARPURAPU BHARGAVI PRASANNA	Bhargavi Prasanna
42	208T1A0444	KATUPILLA GIRI SAI KRISHNA	G. Sai

43	208T1A0445	KODE V DURGA PRASAD	K. V. Durga Prasad
44	208T1A0446	KOLUSU BENARJI	K. Benarji
45	208T1A0447	KOMMURI KARTHIK	K. Karthik
46	208T1A0448	KONATHALA DHAKSHAYANI	K. Dakshayani
47	208T1A0449	KOSURU RENESH BABU	K. Renuesh
48	208T1A0450	KOTU CHIRANJEEVI	K. Bhavani
49	208T1A0451	KOWTHAVARAPU BHAVANI	K. Bhavani
50	208T1A0452	LANKA JAGADEESH	L. Jagadeesh
51	208T1A0453	LASYA MANTRALA	M. Lasya
52	208T1A0454	LELLA SRI RAMA MURTHY	L. Sri Ramamurthy
53	208T1A0455	LOCHANA D	L. Chana D
54	208T1A0456	LOYA SANTHI RAJU	L. Santu Raju
55	208T1A0457	MALLOLA PRASHANTHI	M. Prasanthi
56	208T1A0458	MANDALAPU SRINIVAS	M. Srinivas
57	208T1A0460	PAMARTHI SAI SNEHA	P. Sai Sneha
58	208T1A0461	POTTABATHULA ROHITHA	P. Rohitha
59	208T1A0462	SHAIK JUBHEDHA	Jubhedha
60	208T1A0463	ADUSUMALLI VINEELA	A. Vineela
61	208T1A0464	ALAMURI SHARMILA	A. Sharmila
62	208T1A0465	BORRA PANITHA CHOWDARY	B. Panitha
63	208T1A0466	BOTCHA SANGEETHA	B. Sangeetha
64	208T1A0467	DEVANABOINA PRABHU NIKHIL	D. P. Nikhil
65	208T1A0468	JAKKIREDDY VENKATA ASWITHA REDDY	J. Aswitha Reddy
66	208T1A0469	KOLIPE SANDHYA	K. Sandhya
67	208T1A0470	KOPPISETTY DAKSHAYANI	K. Dakshayani
68	208T1A0471	LALITESH SAI BALU MOPIDEVI	L. Mopidevi

69	208T1A0472	MANIKONDA NEHA	M. Neha
70	208T1A0473	MARAM ANAND REDDY	M. Anand
71	208T1A0474	MATANGI SAI PREETHI	M. Sai Preethi
72	208T1A0475	MATTA MANEESHA	M. Maneesha
73	208T1A0476	MELLEMPUDI LAKSHMI REVATHI	M. Lakshmi Revathi
74	208T1A0477	MERUGUMALA VENKATA SAI KIRAN	M. Sai Kiran
75	208T1A0478	MOHAMMAD KAREENA BEGUM	Md. Kareena Begum
76	208T1A0479	MOHAMMAD RIYAZ BAIG	Md. Riyaz Baig
77	208T1A0480	MUTHYALA SINDHU PAVANI	m. sindhu
78	208T1A0481	MUTTUKURI MANISHA	M. Manisha
79	208T1A0482	NALAGANGU YASASWINI	N. Yasaswini
80	208T1A0483	NALAJALA DILEEP	N. Dileep
81	208T1A0484	NALLAJERU SIVA SANKAR	N. Siva Sankar
82	208T1A0485	NAMBURI UDAY KIRAN	N. Uday Kiran
83	208T1A0486	NANDAM LAKSHMI TIRUMALA SRI VIGNA	N. Sri Vigna
84	208T1A0488	PANDRANGI DEEPIKA	P. Deepika
85	208T1A0489	PAPSETTY DIVYA SRI SARITHA	P. Divya
86	208T1A0490	PEDANATI TAGORE	P. Tagore
87	208T1A0491	PERAM VENKATESWARA REDDY	P. Venkateswara Reddy
88	208T1A0493	PINNI GOPIKRISHNA	P. Gopikrishna
89	208T1A0494	POLAGANI SIVA SAI KONDA	P. Saikonda
90	208T1A0495	POLANA VEERA VENKATA SAI	P. Venkatesai
91	208T1A0496	PONUGUPATI SOWMYA SRI SYAMALA	P. Sowmya
92	208T1A0497	PONUGOTI SAI DEEKSHITH	P. Sai Deekshith
93	208T1A0498	POTHURI VENKAT	P. Venkat
94	208T1A0499	PUPPALA TEJASWI	P. Tejaswi

95	208T1A04A0	RAJULAPATI BHARGAV	R. B. kel.
96	208T1A04A1	RALLAPALLE NAVEEN KUMAR	R. Naveen
97	208T1A04A2	SANAKA SIVA NAGA LAKSHMI	S. Naga Lakshmi
98	208T1A04A3	SANAKA SIVA NAGA RAJU	S. Naga Raju
99	208T1A04A4	SANNAPANENI VINOD	S. Vinod
100	208T1A04A5	SARMA SUNITHA	S. Sunitha
101	208T1A04A6	SEELAM GANESWARI	S. Ganeshwari
102	208T1A04A7	SHAIK ABDUL HANIFA SADIYA	Sk. Abdulhanif
103	208T1A04A8	SHAIK AFREEN ANJU	Sk. Anju
104	208T1A04A9	SHAIK KHAMRULLA BAIG	Sk. Khamrulla Baig
105	208T1A04B0	SHAIK WASEEM AHMAD	Sk. Waseem
106	208T1A04B1	SHAIK YAKOUB VALI	Sk. Yakoub
107	208T1A04B2	SIDDINENI MEGHANA NAIDU	S. Meghana
108	208T1A04B3	THOTA MANASA	T. Manasa
109	208T1A04B4	TIRUPATHI BEULA	T. Beula
110	208T1A04B5	TRIPARNA LEELA GANESH	T. Ganesh
111	208T1A04B6	ULLASA SANDEEP	U. Sandeep
112	208T1A04B7	UNIKELA SIRISHA	U. Sirisha
113	208T1A04B8	UPPU BHAVANI SWAMY	U. Bhavani Swamy
114	208T1A04B9	USHA SRI KAMADI	U. Sri K.
115	208T1A04C0	VANDAMSETTI GOWRI PRASANNA	V. Prasanra
116	208T1A04C1	VEMIREDDY PRIYANKA	V. Priyanka
117	208T1A04C2	VETUKURI GEETHA SRI SRAVANTHI	P. V. Sravanthi
118	208T1A04C3	VINNAKOTA HARI PRAKASH	V. Hari Prakash
119	208T1A04C4	YALAGA DINESH BABU	Y. Dinesh Babu
120	208T1A04C6	YERRAMANENI KALYAN BABU	Y. Kalyan Babu

121	208T1A04C7	ADAPA SAI SANDEEP	A. Sai Sandeep
122	208T1A04C8	AGATA BHAVANI	A. Bhavani
123	208T1A04C9	ALLU MANIDEEP	A. Manideep
124	208T1A04D0	ANNAPUREDDY GAYATHRI	A. Gayathri
125	208T1A04D1	BALA SATYA SIVA NAGENDRA REDDY	B.S. Nagendra Reddy
126	208T1A04D2	BANDARU VENKATA SIVA	B. Venkata Siva
127	208T1A04D3	BELLAPU KEERTHANA	B. Keerthana
128	208T1A04D4	BIJJAM NAGESWARREDDY	B. Nageswar Reddy
129	208T1A04D5	BURLA ANAND MOHAN	B. Anand Mohan
130	208T1A04D6	CHINTAM SIVA NAGESWARA RAO	Ch. Siva Nageswara Rao
131	208T1A04D7	CHINTHAKAYALA DIVYA	Ch. Divya
132	208T1A04D8	CHITYALA VENKATESWAR REDDY	Ch. Venkateswar Reddy
133	208T1A04D9	DOKKU GOPI KRISHINA	D. Gopi Krishna
134	208T1A04E1	DOKKU VEERA SAI SRI	D.V. Sai Sri
135	208T1A04E2	GANGIREDDY SRI HARSHA BALAJI	G. Brijharsha Balaji
136	208T1A04E3	GORIPARTHI SAI SRI PRASANTH	G. SAI SRI PRASANTH
137	208T1A04E4	GUDURU LEELA MANOHAR	G. Leela Manohar
138	208T1A04E5	KACHALLA DURGA PRASANTH	K. Prasanth
139	208T1A04E6	KANCHI BHAVANI	K. Bhavani
140	208T1A04E7	KODAMALA TEJA THARUN	K. Teja Tharun
141	208T1A04E8	KOLLATI SAI	K. Sai
142	208T1A04E9	KOMARAPU ROHIT RAM PRASAD	K. Rohit Ram Prasad
143	208T1A04F0	KOPPARAJU MANICHANDU	K. Manichandu
144	208T1A04F1	KOTERU VEERA NARENDRA KUMAR REDDY	K.V. Narendra Kumar
145	208T1A04F2	KOTTAKOTA SAI KIRAN	K. Saikiran
146	208T1A04F3	MADDALI VENKATA KIREETI	M.V. Kireeti

147	208T1A04F4	MANNEM RITHWIK	M. Rithwik
148	208T1A04F5	MIDDE LAKSHMI MEGHANA	M. L. Meghana
149	208T1A04F6	MIKKILI VIJAY KUMAR	M. Vijay Kumar
150	208T1A04F7	MOHAMMAD HAJI BABU	M. Haji Babu
151	208T1A04F8	MOTUKURI VIVEK	M. Vivek
152	208T1A04F9	NAMBURI SHALEM RAJU	N. SHALEM
153	208T1A04G0	NARASIMHAN DINESH	N. Dinesh
154	208T1A04G1	OGIRALA POOJITHA	O. Poojitha
155	208T1A04G2	PAYYAVULA YASWANTHI CHOWDARY	P. Yaswanthi Chowdary
156	208T1A04G3	PILLI KAVYA SRI	P. Kavya Sri
157	208T1A04G4	PUNAMALLI MOUNIKA	P. Mounika
158	208T1A04G5	SHAIK MASTAN BEE	Sh. Mastan Bee
159	208T1A04G6	SHAIK NAJMA	Sh. Najma
160	208T1A04G7	SIDDABATHULA DUMMU PRAVEEN KUMAR	S. Praveen Kumar
161	208T1A04G8	THADICHETTY DEVI PRASAD	T. Devi Prasad
162	208T1A04G9	TORLIKONDA SAMBASIVARAO	T. Sambasivarao
163	208T1A04H0	VEMULA NAVYA	V. Navya
164	218T5A0401	ABDUL FARHEENA	Ab. Farheena
165	218T5A0402	BEZAWADA UMA SUJATHA	B. Uma Sujatha
166	218T5A0403	CHUNCHULA NAGA SIVAYYA	Ch. Naga Sivayya
167	218T5A0404	GALAM HARI PRASAD	G. Hari Prasad
168	218T5A0405	GOLLAPALLI PRINCY	G. Princy
169	218T5A0406	GULIVINDULA ASHA RANI	G. Asha Rani
170	218T5A0407	KANTAMANENI LEELA SAI	K. Leela Sai
171	218T5A0408	KILARI KANAKA RAJU	K. Kanaka Raju
172	218T5A0409	KONAKALLA PURNA SAI	K. Purna Sai

173	218T5A0410	KOPPULA DHANALAKSHMI	K. Dhana Lakshmi
174	218T5A0411	MUTYALA MOUNIKA	M. Mounika
175	218T5A0412	PAMARTHI PURNA BHAVANI	P. Purnabhavani
176	218T5A0413	PAMULA THAPASWI	P. Tapaswi
177	218T5A0414	PEETHA ADITHYA VENKAT	P. Adithya
178	218T5A0415	PINNINTI SANDHYA	P. Sandhya
179	218T5A0416	SHAIK SALMAN	S.K. Salman
180	218T5A0417	SHAIK WASEEM	S.K. Waseem
181	218T5A0418	SHAIK ZAHEERUDDIN	S.K. Zahidun
182	218T5A0419	SODABATHINA SRIYANKA	S. Sriyanka
183	218T5A0420	TULLIMILLI KISHORE	T. Kishore
184	218T5A0421	TUMMALACHERLA NEHA SRI	T. Neha Sri
185	218T5A0422	VADLAMUDI SIVA KOTAIAH	V. Siva Kotiah
186	218T5A0423	VANAPALLI VIJETHA NAGA SRI	V. Vijetha
187	218T5A0424	VANUKURI CHANDRA SEKHAR	V. Chandrasekar
188	218T5A0425	VEERAMALLU RADHIKA	V. Radhika
189	218T5A0426	TUMMALA JESHMA VAMSIDHAR	T. J. Vamsidhar
190	218T5A0427	KAVULURI SASIDHAR	K. Sasidhar

A
Coordinator

HoD 5/3/23

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Department of Electronics and Communication Engineering

Attendance Sheet

Name of the Program: "A Two-Week Certification Program on Python Fundamentals for AI & ML".

A.Y.:22-23

S. No	Roll No	Name of the Student	20.02.22	21.02.22	22.02.22	23.02.22	24.02.22	25.02.22	27.02.22	28.02.22	01.03.22	02.03.22	03.03.22	04.03.22
1	208T1A0401	ABDUL NAFEEZ	P	P	P	A	P	P	P	P	P	A	P	P
2	208T1A0402	ABDUL SUMAYYA FIRDOUS	P	P	P	P	P	P	P	P	A	P	P	P
3	208T1A0403	ADI RAMALAKSHMI	P	P	A	P	P	P	P	P	P	P	P	P
4	208T1A0404	AMITHA MANDA	P	P	P	P	P	A	P	P	P	P	P	P
5	208T1A0405	ANAND MOKKAPATI	P	P	A	P	P	P	P	P	P	P	P	P
6	208T1A0406	AYESHA SHAIK	P	P	P	P	P	P	P	P	P	P	A	P
7	208T1A0407	BADARLA DIVYA NAGA AVINASH	P	P	P	P	A	P	P	P	P	P	P	P
8	208T1A0408	BADITHA VENU	A	P	P	P	P	P	P	P	P	P	P	P
9	208T1A0409	BAVIREDDI SAI MAHI CHARAN	P	P	P	A	P	P	P	P	P	P	P	P
10	208T1A0411	BOMMANABOYINA SRI HANUMA RUPA	P	A	P	P	P	P	P	P	P	P	P	P
11	208T1A0412	BOPANA SRI VALLI	P	P	P	P	A	P	P	P	P	P	P	P
12	208T1A0413	BYLADUGU NAGESWARA RAO	P	P	P	P	P	P	P	P	P	P	P	A
13	208T1A0414	CHANDANAPALLI RISHI	P	P	P	P	P	P	P	P	P	A	P	P

S. No	Roll No	Name of the Student	20.02.22	21.02.22	22.02.22	23.02.22	24.02.22	25.02.22	27.02.22	28.02.22	01.03.22	02.03.22	03.03.22	04.03.22
189	218T5A0426	TUMMALA JESHMA VAMSIDHAR	P	P	P	P	P	P	P	P	P	P	P	P
190	218T5A0427	KAVULURI SASIDHAR	P	P	P	P	P	P	P	P	P	P	P	P

[Signature]
Co-ordinator



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HoD, ECE 5/3/23

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Department of Electronics and Communication Engineering

05.03.23

PROGRAM REPORT

Name of the Event : A Two Week Certification program on Python Fundamentals for AI & ML

Date : 20.02.23 to 04.03.23

Resource Persons : 1. Mr. N Nagaraju
Assistant professor
Department of ECE
Email: nagaraj.neela@diet.ac.in
Contact Number: 9849121568

2. Dr. M Vinod Kumar
Professor
Department of ECE
Email ID: mvk.diet@gmail.com
Contact No: 9885731830

Name of the Co-Ordinator : Mr. N Nagaraju

Number of Students Attended : 190

Venue : ECE Seminar hall

Objectives :

- To acquire the practical experience in writing and executing Python code for various applications.
- To acquire skills in reading and writing files, understanding different file formats and modes.
- To explore and apply NumPy for numerical operations on arrays and matrices.
- To understand the principles of data visualization and its importance in data analysis.

Learning Outcomes:

- Understand the basic concepts of Artificial Intelligence (AI) and Machine Learning (ML).
- Understanding of identifiers, keywords, and their role in Python.
- Mastery of iterative control statements (for loops and while loops) for efficient code execution.
- Knowledge of transfer control statements (if, else, elif) for decision-making in Python.
- Proficiency in using Pandas library for data manipulation.
- Analyze the impact of missing data on analysis and decision-making.
- Practical experience in using Google Colab for coding exercises and projects

Dhanekula Institute of Engineering and Technology has organized “A Two Week Certification Program on Python Fundamentals for AI & ML” for III year B.Tech ECE students from 20.02.23 to 04.03.23. A total of 190 students have participated in this program.




CO-ORDINATOR


5/3/23
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Department of Electronics and Communication Engineering

Assessment Form

Name of the Addon Program: A two-week Certification Program on Python Fundamentals for AI & ML
A. Y.: 2022-23
Reg No: 208T1A0498
Date: 4-3-2023
Time: 30 minutes
Max. Marks: 20 x 1 = 20M

ANSWER ALL QUESTIONS

17
20

1. Which of the following is the use of id() function in python? (B) ✓
A. Every object doesn't have a unique id B. Id returns the identity of the object C. All of the mentioned D. None of the mentioned
2. All keywords in Python are in (D) ✓
A. UPPER CASE B. LOWER CASE C. CAPITALIZED D. NONE OF THE ABOVE
3. Which one of the following has the highest precedence in the expression? (D) ✓
A. Addition B. Multiplication C. Exponential D. Parentheses
4. Python allows string slicing. What is the output of below code: s='cppbuzzchicago' print(s[3:5]) (C) ✓
A. buzzc B. pbuzz C. bu D. pbu
5. The format function, when applied on a string returns : (D) ✓
A. list B. bool C. int D. str
6. What is the maximum possible length of an identifier? (A) ✗
A. 32 characters B. 63 characters C. 79 characters D. 31 characters
7. Among the given options, which search algorithm requires less memory? (B) ✓
A. Optimal Search B. Depth first search C. Breadth first search D. Linear search
8. Which of the following operators is the correct option for power(ab)? (C) ✓
A. a ab B. a**b C. a^b D. a*b
9. A list can be sorted using: (B) ✓
A. descend() B. sort() C. ascend() D. None of the above
10. What was the name of the very first AI programming language? (A) ✓
A. LISP B. IPL C. FORTRAN D. BASIC
11. Among the following option identify the one which is not a type of learning (C) ✗
A. Semi unsupervised learning B. Supervised learning C. Reinforcement learning D.



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Unsupervised Learning

12. Which of the following machine learning algorithm is based upon the idea of bagging? (B)
A. Decision Tree B. Random Forest C. Classification D. Regression
13. Which of these is the definition for packages in Python? (B)
A. A set of main modules B. A folder of python modules
C. A number of files containing Python definitions and statements making use of Python modules D. A set of programs
14. which library is used for image manipulation tasks? (B)
A. Matplotlib B. SciPy C. Scikit learn D. Theano
15. Amongst which of the following is / are used to analyze the data in pandas. (C)
A. Dataframe B. Series C. Both A and B D. None of the mentioned above
16. Which function is used to create a histogram in Seaborn? (C)
A. sns.lineplot() B. sns.scatterplot() C. sns.histplot() D. sns.barplot()
17. What type of neural network can be built using Theano? (A)
A. Convolutional Neural Networks (CNN) B. Recurrent Neural Networks (RNN)
C. Deep Belief Networks (DBN) D. All of the above
18. NumPy arrays can be _____. (D)
A. Indexed B. Sliced C. Iterated D. All of the mentioned above
19. Which one of the statement is true regarding residuals in regression analysis? (A)
A. Mean of residuals is always zero B. Mean of residuals is always greater than zero
C. Mean of residuals is always less than zero D. There is no such rule for residuals.
20. To test linear relationship of y (dependent) and x (independent) continuous variables, which of the following plot best suited? (A)
A. Scatter plot B. Bar chart C. Histograms D. All of the above



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CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs./Ms B. VENU from

Dhanekula Institute of Engineering & Technology has participated in

**“A Two-week Certification Program on
Python Fundamentals for Artificial Intelligence and Machine Learning”**

Organized by the Department of
Electronics and Communication Engineering during

February 20th – March 4th 2023


Coordinator


HoD


Principal



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A-Y: 2022
ECE

Date: 26-08-2022

CIRCULAR

This is hereby to inform all the II B.Tech students of ECE, that department of Electronics and Communication Engineering is organizing "A Two-week Certification program on VLSI Design using Electronic Design Automation (EDA) Tools" from 05-09-2022 to 17-09-2022. Hence all the students are requested to enroll their names on or before 03-09-2022.

Venue: SIMULATION LAB

Co-Ordinator : Mrs.R.Mahalaxmi M.Tech.,


26/8/22
Co-Ordinator




HOD,ECE 26/8/22

HEAD OF THE DEPARTMENT,
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139

Objective of Certification Program:

- Learn the Fundamentals of Digital Logic Design with Micro wind DSCH EDA Tool
- Simulation of Various Logic circuits
- Understand the Design of Digital Logic circuits
- Designing Layout of Digital Logic Circuits
- Acquire knowledge of Designing of Custom ICs in VLSI Design.

Topics Covered:


- Number Systems & Codes
- Boolean Theorems
- Logic Operations
- Minimization Techniques
- Basic Logic Circuit Implementation
- Combinational Logic Design
- Sequential Logic Design
- Hands-on Sessions using Microwind DSCH EDA Tool.



Registration Details: Free

Last Date for Registration: 03-09-2022

CHIEF PATRONS

 Sri. Dhanekula Ravindranath Tagore
Chairman
Sri. Dhanekula Bhavani Prasad
Secretary & Correspondent
Sri. D.R.K. Ravi prasad,
Director

PATRONS

Dr. Ravi Kadiyala,
Principal
Dr R Satya Prasad,
Dean Academics, R&D

Organizing Committee

Convener:

Dr. M.Vamshi Krishna HoD,
Department of Electronics and Communication
Engineering
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Department of ECE
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Contact No: 9912471212

A Two Week Certification Program
on
“VLSI Design using EDA Tools”

5th September to 17th September 2022



**Organized by Department of
Electronics and Communication
Engineering**

**Dhanekula Institute of Engineering and
Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the College:

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed Internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering

About the Department:

The department of Electronics and Communication Engineering was established in 2009 with an intake of 60 students in the UG program. The intake was enhanced to 180 and the department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories viz. industry sponsored labs, five MoUs and Technology Business Incubator sponsored by MSME. The goal of the department is to develop competent engineers imbibe with the spirit of professionalism and responsible citizen ship. The department conduct research and guidance in the focused areas of digital image & signal processing, Advanced communications, VLSI Design, AI&ML, Embedded & IoT.

Vision:

Pioneering Electronics & Communication Engineering Education & Research to Elevate Rural Community.

Mission:

Imparting professional education endowed with ethics and human values to transform students to be competent and committed electronics engineers

Adopting best pedagogical methods to maximize knowledge transfer
Having adequate mechanisms to enhance understanding of theoretical concepts through practice

Establishing an environment conducive for lifelong learning and entrepreneurship development

To train as effective innovators & deploy new technologies for service of society

REGISTRATION FORM

A Two Week Certification Program

on

“VLSI Design using EDA Tools”

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant



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Department of Electronics and Communication Engineering

A Two-Week Certification program

on

“VLSI Design using Electronic Design Automation (EDA) Tools”

(05-09-2022 to 17-09-2022)

Date	Session-I	Session-II	Session-III
05.09.2022 (Monday)	Inauguration	Introduction & Opportunities in VLSI Design	Number Systems & Codes
06.09.2022 (Tuesday)	Number Systems & Codes	Boolean Theorems Logic Operations	Lab Session using Microwind DSCH
07.09.2022 (Wednesday)	Basic Logic Circuit Implementation	Basic Logic Circuit Implementation	Lab Session using Microwind DSCH
08.09.2022 (Thursday)	Minimization Techniques	Minimization Techniques	Lab Session using Microwind DSCH
09.09.2022 (Friday)	Minimization Techniques	Minimization Techniques	Lab Session using Microwind DSCH
12.09.2022 (Monday)	Combinational Logic Design	Combinational Logic Design	Lab Session using Microwind DSCH
13.09.2022 (Tuesday)	Examples of Combinational Logic Design	Examples of Combinational Logic Design	Lab Session using Microwind DSCH

14.09.2022
(Wednesday)

Sequential LogicDesign

Sequential LogicDesign

Lab Session using Microwind
DSCH

15.09.2022
(Thursday)

Sequential LogicDesign

Sequential LogicDesign

Lab Session using Microwind
DSCH

16.09.2022
(Friday)

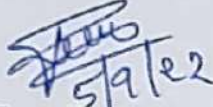
Examples of
SequentialLogicDesign

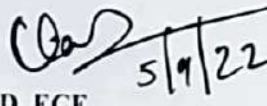
Examples of
SequentialLogicDesign

Lab Session using Microwind
DSCH

17.09.2022
(Saturday)

Practicing Both Combinational and Sequential circuits using Microwind DSCH


Co-ordinator


HoD, ECE
HEAD OF THE DEPARTMENT,
Electronics & Communication Engineering
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Department of Electronics and Communication Engineering

Name of the Program: "A Two-week Certification program on VLSI Design using EDATools"

Student List

A.Y:2022-2023

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1.	218T1A0401	BEZAWADA RAMA LAKSHMI	II ECE	B. Rama Lakshmi
2.	218T1A0402	AIANAPARTHI VAMSI KRISHNA	II ECE	A. Vamsi Krishna
3.	218T1A0403	ANAGANI RAJESWARI	II ECE	A. Rajeswari
4.	218T1A0404	BANDARI ENOSH	II ECE	B. Enosh
5.	218T1A0405	CHAPARALA JESTA VARDHINI	II ECE	Ch. Jesta vardhini
6.	218T1A0406	CHARUGUNDLA MEGHANA	II ECE	Ch. Megha
7.	218T1A0407	UDAYAGIRI HARI NANDINI	II ECE	U. Hari Nandini
8.	218T1A0408	DAMMALAPATI VAMSI	II ECE	D. Vamsi
9.	218T1A0409	DEBARIKI DHANA LAKSHMI	II ECE	D. Dhana
10.	218T1A0410	GADDIPATI NITHIN	II ECE	G. Nithin
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12.	218T1A0412	GALIDEVARA SATYA SRI PAVAN	II ECE	G. S. Pavan
13.	218T1A0413	GOKAVARAPU CHANDU RAM VINOD	II ECE	G. Chandu Ram
14.	218T1A0414	GRANDI AJAY KUMAR	II ECE	G. Ajay Kumar
15.	218T1A0415	GUMPULA SUSANNA	II ECE	G. Susanna
16.	218T1A0416	KAKARLA MOUNIKA	II ECE	K. Mounika
17.	218T1A0417	KAMUJULA CHANDRIKA	II ECE	K. Chandrika
18.	218T1A0418	KANAKAM NAGALAKSHMI	II ECE	K. Nagalakshmi
19.	218T1A0419	KATRAGADDA RAMA SIVA NAGA SAI	II ECE	K. Ramu
20.	218T1A0420	KUMPATI SWARNA LATHA	II ECE	K. Swarna Latha
21.	218T1A0421	MEDISETTI SANJAY	II ECE	M. Sanjay
22.	218T1A0422	MEDISETTI UDAY PAVAN	II ECE	M. Uday Pavan
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24.	218T1A0424	MOHAMMAD ADNAN AYAZ	II ECE	M. Adnan Ayaz



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27.	218T1A0427	NUKAVARAPU MANISHA	II ECE	N.Manisha..
28.	218T1A0428	OLETI SIVA SUBRAHMANYAM	II ECE	O.S.
29.	218T1A0429	PALADUGU DEVI SRI	II ECE	P.Devi Sri
30.	218T1A0430	PATTA ZAHEER NAWAZ	II ECE	P.Zaheer Nawaz
31.	218T1A0431	PEDALANKA NIHARIKA	II ECE	P.Niharika
32.	218T1A0432	POLAM KARTHIK	II ECE	P.Karthik
33.	218T1A0433	POLIMETLA LIKHITHA	II ECE	P.Likhitha
34.	218T1A0434	POTHURI JEEVANA SRI	II ECE	P.Jeevanasri
35.	218T1A0435	PRATHIPAATI SWARUPA	II ECE	P.Swarupa
36.	218T1A0436	PULI DURGA KISHORE	II ECE	P.Durga Kishore
37.	218T1A0437	RAJA AMRUTHA DAS	II ECE	R.Amrutha Das
38.	218T1A0438	RIMMANAPUDI SHANMUKHI	II ECE	R.Shanmukhi
39.	218T1A0439	SHAIK AFREEN	II ECE	S.K.Afreen
40.	218T1A0440	SHAIK BASHEER LAL	II ECE	S.K.Basheer Lal
41.	218T1A0441	SODADASI YASWANTH	II ECE	S.Yaswanth
42.	218T1A0442	TANGISETTI BHUMIKA	II ECE	T.Bhunika
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45.	218T1A0445	V ABHILASH	II ECE	V.ABHILASH
46.	218T1A0446	VEERANALA CHRUIJITH MOULI	II ECE	V.Chrujith Moul
47.	218T1A0447	VEERANKI SOWJANYA	II ECE	V.Sowjanya
48.	218T1A0448	VEMULA VENKATA RAJESWARI	II ECE	V.V.Rajeswari
49.	218T1A0449	YADLA THANMAI	II ECE	Y.Thanmai
50.	218T1A0450	YERRAGORLA KAVYANJALI	II ECE	Y.Kavyanjali
51.	218T1A0451	ADDAGATLA HARI KISHORE KUMAR	II ECE	A.Hari Kishore
52.	218T1A0452	AVANIGADDA BHAIRAVA AVINASH	II ECE	A.Bhairava Avinash
53.	218T1A0453	AVANIGADDA SIVA NAGA MOHANA VASANTH	II ECE	A.S.N.M. Vasanth



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56.	218T1A0456	CHALLA AJAY	II ECE	Ch. Ajay
57.	218T1A0457	CHANDALURI RENU SOWMYA PRIYA	II ECE	Ch. Renu Sowmya Priya
58.	218T1A0458	CHINTAKRINDI BABY LATHA	II ECE	ch. Baby latha
59.	218T1A0459	CHIRIVELLA CHAITANYA KUMAR	II ECE	Ch. Chaitanya Kumar
60.	218T1A0460	DAMA HARIKA	II ECE	D. Harika
61.	218T1A0461	DHARAPU ANAND	II ECE	D. Anand
62.	218T1A0462	ERLA KAVYA	II ECE	E. Kavya
63.	218T1A0463	GUGULOTHU JATHIK LAKSHMAN NAIK	II ECE	G. J. Lakshman Naik
64.	218T1A0464	GUNDABOYINA DURGA PRASAD	II ECE	G. Durga Prasad
65.	218T1A0465	GURRAM NAGA PARVATHI	II ECE	G. Naga Parvathi
66.	218T1A0466	JANJANAM DHARMIK	II ECE	J. Dharmik
67.	218T1A0467	KADIRI KAVYA	II ECE	K. Kavya
68.	218T1A0468	KALE AJAY KRISHNA	II ECE	K. Ajay Krishna
69.	218T1A0469	KAMEPALLI YASWANTH	II ECE	K. Yaswanth
70.	218T1A0470	KANURI KESAVA V V S N MURTHY	II ECE	k. kesava
71.	218T1A0471	KARAMALA GANESHACHARI VISHWANATH	II ECE	K. G. Vishwanath
72.	218T1A0472	KATIKALA SNEHITHA	II ECE	K. Snehitha
73.	218T1A0473	KOLLIPAKA SIVA RAMA KRISHNA	II ECE	K. S. R. K.
74.	218T1A0474	KONANKI VINOD KUMAR	II ECE	K. Vinod Kumar
75.	218T1A0475	KOPANATHI RISHEEKA	II ECE	K. Rishheeka
76.	218T1A0476	KORLAGUNTA TULASI RAM	II ECE	K. Tulasi Ram
77.	218T1A0477	NAGIREDDY MONA SAI	II ECE	N. Monasai
78.	218T1A0478	KURTHIVENTI DEEPTHI	II ECE	K. Deepthi
79.	218T1A0479	LANKAPALLI BHAVYA	II ECE	L. Bhavya
80.	218T1A0480	MALLIPEDDI SOWMIKA	II ECE	M. Sowmika
81.	218T1A0481	MANDLA VENKATA NAGA	II ECE	



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83.	218T1A0483	MATHI VENKATA SUBHASH	II ECE	M. Venkatasubhash
84.	218T1A0484	MOHAMMAD IMRAN	II ECE	md. Imran
85.	218T1A0485	MUNTHA SRAVANTHI	II ECE	M. Sravanthi
86.	218T1A0486	MUTTANAPALLI NAGA SRAVANI	II ECE	m. Naga sravani
87.	218T1A0487	ODIMANI CHANDRA PRAKASH	II ECE	O. Chandraprakash
88.	218T1A0488	PALIKI ROHINI	II ECE	P. Rohini
89.	218T1A0489	PALISETTI JEEVAN KUMAR	II ECE	P. Jeevan Kumar
90.	218T1A0490	PEDDASINGH YASWANTH	II ECE	P. Yaswanth
91.	218T1A0491	PUNNAM VIJAY BHASKAR	II ECE	P. Vijay Bhaskar
92.	218T1A0492	RENATI RAMIREDDY	II ECE	R. Ramireddy
93.	218T1A0493	RESHMA TANVEER	II ECE	Reshma Tanveer
94.	218T1A0494	SHAIK MAHABOOB SUBHANI	II ECE	S. Mahaboob Subhani
95.	218T1A0495	VEERISSETTY SREE DHARMESH SASI KIRAN	II ECE	V. S. Dharmesh Sasi Kiran
96.	218T1A0496	TUMMA DHANA LAKSHMI	II ECE	T. Dhanalakshmi
97.	218T1A0497	VALLABHAPURAPU CHAITANYA	II ECE	V. Chaitanya
98.	218T1A0498	VEERAVALLI LAKSHMI RAJYAM	II ECE	V. Lakshmi Rajyam
99.	218T1A0499	VENNAPUSA SRAVANTHI	II ECE	V. Sravanthi
100.	218T1A04A0	VOOLLA RAM KARTHIK	II ECE	V. Ram Karthik
101.	218T1A04A1	ANUMALASETTI RAJ KUMAR	II ECE	A. Raj Kumar
102.	218T1A04A2	BADUGU NITHISH	II ECE	B. Nithish
103.	218T1A04A3	BANDELA MYTHILI	II ECE	B. Mythili
104.	218T1A04A4	BANDELA SINDHU	II ECE	B. Sindhu
105.	218T1A04A5	CHALLA SIVA MANI	II ECE	C. H. Sivamani
106.	218T1A04A6	CHEGI REDDY RAJINI	II ECE	C. Rajini
107.	218T1A04A7	DHANALA SHRI VENKATA LAKSHMI GANAPATI	II ECE	D. S. V. Lakshmi Ganapati
108.	218T1A04A8	GADIPUDI NAGA NIKHITHA	II ECE	G. Nikhitha
109.	218T1A04A9	GOLLA TIRUPATHIRAO	II ECE	G. Tirupathirao



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110.	218T1A04B0	GUDIVADA VEMA JITHENDRA	II ECE	G.v.jithendra
111.	218T1A04B1	GUDISEVA MANOJ	II ECE	G. Manoj
112.	218T1A04B2	GURINDAPALLI CHANDRA SEKHAR	II ECE	G. chandra sekhar.
113.	218T1A04B3	HAMEEDA AFREEN SHAIK	II ECE	Afreen
114.	218T1A04B4	ILIJAZ BAIG	II ECE	Ilijaz Baig
115.	218T1A04B5	JETTI RAHUL	II ECE	Jetti Rahul
116.	218T1A04B6	KANAGALA BABITHA	II ECE	K. Babitha
117.	218T1A04B7	KANAMPALLI SAI ADARSH	II ECE	K.sai Adarsh
118.	218T1A04B8	KAPPAGANTHULA JYOTHIRMAI BHARGAVI	II ECE	K.Jyothirmai
119.	218T1A04B9	KARNATI PAVANI	II ECE	Pavani
120.	218T1A04C0	KAKULLA ADITHYA	II ECE	K. Aditya.
121.	218T1A04C1	KEERTHIPATI VAMSI KRISHNA	II ECE	Vamsi Krishna.
122.	218T1A04C2	KOMMINI JAYA SRI	II ECE	K. Jayasri
123.	218T1A04C3	KOTAPOTULA NARENDRA RAJU	II ECE	K. Narendra Raju
124.	218T1A04C4	INDLA SRAVANTHI	II ECE	P. Sravanthi
125.	218T1A04C5	KUNDETI MYNA	II ECE	K. Myna
126.	218T1A04C6	MADASU PRABHAS	II ECE	M. Prabhas
127.	218T1A04C7	MOHAMMAD FATHIMA FARJANA	II ECE	Md. fathima farjana
128.	218T1A04C8	MUMMAREDDY RISHITHA	II ECE	M. Rishitha
129.	218T1A04C9	RUKSAR NAAZ	II ECE	Ruksaar
130.	218T1A04D0	NUKALA RAJESH	II ECE	N. Rajesh
131.	218T1A04D1	PARASA GUNA SEKHAR	II ECE	P. Guna sekhar
132.	218T1A04D2	PARSA RAJESH	II ECE	P. Rajesh
133.	218T1A04D3	PERUMALLA VENKATA NAGA LAKSHMI	II ECE	P.V.Naga lakshmi
134.	218T1A04D4	POLIMATLA KALYAN BABU	II ECE	P.kalyan babu.
135.	218T1A04D5	SAILA LAKSHMI NAGA DURGARAO	II ECE	S.nagan
136.	218T1A04D6	SATTI PAVANI	II ECE	S. Pavani
137.	218T1A04D7	SATYALA TEJASWINI	II ECE	S. Tejaswini
138.	218T1A04D8	SHAIK JHALEEL	II ECE	Sk. Jhaleel



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S. No	Roll No	Name of the Student	Year & Branch	Signature
139.	218T1A04D9	SHAIK KHADEER	II ECE	Sl. Khadeer
140.	218T1A04E0	TALLAPUREDDY PRASAMSA	II ECE	T. Prasamsa
141.	218T1A04E1	TATIPARTHI MAHESWARI	II ECE	T. Maheswari
142.	218T1A04E2	TAVVA SRAVYA	II ECE	T. Sravya
143.	218T1A04E3	THALLADA ANUSMITHA	II ECE	T. Anusmitha
144.	218T1A04E4	UDDANTI VAISHNAVI	II ECE	U. Vaishnavi
145.	218T1A04E5	UPPALA SAMBA NARASIMHA NAIDU	II ECE	U. Samba Narasimha Naidu
146.	218T1A04E6	UPPARA NITHIN	II ECE	U. Nithin
147.	218T1A04E7	VANUKURU DHANUSH	II ECE	V. Dhenu
148.	218T1A04E8	YALAMANCHILI TANMAI SABARI	II ECE	Y. Tanmai
149.	218T1A04E9	YARRA MADHU BABU	II ECE	Y. Madhubabu
150.	218T1A04F0	BANDI AVINASH	II ECE	B. Avinash
151.	218T1A04F1	GARLANKA SAMUEL	II ECE	G. Samuel
152.	218T1A04F2	KAKILETI SOMA NAGA SATYA KISHORE	II ECE	K. Soma Naga Satya Kishore
153.	218T1A04F3	KOTHAPALLI NAGA JYOTHI	II ECE	K. Naga Jyothi
154.	218T1A04F4	SANIKOMMU PRAVEEN	II ECE	S. Praveen


Co-ordinator
5/9/22


HOD, ECE
5/9/22

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
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69.	218T1 A0469	KAMEPALLI YASWANTH	P	P	P	P	P	P	P	P	P	P	P
70.	218T1 A0470	KANURI KESAVA V V S N MURTHY	P	P	P	P	P	P	P	P	P	P	P
71.	218T1 A0471	KARAMALA GANESHACHARI VISHWANATH	P	P	P	P	P	P	P	P	A	P	P
72.	218T1 A0472	KATIKALA SNEHITHA	P	P	P	P	P	P	P	P	P	P	P
73.	218T1 A0473	KOLLIPAKA SIVA RAMA KRISHNA	P	P	P	P	P	P	P	P	P	P	P
74.	218T1 A0474	KONANKI VINOD KUMAR	P	P	P	P	P	P	P	P	P	P	P
75.	218T1 A0475	KOPANATHI RISHEEKA	P	P	P	P	P	A	P	P	P	P	P
76.	218T1 A0476	KORLAGUNTA TULASI RAM	P	P	P	P	P	P	P	P	P	P	P
77.	218T1 A0477	NAGIREDDY MONA SAI	P	P	P	P	P	P	P	P	P	P	P
78.	218T1 A0478	KURTHIVENTI DEEPTHI	P	P	P	P	P	P	P	P	P	P	P
79.	218T1 A0479	LANKAPALLI BHAVYA	P	P	P	P	P	P	P	P	P	P	P
80.	218T1 A0480	MALLIPEDDI SOWMIKA	P	P	P	P	P	P	P	P	P	P	P
81.	218T1 A0481	MANDLA VENKATA NAGA PAVAN KALYAN	P	P	P	P	P	P	P	P	P	P	P
82.	218T1 A0482	MATHI SAI SARANYA	P	P	P	A	P	P	P	P	P	P	P



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146.	218T1 A04E6	UPPARA NITHIN	P	P.	P	P.	P	P	P	P	P	P	P
147.	218T1 A04E7	VANUKURU DHANUSH	P	P	P	P	P	P	P	P	P	P	P
148.	218T1 A04E8	YALAMANCHILI TANMAI SABARI	P	P	P	P	P	P	P	P	P	P	P
149.	218T1 A04E9	YARRA MADHU BABU	P	P	P	P	P	P	P	P	P	P	P
150.	218T1 A04F0	BANDI AVINASH	P	P	P	P	P	P	P	P	P	P	P
151.	218T1 A04F1	GARLANKA SAMUEL	P	P	P	P	P	P	P	P	A	P	P
152.	218T1 A04F2	KAKILETI SOMA NAGA SATYA KISHORE	P	P	P	P	P	P	P	P	P	P	P
153.	218T1 A04F3	KOTHAPALLI NAGA JYOTHI	P	P	P	P	P	P	P	P	P	P	P
154.	218T1 A04F4	SANIKOMMU PRAVEEN	P	P	P	P	P	P	P	P	P	P	A


17/9/22
Co-ordinator




17/9/22
HOD, ECE

HEAD OF THE DEPARTMENT,
Electronics & Communication Engineering
DHANEKULA INSTITUTE
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Department of Electronics and Communication Engineering

19.09.2022

PROGRAM REPORT

Name of the Event : A Two-week Certification program on VLSI Design using Electronic Design Automation (EDA) Tools

Date: 05-09-2022 to 17-09-2022

Resource Persons: 1. Mr.S.Chandrasekhar

Email ID: csekhar.savalam@gmail.com

Contact Number: 9440464408

2. Mr.K.Siva Nagendra

Email ID: siva.evergreenec@gmail.com

Contact No: 9014574245

3. Mrs.R.Mahalaxmi

Email ID: mahalaxmi.engg@gmail.com

Contact Number: 9912471212

4. Mr.S.Krishna

Email ID: 15789krishna@gmail.com

Contact Number: 6303252385

Name of the Co-Ordinator: Mrs.R.Mahalaxmi M.Tech.,

Number of Students Attended: 154

Venue: SIMULATION LAB

Objectives:

1. To acquire skills in Fundamentals of Digital Logic Design with Microwind DSCH EDA Tool.
2. To acquire knowledge of Designing of Custom ICs in VLSI Design.

Learning Outcomes:

Upon completing requirements for this course, the student will be able to:

1. Master the 'Fundamentals of Digital Logic Design with Microwind DSCH EDA Tool. and get familiar with the use of VLSI EDA Tools in Research and Academics.
2. Understand the Designing of Custom ICs in VLSI Design.



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DhaneKula Institute of Engineering and Technology has organized “A Two-Week Certification Program on VLSI Design using EDA Tools” for II year B.Tech ECE students from 05-09-2022 to 17-09-2022. A total of 154 students were participated in this program.





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19/9/22
CO-ORDINATOR


19/9/22
HoD,ECE

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139



Department of Electronics and Communication Engineering

Assessment Form

Name of the Addon Program: A Two-Week Certification Program on VLSI Design Using EDA Tools

Roll Number: 218TIA04E9

A.Y.: 2022-23

Date: 17.9.2022

Time: 30 minutes

Max. Marks: 20 x 1 = 20M

ANSWER ALL QUESTIONS

19
20

1. Source and drain in nMOS device are isolated by _____
A. a single diode B. two diodes C. three diodes D. four diodes
2. In depletion mode, source and drain are connected by _____
A. insulating channel B. conducting channel C. Vdd D. Vss
3. What is the condition for non saturated region?
A. $V_{ds} = V_{gs} - V_t$ B. V_{gs} lesser than V_t C. V_{ds} lesser than $V_{gs} - V_t$ D. All of the mentioned
4. In enhancement mode, device is in _____ condition.
A. conducting B. non conducting C. partially conducting D. insulating
5. The photoresist layer is exposed to _____
A. Visible light B. Ultraviolet light C. Infra red light D. LED
6. In CMOS fabrication, nMOS and pMOS are integrated in same substrate.
 A. True B. False
7. P-well is created on _____
A. p substrate B. n substrate C. p & n substrate D. None of the mentioned
8. Stick diagram gives the position of placement of the element
 A. true B. False
9. Which color is used for n-diffusion
A. red B. blue C. green D. yellow
10. Which color is used for polysilicon?
 A. brown B. red C. white D. orange
11. n and p transistors are separated by using _____
A. differentiation B. separation line C. demarcation line D. black line
12. Design rules are geometrical constraints on
a) stick diagram b) Layout c) circuit d) program
13. Circuit extractor extracts
a) Component b) wire c) (a) & (b) d) Nothing



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14. In which gates operation is independent of stored charge

- a) Dynamic b) static c) Complementary d) all

15. If pullup network consist of series connected nFETs, the gate is

- a) NAND b) NOR c) NOT d) None

16. The overall delay of nMOS inverter pair is?

- A. 4τ B. τ C. 5τ D. 2τ

17. The ratio of rise time to fall time can be equated to _____

- A. β_n/β_p B. β_p/β_n C. $\beta_p*\beta_n$ D. $\beta_p/2\beta_n$

18. Which quantity is slower??

- A. rise time B. fall time C. all of the mentioned D. none of the mentioned

19. Both NAND and NOR gates can be used in gate logic.

- A. true B. false

20. In basic inverter circuit _____ is connected to ground.

- A. source B. gates C. drain D. resistance




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Certificate of Participation

This is to certify that

Mr./Mrs./Ms GALBOYINA BHAVANA from
Dhanekula Institute of Engineering & Technology has participated in
“A Two-week Certification Program on
VLSI Design Using Electronic Design Automation (EDA) Tools”
Organized by the Department of
Electronics and Communication Engineering from
05.09.2022 to 17.09.2022


Coordinator


HoD


Principal



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms PULI DURGA KISHORE from

DhaneKula Institute of Engineering & Technology has participated in

“A Two-week Certification Program on

VLSI Design Using Electronic Design Automation (EDA) Tools”


Organized by the Department of

Electronics and Communication Engineering from

05.09.2022 to 17.09.2022


Coordinator


HoD


Principal



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Handwritten notes on a yellow sticky note: "25" in a circle, "2022", and "10/8/22".

Date: 24-08-22

CIRCULAR

This is hereby to inform all the IV year B. Tech students of ECE, that department of Electronics and Communication Engineering is organizing "A Two-week certification program on IoT and Applications" from 05-09-22 to 17-09-22. Hence all the students are requested to enroll their names on or before 03-09-22.

Venue : ECE Seminar Hall

Coordinator: Mr. Abdul Aziz

Handwritten signature
Coordinator



Handwritten signature
24/8/22

HoD, ECE
HEAD OF THE DEPARTMENT,
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139

Objective of Certification Program:

- To study the fundamentals about IoT
- To study about IoT Access technologies
- To study the design methodology and different IoT hardware platforms.
- To study the basics of IoT Data Analytics and supporting services.
- To study about various IoT case studies and industrial applications.

Topics Covered:

- Internet of Things
- Basics & Terminology
- Design of a Communication Network with WiFi
- Wireless Communication using WiFi
- Sending Automated E-Mails
- Arduino Uno - Architecture, Programming & Trouble-shooting
- ESP8266 - Concepts, Architecture & Applications
- Electronics
- Building IOT based Applications – Design and Implementation
 - Smart Irrigation System
 - Smart Water Monitoring System
 - Smart Building Systems
 - Automatic Street Lighting System

Registration Details: Free

Last Date for Registration: 03.09.22

CHIEF PATRONS

Sri. Dhanekula Ravindranath Tagore
Chairman
Sri. Dhanekula Bhavani Prasad
Secretary & Correspondent
Sri. D.R.K. Ravi prasad,
Director

PATRONS

Dr. Ravi Kadiyala,
Principal
Dr R Satya Prasad,
Dean Academics, R&D

Organizing Committee

Convener:

Dr. M.Vamshi Krishna
HoD,
Department of Electronics and
Communication Engineering
Dhanekula institute of Engineering and
Technology, Vijayawada
Email: diet.ecehod@gmail.com
Contact Number: 9703818580

Coordinator:

Mr. Mohammed Abdul Aziz
Assistant Professor,
Email Id:- abdulpract@gmail.com
Contact No:- 863956077

A Two-Week Certification Program

on

IoT and Its Applications

5th September to 17th September 2022



**Organized by Department of
Electronics and Communication
Engineering**

**Dhanekula Institute of Engineering
and Technology**

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the College:

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed Internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering

About the Department:

The department of Electronics and Communication Engineering was established in 2009 with an intake of 60 students in the UG program. The intake was enhanced to 180 and the department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories viz. industry sponsored labs, five MoUs and Technology Business Incubator sponsored by MSME. The goal of the department is to develop competent engineers imbibe with the spirit of professionalism and responsible citizen ship. The department conduct research and guidance in the focused areas of digital image & signal processing, Advanced communications, VLSI Design, AI&ML, Embedded & IoT.

Vision:

Pioneering Electronics & Communication Engineering Education & Research to Elevate Rural Community.

Mission:

Imparting professional education endowed with ethics and human values to transform students to be competent and committed electronics engineers

Adopting best pedagogical methods to maximize knowledge transfer

Having adequate mechanisms to enhance understanding of theoretical concepts through practice

Establishing an environment conducive for lifelong learning and entrepreneurship development

To train as effective innovators & deploy new technologies for service of society

REGISTRATION FORM

A Two-week certification program on IoT and Its Applications

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Electronics and Communication Engineering

A Two-Week Certification Program

on

IoT and Its Applications

(05-09-22 to 17-09-22)

Date	Session-I	Session-II	Session-III
05-09-22 (Monday)	Introduction to IOT and applications	Introduction to sensors and applications	Hands on
06-09-22 (Tuesday)	Introduction to Arduino	Working with thinker cad	Hands on
07-09-22 (Wednesday)	Arduino for home automation using thinker cad	Arduino for societal application using thinker cad	Hands on
08-09-22 (Thursday)	Arduino for agricultural purpose using thinker cad	Arduino IDE Interfacing of Arduino	Hands on
09-09-22 (Friday)	Introduction to Node MCU	Working with Node MCU	Hands on

12-09-22 (Monday)	sending data to the cloud using Thing speak	Some applications using Node MCU	Hands on
13-09-22 (Tuesday)	Introduction to Bluetooth Module (HC-05)	Bluetooth Controlled Wireless Notice Board	Hands on
14-09-22 (Wednesday)	Arduino / ESP8266 based Radar System	Interfacing Electronic Digital (I/O) Hardware peripherals	Hands on
15-09-22 (Thursday)	Communication between Arduino UNO and Bluetooth Module (HC-05)	IOT based Dumpster Monitoring system	Hands on
16-09-22 (Friday)	Setting up Thing speak / Blynk and uploading data to Cloud	Local WiFi setup for smart IoT devices.	Sample Projects & Case studies
17-09-22 (Saturday)	IOT based Motion detector using IFTTT	Valedictory	--

nsd gubla
Co-Ordinator

Claw
24/8/22
HoD, ECE
HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 133



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Department of Electronics and Communication Engineering

Name of the Program: "A Two-week certification program on IoT and Its Applications" A.Y. 22-23

S.No	Roll No	Name of the Student	Signature
1	198T1A0402	ADAPA MEGHANA KRISHNA SAI SUMITRA	A. Meghana Krishna Sai Sumitra.
2	198T1A0404	ADURI VINEETHA	Aduri Vineetha
3	198T1A0405	AKOJU YASWANTH	A. yaswanth
4	198T1A0406	AKULA VENKATA SATISH	A. Venkata Satish.
5	198T1A0407	AMBATI CHAITANYA	A. Chaitanya
6	198T1A0408	ANNAVARAPU GOPINANDU	A. GOPINANDU
7	198T1A0409	AVANIGADDA SURYA VARMA	A. Surya Varma
8	198T1A0410	BANDI NANDINI	B. Nandini
9	198T1A0411	BANDLA MOHAN RAVI TEJA	B. Mohan Ravi Teja
10	198T1A0412	BANDLA SAI PAVAN	B. Sai Pavan.
11	198T1A0413	BANDLAMUDI BHAGAVAN HEMANADH	B. Bhagavan Hemanadh
12	198T1A0414	BANDREDDI VENKATA KALYAN	B.V. Kalyan
13	198T1A0415	BATHULA PAVAN KALYAN REDDY	B PAVAN KALYAN
14	198T1A0416	BHAVANA REDDY SYKAM	S. Bhabana

S.No	Roll No	Name of the Student	Signature
15	198T1A0417	BOCHU MANOJ KUMAR	B. Manoj Kumar
16	198T1A0418	BOLLAREDDY SRAVYA	B. Sravya
17	198T1A0419	BOLLINA REVANTH ESWAR	B. R Eswar
18	198T1A0420	BOLLU NIKHIL	B. Nikhil
19	198T1A0421	BOREDDY SURENDRA	B. Surendra
20	198T1A0422	CHAGANTI LEELA VENKATA SIVA RAMA KRISHNA	Ch. L. V. Siva RAM
21	198T1A0423	CHAGARLAMUDI NAGA NITISH ITISH	Ch. Naga Nitishitsh
22	198T1A0424	CHAKKA LEELA VASAVI	Ch. Leela Vasavi
23	198T1A0425	CHALASANI MALINI	Ch. Malini
24	198T1A0426	CHANDANA MOHIT SYAM SAI	Ch. Mohit Sham sai
25	198T1A0427	CHIMATA LAKSHMI PRASANNA	Ch. Prasanna
26	198T1A0428	CHIMMILI DURGA PRASAD	CH. Durga prasad
27	198T1A0429	CHINTAPALLI GAYATHRI	Ch. Gayathri
28	198T1A0430	CHIRUMAMILLA SAI KRISHNA	CH. Sai Krishna.
29	198T1A0431	CHUKKA VENKATA KIRAN	Ch. Venkata kiran.
30	198T1A0432	DEVI DINESH PRATHI	P. Dewi Dinesh
31	198T1A0433	DHANIREDDY GOPI CHAND REDDY	D. Gopi Chand Reddy.
32	198T1A0434	DHULIPALLA C K VEERANJANEYULU	D. CK Veeranjaneyulu.
33	198T1A0435	DIRISHALA GNANA PRADEEP KUMAR	D. Pratdeep Kumar

S.No	Roll No	Name of the Student	Signature
34	198T1A0436	DIVI TULASI RANI	D. Tulasi Rani
35	198T1A0437	DOWLATH SHAHEEN	D. Shaheen.
36	198T1A0439	GANTA KEERTHI CHARAN	G. Keerthi charan
37	198T1A0440	GARAPATI SAI LINESHA	G. Sai Linesha.
38	198T1A0441	GORLA LOKESH	G. Lokesh
39	198T1A0442	GUNDEBOINA VENKATA SANDHYA	G. Venkata Sandhya.
40	198T1A0443	GUNDRATHI SRIRAM	G. Sri Ram G. Sri Ram
41	198T1A0444	GURINDAGUNTA SAI KRISHNA	G. Sai Krishna
42	198T1A0445	JALLA LAKSHMI DURGA	J. Lakshmi Durga.
43	198T1A0446	JALLA SIVA SANKAR	J. Siva Sankar
44	198T1A0447	JAMPANA LIKHITA	J. Likhita
45	198T1A0448	JANGA PRIYANKA	J. Priyanka
46	198T1A0449	JANYAVULA POORNA CHANDRIKA	J.P. Chandrika
47	198T1A0450	JASTI BHAVYA SRI	J. Bhavya Sri
48	198T1A0451	JASTI KEERTHI	J. Keerthi.
49	198T1A0452	JASTI SRI LAKSHMI	J. Sri Lakshmi
50	198T1A0453	JASTI VAMSI VARDHAN	J. Vamsi Vardhan
51	198T1A0454	KAKUMANI RAJA MOHAN REDDY	K. Rajamohan Reddy.
52	198T1A0455	KALAPALA MALLIKA	K. Mallika
53	198T1A0456	KALLAM TEJASWINI	K. Tejaswini
54	198T1A0457	KAMMILI ANUSRI	K. Anusri.
55	198T1A0458	KANAJAM BALAJI PUJITHA	K. Balaji Pujitha

S.No	Roll No	Name of the Student	Signature
56	198T1A0459	KANUKOLLU SRI KRISHNA CHAITANYA	K. Srikrishna Chaitan
57	198T1A0460	KASU SUPRIYA	K. Supriya
58	198T1A0461	KATTEDA LIKITHA	K. Likitha .
59	198T1A0462	KONERU SAI SREE	K. Sai Sree
60	198T1A0463	MOHAMMAD AFRINJAHA	MD. Afrinjaha
61	198T1A0464	SUDABHATTULA DIVYA PRASANTHI	S. Divya Prasanthi
62	198T1A0465	KATUTI DEVA SREE DATTU	K.D Sree Dattu.
63	198T1A0466	KANNAMALA RAMYA	K. Ramya
64	198T1A0467	KOLUSU SRUJANA	K. Soujana .
65	198T1A0468	KOMMINI LAKSHMI PRIYA	K. lakshmi Priya
66	198T1A0470	KONDETI VENKATA TEJASWAR NAIDU	K.V. Tejaswar Naidu .
67	198T1A0471	KONTHAM AJAY	K. Ajay
68	198T1A0472	KOPPAKA LOKA VENKATA CHARAN	K.L.V charan
69	198T1A0473	KORE DHANUSH	K. DHanush
70	198T1A0474	KOTARU GREESHMA	K. Greeshma
71	198T1A0476	KOTTAPALLI SAI SUSHMA	K. Sai Sushma
72	198T1A0477	LAAM JANA PRIYA	L. Janapriya
73	198T1A0478	LAM SUVARNA RAKESH	L. suvarna Rakesh
74	198T1A0479	MADASU SAI RAM	M. Sai Ram
75	198T1A0480	MADINENI VENGAIAH CHOWDARY	M. vengaiah .
76	198T1A0481	MADIVADA DHARMA TEJA ASHOK	M. Phasma Teja Ashok

S.No	Roll No	Name of the Student	Signature
77	198T1A0482	MADU CHETHANA	M. chethana
78	198T1A0483	MAMIDELA VIJAY	M. vijay
79	198T1A0484	MANGAM BHARGAVI	M. Bhargavi
80	198T1A0485	MATTA KAVYA	M. kavya
81	198T1A0486	MATTEPU MADHAN KUMAR	m. madhan kumar
82	198T1A0487	MEENIGA SRIKANTH REDDY	M. srikanth Reddy
83	198T1A0488	MIRAMPALLI HARSHA SRI	M. Harshasri
84	198T1A0493	MORLA DEVENDRA GOWD	M. Devendra gowd
85	198T1A0495	MUNTHA TEJA MADHU SAI SANKAR	M. TMS sankar .
86	198T1A0496	MUPPARAJU HANEESHA	M. Haneesha.
87	198T1A0497	MURARI JHANSI LAKSHMI	M. Jhansi Lakshmi
88	198T1A0498	MYGAPULA NAGESWARARAO	M. Nageswar rao
89	198T1A0499	NALANAGULA DAKSHAYANI	N. Dakshayani
90	198T1A04A0	NARAGAM THANMAI	N. THANMAI
91	198T1A04A1	NAVEEN KUMAR REDDY PULICHARLA	P. Naveen Kumar Reddy.
92	198T1A04A2	NEKKALAPU LIKHITHA	N. Likhitha
93	198T1A04A3	NERELLA VENKATA SAI SAMYUKTHA	N. V. Samyuktha.
94	198T1A04A5	PADAMATA VENKATA NARASIMHA	P. V. Narasimha
95	198T1A04A6	PADIMARRI MANISHA	P. Manisha
96	198T1A04A7	PALLA MOKSHA SREE	P. Moksha sree

S.No	Roll No	Name of the Student	Signature
97	198T1A04A8	PAPINENI PRAVEEN	P. Praveen
98	198T1A04A9	PASAM VAMSI	P. Vamsi
99	198T1A04B0	PASUMARTHI AASHITHA	P. Aashitha
100	198T1A04B2	PENTAPATI RARAJU	P. Raraju
101	198T1A04B3	PERALA SUMALATHA	P. Sumalatha
102	198T1A04B4	PERAM VENKATAPAVAN	P. Venkata Pavan
103	198T1A04B5	PERUMALLAPALLI INDIRA	P. Indira
104	198T1A04B6	PINNEPALLI ANIL	P. Anil
105	198T1A04B7	PONIGATI PRATHYUSHA	P. Prathyusha
106	198T1A04B8	POTTURI HARSHITA	P. Harshita
107	198T1A04B9	PULAGAM ANUSHA	P. Anusha
108	198T1A04C0	PUTHUMBAKA SUSHMA	P. SUSHMA
109	198T1A04C1	PUTTI MOUNIKA	P. Mounika
110	198T1A04C3	RAYAPUDI NAGA GANESH MANIKANTA	R. N. Ganesh manikanta
111	198T1A04C4	SALI HARINI	B. HARINI
112	198T1A04C5	SHAIK LAKHIL GOUSE	Sk. lakhil Gouse
113	198T1A04C6	SHAIK NAZIA TABASSUM	S.K. Nazfa Tabassum
114	198T1A04C7	VALLURI TEJA SAI	V. Teja sai
115	198T1A04C8	VANAM SWATHI RUSHITHA	V. Swathi Rushitha
116	198T1A04C9	CHERUKURI SAI VAMSI	Ch. Sai vamsi
117	198T1A04D0	APPIKATLA RENUKA	A. Renuka
118	198T1A04D1	CHAKRADHAR VANUKURU	V. Chakradhar
119	198T1A04D2	GAJJI ESHWAR	G. Eshwar
120	198T1A04D3	KHAMREEN BEGUM	K. Begum

S.No	Roll No	Name of the Student	Signature
121	198T1A04D4	KUMMARIPALLI VENKATA HEMANTH	k.v. Hemanth
122	198T1A04D5	MATLAPUDI HARSHINI SRI SUSHMA SAI	M. H. Sushma Sai
123	198T1A04D6	MORABOINA ANIL KUMAR	M. Anil Kumar.
124	198T1A04D7	OGIRALA MANI KEERTHI	O. Mani Keerthi
125	198T1A04D8	PATHURI VEERA PAVAN KUMAR	P. Pavan Kumar
126	198T1A04D9	PRODDUTURI SRINITHYA	P. Srinithya.
127	198T1A04E0	PUVVULA HARI CHANDANA	P. Hari Chandana,
128	198T1A04E1	SACHIN JHA	SACHIN JHA
129	198T1A04E2	SAI MADHAV PAMULAPATI	P. Sai Madhav
130	198T1A04E3	SANAKA DIVYA SRI	S. Divya Sri
131	198T1A04E4	SANKARASETTY VENKATA SAI LAKSHMI	s.v sai Lakshmi
132	198T1A04E5	SASUBILLI LEELA DURGA PRASAD	S.L. Durga Prasad
133	198T1A04E6	SESHAM PAVAN KUMAR	S. Pavan Kumar
134	198T1A04E7	SODISETTI LIKHITHA	S. Likhitha.
135	198T1A04E8	TANNEEDI SAI JAGADISH	T. Sai Jagadish
136	198T1A04E9	TELLAMEKALA ANJANEYULU	T. ANJANEYULU
137	198T1A04F0	THATHA NAVYA SRI	T. NAVYA SRI
138	198T1A04F1	THOTA VENU MADHAV	T. VENU MADHAV
139	198T1A04F2	THOTAKURA HARSHITHA	T. HARSHITHA
140	198T1A04F3	TUMMALA JITENDAR PRUDHVI	T. jitendra prudhvi

S.No	Roll No	Name of the Student	Signature
141	198T1A04F5	UNNAM MYDHILI	U. MYdili
142	198T1A04F6	VAKA MANIKANTA REDDY	V. Manikanta Reddy
143	198T1A04F7	VALLURU ANJANA PRIYA	V. ANJANA PRIYA
144	198T1A04F8	VANAKURI GNANA SAI SUDHA	V. Gn. Sai Sudha
145	198T1A04F9	VANGALLA RAMA GOPI	v. Rama Gopi
146	198T1A04G0	VANUKURU MOUNIKA	V. MOUNIKA
147	198T1A04G1	VEERLA NARENDRA	V. NARENDRA
148	198T1A04G2	VEERLA SUBHASH	v. subhash
149	198T1A04G3	VEMAVARAPU BHARGAVI	V. BHARGAVI
150	198T1A04G4	VEMULA BHANU SRI	V. BHANU SRI
151	198T1A04G5	VENNA HEMANTH	V. HEMANTH
152	198T1A04G6	VINAYAK SANJAY DURGE	V. Sanjay Durgie
153	198T1A04G7	VISWANADHAPALLI LIKHITHA	V. Likhitha
154	198T1A04G8	VYSYARAJU SIVA SAI	V. sivasai
155	198T1A04G9	YADLAPALLI YAMINI	Y. Yamini
156	198T1A04H0	YALAGALI GOPI	Y. GOPI
157	198T1A04H1	YANAMADALA GEETHIKA NAGA SINDHU	Y. NAGA SINDHU
158	198T1A04H2	YATHAM SIVAREDDY	Y. Siva Reddy
159	198T1A04H3	YERRAMSETTI RAVI TEJA	V. Ravi teja
160	198T1A04H5	SAMMETA CHAKRA TEJA	S. Chakra teja.
161	208T5A0401	BANDELA A K VENKATESH	B. Venkatesh
162	208T5A0402	DAVALA MOHAN MANIKANTA	D. Manikanta

S.No	Roll No	Name of the Student	Signature
163	208T5A0403	GONA.LILLY GRACE	GONA Lilly grace
164	208T5A0404	GUDISE DENSI	G. Densi
165	208T5A0405	KAKI SRI TEJA	K. Sri teja
166	208T5A0406	KANDULA VEERA VENKATA NAGA SIVA KUMAR	K. Venkata naga siva kumar
167	208T5A0407	KANUKOLLU LALITHA	K. LALITHA
168	208T5A0408	KATURI SUNIL	K. Sunil
169	208T5A0409	NADENDLA CHAITANYA	M. Chaitanya
170	208T5A0410	NEELAPU VENKATA GOVIND	N. Venkata Govind
171	208T5A0411	POTLAPALLI BHAGYA SRI	P. Bhagyasri
172	208T5A0412	RAJULAPATI NAGA PHANEENDRA	R. Naga Phaneendra
173	208T5A0413	SHAIK AZEEMA BANO	Sk. Azeema Bano
174	208T5A0414	SHAIK MUHAMMAD NAFISA	SK Muhammad Wafisa
175	208T5A0415	GOWTHAMI TUMMALACHARLA	T. Gowthami
176	208T5A0416	TIRIVIDHULA RAM MOHAN RAO	T. Mohan Rao
177	208T5A0417	VEERABALLI SAI KUMAR REDDY	V. SAI KUMAR REDDY
178	208T5A0418	VUNDI GESHMA BHUMIKA VARMA	V. G. Bhumika Varma.
179	208T5A0419	YAGATI DURGA PRASAD	Y. Durga prasad
180	208T5A0420	YALAMANCHILIPRATHIMA	Y. Prathima
181	208T5A0421	YARRA DEVI NAGA DURGA SATHVIKA	Y. D. N. D Sathvika.

S.No	Roll No	Name of the Student	Signature
182	208T5A0422	ISLAVATH LEELA VENKATA DURGA PRASAD NAIK	I.L.V.D Prasad Naik
183	208T5A0423	ALLA CHAITANYA KRISHNA	A:KRISHNA
184	208T5A0424	CHALASANI LAKSHMI NARAYANA MANIKANTA	C.H.L.N. MANIKANTA

mj 18/9/22
Co-ordinator



Class
18/9/22
HoD, ECE

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 133

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
27	198T1A04 29	CHINTAPALLI GAYATHRI	P	P	P	P	P	P	P	P	P	P	A
28	198T1A04 30	CHIRUMAMILLA SAI KRISHNA	A	P	P	P	P	P	P	P	P	P	P
29	198T1A04 31	CHUKKA VENKATA KIRAN	P	P	P	P	P	P	P	P	A	P	P
30	198T1A04 32	DEVI DINESH PRATHI	P	P	P	P	P	P	A	P	P	P	P
31	198T1A04 33	DHANIREDDY GOPI CHAND REDDY	P	P	P	P	P	P	P	P	P	A	P
32	198T1A04 34	DHULIPALLA C K VEERANJANEYULU	P	P	P	P	P	P	P	A	P	P	P
33	198T1A04 35	DIRISHALA GNANA PRADEEP KUMAR	P	P	P	P	A	P	P	P	P	P	P
34	198T1A04 36	DIVI TULASI RANI	P	P	A	P	P	P	P	P	P	P	P
35	198T1A04 37	DOWLATH SHAHEEN	P	P	P	A	P	P	P	P	P	P	P
36	198T1A04 39	GANTA KEERTHI CHARAN	P	P	P	P	P	A	P	P	P	P	P
37	198T1A04 40	GARAPATI SAI LINESHA	P	P	P	P	P	P	P	A	P	P	P

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
59	198T1A04 62	KONERU SAI SREE	P	P	P	P	P	A	P	P	P	P	P
60	198T1A04 63	MOHAMMAD AFRINJAHA	A	P	P	P	P	P	P	P	P	P	P
61	198T1A04 64	SUDABHATTULA DIVYA PRASANTHI	P	P	P	P	A	P	P	P	P	P	P
62	198T1A04 65	KATUTI DEVA SREE DATTU	P	P	P	P	P	P	P	P	P	P	A
63	198T1A04 66	KANNAMALA RAMYA	P	P	P	P	P	P	A	P	P	P	P
64	198T1A04 67	KOLUSU SRUJANA	P	P	A	A	P	P	P	P	P	P	P
65	198T1A04 68	KOMMINI LAKSHMI PRIYA	P	P	P	P	P	P	P	A	P	P	P
66	198T1A04 70	KONDETI VENKATA TEJASWAR NAIDU	P	P	P	P	P	P	P	P	P	A	P
67	198T1A04 71	KONTHAM AJAY	P	P	P	P	P	P	P	P	A	P	P
68	198T1A04 72	KOPPAKA LOKA VENKATA CHARAN	P	A	P	P	P	P	P	P	P	P	P
69	198T1A04 73	KORE DHANUSH	P	P	P	P	A	P	P	P	P	P	P

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
80	198T1A04 85	MATTA KAVYA	P	P	A	P	P	P	P	P	P	P	P
81	198T1A04 86	MATTEPU MADHAN KUMAR	P	P	P	P	P	P	P	P	P	P	P
82	198T1A04 87	MEENIGA SRIKANTH REDDY	P	P	P	A	P	P	P	P	P	P	P
83	198T1A04 88	MIRAMPALLI HARSHA SRI	P	P	P	P	P	A	P	P	P	P	P
84	198T1A04 93	MORLA DEVENDRA GOWD	P	P	P	P	P	P	P	P	P	P	A
85	198T1A04 95	MUNTHA TEJA MADHU SAI SANKAR	A	P	P	P	P	P	P	P	P	P	P
86	198T1A04 96	MUPPARAJU HANEESHA	P	P	P	P	P	P	A	P	P	P	P
87	198T1A04 97	MURARI JHANSI LAKSHMI	P	P	P	P	P	P	P	P	A	P	P
88	198T1A04 98	MYGAPULA NAGESWARARAO	P	P	P	P	P	P	P	P	P	A	P
89	198T1A04 99	NALANAGULA DAKSHAYANI	P	P	P	P	A	P	P	P	P	P	P
90	198T1A04 A0	NARAGAM THANMAI	P	P	P	P	P	P	P	A	P	P	P

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
111	198T1A04 C4	SALI HARINI	P	P	P	P	P	P	P	P	P	P	A
112	198T1A04 C5	SHAIK LAKHIL GOUSE	P	P	P	P	P	A	P	P	P	P	P
113	198T1A04 C6	SHAIK NAZIA TABASSUM	P	P	P	P	P	P	P	P	A	P	P
114	198T1A04 C7	VALLURI TEJA SAI	P	P	P	P	P	P	P	P	P	P	P
115	198T1A04 C8	VANAM SWATHI RUSHITHA	P	P	P	P	P	P	P	A	P	P	P
116	198T1A04 C9	CHERUKURI SAI VAMSI	P	P	P	P	P	P	P	P	P	A	P
117	198T1A04 D0	APPIKATLA RENUKA	A	P	P	P	P	P	P	P	P	P	P
118	198T1A04 D1	CHAKRADHAR VANUKURU	P	P	P	P	P	P	A	P	P	P	P
119	198T1A04 D2	GAJJI ESHWAR	P	P	A	P	P	P	P	P	P	P	P
120	198T1A04 D3	KHAMREEN BEGUM	P	P	P	P	A	P	P	P	P	P	P
121	198T1A04 D4	KUMMARIPALLI VENKATA HEMANTH	P	P	P	A	P	P	P	P	P	P	P

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122	198T1A04 D5	MATLAPUDI HARSHINI SRI SUSHMA SAI	P	P	P	P	P	P	P	P	P	P	A
123	198T1A04 D6	MORABOINA ANIL KUMAR	P	A	P	P	P	P	P	P	P	P	P
124	198T1A04 D7	OGIRALA MANI KEERTHI	P	P	P	P	P	A	P	P	P	P	P
125	198T1A04 D8	PATHURI VEERA PAVAN KUMAR	P	P	P	P	A	P	P	P	P	P	P
126	198T1A04 D9	PRODDUTURI SRINITHYA	P	P	P	P	P	P	P	A	P	P	P
127	198T1A04 E0	PUVVULA HARI CHANDANA	P	P	P	P	P	P	P	P	P	A	P
128	198T1A04 E1	SACHIN JHA	A	P	P	P	P	P	P	P	P	P	P
129	198T1A04 E2	SAI MADHAV PAMULAPATI	P	P	P	P	P	P	A	P	P	P	P
130	198T1A04 E3	SANAKA DIVYA SRI	P	P	P	A	P	P	P	P	P	P	P
131	198T1A04 E4	SANKARASETTY VENKATA SAI LAKSHMI	P	P	P	P	P	P	P	P	A	P	P

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
164	208T5A0404	GUDISE DENSI	P	P	P	A	P	P	P	P	P	P	P
165	208T5A0405	KAKI SRI TEJA	P	P	P	P	P	P	A	P	P	P	P
166	208T5A0406	KANDULA VEERA VENKATA NAGA SIVA KUMAR	A	P	P	P	P	P	P	P	P	P	P
167	208T5A0407	KANUKOLLU LALITHA	P	P	P	P	A	P	P	P	P	P	P
168	208T5A0408	KATURI SUNIL	P	P	P	P	P	P	P	P	A	P	P
169	208T5A0409	NADENDLA CHAITANYA	P	P	P	P	P	A	P	P	P	P	P
170	208T5A0410	NEELAPU VENKATA GOVIND	P	P	P	P	P	P	P	P	P	A	P
171	208T5A0411	POTLAPALLI BHAGYA SRI	P	P	A	P	P	P	P	P	P	P	P
172	208T5A0412	RAJULAPATI NAGA PHANEENDRA	P	P	P	P	P	P	P	P	P	P	A
173	208T5A0413	SHAIK AZEEMA BANO	P	P	P	P	P	P	P	A	P	P	P

S.No	Roll No	Name of the Student	05.09.22	06.09.22	07.09.22	08.09.22	09.09.22	12.09.22	13.09.22	14.09.22	15.09.22	16.09.22	17.09.22
184	208T5A0424	CHALASANI LAKSHMI NARAYANA MANIKANTA	P	P	A	P	P	P	P	P	P	P	P

18/9/22
Co-ordinator



18/9/22
HoD, ECE

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139



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Department of Electronics and Communication Engineering

18.09.22

PROGRAM REPORT

Name of the Event : A Two Week Certification program on IoT and Its Applications

Date : 05.09.22 to 17.09.22

Resource Persons : 1. Dr. M Vamshi Krishna

Professor & HOD

Department of ECE

Email: diet.ecehod@gmail.com

Contact No.: 9703818580

2. Dr. P .Pavithra Roy

Professor

Department of ECE

Email ID: drpavithraroy@diet.ac.in

Contact No: 7842363823

3. Mr. G.Vasanth

Assistant Professor,

Email Id:- vasanth.goda@gmail.com

Contact No:- 9491115580

Name of the Co-Ordinator : Mr. G.Vasanth

Number of Students Attended : 184

Venue : ECE Seminar hall

Objectives :

- To study the fundamentals about IoT
- To study about IoT Access technologies
- To study the design methodology and different IoT hardware platforms.
- To study the basics of IoT Data Analytics and supporting services.
- To study about various IoT case studies and industrial applications.

Learning Outcomes:

- Learn the basics of Internet of Things and its applications
- Work with DHT sensors to detect humidity and temperature changes
- Work with Soil Moisture Sensor to set up a smart irrigation system
- Setup IoT connectivity using a remote desktop
- Develop your own Android App using Virtuino
- Develop and test an IoT weather monitoring station
- Develop and test an IoT based smart irrigation system

Dhanekula Institute of Engineering and Technology has organized "A Two Week Certification Program on IoT and Its Applications" for IV year B.Tech ECE students from 05.09.22 to 17.09.22. A total of 184 students have participated in this program.



mjt 18/9/22
CO-ORDINATOR

Clas
HoD 18/9/22

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
DHANEKULA INSTITUTE
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DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Electronics and Communication Engineering

Assessment Form

Name of the Addon Program: A two-Week Certification program on IoT and its Applications A.Y.: 2022-23

Date: 17-9-2022

Regd no. 19811A041 Time: 30 minutes

Max. Marks: 20 x 1 = 20M

ANSWER ALL QUESTIONS

1. What role of the cloud in smart grid architecture is _____ (19/20) [b] ✓
- a. Collect data c. Security
- b. Manage Data d. Store data
2. Identify the Java extension file in IoT [d] ✓
- a. .c c. .exe
- b. .py d. .jar
3. The standard length of MAC address is _____ [b] ✓
- a. 16 bits c. 32 bits
- b. 48 bits d. 8 bits
4. VNC Stands for _____ [c] ✓
- a. Virtual Network Communication c. Virtual Network Computing
- b. Virtual Network Computers d. None
5. Identify the language preferred to IoT analytics _____ [d] ✗
- a. Python c. PHP
- b. HTML d. C++
6. IIoT stands for _____ [c] ✓
- a. Intense Internet of Things c. Industrial Internet of Things
- b. Index Internet of Technology d. Incorporate Internet of Things
7. Identify among the following which is not a fundamental component of IoT System. [C] ✓
- a. User Interface c. Transformers
- b. Sensors d. Connectivity and data processing



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8. Arduino IDE is written in which programming language?

[b]

- a. Java
- b. C/C++
- c. JavaScript
- d. Python

9. The purpose of WoT (Web of Things) is _____

[d]

- a. Reduce Security
- b. Increase Cost
- c. Complexing Development
- d. Improve Usability and Interoperability

10. I2C Stands for _____

[b]

- a. Internet Integrated Communication
- b. Inter Integrated Communication
- c. Integrated Internet Communication
- d. Internet Instigate Communication

11. An IoT network is a collection of interconnected devices _____

[a]

- a. True
- b. False
- c. Cant Say
- d. None

12. Identify the one which is not a networking device?

[d]

- a. Switch
- b. Bridge
- c. Router
- d. Traffic Analyzer

13. Which one of the given wireless technologies used in IoT, consumes the least amount of power?

[b]

- a. Zigbee
- b. Bluetooth
- c. Wi-Fi
- d. GSM / CDMA

14. Which one of the following is a IoT frameworks?

[d]

- a. Amazon Web Services
- b. Microsoft's Azure
- c. Google's Brillo
- d. All the above

15. What is IoT?

[a]

- a. Network of physical objects embedded with sensors
- b. Network of virtual objects



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms A. Vineetha from

Dhanekula Institute of Engineering & Technology has participated in

“A Two-week Certification Program on
Internet of Things and its Applications”


Organized by the Department of

Electronics and Communication Engineering during

September 5th – 17th 2022


Coordinator


HoD


Principal



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms K. Ranya from

Dhanekula Institute of Engineering & Technology has participated in

“A Two-week Certification Program on
Internet of Things and its Applications”

Organized by the Department of
Electronics and Communication Engineering during

September 5th – 17th 2022

m88
Coordinator

[Signature]
HoD

[Signature]
Principal



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Date:13/08/2022

CIRCULAR

This is hereby to inform all the IIB.Tech students that, the CSE department is organizing A **Two-Week Certification Program on MongoDB** by Mr.M.Ravi Kanth, Assistant Professor of CSE from 23-08-2022 to 05-09-2022. Hence all the students are informed to enroll their names on or before 20-08-2022 and utilize this opportunity.

Venue:CSE Seminar Hall

Co-Ordinator:Mrs. N. Sri Lakshmi, Assistant Professor, Dept. of CSE


Co-Ordinator
13/8


HOD
13/8/2023
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



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Department of Computer Science and Engineering A Two Week Certification Program

On

MongoDB

(23-08-2022 to 05-09-2022)

Date	Session – I	Session – II	Session – III
23-08-2022	What is NoSQL DB & Why MongoDB?	Install MongoDB and manage the MongoDB Servers	Practice Session on MongoDB
24-08-2022	Getting Started with NoSQL. Create Database Create/Drop Collection & Insert, Remove, Update, Find Document (One or Many)	How to Manage and Maintain the MongoDB	Practice Session on MongoDB
25-08-2022	CRUD Operation in MongoDB	Perform basic MQL CRUD operations.	Practice Session on MongoDB
26-08-2022	Model Data & Create Schema & Indexing	Create indexes and learn about general index building guidelines.	Practice Session on MongoDB
27-08-2022	MongoDB Aggregation Framework	Create aggregation pipeline queries.	Practice Session on MongoDB
29-08-2022	Atlas Scaling & Deployment	Have extensive hands-on experience with Query, Projection and Aggregation Pipeline Operators	Practice Session on MongoDB
30-08-2022	Atlas Search	Have extensive hands-on experience with Query, Projection and Aggregation Pipeline Operators	Practice Session on MongoDB
31-08-2022	Atlas Data Lake	Have extensive hands-on experience with Query, Projection and Aggregation Pipeline Operators	Practice Session on MongoDB

01-09-2022	Realm - Application	Have extensive hands-on experience in Application.	Practice Session on MongoDB
02-09-2022	How to use Development ServiceCharts	How to Visualization of MongoDB Data	Practice Session on MongoDB
03-09-2022	MongoDB - Industry Use Cases	MongoDB - Industry Use Cases	Practice Session on MongoDB
05-09-2022	How to do Backup the MongoDB	How to do Restore the MongoDB	Practice Session on MongoDB

Co-Ordinator

13/8

HOD

Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

ABOUT THE COLLEGE

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed Internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering

CO-ORDINATING COMMITTEE

Chief-Patron :-

Sri Dhanekula Ravindranath Tagore
Chairman

Patrons :-

Sri Dhanekula Bhavani Prasad
Secretary & Correspondent.
Dr. Ravi Kadiyala
Principal.

Co-Ordinators :-

Ms. Sowmya Koneru
HOD&Prof., Department of CSE.
Ph: 9502386224
E-mail : konerusowmya@gmail.com
Dr. T. Balamuralikrishna
Prof., Department of CSE.
Ph: +91 9490366269
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Department of Computer Science and Engineering
Dhanekula Institute of Engineering & Technology
is a private college located in Ganguru, near Vijayawada
city in Andhra Pradesh. It is affiliated to JNTUK Kakinada.
Website: www.diet.ac.in



DHANEKULA

INSTITUTE OF ENGINEERING
AND TECHNOLOGY

A Two-Week Certification Program
on
"MongoDB"



Aug 23rd to Sep 5th, 2022

Organized by
Computer science and engineering

VENUE: SEMINAR HALL
Dhanekula Institute of Engg. &Tech., Ganguru,
Vijayawada - 521 139

ABOUT THE DEPARTMENT

The Computer Science & Engineering department has become the centre for learning with its excellent infrastructure and other facilities. The CSE Labs are well equipped with Dual Core clients running on Windows and Linux licensed latest versions of operating systems and software's, Xeon server equipped with all licensed software's.

The systems in the entire campus are connected through 10/100/1000 Mbps CAT 6 UTP cabling, high-end routers and switches with 42Mbps internet facility and optical fiber cable running all over the campus. The labs are established with an objective to promote practical knowledge in latest cutting-edge technologies and research work.

The department is having well qualified and experienced faculty members. The faculty is a perfect blend of different specializations in Computer Science and Engineering to impart their expertise in handling diversified courses of the Undergraduate programs. The teaching methodology in the department goes beyond fulfilling the syllabus requirements of the University, to meet the today's industry needs.

ABOUT THE THEME

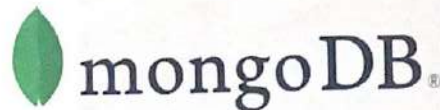
This theme focused on MongoDB, goal is to provide knowledge and skills they need to done effectively on MongoDB concepts to the students

MAJOR COURSE CONTENTS

- What is NoSQL DB & Why MongoDB?
- Install MongoDB and manage the MongoDB Servers
- How to Manage and Maintain the MongoDB
- CRUD Operation in MongoDB
- Perform basic MQL CRUD operations.
- Model Data & Create Schema& Indexing
- MongoDB Aggregation Framework
- Atlas Scaling & Deployment
- Atlas Data Lake
- Realm - Application
- MongoDB - Industry Use Cases
- How to do Backup the MongoDB
- How to do Restore the MongoDB

OUTCOMES

- Understand NOSQL Concepts.
- They can Learn CRUD Operations.
- Understand and implement best practices for data modeling in a document-oriented database.
- Write MongoDB queries to retrieve and manipulate data.
- Apply the MongoDB Aggregation Framework to perform complex data manipulations.
- Develop and implement backup strategies for MongoDB databases



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Accredited by NBA (CE, EEE, ME, ECE, CSE) and NAAC

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING REGISTRATION CUM NOMINATION FORM

**A TWO-WEEK CERTIFICATION
PROGRAM ON
"MONGODB"
(AUG 23RD TO SEP 5TH, 2022)**

Name : _____

Redg. No: _____

Department: _____

College Name : _____

Mobile No. : _____

Email : _____

Address : _____

Signature of participant



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Computer Science and Engineering A Two Week Certification Program

On

MongoDB

(23-08-2022 to 05-09-2022)


S.No	Roll Number	Name of the Student	Signature
1	208T1A0501	AASHRITHA SIVAREDDY	A. Ashritha
2	208T1A0502	ABDUL JAHEDUNNISA	A. Jahedunnisa
3	208T1A0503	ABDUL MATEEN	Mateen
4	208T1A0505	ADAPA JAIDEEP	A. Jaideep
5	208T1A0506	ALURI ANANYA	A. Ananya
6	208T1A0507	AMARA SOWJANYA	A. Sowjanya
7	208T1A0508	AMBADIPUDI PREMCHANDU	A. Premchandu
8	208T1A0509	AMIREDDY SIVA REDDY	A. S. Reddy
9	208T1A0510	AMMULA VARUN SIVA NAGA SAI	A. Sai
10	208T1A0511	AREKAPUDI HIMA SREE	A. Hima Sree
11	208T1A0512	BACHU YOGITHA SINDHU	B. Yogitha Sindhu
12	208T1A0513	BANDELA VISHAL BABU	B. Vishal Babu
13	208T1A0514	BATTULA GAYATRI PRASANNA	B. Gayatri Prasan
14	208T1A0515	BOINA NAGA SAI SANJAY	B. Sanjay
15	208T1A0516	CHALAMALASETTI VANDANA	Ch. Vandana
16	208T1A0517	CHEEKURTHI SANJANA	Ch. Sanjana
17	208T1A0518	CHEELI SIRISHA	Ch. Sirisha
18	208T1A0519	CHENNAKESAVULA SRIHARIPRASADRAO	Ch. Srihariprasad
19	208T1A0520	CHENNUPATI SRAVANI	Ch. Sravani
20	208T1A0521	CHERUKU KAVITHA	Ch. Kavitha
21	208T1A0522	CHERUKURI YODITHA	Ch. Yoditha
22	208T1A0523	CHILUKURU NIKHITA PRIYA	Ch. Nikhita Priya
23	208T1A0524	CHIMMIRI PAVANVAMS	Ch. Pavan Vams
24	208T1A0525	DACHEPALLI NAVEEN CHAKRAVARTHI	D. Naveen
25	208T1A0526	DAVULURI POOJITHA	D. Poojitha
26	208T1A0527	DEVANABOINA ARYAN SRI VENKAT	D. Aryan Sri Venkat
27	208T1A0528	DEVARAPALLI YASMITHA	D. Yasmintha
28	208T1A0529	DINTAKURTHI SAI SARAN TEJA	D. Sai Saran Teja
29	208T1A0530	DUDIPALLA MANJUSHA	D. Manjusha
30	208T1A0531	DUNNA SANDEEP PRASAD	D. Sandeep
31	208T1A0532	GALI PAVANI NAGA PRIYA	G. Pavani Naga Priya
32	208T1A0533	GHATTY VENKATA SAI RAMA SARANYA	G. Saranya


33	208T1A0534	SAI KRISHNA GOGAM	G. Sai Krishna
34	208T1A0535	GORLA SIRISHA	G. Sirisha
35	208T1A0536	GORRELA CHANDRA TEJA	G. Teja
36	208T1A0537	GUDDANTI PRAGATHI	G. Pragathi
37	208T1A0538	GUTTIKONDA HEMA SAI CHANDU	G. Chandu
38	208T1A0539	HARI PRIYA KONERU	K. Hari Priya
39	208T1A0540	JANGA SRIYA REDDY	J. Sriya Reddy
40	208T1A0541	JANNU MONIKA	J. Monika
41	208T1A0542	JOGI NAVYA RANI	J. Navya
42	208T1A0543	JONNADULA MANASA	J. Manasa
43	208T1A0544	KAMA PRAVEEN	K. Praveen
44	208T1A0545	KAMARAJUGADDA DEEKSHITHA	K. Deekshitha
45	208T1A0546	KANDIMALLA DINESH	K. Dinesh
46	208T1A0547	KARANAM SAIRAM	K. Sairam
47	208T1A0548	KARUMANCHI HARSHITHA	K. Harshitha
48	208T1A0549	KATIKALA GANESH	K. Ganesh
49	208T1A0550	KODALI RISHITHA	K. Rishitha
50	208T1A0551	KOGANTI SNEHITHA	K. Sneha
51	208T1A0552	KOLA CHAITANYA	K. Chaitanya
52	208T1A0553	KOLLA HARISH	K. Harish
53	208T1A0554	KOLLIPAKA HEMAGAYATHRI	K. Hemagayathri
54	208T1A0555	KOMARAVALLI BALA KEERTHI	K. Keerthi
55	208T1A0556	KONATHAM DEVIKA	K. Devika
56	208T1A0557	KONDA SAI BHAVANI	K. Sai Bhavani
57	208T1A0558	PASUPULETI RAJINI	P. Rajini
58	208T1A0559	SAINADHAM JAYANTH	S. Jayanth
59	208T1A0560	SHAIK AFREED	S. Afreed
60	208T1A0561	TAMMU NAGA SUBHRAMANYAM	T. Subhramanyam
61	208T1A0562	THOTAKURA JASWANTH	T. Jaswanth
62	208T1A0563	VELPULA RAVI KUMAR	V. Ravi
63	208T1A0564	VEMULAPALLI SNEHA SHREE	V. Sneha
64	218T5A0501	ATMURI VENKATA VEERA NAGA SAIRAM	A. Sairam
65	218T5A0502	CHALLA GAYATHRI	Ch. Gayathri
66	218T5A0503	CHENNOJU SREENIVAS	Ch. Sreenivas
67	218T5A0504	DOMMETI AKASH	D. Akash
68	218T5A0505	GONUGUNTLA NAVYA	G. Navya
69	218T5A0506	GUBBALA VYSHNAVI	G. Vyshnavi
70	218T5A0507	MAMIDI JAYA SURYA	M. Jaya Surya
71	208T1A0565	AVANIGADDA RAVI CHANDRA	A. Ravi
72	208T1A0566	BOLLU RAKSHITHA	B. Rakshitha
73	208T1A0567	KONDURI KARTHIKEYA	K. Kartikeya
74	208T1A0568	KONDURU SAI GEETHIKA	K. Geethika
75	208T1A0569	KOTA V K N S G KEERTHANA	K. Keerthana
76	208T1A0570	LOHITH KARTHIKEYA TALIGATLA	L. Kartikeya Taligatla
77	208T1A0571	MACHARLA JOSEPH	M. Joseph
78	208T1A0572	MADASU SURYA TEJA	M. Surya Teja
79	208T1A0573	MAKARLA NAGA SAI MANOHAR	M. Sai Manohar
80	208T1A0574	MAMILLA DHYANESH SIVA SAI PURNA	M. Dhyanesh

81	208T1A0575	MANDAPATI RASHMITHA	Rashmita
82	208T1A0576	MANDLEM DINESH VAMSI	M. Dinesh Vamsi
83	208T1A0577	MANNEPALLI SUJITHA	M. Sujitha
84	208T1A0578	MANTADA HARSHITHA	M. Harshitha
85	208T1A0579	MAREEDU JAHNAVI	M. Jahnavi
86	208T1A0580	MEDASANI BHANUJA	M. Bhanuja
87	208T1A0581	MEKA JAGADEESH	M. Jagadeesh
88	208T1A0582	MOHAMMAD MYMUNNISA BEGUM	M. Mymunisa
89	208T1A0583	MOHAMMED AMEENA	M. Ameena
90	208T1A0584	MOHAMMED SAMREEN FATHIMA	M. Samreen Fathima
91	208T1A0585	MORA POOJA NAGA VENI	M. Pooja Naga Veni
92	208T1A0586	MOTURI PRIYADARSHINI	M. Priyadarshini
93	208T1A0587	MUTHIREDDY SWAPNA	M. Swapna
94	208T1A0588	NADELLA TEJASWI	N. Tejaswi
95	208T1A0589	NAGULAPALLI JAYANTH VENKATA SAI	N. Jayanth
96	208T1A0590	NAIDU ANUSHA	Anusha
97	208T1A0591	NALLURI HARI DATTA NAGA KRISHNA KISHORE	N. Kishore
98	208T1A0592	NARLA ADITYA KUMAR	N. Aditya
99	208T1A0593	NERELLA VENKATA SAI ADARSH	N. Sai Adarsh
100	208T1A0594	NUNSAVATH SANTHIPRIYA	N. Santhipriya
101	208T1A0595	P SRIVENKATA SIVA RAMA KRISHNA VARA PRASAD	P. Siva Ram
102	208T1A0596	PADAMATA ANURAG	P. Anurag
103	208T1A0597	PAIDIPAMULA DIVYAJA	P. Divyaja
104	208T1A0598	PASUPULETI MAHESH BABU	P. Mahesh Babu
105	208T1A0599	PEDASANAGANTI CHANDRIKA	P. Chandrika
106	208T1A05A0	PERNI SAHITHI PRIYA	P. Sahithi Priya
107	208T1A05A1	POKALAVENKATA DURGA BHAVANI	P. Bhavani
108	208T1A05A2	POLUKONDA SARANYA TEJA	P. Saranya Teja
109	208T1A05A3	PONDURI SASHANK	P. Sashank
110	208T1A05A4	PONNADA SRI RAM JAGADISH	P. Srisa
111	208T1A05A5	PRASANNA BHAVANAM	B. Prasanna
112	208T1A05A6	PRATHIPATI VINEELA	P. Vineela
113	208T1A05A7	PUPPALA NIKHITHA	P. Nikhitha
114	208T1A05A8	PUPPALA YASWANATH	P. Yaswanth
115	208T1A05A9	PUSHYA DHANEKULA	P. Dhaneekula
116	208T1A05B0	PUSULURI SRIVALLI	P. Srivalli
117	208T1A05B1	RAGAM PRAVEEN TEJA	R. Praveen Teja
118	208T1A05B2	RAMELLA VIJAY KUMAR	R. Vijay Kumar
119	208T1A05B3	RAMISETTI SAI KUMAR	R. Sai Kumar
120	208T1A05B4	REDDY KOMALI KUMARI	R. Komali
121	208T1A05B5	REDDYBATTULA LAKSHMI DEEPTHI REDDY	R. Deepthi
122	208T1A05B6	SYED MEHABOOB MURTUZA	M. Murtuza
123	208T1A05B8	TUMMALAPALLI DINESH	D. Dinesh
124	208T1A05B9	UDDANTI VARSHITHA	U. Varshitha
125	208T1A05C0	VADDI BHAVYA SRI	V. Bhavya Sri
126	208T1A05C1	VADLAMUDI SAI SRIHITHA	V. Sai Srihitha
127	208T1A05C2	VEDANTAM VENKATA NARASIMHA SWETHA	V. Swetha
128	208T1A05C3	VEERANKI KUSUMA	V. Kusuma

129	208T1A05C4	VELDI DIVYA SRI	V. Divya Sri
130	208T1A05C5	VINJAMURI VISHNU VASUNDHARA	V. V. Vasundhara
131	208T1A05C6	YARAJARLA SAI SOWJANYA	Y. Sai Sowjanya
132	208T1A05C7	YEDIDA GOWTHAM	Gowtham
133	208T1A05C8	YELLANKI UDAY BHASKAR	Y. Uday Bhaskar
134	218T5A0508	MANGADODDI YASWANTH	M. Yaswanth
135	218T5A0509	NANDAM CHANDRA PRAKASH	N. Chandrababu
136	218T5A0510	PUCCHA PALLAVI	P. Pallavi
137	218T5A0511	RAVURI VIJAY KRISHNA	R. Vijay Krishna
138	218T5A0512	R VENKATA KISHORE	R. Venkata Kishore
139	218T5A0514	SUNKARA SOHAN SATYA	S. Sohan Satya
140	208T1A05C9	AKURATHI HIMASREE	A. Himasree
141	208T1A05D0	ALLAM PADMAJA	A. Padma
142	208T1A05D1	CHAVA AJAY KUMAR	Chava Ajay Kumar
143	208T1A05D2	APPALAVARAPU CHAITANYA KUMAR	Appalavarapu Chaitanya Kumar
144	208T1A05D3	B N LOKESH	B. Lokesh
145	208T1A05D4	BADIPATI YASONADH	B. Yasonadh
146	208T1A05D5	BOGASAMUDRAM MOUNIKA	B. Mounika
147	208T1A05D6	BUPATHI PRAVEEN KUMAR	B. Praveen Kumar
148	208T1A05D7	CHINAMANA PAVAN	Chinamana Pavan
149	208T1A05D8	DARAM LAKSHMI SASI REKHA	D. Sasi Rekha
150	208T1A05D9	DEVARAKONDA PAVAN BABU	D. Pavan Babu
151	208T1A05E1	DUGGIPOGU AKSHAYA	D. Akshaya
152	208T1A05E2	GADDAM PRUDHVI RAHUL	G. Prudhvi Rahul
153	208T1A05E3	GOLKONDA MEENAKSHI	G. Meenakshi
154	208T1A05E4	GONE DINESH	G. Dinesh
155	208T1A05E5	KATARI BABITHA	K. Babitha
156	208T1A05E6	KALAPALA KAVYA	K. Kavya
157	208T1A05E7	KASARAGADDA NARMADA	K. Narmada
158	208T1A05E8	KODALI CHARAN RAJ	K. Charan Raj
159	208T1A05E9	KOLLI CHETAN RAM	K. Chetan Ram
160	208T1A05F0	KOPPULA BINDU SRI	K. Bindu Sri
161	208T1A05F1	KOTTAMASU NAGA VENKATA JYOTHI	K. Naga Venkata Jyothi
162	208T1A05F2	KRISHNA MAHITHA NEKKALAPUDI	K. Mahitha
163	208T1A05F3	KURUMADDALI NAGA GOVINDA SIVA SAI ADITHYA	K. Naga Govinda Siva Sai Adithya
164	208T1A05F4	LINGAM MANOGNA SWETHA	L. Manogna Swetha
165	208T1A05F5	LOYA SRI CHAITANYA DEEPIKA	L. Sri Chaitanya Deepika
166	208T1A05F6	LUKKA LAKSHMI PRASANNA	L. Lakshmi Prasanna
167	208T1A05F7	MANIKALA RAJESH	M. Rajesh
168	208T1A05F8	MARADA SRI LALITHA	M. Sri Lalitha
169	208T1A05F9	MATA MANOHAR	M. Manohar
170	208T1A05G0	MEESALA TULASI	M. Tulasi
171	208T1A05G1	MUKKU VASU	M. Vasu
172	208T1A05G2	MUNAGALA RAJU	M. Raju
173	208T1A05G4	NALLAM NAGASATYA SAI	N. Nagasatya Sai
174	208T1A05G5	NIMMAGADDA SAIVAMSI	N. Saivamsi
175	208T1A05G6	PARAMKUSAM RAGA SRI SUDHA	P. Raga Sri Sudha
176	208T1A05G7	PATNALA PHANI RAM SANKAR	P. Phani Ram Sankar

177	208T1A05G8	POTTI PRAVEEN KUMAR	P. Praveen
178	208T1A05G9	RELLI BHAGYA RAJ	R. Bhagyaraj
179	208T1A05H0	RUDRAPATI SRI AVINASH	R. Sri Avinash
180	208T1A05H1	SAI SRIYA KONGARA	S. Sriya
181	208T1A05H2	SHAIK ASHI	S. Ashi
182	208T1A05H3	SHAIK JOHN SAIDA	S. John Saida
183	208T1A05H4	SHAIK SABA YASMEEN	S. Saba Yasmeen
184	208T1A05H5	SIDARALA YUVA DEVA CHANDRA SIVA NAGA RAJU	S. Yuvadeva Chandra Siva Naga Raju
185	208T1A05H6	SUNKARA MOUNIKA	S. Mounika
186	208T1A05H7	SUVARNAGANTI GAYATHRI	S. Gayathri
187	208T1A05H8	TALARI PRAVEEN KUMAR	T. Praveen
188	208T1A05H9	TALLURU SOWMYA	T. Sowmya
189	208T1A05I0	TATIKONDA SAI VIJNATHI	T. Sai Vijnathi
190	208T1A05I1	TERLI SRIHARI	T. Srihari
191	208T1A05I2	TETAKAYALA MOHANA VENKATA KRISHNA	T. Mohana Venkata Krishna
192	208T1A05I3	THOTA HARSHITHA	T. Harshitha
193	208T1A05I4	TIKKA VARAPU VYSHNAVI	T. Vyshnavi
194	208T1A05I5	UPPALA SRAVANTHI	U. Sravanthi
195	208T1A05I6	VAMPUGANI. DURGA NAGA VENKATA SRAVANTHI	V. Durga Naga Venkata Sravanthi
196	208T1A05I7	VINUKONDA RISHIKA	V. Rishika
197	208T1A05I8	YARAGANI PRIYANKA	Y. Priyanka
198	208T1A05I9	YOGA SRI TUNGALA	Y. Sri Tungala
199	208T1A05J0	RACHAPUDI ALEKHYA	R. Alekhya
200	218T5A05I5	THADI TULASI	T. Tulasi
201	218T5A05I6	VEERNALA RAGHU SAI	V. Raghu Sai
202	218T5A05I7	METRA CHENNAKESAVA	M. Chennakesava
203	218T5A05I8	MAHASIVABATPU PRAVALLIKA	M. Pravallika
204	218T5A05I9	MALE YASASWI	M. Yasaswi
205	218T5A05I20	NAGINENI ANUSHA	N. Anusha

Co-Ordinator



HOD
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Campus: Anaparthi - 521 119



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

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Department of Computer Science and Engineering A Two Week Certification Program On MongoDB (23-08-2022 to 05-09-2022)

S.No	Roll Number	Name of the Student	23-08-2022	24-08-2022	25-08-2022	26-08-2022	27-08-2022	29-08-2022	30-08-2022	31-08-2022	01-09-2022	02-09-2022	03-09-2022	05-09-2022
1	208T1A0501	AASHRITHA SIVAREDDY	P	P	P	P	P	P	P	P	P	P	P	P
2	208T1A0502	ABDUL JAHEDUNNISA	P	P	P	a	P	P	P	P	P	P	P	a
3	208T1A0503	ABDUL MATEEN	P	P	P	P	a	P	P	P	a	P	P	P
4	208T1A0505	ADAPA JAIDEEP	P	a	P	a	P	P	P	P	P	a	P	P
5	208T1A0506	ALURI ANANYA	a	P	a	P	P	P	P	P	P	P	a	a
6	208T1A0507	AMARA SOWJANYA	P	P	P	P	P	a	P	P	a	P	P	P
7	208T1A0508	AMBADIPUDI PREMCHANDU	P	P	a	P	a	P	P	P	P	a	P	P
8	208T1A0509	AMIREDDY SIVA REDDY	P	P	P	P	P	P	a	P	P	P	P	a
9	208T1A0510	AMMULA VARUN SIVA NAGA SAI	P	P	P	a	P	P	P	P	a	a	P	P
10	208T1A0511	AREKAPUDI HIMA SREE	P	P	P	P	P	P	P	a	a	P	a	P
11	208T1A0512	BACHU YOGITHA	P	P	P	P	P	P	P	a	a	a	P	a

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		SINDHU	a	P	P	P	P	P	P	a	P	P	P	a
12	208T1A0513	BANDELA VISHAL BABU	P	P	a	P	P	T	P	P	P	a	P	P
13	208T1A0514	BATTULA GAYATRI PRASANNA	P	P	a	P	P	P	a	P	P	P	P	P
14	208T1A0515	BOINA NAGA SAI SANJAY	P	P	P	a	a	P	P	P	P	a	P	a
15	208T1A0516	CHALAMASETTI VANDANA	P	a	P	P	P	a	P	P	P	P	P	P
16	208T1A0517	CHEEKURTHI SANJANA	P	P	a	P	P	P	a	P	P	a	P	P
17	208T1A0518	CHEELI SIRISHA	P	P	P	a	P	P	P	a	P	P	P	P
18	208T1A0519	CHENNAKESAVULA SRIHARIPRASADRAO	P	P	P	P	a	P	P	P	P	a	P	a
19	208T1A0520	CHENNUPATI SRAVANI	a	P	P	P	P	P	P	P	P	P	P	P
20	208T1A0521	CHERUKU KAVITHA	a	P	P	P	P	P	P	a	P	a	a	P
21	208T1A0522	CHERUKURI YODITHA	P	P	P	a	P	a	P	P	P	P	P	a
22	208T1A0523	CHILUKURU NIKHITA PRIYA	P	P	P	P	a	a	a	P	P	a	P	P
23	208T1A0524	CHIMMIRI PAVANVAMSI	P	P	P	P	a	P	P	P	P	P	P	P
24	208T1A0525	DACHEPALLI NAVEEN CHAKRAVARTHI	P	P	a	P	P	P	P	a	P	a	P	a
25	208T1A0526	DAVULURI POOJITHA	P	P	a	P	P	P	a	P	P	P	a	P
26	208T1A0527	DEVANABOINA ARYAN SRI VENKAT	P	P	P	a	P	P	P	a	P	P	P	P
27	208T1A0528	DEVARAPALLI YASMITHA	P	P	a	P	P	P	a	P	P	a	P	P

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28	208T1A0529	DINTAKURTHI SAI SARAN TEJA	P	P	a	P	P	P	P	P	a	a	P	P
29	208T1A0530	DUDIPALLA MANJUSHA	P	P	a	P	P	a	a	P	a	a	a	P
30	208T1A0531	DUNNA SANDEEP PRASAD	P	P	P	P	P	a	P	a	P	P	P	a
31	208T1A0532	GALI PAVANI NAGA PRIYA	P	P	P	P	a	P	P	P	P	a	P	a
32	208T1A0533	GHATTY VENKATA SAI RAMA SARANYA	P	P	P	P	a	P	P	P	a	a	P	a
33	208T1A0534	SAI KRISHNA GOGAM	P	P	P	a	P	P	P	a	P	P	a	P
34	208T1A0535	GORLA SIRISHA	P	a	P	P	P	P	P	a	P	P	P	P
35	208T1A0536	GORRELA CHANDRA TEJA	P	P	P	a	P	P	a	P	P	P	P	a
36	208T1A0537	GUDDANTI PRAGATHI	P	P	P	P	a	a	P	P	a	P	P	a
37	208T1A0538	GUTTIKONDA HEMA SAI CHANDU	P	P	P	P	P	a	a	P	P	a	P	a
38	208T1A0539	HARI PRIYA KONERU	P	P	a	P	P	P	P	a	P	a	a	P
39	208T1A0540	JANGA SRIYA REDDY	P	P	P	a	P	P	P	P	P	a	P	P
40	208T1A0541	JANNU MONIKA	P	P	P	a	a	P	P	P	P	a	P	a
41	208T1A0542	JOGI NAVYA RANI	P	P	P	P	a	P	P	a	P	P	a	a
42	208T1A0543	JONNADULA MANASA	P	P	a	P	P	P	P	P	P	P	P	a
43	208T1A0544	KAMA PRAVEEN	P	P	P	P	P	P	a	P	a	P	P	P
44	208T1A0545	KAMARAJUGADD A DEEKSHITHA	P	P	P	P	P	P	P	a	P	a	P	P
45	208T1A0546	KANDIMALLA DINESH	P	P	P	P	P	P	a	P	P	a	P	a
46	208T1A0547	KARANAM SAIRAM	P	P	a	P	P	P	P	A	P	a	P	P

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47	208T1A0548	KARUMANCHI HARSHITHA	P	Q	P	P	P	P	P	P	P	P	P	a
48	208T1A0549	KATIKALA GANESH	a	P	P	a	P	P	P	P	P	P	P	P
49	208T1A0550	KODALI RISHITHA	a	P	P	P	a	P	P	P	P	P	P	a
50	208T1A0551	KOGANTI SNEHITHA	P	P	P	P	a	a	a	P	P	P	P	P
51	208T1A0552	KOLA CHAITANYA	P	P	P	P	P	P	P	P	a	P	P	a
52	208T1A0553	KOLLA HARISH	P	P	P	P	a	a	P	a	P	P	a	P
53	208T1A0554	KOLLIPAKA HEMAGAYATHRI	P	P	P	P	P	P	P	P	P	P	P	a
54	208T1A0555	KOMARAVALLI BALA KEERTHI	P	P	P	P	P	P	a	P	P	P	P	P
55	208T1A0556	KONATHAM DEVIKA	P	P	P	a	P	a	P	a	P	P	P	P
56	208T1A0557	KONDA SAI BHAVANI	a	P	P	a	P	c	P	P	P	P	a	P
57	208T1A0558	PASUPULETI RAJINI	a	P	P	P	a	P	P	P	P	a	a	a
58	208T1A0559	SAINADHAM JAYANTH	P	P	P	P	P	P	a	a	a	a	P	a
59	208T1A0560	SHAIK AFREED	P	P	P	P	a	P	P	P	P	P	P	a
60	208T1A0561	TAMMU NAGA SUBHRAMANYAM	P	P	a	P	P	P	P	a	P	P	P	P
61	208T1A0562	THOTAKURA JASWANTH	a	P	P	P	P	P	P	P	P	P	P	P
62	208T1A0563	VELPULA RAVI KUMAR	a	P	P	P	a	P	P	a	P	P	a	a
63	208T1A0564	VEMULAPALLI SNEHA SHREE	P	P	P	P	P	P	a	a	P	P	P	a
64	218T5A0501	ATMURI VENKATA VEERA NAGA SAIRAM	P	P	P	P	P	P	P	P	a	P	P	a
65	218T5A0502	CHALLA GAYATHRI	P	P	a	P	P	P	P	a	P	P	P	P
66	218T5A0503	CHENNOJU	P	P	P	P	a	P	P	P	P	P	P	a

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		SREENIVAS	P	P	P	P	a	P	P	P	P	P	P	P
67	218T5A0504	DOMMETI AKASH	a	P	a	P	P	P	P	P	a	P	P	P
68	218T5A0505	GONUGUNTLA NAVYA	a	P	P	a	P	P	a	a	P	P	P	a
69	218T5A0506	GUBBALA VYSHNAVI	a	P	P	P	a	P	P	P	P	P	P	a
70	218T5A0507	MAMIDI JAYA SURYA	P	P	a	P	P	P	P	a	P	P	a	a
71	208T1A0565	AVANIGADDA RAVI CHANDRA	P	P	P	P	P	P	P	P	P	P	a	a
72	208T1A0566	BOLLU RAKSHITHA	P	P	P	a	P	P	P	P	P	P	P	a
73	208T1A0567	KONDURI KARTHIKEYA	P	P	a	P	a	P	P	P	P	P	P	a
74	208T1A0568	KONDURU SAI GEETHIKA	P	P	P	P	P	a	P	a	P	P	P	P
75	208T1A0569	KOTA V K N S G KEERTHANA	P	P	P	P	P	G	P	a	P	P	P	P
76	208T1A0570	LOHITH KARTHIKEYA TALIGATLA	P	P	P	a	P	P	P	P	P	P	P	P
77	208T1A0571	MACHARLA JOSEPH	a	a	P	a	P	P	P	P	P	P	P	P
78	208T1A0572	MADASU SURYA TEJA	P	P	a	P	a	P	P	P	P	P	P	P
79	208T1A0573	MAKARLA NAGA SAI MANOHAR	P	P	P	P	P	P	a	P	P	P	P	P
80	208T1A0574	MAMILLA DHYANESH SIVA SAI PURNA	P	P	P	P	P	a	P	P	a	P	P	P
81	208T1A0575	MANDAPATI RASHMITHA	P	P	a	P	P	a	P	a	P	a	P	a
82	208T1A0576	MANDLEM DINESH VAMSI	P	P	P	P	a	P	P	P	P	a	P	a
83	208T1A0577	MANNEPALLI SUJITHA	P	P	P	P	P	P	P	a	P	a	a	P
84	208T1A0578	MANTADA	a	P	a	P	P	P	a	P	P	a	a	P

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		HARSHITHA	Pa	P	Pa	P	P	P	a	P	a	P	P	a
85	208T1A0579	MAREEDU JAHNAVI	P	P	a	a	P	P	P	a	a	a	P	P
86	208T1A0580	MEDASANI BHANUJA	P	P	P	P	P	P	P	P	P	P	P	P
87	208T1A0581	MEKA JAGADEESH	P	P	P	P	a	P	P	P	P	P	P	a
88	208T1A0582	MOHAMMAD MYMUNNISA BEGUM	P	P	P	P	P	T	P	P	P	P	P	P
89	208T1A0583	MOHAMMED AMEENA	P	P	P	P	P	a	P	a	P	P	a	P
90	208T1A0584	MOHAMMED SAMREEN FATHIMA	P	P	a	a	P	T	a	P	P	P	P	a
91	208T1A0585	MORA POOJA NAGA VENI	P	P	P	P	a	T	P	a	P	P	P	a
92	208T1A0586	MOTURI PRIYADARSHINI	a	P	P	P	P	T	a	P	P	P	P	P
93	208T1A0587	MUTHIREDDY SWAPNA	a	P	P	P	P	a	P	P	P	P	P	P
94	208T1A0588	NADELLA TEJASWI	P	P	P	P	P	a	a	a	P	P	P	a
95	208T1A0589	NAGULAPALLI JAYANTH VENKATA SAI	P	P	P	a	a	T	P	P	P	P	P	P
96	208T1A0590	NAIDU ANUSHA	P	P	P	P	P	T	P	P	a	P	a	P
97	208T1A0591	NALLURI HARI DATTA NAGA KRISHNA KISHORE	P	P	P	P	P	T	P	a	P	P	P	a
98	208T1A0592	NARLA ADITYA KUMAR	a	P	a	a	P	T	P	a	P	a	P	P
99	208T1A0593	NERELLA VENKATA SAI ADARSH	a	P	P	P	P	T	P	a	P	a	P	P
100	208T1A0594	NUNSAVATH SANTHIPRIYA	P	a	P	P	P	T	P	P	P	P	a	P

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101	208T1A0595	P SRIVENKATA SIVA RAMA KRISHNA VARA PRASAD	P	P	P	P	P	P	P	a	a	P	P	P
102	208T1A0596	PADAMATA ANURAG	P	P	P	P	P	a	P	P	P	P	P	a
103	208T1A0597	PAIDIPAMULA DIVYAJA	a	a	P	a	P	a	P	?	P	P	a	P
104	208T1A0598	PASUPLETI MAHESH BABU	P	P	P	P	a	P	P	P	P	P	P	P
105	208T1A0599	PEDASANAGANTI CHANDRIKA	P	P	a	P	a	P	a	P	P	P	P	P
106	208T1A05A0	PERNI SAHITHI PRIYA	P	P	P	P	P	P	P	P	P	P	P	a
107	208T1A05A1	POKALAVENKATA DURGA BHAVANI	P	P	P	P	P	P	P	a	a	P	P	P
108	208T1A05A2	POLUKONDA SARANYA TEJA	P	P	P	P	P	P	P	P	P	P	a	P
109	208T1A05A3	PONDURI SASHANK	a	P	a	a	P	a	P	a	P	P	a	P
110	208T1A05A4	PONNADA SRI RAM JAGADISH	P	P	a	P	a	P	P	P	P	a	P	a
111	208T1A05A5	PRASANNA BHAVANAM	P	P	a	P	a	P	a	P	P	a	P	P
112	208T1A05A6	PRATHIPATI VINEELA	P	P	P	a	P	P	P	P	P	P	P	P
113	208T1A05A7	PUPPALA NIKHITHA	P	P	P	P	P	P	P	a	P	P	P	P
114	208T1A05A8	PUPPALA YASWANTH	P	P	P	P	P	P	P	P	P	P	P	a
115	208T1A05A9	PUSHYA DHANEKULA	P	P	P	P	a	a	a	P	P	P	a	P
116	208T1A05B0	PUSULURI SRIVALLI	P	P	P	P	P	P	P	P	P	P	a	P
117	208T1A05B1	RAGAM PRAVEEN TEJA	P	P	P	a	P	P	a	a	a	P	P	a
118	208T1A05B2	RAMELLA VIJAY	P	P	P	P	P	P	a	P	a	P	P	P

S.No	Roll Number	Name of the Student	23-08-2022	24-08-2022	25-08-2022	26-08-2022	27-08-2022	29-08-2022	30-08-2022	31-08-2022	01-09-2022	02-09-2022	03-09-2022	05-09-2022
		KUMAR	P	P	P	P	P	P	a	P	a	P	P	P
119	208T1A05B3	RAMISETTI SAI KUMAR	a	P	P	P	P	P	P	?	a	P	P	a
120	208T1A05B4	REDDY KOMALI KUMARI	P	a	a	a	a	a	P	?	a	P	P	P
121	208T1A05B5	REDDYBATTULA LAKSHMI DEEPTHI REDDY	P	P	a	P	P	P	P	a	P	P	P	a
122	208T1A05B6	SYED MEHABOOB MURTUZA	P	P	P	P	P	P	P	?	P	P	P	P
123	208T1A05B8	TUMMALAPALLI DINESH	P	P	P	a	P	a	P	a	P	P	a	P
124	208T1A05B9	UDDANTI VARSHITH	a	P	P	P	P	P	P	?	P	P	a	a
125	208T1A05C0	VADDI BHAVYA SRI	P	P	P	P	P	a	P	?	P	P	P	P
126	208T1A05C1	VADLAMUDI SAI SRIHITHA	P	P	P	P	a	P	P	P	a	P	P	P
127	208T1A05C2	VEDANTAM VENKATA NARASIMHA SWETHA	P	P	a	P	P	P	a	?	P	P	P	a
128	208T1A05C3	VEERANKI KUSUMA	a	P	P	P	P	a	P	a	a	P	a	a
129	208T1A05C4	VELDI DIVYA SRI	P	P	P	P	P	P	P	P	P	P	a	P
130	208T1A05C5	VINIAMURI VISHNU VASUNDHARA	P	P	a	P	P	P	P	?	P	P	P	a
131	208T1A05C6	YARAJARLA SAI SOWJANYA	P	P	P	P	P	a	P	P	P	P	P	P
132	208T1A05C7	YEDIDA GOWTHAM	P	P	P	P	a	P	P	a	P	a	P	P
133	208T1A05C8	YELLANKI UDAY BHASKAR	P	P	P	P	P	P	P	P	P	a	a	P
134	218T5A0508	MANGADODDI YASWANTH	P	P	P	a	P	P	a	a	P	a	a	a
135	218T5A0509	NANDAM	P	P	P	P	a	a	P	P	P	P	P	a

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		CHANDRA PRAKASH	P	P	P	P	a	a	P	P	a	P	a	P
136	218T5A0510	PUCCHA PALLAVI	a	P	a	P	P	P	P	P	a	P	P	P
137	218T5A0511	RAVURI VIJAY KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P
138	218T5A0512	R VENKATA KISHORE	P	P	P	P	a	P	a	a	a	P	P	a
139	218T5A0514	SUNKARA SOHAN SATYA	a	P	P	a	P	a	a	P	P	P	P	a
140	208T1A05C9	AKURATHI HIMASREE	a	P	a	P	P	P	a	P	P	P	a	a
141	208T1A05D0	ALLAM PADMAJA	P	P	P	P	a	P	P	P	P	P	a	a
142	208T1A05D1	CHAVA AJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
143	208T1A05D2	APPALARAPU CHAITANYA KUMAR	P	P	P	a	P	P	P	a	P	P	P	a
144	208T1A05D3	B N LOKESH	a	P	P	P	P	P	P	P	P	P	P	a
145	208T1A05D4	BADIPATI YASONADH	P	P	P	P	P	P	P	P	P	P	P	P
146	208T1A05D5	BOGASAMUDRA M MOUNIKA	P	P	P	P	P	P	P	a	P	P	P	a
147	208T1A05D6	BUPATHI PRAVEEN KUMAR	P	P	P	P	a	a	a	P	P	P	P	a
148	208T1A05D7	CHINAMANA PAVAN	P	P	P	a	P	P	P	P	P	P	P	P
149	208T1A05D8	DARAM LAKSHMI SASI REKHA	P	P	P	P	P	P	a	P	P	P	a	a
150	208T1A05D9	DEVARAKONDA PAVAN BABU	P	P	P	P	P	P	P	P	P	P	P	a
151	208T1A05E1	DUGGIPOGU AKSHAYA	P	P	P	P	P	P	a	a	P	P	P	P
152	208T1A05E2	GADDAM PRUDHVI RAHUL	P	P	P	P	a	P	P	P	P	P	P	P
153	208T1A05E3	GOLKONDA MEENAKSHI	P	P	P	a	P	P	P	P	P	P	P	a
154	208T1A05E4	GONE DINESH	P	P	P	P	P	P	P	P	P	a	P	a

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155	208T1A05E5	KATARI BABITHA	a	P	P	P	P	P	P	a	a	P	P	a
156	208T1A05E6	KALAPALA KAVYA	P	P	P	P	a	P	P	P	P	P	P	P
157	208T1A05E7	KASARAGADDA NARMADA	P	P	P	a	P	P	P	P	P	P	a	P
158	208T1A05E8	KODALI CHARAN RAJ	P	P	P	P	P	P	P	P	P	P	P	P
159	208T1A05E9	KOLLI CHETAN RAM	P	P	P	P	P	a	P	P	P	a	P	P
160	208T1A05F0	KOPPULA BINDU SRI	a	P	P	a	P	a	a	a	P	a	P	a
161	208T1A05F1	KOTTAMASU NAGA VENKATA JYOTHI	P	P	P	P	a	P	P	P	a	P	P	P
162	208T1A05F2	KRISHNA MAHITHA NEKKALAPUDI	P	P	P	P	P	P	a	P	P	P	P	P
163	208T1A05F3	KURUMADDALI NAGA GOVINDA SIVA SAI ADITHYA	P	P	P	a	P	P	P	P	P	P	a	P
164	208T1A05F4	LINGAM MANOGNA SWETHA	P	a	P	P	P	P	a	P	P	P	P	P
165	208T1A05F5	LOYA SRI CHAITANYA DEEPIKA	P	P	P	P	P	P	P	a	P	P	P	a
166	208T1A05F6	LUKKA LAKSHMI PRASANNA	P	P	P	P	P	P	a	P	P	a	P	P
167	208T1A05F7	MANIKALA RAJESH	a	P	P	a	P	P	P	P	P	P	P	P
168	208T1A05F8	MARADA SRI LALITHA	P	P	P	P	P	P	P	P	a	P	a	P
169	208T1A05F9	MATA MANOHAR	P	P	P	P	a	P	P	P	P	P	P	a
170	208T1A05G0	MEESALA TULASI	P	P	P	P	P	P	P	P	P	P	P	a
171	208T1A05G1	MUKKU VASU	P	P	P	P	P	P	P	P	P	P	P	P
172	208T1A05G2	MUNAGALA RAJU	P	P	P	P	P	P	P	P	P	P	P	a
173	208T1A05G4	NALLAM	P	P	P	P	a	P	P	P	P	P	P	P

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		NAGASATYA SAI	P	P	P	P	a	P	P	P	a	P	a	P
174	208T1A05G5	NIMMAGADDA SAIVAMSI	a	a	a	P	P	P	a	a	P	P	P	P
175	208T1A05G6	PARAMKUSAM RAGA SRI SUDHA	P	P	P	P	P	P	P	P	P	a	P	P
176	208T1A05G7	PATNALA PHANI RAM SANKAR	P	P	P	P	a	P	P	P	P	a	P	P
177	208T1A05G8	POTTI PRAVEEN KUMAR	P	P	P	a	P	P	P	P	P	P	P	a
178	208T1A05G9	RELI BHAGYA RAJ	P	P	P	P	P	a	P	P	a	P	P	a
179	208T1A05H0	RUDRAPATI SRI AVINASH	P	P	P	P	a	a	a	P	P	P	P	a
180	208T1A05H1	SAI SRIYA KONGARA	P	P	P	a	P	a	P	P	P	P	P	P
181	208T1A05H2	SHAIK ASHI	P	P	P	P	P	P	P	a	a	P	P	P
182	208T1A05H3	SHAIK JOHN SAIDA	P	P	P	P	P	a	P	P	P	P	a	P
183	208T1A05H4	SHAIK SABA YASMEEN	P	P	P	P	a	P	P	P	P	P	P	a
184	208T1A05H5	SIDARALA YUVA DEVA CHANDRA SIVA NAGA RAJU	P	P	a	P	a	P	a	P	P	a	a	a
185	208T1A05H6	SUNKARA MOUNIKA	P	P	a	P	P	a	P	a	P	P	P	P
186	208T1A05H7	SUARNAGANTI GAYATHRI	P	P	P	P	P	P	a	P	P	P	P	P
187	208T1A05H8	TALARI PRAVEEN KUMAR	P	P	P	a	a	P	P	P	P	P	P	a
188	208T1A05H9	TALLURU SOWMYA	P	P	P	P	P	a	P	a	a	P	P	a
189	208T1A05I0	TATIKONDA SAI VIJNATHI	P	P	P	P	P	P	P	P	P	P	a	a
190	208T1A05I1	TERLI SRIHARI	P	P	P	P	a	P	a	a	P	P	P	P
191	208T1A05I2	TETAKAYALA MOHANA VENKATA	P	P	P	P	P	a	P	P	P	P	P	P

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		KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P
192	208T1A0513	THOTA HARSHITHA	P	P	P	P	P	P	P	P	P	P	P	P
193	208T1A0514	TIKKAVARAPU VYSHNAVI	P	P	P	P	P	P	P	P	P	P	P	P
194	208T1A0515	UPPALA SRAVANTHI	P	P	P	P	P	P	P	P	P	P	P	P
195	208T1A0516	VAMPUGANI.DURGA NAGA VENKATA SRAVANTHI	P	P	P	P	P	P	P	P	P	P	P	P
196	208T1A0517	VINUKONDA RISHIKA	P	P	P	P	P	P	P	P	P	P	P	P
197	208T1A0518	YARAGANI PRIYANKA	P	P	P	P	P	P	P	P	P	P	P	P
198	208T1A0519	YOGA SRI TUNGALA	P	P	P	P	P	P	P	P	P	P	P	P
199	208T1A0510	RACHAPUDI ALEKHYA	P	P	P	P	P	P	P	P	P	P	P	P
200	218T5A0515	THADI TULASI	P	P	P	P	P	P	P	P	P	P	P	P
201	218T5A0516	VEERNALA RAGHU SAI	P	P	P	P	P	P	P	P	P	P	P	P
202	218T5A0517	METRA CHENNAKESAVA	P	P	P	P	P	P	P	P	P	P	P	P
203	218T5A0518	MAHASIVABATPU PRAVALLIKA	P	P	P	P	P	P	P	P	P	P	P	P
204	218T5A0519	MALE YASASWI	P	P	P	P	P	P	P	P	P	P	P	P
205	218T5A0520	NAGINENI ANUSHA	P	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator
6/9

HOD
6/9/2022

Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VJAYAWADA – 521 139

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Department of Computer Science and Engineering

Date:06/09/2022

PROGRAM REPORT

Name of the Event: A Two-Week Certification Program on “MongoDB”

Dates: 23-08-2022 to 05-09-2022

Resource Person: Mr. M. Ravi Kanth, Assistant Professor, Department of CSE

Email:ravikanthmishra@gmail.com

Contact Number: +91 8985675752

Name of the Co-Ordinator: Mrs. N. Sri Lakshmi

Number of Students Attended:205

Venue:CSE Seminar hall

DhaneKula Institute of Engineering & Technology, Ganguru, organized certificate program on “MongoDB” for IIB.Tech Students by the Resource Person Mr.M.Ravikanth. MongoDB is an open-source document-based database management tool that stores data in JSON-like formats. It is a highly scalable, flexible and distributed NoSQL database. MongoDB fulfils today's era requirement, with a quick, easy learning curve. Due to open source, high performance, scalability, and availability, many companies are using it in the production phase.

Objectives:

- Understanding NOSQL Databases.
- Learn the fundamental differences between SQL and NOSQL databases.
- Understand advantages & disadvantages of using a NOSQL database like MongoDB.
- Understand how to interact with MongoDB through the command line and drivers for different programming languages.
- Explore the MongoDB query language.
- Understand how MongoDB is used in different industries and scenarios.

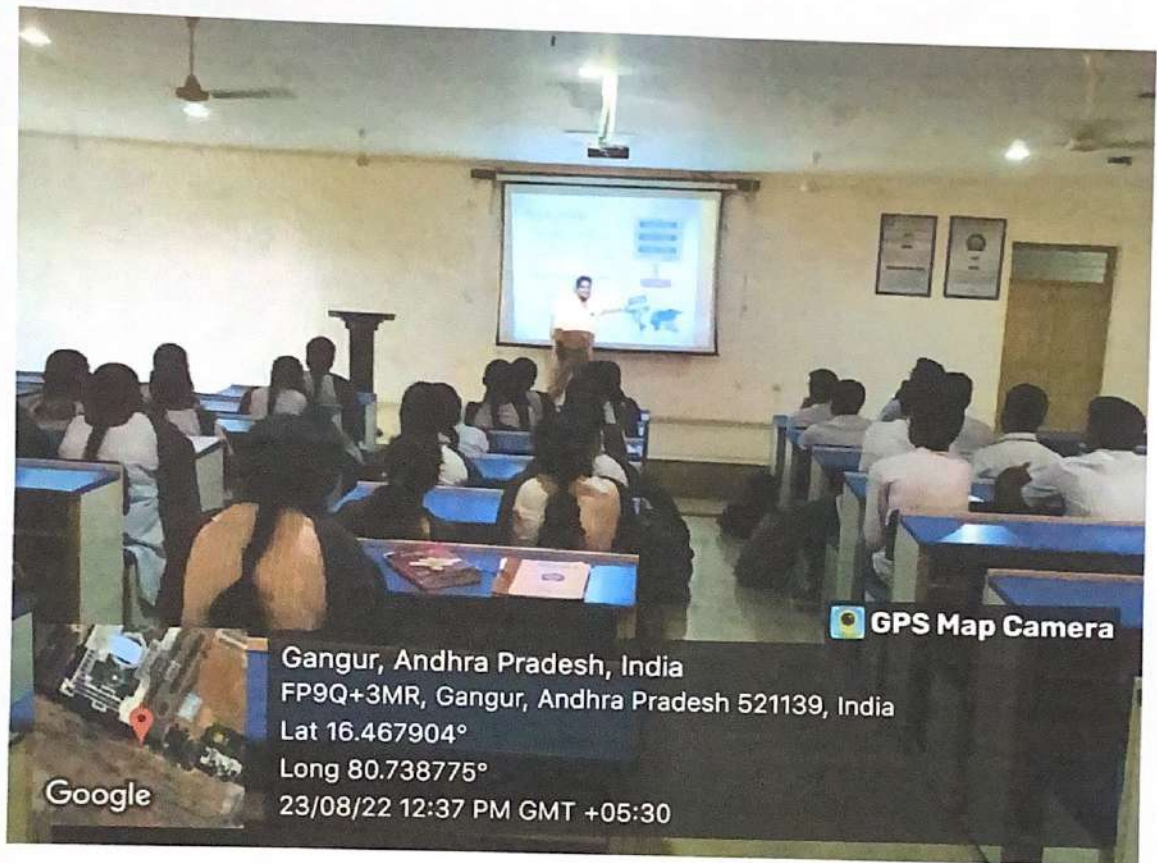
Learning Outcomes:

Student can learn the following outcomes:

- Understand NOSQL Concepts.
- They can Learn CRUD Operations.
- Understand and implement best practices for data modeling in a document-oriented database.
- Write MongoDB queries to retrieve and manipulate data.
- Create and use indexes to optimize query performance.
- Apply the MongoDB Aggregation Framework to perform complex data manipulations.
- Apply techniques for optimizing query performance and database throughput.

- Develop and implement backup strategies for MongoDB databases.

Dhanekula Institute of Engineering & Technology has organized "A Two-Week Certification Program on **MONGODB**" for III year B. Tech students from 23-08-2022 to 05-09-2022. A total of 205 students were participated in this program. This course is very useful to students and their feedback is positive.



Program Co-Ordinator
[Signature]

HOD
6/9/2022
Head of the Department
Computer Science & Engineering
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OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



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Department of Computer Science and Engineering

Assessment Form

Name of the Program: **MongoDB**

Date : **05-09-2022**

Time :30 min

Max Marks :20 * 1 =20 Marks

Reg No: **208T1A0574**

Academic Year : 2022-23

Year/Sem : III-I

1. Amongst which of the following is / are true about MongoDB?

- A .MongoDB is a cross-platform database B. Document oriented database
C. .High performance database D. All of the mentioned above

2. The data model available within MongoDB allows us to represent ___.

- A. Hierarchical relationships B. Able to handle complex structures
 C. Both A. and B. D. None of the mentioned above

3. MongoDB is one of the leading NoSQL databases?

- A. True B. False

4. A record in MongoDB is a ___.

- A .Document B. Table C. Application D. None

5. MongoDB stores documents in ___.

- A.Store B. Collections C.Indexes D.None

6. The Collections screen ___ the existing collections.

- A. Lists B.Package C.Network D.None

7. The Collections screen displays ___ for each collection in the selected database.

- A.Collection name B.Number of documents in the collection
 C.Both A. and B. D.None

8. A document is a set of ___.

- A.Key-value pairs B.Application pairs C.Activity pair set D.None

9. Aggregation's operations process data records and return computed results.

- A.True B.False

10. Amongst which of the following is / are true about the authentication ___.

- A.It is a process of verifying the identity of a client
B.It is a process of verifying network
C.It is a process of verifying the database
D.None of the mentioned above

11. Amongst which of the following is / are the client and user authentication mechanisms in MongoDB.

- A.SCRAM-SHA-1 B.MongoDB Challenge and Response C.,Both A. and B. D.None

18
—
20

12. Keyfile and X.509 are the internal authentication mechanisms in MongoDB.

- A.True B.False

13. The document structure is more in line with how developers construct their ____.

- A.Network and security B.Classes and objects
C.Tables and relations D.None of the mentioned above

14. Cursor is a pointer to the result set of a ____.

- A.Query B.Table C.Dataset D.None

15. Field is a name-value pair in a ____.

- A.Attribute B.Table C.Document D.None

16. MongoDB supports searching by ____.

- A.Field B.Range queries C.Regular expression D.All

17. Indexes can be created to improve the performance of searches within ____.

- A.MongoDB B.NoSQL C.Both A. and B D.None

18. MongoDB can provide high availability with replica sets?

- A.True B.False

19. The data in MongoDB has a flexible schema?

- A.True B.False

20. NoSQL is not a ____.

- A.Relational database
B.Network database
C.Communication set
D.None of the mentioned above



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Certificate of Participation

This is to certify that

Mr./Ms V. Divya Sri from DhaneKula

Institute of Engineering & Technology has participated in

A Two-Week Cerification Program on

Mongo DB

Organized by the

Department of Computer Science and Engineering

from 23/08/22 to 05/09/22


Coordinator


HOD


Principal



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Certificate of Participation

This is to certify that

Mr./Ms M. Priyadarshini from DhaneKula

Institute of Engineering & Technology has participated in

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Date:01/10/2022

CIRCULAR

This is hereby to inform all the IV B.Tech students that, the CSE department is organizing **A Two-Week Certification Program on Node.js** by Dr. K. Sandeep, Associative Professor of IT from 10-10-2022 to 22-10-2022. Hence all the students are informed to enroll their names on or before 07-10-2022 and utilize this opportunity.

Venue:CSE Seminar Hall

Co-Ordinator:Mrs. N. Madhuri, Assistant Professor, Dept. of CSE


Co-Ordinator 1/10


HOD 1/10/22
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



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Department of Computer Science and Engineering A Two-Week Certification Program

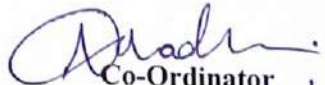
On


Node.js

(10-10-2022 to 22-10-2022)

Date	Session – I	Session – II	Session – III
10-10-2022	Importance of Node.js	About Functions, Buffer, Module	About Module Types, Core Modules, Local Modules, Modules Exports
11-10-2022	Introduction to Node Package Manager	About Installing Packages Locally, Installing packages globally.	About Adding dependency in package Json, Updating packages
12-10-2022	About Creating Web Server	Practice Session on Sending Requests	Practice Session on Handling HTTP requests
13-10-2022	About File System Operations	Read File, writing a File, opening a File, deleting a File, Writing a file asynchronously, Other I/O Operations	Practice Session on File system Operations.
14-10-2022	Introduction to Debugging Node JS Application	How to use Core Node JS Debugger	Practice Session on Core Node JS Debugger
15-10-2022	About Event classes	About Event Emitter class, Inheriting Events, Returning event emitter.	Practice Session
17-10-2022	Introduction to Express JS	About Configuring Routes, Working with Express	Practice Session
18-10-2022	About Serving Static Resources	How to use Serving Static Files	Practice Session on Serving Static resources
19-10-2022	Introduction to middle ware	Working with Middle Ware	Practice Session
20-10-2022	Introduction to Database Connectivity	Working with Select Command, Deleting Records	Practice Session on Database Connectivity
21-10-2022	Introduction to Database Operations	Connecting String, Configuring, Updating Records, Redirection, pipes and filters	Practice Session

22-10-2027	About Project Development	Project Development using Node JS	Sample Project Development
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Co-Ordinator
1/10/22


HOD
1/10/22
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

ABOUT THE COLLEGE

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed Internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering

CO-ORDINATING COMMITTEE

Chief-Patron :-

Sri Dhanekula Ravindranath Tagore
Chairman

Patrons :-

Sri Dhanekula Bhavani Prasad
Secretary & Correspondent.
Dr. Ravi Kadiyala
Principal.

Co-Ordinators :-

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A Two-Week Certification Program on "Node JS"

(Oct 10th & 22nd, 2022)

Organized by
Computer science and engineering

VENUE: SEMINAR HALL
Dhanekula Institute of Engg. &Tech., Ganguru,
Vijayawada - 521 139



DHANEKULA
Institute of Engineering
and Technology

ABOUT THE DEPARTMENT

The Computer Science & Engineering department has become the centre for learning with its excellent infrastructure and other facilities. The CSE Labs are well equipped with Dual Core clients running on Windows and Linux licensed latest versions of operating systems and software's, Xeon server equipped with all licensed software's.

The systems in the entire campus are connected through 10/100/1000 Mbps CAT 6 UTP cabling, high-end routers and switches with 42Mbps internet facility and optical fiber cable running all over the campus. The labs are established with an objective to promote practical knowledge in latest cutting-edge technologies and research work.

The department is having well qualified and experienced faculty members. The faculty is a perfect blend of different specializations in Computer Science and Engineering to impart their expertise in handling diversified courses of the Undergraduate programs. The teaching methodology in the department goes beyond fulfilling the syllabus requirements of the University, to meet the today's industry needs.

ABOUT THE THEME

This theme focused on node JS, goal is to provide knowledge and skills they need to done effectively on node JS concepts to the students

MAJOR COURSE CONTENTS

- Importance of Node.js
- About Functions, Buffer, Module
- Introduction to Node Package Manager
- About Creating Web Server
- About File System Operations
- Read File, Writing A File, Opening a File, Deleting a File, Writing a file asynchronously, Other I/O Operations
- Introduction to Debugging Node JS Application
- Introduction to Express Js
- About Configuring Routes, Working with Express

OUTCOMES

- Deployment and making node applications using Express Framework
- Create scalable and responsive web apps.
- Working with streams and events for better non-blocking I/O
- MongoDB and MySQL
- Development of Rest API et
- Gain confidence in handling errors effectively to ensure runtime reliability.



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Approved by AICTE, Affiliated to JNTUK, An ISO 9001:2015 Certified Institute
Accredited by NBA (CE, EEE, ME, ECE, CSE) and NAAC

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

REGISTRATION CUM NOMINATION FORM

A TWO-WEEK CERTIFICATION
PROGRAM ON
"Node JS"
(OCT 10TH - 22ND, 2022)

Name : _____

Redg. No: _____

Department: _____

College Name : _____

Mobile No. : _____

Email : _____

Address : _____

Signature of participant



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Computer Science and Engineering
A Two Week Certification Program

On

Node.js

(10-10-2022 to 22-10-2022)

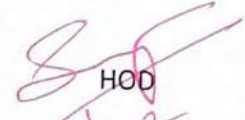
S.No	Roll Number	Name of the Student	Signature
1	198T1A0501	AKUNURI KEERTHI SRI	A. Keerthi Sri
2	198T1A0502	AMARLAPUDI KEERTHANA	A. Keerthana
3	198T1A0503	ANANTHAPALLI DURGA NAGA SAI MANOGJNA	ADNS Manojna
4	198T1A0504	ANNAM YASASWI	A. Yasaswi
5	198T1A0505	ATLURI RAMYA	A. Ramya
6	198T1A0506	ATTUNURU LAKSHMI KANTHA REDDY	A-L-Kantha Reddy
7	198T1A0507	ATTUNURU TRIVENI	A. Triveni
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9	198T1A0509	BAPATLA YAMINI CHAITANYA	B. Yamini Chaitanya
10	198T1A0510	BHARGAVI BOBBA	B. Bhargavi
11	198T1A0511	BUDALA SYAMBABU	B. Syambabu
12	198T1A0512	CHALLA SAI SINDHU	Ch. Sai Sindhu
13	198T1A0513	CHANAMOLU MANEESHA	MANEESHA
14	198T1A0514	CHANAMOLU RAMU	Ch. Ramu
15	198T1A0515	CHENNUPATI SAI NIHITH	Ch. Sai Nihih
16	198T1A0516	CHINNAPURAPU NIKHITHA	Ch. Nikhitha
17	198T1A0517	CHIRUMAMILLA KAVYA	Ch. Kavya
18	198T1A0518	CHITTEMSETTY SWETHA	Ch. Swetha
19	198T1A0519	CHODAVARAPU SNOWJA	Ch. Snowja
20	198T1A0520	DASARI JAHALYA	D. Jahalya
21	198T1A0521	DASARI NAVYA	D. Navya
22	198T1A0522	DATLA SAI SRAVANI	D. Sai Sravani
23	198T1A0523	DEVU MANASA	D. Manasa
24	198T1A0524	DIRISANA AKSHAY	D. Akshay
25	198T1A0525	DIVVELA HARSHITHA	D. Harshitha
26	198T1A0526	DODDA HARSHA VARDHAN	D. Harsha Vardhan
27	198T1A0527	DODDA MANI SAI KAPIL	Mani Sai Kapil
28	198T1A0528	DUGGARAJU SRIGAYATRI SUMANA	D. S. G. Sumana
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35	198T1A0535	GORLA SRIKANTH REDDY	Srikanth Reddy
36	198T1A0536	GORRUMUCHU GAYATHRI	G. Gayathri
37	198T1A0537	GOWRA BHANUPRAKASH	G. Bhanuprakash
38	198T1A0538	GURIJALA SURYA TEJA	G. Surya Teja
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41	198T1A0541	GUVVALA JEEVAN REDDY	G. Jeevan
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74	198T1A0571	MUNIPALLI SUJITH BHANU	M. Sujith Bhanu
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76	198T1A0573	MUTTINENI SAI HARSHA	M. Sai Harsha
77	198T1A0574	MUVVA DEVI PRIYA	M. Devi Priya

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84	198T1A0581	PAKALAPATI ROSE	P. Rose
85	198T1A0583	PASUPULETI HARSHITHA	P. Harshitha
86	198T1A0584	PATTIPATI LAKSHMI NARASIMHA	P. Lakshmi Narasimha
87	198T1A0585	PAVULURI VENKATA SAI SUDHEER	P. Venkata Sai sudheer
88	198T1A0586	PEMMARAJU SREE RAMYA	P. Sree Ramya
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92	198T1A0590	PULAVARTHI SRI HARSHITH	P. Sri Harshith
93	198T1A0592	RUDRU CHANAKYA SRINIVAS YADAV	R. Srinivas Yadav
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95	198T1A0594	SANIKOMMU CHARMIKA	S. Charmika
96	198T1A0595	SATULURI VENKATA LAKSHMI RASAGNA	S. Rasagna
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98	198T1A0598	SHAIK DADA NAGUR MEERAVALI	S. Nagur
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100	198T1A05A0	SHAIK LOUISHA	Sk. Louisha
101	198T1A05A1	SHAIK SAMEER	Sk. Sameer
102	198T1A05A2	SHAIK SHAMIN	Sk. Shamin
103	198T1A05A3	SREERAMA SRIYA	Sr. Sriya
104	198T1A05A4	SUNKARA JAHNAVI	T. N. Lakshmi S. Jahnvi
105	198T1A05A5	SUNKAVALI LAKSHMI DEVI	S. Lakshmi Devi
106	198T1A05A6	SURAPANENI VENKATA SAI KRISHNA	S. V.S. Krishna
107	198T1A05A7	SUREDDY CHATURYA	S. Chaturya
108	198T1A05A8	SYED SIRAJUDDIN	Sd. Sirajuddin
109	198T1A05A9	TANNEERU GURUCHARAN	T. Gurucharan
110	198T1A05B0	TANURI INDRAJA	T. INDRAJA
111	198T1A05B1	THOTA NIKHILA NAIDU	T. NIKHILA NAIDU
112	198T1A05B2	TULLURI VINEETHA	T. Vineetha
113	198T1A05B3	TUMMALACHARLA JAYANTH KUMAR	T. Jayanth Kumar
114	198T1A05B4	TUMMALACHARLA MADHU BHAVANI	T. Madhu Bhavani
115	198T1A05B5	UMMADISETTY JALA MAHESH	Jala mahesh
116	198T1A05B6	VALLURI SAI PRASANNA	Saiprasanna
117	198T1A05B7	VALLURI SHALINI	Vshalini
118	198T1A05B8	VARAGANI SASI DURGA	V. Sasi Durga
119	198T1A05B9	VARRE ALEKHYA	V. Alekhy
120	198T1A05C0	VARRE KEERTHI SRI	Keerthi Sri
121	198T1A05C1	VEERANKI JAYA SIVA PARVATHI	V. Jaya Siva parvathi
122	198T1A05C2	VETAPALEM THANUJA	V. Thanuja
123	198T1A05C3	VUYYURU NAGA SAI KIRAN	V. Naga Sai Kiran
124	198T1A05C4	YADDANAPUDI SIVA NAGA PAVANI	Siva Naga Pavani

125	198T1A05C5	YENNI KUMARI	Y. Kumari
126	198T1A05C6	YEPURI DHARANI KUMAR	H. Dharani
127	208T5A0506	KAVURU SAI NAVEEN	K. Naveen.
128	208T5A0507	PATHAN KHAJAMOHIDDINKHAN	P. Khajamohiddinkhan
129	208T5A0508	PEDASINGU CHANDRA SEKHA	P. Chandra Sekha
130	208T5A0509	PILLA YUVA RAJU	P. Yuva Raju
131	208T5A0510	VUYYURU JAYA LAKSHMI	V. Jaya Lakshmi
132	208T5A0511	YADAMREDDY PRATYUSHA	Y. Pratyusha
133	208T5A0512	YERUKONDA VENKATA KRISHNA VAMSI	Y.V. Krishna Vamsi
134	208T5A0513	ZEENATHUNNISA	Zeenathunnisa


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 HOD
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A Two-Week Certification Program On Node.js (10-10-2022 to 22-10-2022)


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1	198T1A0501	AKUNURI KEERTHI SRI	P	P	P	P	a	P	P	P	P	P	P	P
2	198T1A0502	AMARLAPUDI KEERTHANA	P	P	P	P	a	P	P	P	P	P	P	P
3	198T1A0503	ANANTHAPALLI DURGA NAGA SAI MANOGJNA	P	P	P	A	P	a	a	P	P	P	P	P
4	198T1A0504	ANNAM YASASWI	P	P	P	P	P	a	a	P	P	P	P	P
5	198T1A0505	ATLURI RAMYA	P	a	P	A	P	a	P	P	P	a	P	a
6	198T1A0506	ATTUNURU LAKSHMI KANTHA REDDY	a	a	P	P	P	P	a	P	P	P	P	P
7	198T1A0507	ATTUNURU TRIVENI	P	P	A	P	P	P	P	a	P	P	a	P
8	198T1A0508	AYYAGARI ESHWARI NAGA SANKARA BHUVANA	P	P	P	a	P	P	a	a	P	P	P	P
9	198T1A0509	BAPATLA YAMINI CHAITANYA	P	P	A	P	P	a	P	P	P	P	P	P
10	198T1A0510	BHARGAVI BOBBA	P	P	P	a	P	P	P	P	P	P	P	P
11	198T1A0511	BUDALA SYAMBABU	P	P	P	a	P	P	P	P	P	P	P	P
12	198T1A0512	CHALLA SAI SINDHU	P	a	P	P	P	a	P	P	P	a	a	P

S.No	Roll Number	Name of the Student	10-10-2022	11-10-2022	12-10-2022	13-10-2022	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	21-10-2022	22-10-2022
35	198T1A0535	GORLA SRIKANTH REDDY	P	P	P	P	P	a	P	P	P	P	P	P
36	198T1A0536	GORRUMUCHU GAYATHRI	P	P	P	P	P	a	a	P	P	P	P	P
37	198T1A0537	GOWRA BHANUPRAKASH	P	P	A	P	P	P	P	P	P	P	P	P
38	198T1A0538	GURIJALA SURYA TEJA	P	P	P	P	P	P	a	P	P	a	a	P
39	198T1A0539	GUTTA HYNDAVI	P	P	P	P	a	P	P	a	P	P	P	P
40	198T1A0540	GUTTA PRASHANTH	P	P	P	a	a	P	P	a	a	a	P	P
41	198T1A0541	GUVVALA JEEVAN REDDY	P	P	P	P	P	a	P	P	P	P	P	P
42	198T1A0542	KAKUMANI AKASH	P	P	P	P	P	a	a	P	P	P	P	P
43	198T1A0543	KANAKAMEDALA LIKHITA	P	P	P	a	P	P	P	a	P	P	P	P
44	198T1A0544	KANDULA KAVYA	P	P	P	P	P	P	P	P	P	a	a	P
45	198T1A0545	KATA HEMANTH NAGA VENKATA SAI	P	P	A	P	P	a	a	P	P	P	a	P
46	198T1A0546	KEERTHI AKSHAYA VENIGALLA	P	P	P	a	P	a	P	P	P	P	P	P
47	198T1A0547	KESAMNENI SATHVIKA	P	a	P	a	P	P	a	P	a	P	P	P
48	198T1A0548	KOLLURI SOWJANYA	a	P	P	P	a	P	P	P	a	P	P	P
49	198T1A0549	KOLUSU SAI MADHAV	P	P	P	P	P	a	P	P	P	P	P	P
50	198T1A0550	KONAPARTHI NAGA NIKHIL	P	P	P	P	a	a	P	a	P	a	P	a
51	198T1A0551	KONERU RAMANUJA CHOWDARY	P	P	P	P	P	P	a	a	P	a	P	P
52	198T1A0552	KOTNANI BINDU SRAVYA	P	P	A	P	P	P	a	P	P	P	P	P
53	198T1A0553	KUNIREDDY PRANEETH	P	P	P	P	P	P	P	P	a	a	P	P
54	198T1A0554	LANKE JYOTHI SWAROOP	P	P	P	P	P	P	a	a	P	P	P	P
55	198T1A0556	MANDALA MANI SARADHI	a	a	P	a	P	a	P	a	P	a	P	P
56	198T1A0557	MAREEDU JAHNAVI	P	P	P	P	P	a	P	P	P	P	a	P

S.No	Roll Number	Name of the Student	10-10-2022	11-10-2022	12-10-2022	13-10-2022	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	21-10-2022	22-10-2022
79	198T1A0576	NALI SAILAJA	P	P	P	P	P	a	P	P	P	P	P	P
80	198T1A0577	NALLURI HARSHAVARDHAN	P	P	P	P	P	a	P	a	P	P	P	P
81	198T1A0578	NANNAPANENI PUJITHA	P	P	P	a	P	P	a	a	P	a	P	P
82	198T1A0579	NARAGAM PUSHPITHA	P	P	P	P	P	P	a	P	a	P	P	P
83	198T1A0580	NUKALA KALYANI	P	P	P	P	P	a	P	P	P	a	P	P
84	198T1A0581	PAKALAPATI ROSE	P	P	P	a	a	a	P	P	P	P	a	P
85	198T1A0583	PASUPULETI HARSHITHA	a	P	P	P	P	P	a	P	P	P	P	P
86	198T1A0584	PATTIPATI LAKSHMI NARASIMHA	P	P	P	P	a	P	P	a	P	a	P	P
87	198T1A0585	PAVULURI VENKATA SAI SUDHEER	P	P	P	a	P	a	P	a	P	P	P	P
88	198T1A0586	PEMMARAJU SREE RAMYA	P	P	P	P	P	P	P	P	P	P	P	P
89	198T1A0587	PEYYALA NAGA TEJENDRA	P	P	P	P	P	a	a	P	a	P	P	P
90	198T1A0588	POLAKA VAMSI	P	P	P	a	P	P	P	P	P	a	P	P
91	198T1A0589	PONUGOTI THIRUMALA SAI SRIRAM	P	P	P	a	P	P	a	P	P	P	P	P
92	198T1A0590	PULAVARTHI SRI HARSHITH	a	P	P	P	a	P	P	P	P	P	P	P
93	198T1A0592	RUDRU CHANAKYA SRINIVAS YADAV	P	P	P	P	a	a	P	a	P	a	P	P
94	198T1A0593	SAI THARUN MANNAM	P	P	P	P	P	P	a	P	P	P	P	P
95	198T1A0594	SANIKOMMU CHARMIKA	P	P	P	P	P	a	P	P	P	P	P	P
96	198T1A0595	SATULURI VENKATA LAKSHMI RASAGNA	P	P	P	a	P	P	a	P	P	P	P	a
97	198T1A0596	SHAIK AFREEN FATHIMA	a	P	P	a	P	P	P	P	P	P	a	P
98	198T1A0598	SHAIK DADA NAGUR MEERAVALI	P	P	P	a	P	a	P	P	P	a	P	P

S.No	Roll Number	Name of the Student	10-10-2022	11-10-2022	12-10-2022	13-10-2022	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	21-10-2022	22-10-2022
99	198T1A0599	SHAIK KARIMULLA	P	P	P	A	P	A	P	P	P	P	P	P
100	198T1A05A0	SHAIK LOUISHA	P	P	P	P	P	A	A	P	P	P	P	P
101	198T1A05A1	SHAIK SAMEER	P	P	P	P	P	P	P	P	P	A	P	P
102	198T1A05A2	SHAIK SHAMIN	P	P	P	P	P	P	P	P	A	P	P	P
103	198T1A05A3	SREERAMA SRIYA	P	P	P	P	P	P	A	A	P	P	P	P
104	198T1A05A4	SUNKARA JAHNAVI	P	P	P	A	P	P	P	A	P	P	A	P
105	198T1A05A5	SUNKAVALLI LAKSHMI DEVI	P	P	P	A	P	A	A	P	P	P	P	P
106	198T1A05A6	SURAPANENI VENKATA SAI KRISHNA	A	A	P	A	P	A	P	P	P	P	P	P
107	198T1A05A7	SUREDDY CHATURYA	P	P	P	A	P	P	P	P	P	P	P	P
108	198T1A05A8	SYED SIRAJUDDIN	P	P	P	A	P	P	A	P	A	A	P	P
109	198T1A05A9	TANNEERU GURUCHARAN	P	P	A	P	P	A	P	P	P	P	P	P
110	198T1A05B0	TANURI INDRAJA	P	A	P	P	P	A	A	P	P	P	P	P
111	198T1A05B1	THOTA NIKHILA NAIDU	P	P	P	P	P	A	P	P	P	A	P	P
112	198T1A05B2	TULLURI VINEETHA	P	P	P	P	P	P	P	P	P	P	P	P
113	198T1A05B3	TUMMALACHARLA JAYANTH KUMAR	A	A	P	P	P	P	A	A	P	P	P	P
114	198T1A05B4	TUMMALACHARLA MADHU BHAVANI	P	P	P	P	P	P	A	A	P	P	P	P
115	198T1A05B5	UMMADISETTY JALA MAHESH	P	P	P	A	A	A	P	P	P	P	P	P
116	198T1A05B6	VALLURI SAI PRASANNA	P	P	P	A	A	P	P	P	P	A	A	P
117	198T1A05B7	VALLURI SHALINI	P	P	A	P	P	P	A	P	P	P	P	P
118	198T1A05B8	VARAGANI SASI DURGA	P	P	P	P	P	P	P	A	A	P	P	P
119	198T1A05B9	VARRE ALEKHYA	P	P	P	A	P	P	A	P	P	P	P	P
120	198T1A05C0	VARRE KEERTHI SRI	P	P	P	A	P	P	A	P	P	P	P	P
121	198T1A05C1	VEERANKI JAYA SIVA PARVATHI	A	P	P	P	P	A	P	P	P	A	P	A
122	198T1A05C2	VETAPALEM THANUJA	P	P	P	P	P	A	P	P	P	A	P	P

S.No	Roll Number	Name of the Student	10-10-2022	11-10-2022	12-10-2022	13-10-2022	14-10-2022	15-10-2022	17-10-2022	18-10-2022	19-10-2022	20-10-2022	21-10-2022	22-10-2022
123	198T1A05C3	VUYYURU NAGA SAI KIRAN	P	P	P	P	P	P	P	P	P	P	P	P
124	198T1A05C4	YADDANAPUDI SIVA NAGA PAVANI	P	P	P	P	P	P	P	P	P	P	P	P
125	198T1A05C5	YENNI KUMARI	P	P	P	P	P	P	P	P	P	P	P	P
126	198T1A05C6	YEPURI DHARANI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
127	208T5A0506	KAVURU SAI NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P
128	208T5A0507	PATHAN KHAJAMOHIDDINKHAN	P	P	P	P	P	P	P	P	P	P	P	P
129	208T5A0508	PEDASINGU CHANDRA SEKHAR	P	P	P	P	P	P	P	P	P	P	P	P
130	208T5A0509	PILLA YUVA RAJU	P	P	P	P	P	P	P	P	P	P	P	P
131	208T5A0510	VUYYURU JAYA LAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P
132	208T5A0511	YADAMREDDY PRATYUSHA	P	P	P	P	P	P	P	P	P	P	P	P
133	208T5A0512	YERUKONDA VENKATA KRISHNA VAMSI	P	P	P	P	P	P	P	P	P	P	P	P
134	208T5A0513	ZEENATHUNNISA	P	P	P	P	P	P	P	P	P	P	P	P


 Co-Ordinator
 23/10/2022


 HOD
 23/10/22
 Head of the Department
 Computer Science & Engineering
 DHANEKULA INSTITUTE
 OF ENGINEERING AND TECHNOLOGY
 Ganguru, Vijayawada-521 139

17	218T1A0517	KAJULURI SRI DEVI SAI
18	218T1A0518	KAJULURI SRI DEVI SAI



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Department of Computer Science and Engineering

23-10-2022

PROGRAM REPORT

Name of the Event: A Two-Week Certification Program on “Node.js”

Dates: 10-10-2022 to 22-10-2022

Resource Person: Dr. K. Sandeep, Associate Professor, Department of CSE

Email: diet.ithod@gmail.com

Contact Number: +91 9160113333

Name of the Co-Ordinator: Mrs. N. Madhuri

Number of Students Attended: 134

Venue: CSE Seminar Hall

DhaneKula Institute of Engineering & Technology, Ganguru, organized certificate program on “Node JS” for IVB. Tech Students by the Resource Person Dr. K. Sandeep.

Objectives:

On completion of this course, students will be able to:

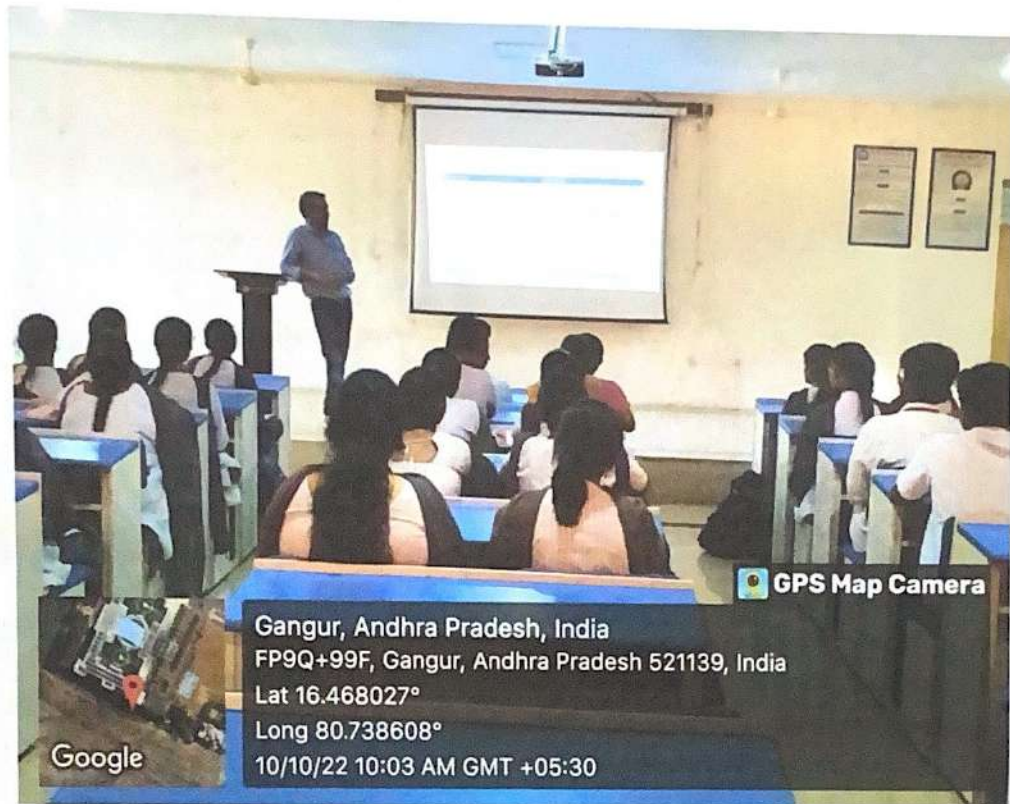
- Clearly understand the platform design choices that led to Node.js choosing an event loop and what this means for applications built on that foundation.
- Understand the unique trade-offs present in event-driven programming.
- Create Node.js modules and express code modularity in an application.
- Understand the core flow control patterns in Node.js and know when it is appropriate to use callbacks, event emitters or streams.
- Create and manipulate buffers efficiently.
- Understand how to manage error state and know when a process should exit due to an error.
- Create Web Applications to establish two-way communication between the Client & Server.
- Build network applications with Node.js.

Learning Outcomes:

Student can learn the following:

- Deployment and making node applications using Express Framework
- Create scalable and responsive web apps.
- Working with streams and events for better non-blocking I/O
- MongoDB and MySQL
- Development of Rest API etc.
- Gain confidence in handling errors effectively to ensure runtime reliability.

Dhanekula Institute of Engineering & Technology has organized "A Two-Week Certification Program" on "Node.js" for V-year B. Tech students from 10-10-2022 to 22-10-2022. A total of 134 students participated in this program. The course has extensive lab exercises to reinforce the concepts and techniques covered. This course is very useful to students and their feedback is positive.



[Signature]
Program Co-Ordinator
23/10

[Signature]
HOD
23/10
HOD of Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
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Department of Computer Science and Engineering

Assessment Form

Name of the Program: Node.js

Date : 22-10-2022

Time :30 min

Max Marks :20 * 1 =20 Marks

Reg No: 19871A05CO

Academic Year : 2022-23

Year/Sem : IV-I

1. What is Node.js primarily used for?

- A. Front-end development B. Back-end development C. Mobile app development D. Game development

2. Who is the original author of Node.js?

- A. Tim Berners-Lee B. Mark Zuckerberg C. Ryan Dal D. Larry Page

3. Which programming language is commonly used for server-side scripting in Node.js?

- A. Java B. Python C. JavaScript D. Ruby

4. What is the key advantage of Node.js for building scalable applications?

- A. Built-in database management B. Single-threaded, non-blocking I/O model
C. Extensive support for multi-threading D. Strictly typed language support

5. Which core feature of Node.js allows developers to execute functions asynchronously?

- A. Callbacks B. Promises C. Synchronous execution D. Threads

6. What package manager is commonly used in the Node.js ecosystem to manage dependencies?

- A. NPM B. Composer C. PyPI D. RubyGems

7. What is the primary purpose of the Node.js event loop?

- A. To create HTML templates B. To manage database migrations
C. To handle asynchronous operations efficiently D. To define API routes

8. Which platform is Node.js built on top of?

- A. .NET B. Java C. V8 JavaScript engine D. Ruby on Rails

9. What type of applications are well-suited for Node.js development?

- A. Scientific simulations B. Real-time applications, such as chat applications and online gaming
C. 3D modeling and animation D. Batch processing applications

10. What does "npm" stand for in the context of Node.js development?

- A. Node Package Management B. Notable Programming Module
C. New Project Maker D. Node Process Manager

11. What is the primary role of the Node.js event loop?

- A. Handling database queries B. Managing file I/O operations
C. Executing asynchronous code and managing concurrency D. Generating HTML templates

12. In Node.js, what is the core concept that enables non-blocking, asynchronous operations?

- A. Callbacks B. Threads C. Promises D. Synchronous execution

10/20

13. What is the key benefit of non-blocking I/O in Node.js?

- A. It makes I/O operations slower but more reliable.
- B. It allows multiple threads to run in parallel.
- C. It prevents code from executing concurrently.
- D. It enables efficient handling of multiple requests without blocking the event loop.

14. Which phase of the Node.js event loop processes I/O callbacks?

- A. Timers
- B. I/O Callbacks
- C. Poll
- D. Check

15. In the Node.js event loop, what happens during the "Timers" phase?

- A. File I/O operations are executed.
- B. Timers are processed, and their associated callbacks are executed.
- C. Network operations performed.
- D. Promises are resolved.

16. What is the primary data structure used to store pending events in the Node.js event loop?

- A. Linked lists
- B. Stacks
- C. Queues
- D. Arrays

17. Which Node.js method is commonly used to schedule a function to run after a specified number of milliseconds?

- A. setInterval
- B. setImmediate
- C. setTimeout
- D. process.nextTick

18. What is the purpose of the "Check" phase in the Node.js event loop?

- A. To check for syntax errors in the code
- B. To perform memory cleanup
- C. To execute callbacks scheduled by setImmediate
- D. To handle exceptions thrown during I/O operations

19. Which Node.js function is used to add a callback to the "next tick queue" for execution in the next iteration of the event loop?

- A. setTimeout
- B. setImmediate
- C. process.nextTick
- D. setInterval

20. In Node.js, what is the "Poll" phase responsible for?

- A. Executing timer callbacks
- B. Handling incoming network requests
- C. Cleaning up memory resources
- D. Blocking the event loop



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU : : VIJAYAWADA - 521139

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E-mail: principal@diet.ac.in , website: www.diet.ac.in , phone:0866-2583842/8333924842

Certificate of Participation

This is to certify that


Mr./Ms D. Navya from DhaneKula


Institute of Engineering & Technology has participated in
A Two-Week Cerification Program on

Node JS

Organized by the
Department of Computer Science and Engineering
from 10/10/22 to 22/10/22


Co-Ordinator


HOD


Principal



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Certificate of Participation

This is to certify that

Mr./Ms K. Naga Nikhil from DhaneKula

Institute of Engineering & Technology has participated in

A Two-Week Certification Program on

Node JS

Organized by the

Department of Computer Science and Engineering

from 10/10/22 to 22/10/22


Co-Ordinator


HOD


Principal



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Date:21/02/2023

CIRCULAR

This is hereby to inform all the II B.Tech students that, the CSE-II department is organizing
A Two-Week Certification Program on UNIX & LINUX Commands by Mr.M.Ravi Kanth,
Assistant Professor of CSE , from 03-03-2023 to 15-03-2023. Hence all the students are informed to
enroll their names on or before 26-02-2023 and utilize this opportunity.

Venue :CSE-II Seminar Hall

Co-Ordinator :Mrs. L. N. B. Jyostna, Assistant Professor, Dept. of CSE-II

Jyostna
21/2
Co-Ordinator

S. P.
HOD
21/2/2023
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
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DHANEKULA
Institute of Engineering and Technology

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Accredited by NBA, UPE, EEF, MEC, ECE, CSE, IIT and NAAC

Department of Computer Science & Engineering
REGISTRATION CUM NOMINATION FORM

(Photocopies may be used for additional participants)

A Two-Week Certification Program on
"UNIX AND LINUX COMMANDS"
(Mar 3rd - 15th, 2023)

1. Name: _____
2. Redg. No : _____
3. Department: _____
4. College Name : _____
5. Mobile No. : _____
6. E-mail : _____
7. Address : _____

Signature of participant

Department of Computer Science and Engineering
DhaneKula Institute of Engineering & Technology
is a private college located in Ganguru, near Vijayawada
city in Andhra Pradesh. It is affiliated to JNTUK
Kakinada.
Website: www.diet.ac.in

CO-ORDINATING COMMITTEE

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Sri DhaneKula Ravindranath Tagore
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Patrons

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Secretary & Correspondent.
Dr. Ravi Kadiyala
Principal.

Convener

Dr. B. Srinivasa Rao
Professor & HOD,
Department of CSE

Co-Ordinators

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Advisory Committee

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Dr. R.B. V. Subramanyam, Prof., NIT, Warangal
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Dr. A.S.N. Chakravarthy, Assoc. Prof. JNTU Kakinada.
Mr. V. Venkateswara Rao, Scientist-C, CERT-in
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Mr. P.V. Hari Prasad, Assoc. Prof. DIET
Mr. N. Ashok, Assoc. Prof. DIET

A Two-Week Certification Program
On
"UNIX AND LINUX COMMANDS"

Mar 3rd - 15th, 2023
Organized by
Computer science and engineering



DhaneKula Institute of Engineering & Technology
is a private college located in Ganguru, near
Vijayawada city in Andhra Pradesh. It is affiliated to
JNTUK Kakinada.



ABOUT THE COLLEGE

Dhanekula Institute of Engineering Technology, established in the year 2009, which is the first of its kind Technical Institute founded by Sri Dhanekula Ravindranath Tagore, a visionary and a living legend. Affiliated to JNTUK, Kakinada and approved by AICTE, has been awarded the ISO 9001:2000 Certification for academic standard by the internationally acclaimed TUV, Germany. It aims at providing a sound technical knowledge and broad vision to the technocrats of future as they are prepared for a successful tomorrow. To achieve the motto it has a comprehensive pedagogical structure which provides paramount academic skills, curriculum with the ever revolving dynamics of global business environment, esteemed faculty with their vast experience and expertise and world class facilities.

The institute is located in a serene atmosphere with magnanimous buildings having ultramodern computer labs, separate well-stocked IT library, high speed internet connectivity to meet the latest trends of teaching requirements in the area of technical teaching and learning. The college has an Institutional Membership with CSI and currently various activities are carried out under CSI student chapter. The institution is well stocked with various online journals to promote research and advances in technology for both students and faculty.

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (ECE & CSE) of engineering and at Diploma level in four areas (CE, ME, EEE, ECE) of engineering.

ABOUT THE DEPARTMENT

The Computer Science & Engineering department has become the centre for learning with its excellent infrastructure and other facilities.

The CSE Labs are well equipped with Dual Core clients running on Windows and Linux licensed latest versions of operating systems and software's, Xeon server equipped with all licensed software's.

The systems in the entire campus are connected through 10/100/1000 Mbps CAT 6 UTP cabling, high-end routers and switches with 42Mbps internet facility and optical fiber cable running all over the campus. The labs are established with an objective to promote practical knowledge in latest cutting-edge technologies and research work.

The department is having well qualified and experienced faculty members. The faculty is a perfect blend of different specializations in Computer Science and Engineering to impart their expertise in handling diversified courses of the Undergraduate programs. The teaching methodology in the department goes beyond fulfilling the syllabus requirements of the University, to meet the today's industry needs.

THEME OF WORKSHOP: This theme focused on UNIX and Linux commands, goal is to provide knowledge and skills they need to done effectively on UNIX and Linux command-line concepts to the students.



MAJOR COURSE CONTENTS

- Introduction to UNIX & LINUX
- Manipulating Files and Directories
- Using redirection & pipe facilities
- Introduction to VI editor
- About process commands
- Advanced features of VI editor
- Introduction to shell and types of shells
- About File permissions and access controls
- About shell scripting language
- About Back-up & Restore utilities
- Introduction to Background job scheduling

OUTCOMES

- Basic Navigation:

Participants learn how to navigate the file system, list directory contents, and display the current working directory.

- File and Directory Management:

Participants gain the ability to create, delete, copy, move, and rename files and directories.

- Content Viewing and Manipulation:

Participants can view the contents of text files, concatenate files, and manipulate file contents using commands like cat, more, less, head, and tail.

VENUE: SEMINAR HALL

Dhanekula Institute of Engg. &Tech., Ganguru,
Vijayawada – 521 139



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**Department of Computer Science and Engineering
A Two Week Certification Program**

On

UNIX & LINUX Commands

(03-03-2023 to 15-03-2023)

Date	Session – I	Session – II	Session – III
03-03-2023	Importance of UNIX & LINUX Commands	Installation of VirtualBox on Windows	Practice Session on UNIX & LINUX Commands
04-03-2023	Introduction to UNIX & LINUX Commands	About LINUX Directory Structure and Essential LINUX Commands	Practice Session on UNIX & LINUX Commands
05-03-2023	About basic Files/Directory handling commands	Manipulating Files and Directories	Practice Session on UNIX & LINUX Commands
06-03-2023	About Redirection and pipe commands	Using Redirection and pipe facilities	Practice Session on UNIX & LINUX Commands
07-03-2023	Introduction to VI editor	How to use commands in VI editor	Practice Session on UNIX & LINUX Commands
08-03-2023	About Process commands	Advanced features of VI editor	Practice Session on UNIX & LINUX Commands
09-03-2023	Searching and replacing text by using VI editor	Introduction to shell and types of shells	Practice Session on UNIX & LINUX Commands
10-03-2023	About File permissions and access controls	Linking of Files and switch users and user groups	Practice Session on UNIX & LINUX Commands
11-03-2023	Introduction to process commands	File handling commands	Practice Session on UNIX & LINUX Commands
13-03-2023	About setting-up user environment	About shell scripting language	Practice Session on UNIX & LINUX Commands
14-03-2023	Introduction to advanced shell programming	Redirection, pipes and filters	Practice Session on UNIX & LINUX Commands
15-03-2023	About Back-up and Restore utilities	Introduction to Background job scheduling	Practice Session on UNIX & LINUX Commands

21/2
Co-Ordinator

21/2/2023
HOD
Head of Department
Computer Science & Engineering
DHANEKULA INSTITUTE
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Department of Computer Science and Engineering A Two Week Certification Program

On

UNIX & LINUX Commands

(03-03-2023 to 15-03-2023)

S. No	Roll Number	Name of the Student	Signature
1	218T1A0501	ABDUL SATTAR	Ab. Sattar
2	218T1A0502	AFROZ MOHAMMED	md AFROZ
3	218T1A0503	ALAMURI YAMINI	A Yamini
4	218T1A0504	APPIKATLA YAMINI	A. Yamini
5	218T1A0505	AVANIGADDA CHANDRA DEEPIKA	A Deepika
6	218T1A0506	BALLAMUDI DIVYA SAMBHAVI	B. Divya
7	218T1A0507	BANDREDDY SUKANYA	B. Sukanya
8	218T1A0508	CHAGANTIPATI SAI JAHNAVI	Ch Sai Jahnavi
9	218T1A0509	CHANDOLU LAVANYA	Ch. Lavanya
10	218T1A0510	CHITRALA YASASWI	Ch. Yasaswi
11	218T1A0511	CHORAGUDI ANJANA	Ch. Anjana
12	218T1A0512	GADILA SURYA REVANTH	G. Revanth
13	218T1A0513	GARIKIMUKKU VAMSI	G. vamsi
14	218T1A0514	GOMPA LOKESH	G. lokesh
15	218T1A0515	GOVADA MEE SITA RAM	G. Sita Ram
16	218T1A0516	GUDISE SAHUL SIDDHARTHA	G. Sahul
17	218T1A0517	JETTI SIDDHARTHA	J. Siddhartha
18	218T1A0518	KAJULURI SRI DEVI SAI SASHANK	K. Sashank
19	218T1A0519	KALAKATLA HARSHITHA	K. Harshitha
20	218T1A0520	KAMMILI NAGA VENKATA PRANEETH	K. Praneeth
21	218T1A0521	KANCHARLA MOUNIKA	K. Mounika
22	218T1A0522	KAYALA AKASH	K. Akash
23	218T1A0523	KOKKILIGADDA CHAITANYA	K. Chaitanya
24	218T1A0524	KOLLA LAKSHMI HARINI	K. L. Harini
25	218T1A0525	KOMMA MOUNIKA	K. Mounika
26	218T1A0526	KUMPATI NITHEESH KUMAR	K. Nitheesh K.
27	218T1A0527	KUNDURU DEEKSHITH	K. Deekshith
28	218T1A0528	LAKSHMI SWETHA NUTAKKI	N. L. Swetha

No	Roll Number	Name of the Student	Signature
29	218T1A0529	LENKA USHA SRI	L. Usha Sri
30	218T1A0530	MADHYANAPU VENNELA	M. Vennela
31	218T1A0531	MALLAMPALLI KAMAKSHI	M. Kamakshi
32	218T1A0532	MARADA TEJASRI	M. Tejasri
33	218T1A0534	MERUGU RATNA KUMAR	M. Ratna Kumar
34	218T1A0535	MOHAMMAD SANA BEGUM	M. Sana Begum
35	218T1A0536	MOHAMMAD YASIN	M. Yasin
36	218T1A0537	MOHAMMED SOFIYA	M. Sofiya
37	218T1A0538	MOHAMMED THOUHEED	M. Thouheed
38	218T1A0539	MOHAMMED ZULEKHA PARVEEN	M. Zulekha Parveen
39	218T1A0540	MUPPIDI JAI BHAVANI	M. Bhavani
40	218T1A0541	MUTTINENI MOHINI LAKSHMI	M. Mohini Lakshmi
41	218T1A0542	NARAM VIGNESH KUMAR	N. Vignesh Kumar
42	218T1A0543	NUKALA UMA DEVI	N. Uma Devi
43	218T1A0544	NUTULAPATI NAGENDRA	N. Nagendra
44	218T1A0545	ODUGU HEMANTH	O. Hemanth
45	218T1A0546	OLETI TARAKA NAGA LAKSHMI	O. Taraka Lakshmi
46	218T1A0547	PALAGANI SAI MANASA	P. Sai Manasa
47	218T1A0548	PENUMATSA SUSHMA	P. Sushma
48	218T1A0549	RAJA HARSHA	R. Harsha
49	218T1A0550	RAYANUTHALA MERCY	R. Mercy
50	218T1A0551	SANAGALA NAGA CHARAN TEJA	S. Charan Teja
51	218T1A0552	SANGEPU MEGHANA	S. Meghana
52	218T1A0553	SANKARANA BHARGAVI	S. Bhargavi
53	218T1A0554	SHAIK AFSHA SHIREEN	Sh. Shireen
54	218T1A0555	SHAIK ARIF	Sh. Arif
55	218T1A0556	SHAIK SAMREEN	Sh. Samreen
56	218T1A0557	TATA THARUN PRAKASH	T. Tharun
57	218T1A0558	THOTAKURA POOJITHA	T. Poojitha
58	218T1A0559	THOTTEMPUDI HARSHA VARDHINI	T. Harsha
59	218T1A0560	TUMMALACHARLA JAHNAVI	T. Jahnavi
60	218T1A0561	UMMADISETTI LAVANYA	U. LAVANYA
61	218T1A0562	VENUTHURUMILLI DURGA BHAVANI	V. Durga Bhavani
62	218T1A0563	YALAMANCHILI JAHNAVI	Y. Jahnavi
63	218T1A0564	YARRAMSETTI RAM SAI	Y. Ram Sai
64	218T1A0565	YEMINENI GAYATHRI	Y. Gayathri
65	228T5A0501	BALE VEERA VENKATA SATYANARAYANA	B. V. V. Satyanarayana
66	228T5A0502	BASETTI SRIKANTH	B. Srikanth
67	228T5A0503	CHINTALAPATI AKASH	CH. AKASH
68	228T5A0504	CHITTUMURI NUTHANKUMAR	C. Nuthan


Roll Number	Name of the Student	Signature
69 22ST5A0505	JANJIRALA SANDEEP	J. Sandeep
70 218T1A0566	ADDANKI RATNA VALLIKA	A. Vallika
71 218T1A0567	ANABATHULA MOHITH	A. Mohith
72 218T1A0568	ANUMOLU MOURYA CHANDRA	A. Mourya Chandra
73 218T1A0569	ATLURI GANDHI SOUMYA	G. Soumya
74 218T1A0570	ATMAKURI HARSHITHA	A. HARSHITHA
75 218T1A0571	ATMURI N.K.R.B.T S MANIKANTA	A. Manikanta
76 218T1A0572	BATCHU JASWANTH	B. Jaswanti
77 218T1A0573	BOMMANABOYINA SRI JAHNAVI	B. Sri Jahnavi
78 218T1A0574	BOMMAREDDY HIMA BINDU	B. Hima Bindu
79 218T1A0575	BURUSU NITHIN	B. Nithin
80 218T1A0576	CHAMARTHI HEMALATHA	Ch. Hemalatha
81 218T1A0577	CHITTABATHINA VENKATA SAI POOJITHA	Ch. V. S. Poojitha
82 218T1A0578	DOGIPARTHI SATISH KUMAR	D. Satish Kumar
83 218T1A0579	GHANTA HARSHITHA	G. Harshitha
84 218T1A0580	GONEPALLI PALLAVI	G. Pallavi
85 218T1A0581	GUGULOTH VIJAY THARUN	G. Vijay
86 218T1A0582	GUNDRADI GIRIJA BHAVANI	Girija
87 218T1A0583	HALAVATH URUTHIKA	H. Uruthika
88 218T1A0584	JASTI NITHIN RANGANAYAKULU	Nithin
89 218T1A0585	JAYANTHI AKHILA PRAMODINI	J. Akhila
90 218T1A0586	JUVVA BHAVANI PRASANNA	J. Bhavani
91 218T1A0587	KAMBHAMPATI HIMABINDU	K. Himabindu
92 218T1A0588	KANTETI SOUNDHARYA	K. Soundharya
93 218T1A0589	KATTAMURI RENUKA	K. Renuka
94 218T1A0590	KAZA YUVVESH	K. Yuvvesh
95 218T1A0591	KODALI PAVITHRA	Pavithra
96 218T1A0592	KOLLIPARA NIRMAL CHOWDARY	K. Nirmal
97 218T1A0593	KOLLIPARA RISHITHA	K. Rishitha
98 218T1A0594	KONDAPALLI VIJAY DURGA BABU	K. V. D. Babu
99 218T1A0595	KOTA JASPER SURYA CHOWDARY	K. Surya
100 218T1A0596	KOTA SRI VARSHITHA	K. Svarshitha
101 218T1A0597	KUNDETI SIRI	K. Sirii
102 218T1A0598	LOYA CHANDANA NAGA MANIKANTA	L. Manikanta
103 218T1A05A0	MACHERLA PRASANNA KUMAR	M. Prasanna
104 218T1A05A1	MADDUKURU DEEKSHITHA	M. Deekshitha
105 218T1A05A2	MADICHARLA SUMA	M. SUMA
106 218T1A05A3	MALLADI SNEHA	M. Sneha
107 218T1A05A4	MANDA RAKESH	M. Rakesh
108 218T1A05A5	MEGHANA KOPPULA	M. Megha

Roll Number	Name of the Student	Signature
218T1A05A6	MOHAMMAD SAMREEN	Md Samreen
218T1A05A7	MULAGUNDLA SRILAKSHMI	M. Srilakshmi
218T1A05A8	NALLAGORLA JAHNAVI	N. Jahnavi
218T1A05A9	NALLURI GIRIVARDHAN	N Girivardhan
218T1A05B0	PATHURI RAKESH	P. Rakesh
218T1A05B1	PEDAPUDI SUSMITHA	P. Susmitha
218T1A05B2	RAJULAPATI LAHARI	R. Lahari
218T1A05B3	RELLI GANESH	R. Ganesh
218T1A05B4	JASTI SAI RAKESH VARDHAN	J.S.R. vardhan
218T1A05B5	SOMALA GOVARDHANN	S. Govardhan
218T1A05B6	SYED AFRIDI	Syed. Afridi
218T1A05B7	SYED SAHEERA SULTANA	S. Saheera
218T1A05B8	TADISETTI DHANUSH	T. Dhannu
218T1A05B9	TAMMINENI SAI KRISHNA	T. Sai Krishna
218T1A05C0	TELAGAREDDI RATNA ANITHA SRI	T. Ratna Anitha sri
218T1A05C1	CHANDANA DEEPIKA	ch. Deepika
218T1A05C2	THOTAKURA NITHISH	T. Nithish
218T1A05C3	TUMMALACHARLA JAYA SRUTHI	Jaya Sruthi
218T1A05C4	UDDANDI LAKSHMI PRASANNA	U. Prasan
218T1A05C5	UPPALAPATI RAHUL DEV	U. Rahul Dev
218T1A05C6	VENNA JAYA LAKSHMI	V. Jayalakshmi
218T1A05C7	KARNA HAZARATH KUMAR REDDY	K. Hazarath
218T1A05C8	VENNA VIJAYA MANIKANTA	V. Vijaya Manikanta
228T5A0506	KAMALLA RAMYA	K. Ramya
228T5A0507	KATIPALLI VENKATA PRASANNA	K.V. Prasan
228T5A0508	MEKALA SUSHMA SREE	M. Sushmasree
228T5A0509	MOHAMMAD SHAFI	Md. Shafi
228T5A0510	PALAKA VENKATESH	P. Venkatesh
228T5A0511	PANEM LAVANYA	P. Lavanya
228T5A0512	SHAIK SUBHANI	Shai. Subhan
228T5A0513	SHABOLU SARAYU	S. Sarayu
218T1A05C9	ANGADALA YASWANTHI	A. Yaswanthi
218T1A05D0	AVULA TIRUMALA GOPI	A. Tirumala Gopi
218T1A05D1	BANDARU MOUNIKA	B. Mounika
218T1A05D2	BANGARU VEERA VENKATA SIVA KUMAR	B. Sivakumar
218T1A05D3	ABDUL HAQ	ABDUL HAQ
218T1A05D4	BODAPATI LAKSHMI PRASANNA	B. L. Prabanna
218T1A05D5	BORRA ROSHIT	B. Roshit
218T1A05D6	CHALLA KUSUMAKALA	ch. Kala
218T1A05D7	CHERUKURI CHARITHA	ch. Charitha

Roll Number	Name of the Student	Signature
249	218T1A05D8 CHINNAM RAM SUDHAKAR VARMA	C.S.Varma
150	218T1A05D9 CHITTIPROLU SAI PAVAN NAGENDRA	CH.S.P.Nagendra
151	218T1A05E0 DEVARAPALLI DURGA PRASAD	D. Durga Prasad
152	218T1A05E1 DONDAPATI CHARITHA SRI	D. Charitha Sri
153	218T1A05E2 GANDIKOTA VENKATESWAR	G. Venkateswar
154	218T1A05E3 GONNABHAKTULA YASASWINI SRI	G. Yasaswini Sri
155	218T1A05E4 GORLE SURESH	G. Suresh
156	218T1A05E5 GUDAPATI SAI MANOJ	G. Sai Manoj
157	218T1A05E6 GUJJULA MALLESWARI	G. Malleswari
158	218T1A05E7 JAMMULA HARSHITHA	J. Harshitha
159	218T1A05E8 JASTI UJWALA	J. Ujwala
160	218T1A05E9 KAMATAM MOSES BHAGYA RAJ	K. Moses Bhagya Raj
161	218T1A05F0 KANAKALA GAYATRI	K. Gayatri
162	218T1A05F1 KANCHEPOGU NAGA RAJU	K. Naga Raju
163	218T1A05F2 KATARI ABHIRAM	K. Abhiram
164	218T1A05F3 KOLLU VENKATA SAI MANIKANTA	K. Venkatesh
165	218T1A05F4 KONDAMUDI JESPREETH	K. Jespreeth
166	218T1A05F5 KONDISETTI DURGA KRISHNA	K. Krishna
167	218T1A05F6 KOSURI YASASWI VYSHNAVI	K. Vyshnavi
168	218T1A05F8 DHUPATI SRINIVASU	D. Srinivasu
169	218T1A05F9 MAGULURI GEETHIKA CHOWDARY	M. Geethika
170	218T1A05G0 MATTA SMYLA	M. Smyla
171	218T1A05G1 PUTTI SRI DIVYA	Sri Divya
172	218T1A05G2 NARAGANI LIKHITH VITAL	N. Likhith Vital
173	218T1A05G3 NANDYALA PRAVEEN KUMAR	N. Praveen
174	218T1A05G4 NUTHALAPATI SANJAY	N. Sanjay
175	218T1A05G5 PAKALAPATI DHARANI	P. Dharani
176	218T1A05G6 PARASA JEEVA PRAKASH	P. J. Prakash
177	218T1A05G7 PEDAKOTLA KUSUMA KIRAN VENKATA SAI	P. Kusuma Kiran
178	218T1A05G8 POTHULA SIVA SUBRAHMANYESWARA RAO	P. S.S. Rao
179	218T1A05G9 PRATTIPATI DHANA SRI	P. Dhana Sri
180	218T1A05H0 PULIVARTHI GURUTEJA	P. Guruteja
181	218T1A05H1 SAGGURTHI BHAVYASRI	S. Bhavya Sri
182	218T1A05H2 SALAGALA SESHU	S. SESHU
183	218T1A05H3 SAYED SAMEER JAN	S. Sameer Jan
184	218T1A05H4 KUKATI EUNICE	K. Eunice
185	218T1A05H5 KOTTU SAI RAM	K. Sai Ram
186	218T1A05H6 SIDHANTH KUMAR NAYAK	Sidhant
187	218T1A05H7 SIRIPURAPU PIYUSHA	S. Piyusha
188	218T1A05H8 SRI VENKAT VARMA MORAMPUDI	S. Venkat Varma

Roll Number	Name of the Student	Signature
189	218T1A05H9 SYED ANWAR	S. Anwar
190	218T1A05I0 TANNA PRASANTH KUMAR	T. Prashanth
191	218T1A05I1 RAAVI SAMBA SIVA REDDY	R. Samba Siva Reddy
192	218T1A05I2 UPPERLA LIKHITHA	U. Likhitha
193	218T1A05I3 VEERA YESU RAJU	V. Y. Raju
194	218T1A05I4 VISWANADHUNI SRAVAN KUMAR	V. S. S. Prasad
195	218T1A05I5 YALAMANCHILI PRANAVI	P. Pranavi
196	218T1A05I6 YARAM SREE RAGHU	R. Raghu
197	218T1A05I7 YARLAGADDA VARSHITHA	V. Varshitha
198	218T1A05I8 ZANGAM STANLEY STEPHAN	Z. S. S. Prasad
199	218T1A05I9 BURADA YASHWANTH KUMAR	B. Yashwanth
200	218T1A05J0 DODDAKULA SAI KIRAN	D. S. Kiran
201	228T5A0514 SHAIK ATAUS SAMAD	S. K. Samad
202	228T5A0515 PUPPALA NAGA VIJAYAKANTH	V. Vijayakanth
203	228T5A0516 SUNKESULA RAVI KUMAR	S. Ravi Kumar
204	228T5A0517 VADUGU RAJESWARI	V. Rajeswari
205	228T5A0518 VALLURU LAKSHMI CHANDRIKA	V. L. Chandrika
206	228T5A0519 VEERA HARSHAVARDHAN	V. H. Harshavardhan
207	228T5A0520 VELAMATI VENKAT SAI CHOWDARY	V. V. S. Chowdary
208	228T5A0521 YARRA HARIKA	Y. Harika


Co-ordinator


HOD
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

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Department of Computer Science and Engineering A Two Week Certification Program On UNIX & LINUX Commands (03-03-2023 to 15-03-2023)

S.No	Roll Number	Name of the Student	03-03-2023	04-03-2023	05-03-2023	06-03-2023	07-03-2023	08-03-2023	09-03-2023	10-03-2023	11-03-2023	13-03-2023	14-03-2023	15-03-2023
1	218T1A0501	ABDUL SATTAR	P	P	P	P	P	P	P	a	P	P	a	P
2	218T1A0502	AFROZ MOHAMMED	P	P	P	a	P	P	P	P	P	P	P	P
3	218T1A0503	ALAMURI YAMINI	a	P	P	P	P	P	P	P	a	a	P	a
4	218T1A0504	APPIKATLA YAMINI	P	P	P	P	P	P	P	P	P	P	a	P
5	218T1A0505	AVANIGADDA CHANDRA DEEPIKA	P	P	P	a	P	P	P	P	P	P	P	P
6	218T1A0506	BALLAMUDI DIVYA SAMBHAVI	P	a	a	P	P	P	a	P	a	P	P	P
7	218T1A0507	BANDREDDY SUKANYA	P	a	P	P	P	P	P	P	P	P	P	a
8	218T1A0508	CHAGANTIPATI SAI JAHNAVI	P	P	P	P	P	P	P	P	P	a	P	P
9	218T1A0509	CHANDOLU LAVANYA	P	P	a	P	P	P	P	P	P	P	a	P
10	218T1A0510	CHITRALA YASASWI	P	P	a	P	a	P	P	P	P	P	P	P
11	218T1A0511	CHORAGUDI ANJANA	a	P	P	a	a	P	a	P	P	P	P	P
12	218T1A0512	GADILA SURYA REVANTH	P	P	P	P	P	a	P	P	a	a	a	P
13	218T1A0513	GARIKIMUKKU VAMSI	P	P	P	P	P	P	P	a	P	P	P	P
14	218T1A0514	GOMPA LOKESH	P	P	P	P	a	P	P	P	P	P	P	P
15	218T1A0515	GOVADA MEE SITA RAM	P	P	P	P	a	P	P	P	P	P	P	P
16	218T1A0516	GUDISE SAHUL SIDDHARTHA	P	P	P	a	P	P	P	P	P	P	a	a
17	218T1A0517	JETTI SIDDHARTHA	P	P	a	P	P	P	a	P	P	P	P	P
18	218T1A0518	KAJULURI SRI DEVI SAI SASHANK	P	a	P	P	a	P	P	a	P	a	P	P

S.No	Roll Number	Name of the Student	03-03-2023	04-03-2023	05-03-2023	06-03-2023	07-03-2023	08-03-2023	09-03-2023	10-03-2023	11-03-2023	13-03-2023	14-03-2023	15-03-2023
202	228T5A0515	PUPPALA NAGA VIJAYAKANTH	P	P	P	P	P	P	P	a	P	P	P	P
203	228T5A0516	SUNKESULA RAVI KUMAR	P	P	P	a	P	a	P	a	P	P	a	a
204	228T5A0517	VADUGU RAJESWARI	P	P	P	P	P	P	P	a	P	P	P	P
205	228T5A0518	VALLURU LAKSHMI CHANDRIKA	P	P	a	P	P	P	P	a	P	P	P	a
206	228T5A0519	VEERA HARSHAVARDHAN	P	P	P	P	P	P	a	a	P	P	a	P
207	228T5A0520	VELAMATI VENKAT SAI CHOWDARY	a	P	a	P	P	P	P	a	a	P	a	P
208	228T5A0521	YARRA HARIKA	P	P	P	a	P	P	P	a	a	P	P	P


 16/3/23
 Co-Ordinator


 HOD
 16/3/2023
 Computer Science & Engineering
 DHANEKULA INSTITUTE
 OF ENGINEERING AND TECHNOLOGY
 Ganguru, Vijayawada-521 139



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

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Department of Computer Science and Engineering

16.03.2023

PROGRAM REPORT

Name of the Event: A Two-Week Certification Program on “UNIX & LINUX Commands”

Dates: 03-03-2023 to 15-03-2023

Resource Person: Mr. M. Ravi Kanth, Assistant Professor, Department of CSE-II

Email: ravikanthmishra@gmail.com

Contact Number: +91 8985675752

Name of the Co-Ordinator: Mrs. L. N. B. Jyostna

Number of Students Attended:208

Venue:CSE-II Seminar hall

DhaneKula Institute of Engineering & Technology, Ganguru, organized certificate program on “UNIX & Linux Commands” for II B.Tech Students by the Resource Person Mr.M.Ravikanth.

Objectives:

- To understand and master the fundamental UNIX commands for efficient navigation, file manipulation, and system administration.
- Extensive experience on variety of devices using command line tools that can be used virtually
- To customize the various operating systems.
- Critical thinking and problem solving skills using UNIX &Linux..
- To design and implement shell scripts which can connect to the database and run SQL scripts

Learning Outcomes:

- **Basic Navigation:**
Participants learn how to navigate the file system, list directory contents, and display the current working directory0.
- **File and Directory Management:**
Participants gain the ability to create, delete, copy, move, and rename files and directories.
- **Content Viewing and Manipulation:**
Participants can view the contents of text files, concatenate files, and manipulate file contents using commands like cat, more, less, head, and tail.
- **Text Editing:**
Participants become familiar with basic text editors like VI editor for creating and editing text files.

- **Customization and Configuration :**

Participants can learn how to customize their command line environment by modifying configuration files and setting environment variables.

Dhanekula Institute of Engineering & Technology has organized "A Two-Week Certification Program on **UNIX & LINUX COMMANDS**" for II year B. Tech students from 03-03-2023 to 15-03-2023. A total of 208 students were participated in this program. This course is very useful to students and their feedback is positive.



[Signature] 16/3/23
Program Co-Ordinator

[Signature] HOD
16/3/23
Head of the Department
Computer Science & Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 134

11. Which Unix command is used for changing the current directory?

- a) pwd
- b) rm
- c) cd
- d) cp

12. The dmesg command

- a) Shows user login logoff attempts
- b) Shows the syslog file for info messages
- c) kernel log messages
- d) Shows the daemon log messages

13. The command "mknod myfifo b 4 16"

- a) Will create a block device if user is root
- b) Will create a block device for all users
- c) Will create a FIFO if user is not root
- d) None of the mentioned

14. Which command is used to set terminal IO characteristic?

- a) tty
- b) cty
- c) pty
- d) stty

15. Which command is used to record a user login session in a file

- a) macro
- b) read
- c) script
- d) none of the mentioned

16. Which command is used to display the operating system name

- a) os
- b) unix
- c) kernel
- d) uname

17. Which command is used to display the unix version

- a) uname -r
- b) uname -n
- c) uname -t
- d) kernel

18. Which command is used to print a file

- a) print
- b) ptr
- c) lpr
- d) none of the mentioned

19. Using which command you find resource limits to the session?

- a) rlimit
- b) ulimit
- c) setrlimit
- d) getrlimit

20. Which option of ls command used to view file inode number

- a) -l
- b) -o
- c) -d
- d) -li



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA - 521139

(Approved by AICTE New Delhi, Affiliated to JNTU Kakinada)

E-mail: principal@diet.ac.in , website: www.diet.ac.in , phone:0866-2583842/8333924842

Certificate of Participation


This is to certify that

Mr./Ms B. V. V. Satyanarayana - from DhaneKula
Institute of Engineering & Technology has participated in

**A Two-Week Certification Program on
UNIX and Linux Commands**

Organized by the
Department of Computer Science and Engineering
from 03/03/2023 to 15/03/2023


Co-Ordinator


HOD


Principal



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Certificate of Participation

This is to certify that

Mr./Ms G. Surya Revanth from DhaneKula
Institute of Engineering & Technology has participated in

**A Two-Week Certification Program on
UNIX and Linux Commands**

Organized by the
Department of Computer Science and Engineering
from 03/03/2023 to 15/03/2023


Co-Ordinator


HOD


Principal

IT
20

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Date:26-07-2022

CIRCULAR

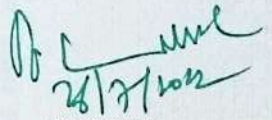
This is hereby to inform all the II B.Tech students of IT, that department of INFORMATION TECHNOLOGY is organizing a two-week certification program on "*AI and Chat GPT Applications*" from 08-08-2022 to 20-08-2022. Hence all the students are requested to enroll their names on or before 02-08-2022.

Venue. : T18

Co-ordinator: J.V.N.Raju

M.Suresh Kumar

J V N Raju
Co-ordinator


26/7/2022
PRINCIPAL

Principal
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

Copy to HoD



Organizing Committee

Convener: Dr. K. Sowmya

HOD, IT Department

Department of Information Technology

Dhanekula Institute of Engineering and Technology,

Vijayawada

Email: drsowmyakoneru@gmail.com

phone: 9502386224

Advisory committee Members:

1. Dr. K. Sowmya
HOD, IT Department
2. Dr. G.L. Madhumati
HOD, ECE Department
3. Dr. I. Sai Ram
HOD, EEE Department
4. Dr. O. Srikanth
HOD, ME Department
5. Dr. S. Suresh
HOD, CSE Department
6. Dr. B. V. S. N. Hari Prasad
HOD, BS&H Department

For further communication: Coordinator:

JVN Raju
Assistant professor
Department of IT
Email ID: jvnraju.rao@gmail.com
Contact No: 9492491716

2. Machanuru Suresh babu
Assistant professor
Department of IT
Email ID: sureshbabu@gmail.com
Contact No: 8341902605

CHIEF PATRONS

- Sri. D. Ravindranath Tagore, Agriculturist & Industrialist Chairman, DVSCCT
- Sri. D. Bhavani Prasad,
Secretary, DVSCCT
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Sr Dy. General Manager Bharat
Electronics Limited, Machilipatnam
- Sri. D Nagendra Prasad,
Entrepreneur MD, Hotel D V Manor
- Dr. Ravi Kadiyala,
Principal, DIET, Vijayawada

A Two Week Certification Program
on

" AI and Chat GPT Applications"

08 Aug to 20 Aug 2022



Organized by Department of
INFORMATION TECHNOLOGY

Dhanekula Institute of Engineering
and Technology

(Accredited by NBA of AICTE, New Delhi & affiliated to JNTU
Kakinada)

Ganguru,
Vijayawada
Krishna District, A.P (India)

www.diet.ac.in

About the Department:

Dhanekula Institute of Engineering and Technology is established in 2009 by Sri Ravindranath Tagore, Chairman, Agriculturalist and industrial organizations of Dhanekula group. The college was located at Ganguru Vijayawada, Krishna District of Andhra Pradesh.

The college offers B.Tech. programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT., and PG courses M.Tech in Computer Science and Environmental Engineering. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also accredited by MHRD for Innovation cell and TBI by MSME, GoI.

About the Department:

The department of Information Technology was established in 2020 with an intake of 60 students in the UG program. The department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audio-visual facilities with enough LCD and OHP's for effective teaching. The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Information Technology.

Objective of Certification Program:

- Identify problems where artificial intelligence techniques are applicable
- Web development skills. You will learn how to create
- Apply selected basic AI techniques; judge applicability of more advanced techniques
- Participate in the design of systems that act intelligently and learn from experience

Topics covered.

- ChatGPT use in Healthcare
- Deploying and Maintaining ChatGPT in Healthcare
- Designing Effective Conversational Interfaces
- Incorporating Clinical Knowledge and Guidelines
- Ethical Considerations and Challenges
- The future applications of development

Registration Details Free

Last Date for Registration: 02.08.2022

REGISTRATION FORM

A Two Week Certification Program

On

"AI and Chat GPT Applications"

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant

Signature of Head of the Institution
(With the official seal)



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Department of Information Technology

A Two Week Certification program

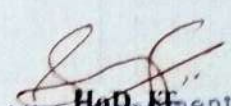
on

AI and Chat GPT Applications

(08.08.2022 to 20.08.2022)

Date	Session-I	Session-II
08.08.2022 (Monday)	Inauguration	Introduction to Artificial Intelligence
10.08.2022 (Wednesday)	Basics of Machine Learning	Introduction to Natural Language Processing
11.08.2022 (Thursday)	ChatGPT Overview	Ethical Considerations in AI
12.08.2022 (Friday)	ChatGPT Deployment Strategies	Basics of Computer vision
16.08.2022 (Tuesday)	AI in Healthcare	Introduction to ChatGPT Customization
17.08.2022 (Wednesday)	AI in Education	AI in Business and Marketing
18.08.2022 (Thursday)	Reinforcement Learning concepts	Introduction to Deep Learning
20.08.2022 (Saturday)	Generative AI applications	Valedictory

J. V. N. Raju
Co-ordinator


Head of the Department
Department of Information Technology
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OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139



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Department of Information Technology

Name of the program: - AI and Chat GPT applications

AY: 2022-2023

S.No	Roll Number	Name of the Student	Year & branch	Signature
1	208TIA1201	ALLADA TULASI	III - IT	A. TULASI
2	208TIA1202	ALLAMALLA VIJAYA PRAJWALA	III - IT	A. Vijaya Prajwal
3	208TIA1203	ALURU SHANMUKHA SAI KRISHNA	III - IT	A. Sai Krishna
4	208TIA1204	ANDE ANUSHA	III - IT	A. Anusha
5	208TIA1205	AVIRINENI NAGA KAVYA	III - IT	A. Naga Kavya
6	208TIA1206	BANDARUPALLI HARSHA VARDHAN	III - IT	B. Harsha Vardhan
7	208TIA1207	BATTU SRI CHETAN	III - IT	B. Chetan
8	208TIA1209	DANTALA MEGHANA	III - IT	D. Meghana
9	208TIA1210	EDUMUDI SRI HARSHITHA	III - IT	E. Harshitha
10	208TIA1211	GARIMELLA DEVISRI	III - IT	G. Devisri
11	208TIA1212	GARLAPATI SUPRIYA	III - IT	G. Supriya
12	208TIA1213	GHANTA ROHITH	III - IT	G. Rohith
13	208TIA1214	GINJUPALLI KRISHNA CHAITANYA	III - IT	G. Krishna Chaitanya
14	208TIA1215	GOGINENI TARUN	III - IT	G. Tarun
15	208TIA1216	GUNTRU MADHU BABU	III - IT	G. Madhubabu
16	208TIA1217	GUNUPURU MURALI	III - IT	G. Murali
17	208TIA1218	JONNALAGADDA SRILEKHA	III - IT	J. Srilekha
18	208TIA1219	KAMBAPU ANUHYA CHOWDARY	III - IT	K. Anuhyas
19	208TIA1220	KATAKAM MOHAN SAI KISHORE	III - IT	K. Mohan Sai Kishore
20	208TIA1221	KATRAGADDA NAGA MOUNIKA	III - IT	K. Naga Mounika
21	208TIA1222	KETHEPALLI CHAMUNDESWARI	III - IT	K. Chamundeswari
22	208TIA1223	KINTHALA MOUNIKA	III - IT	K. Mounika
23	208TIA1224	KONDAVEETI MADHURI	III - IT	K. Madhuri
24	208TIA1225	KUTTUBOINA MANOHAR	III - IT	K. Manohar
25	208TIA1226	MAGANTI MEGHANA	III - IT	M. Meghana
26	208TIA1227	MALAPROLU JASWANTH	III - IT	M. Jaswanth
27	208TIA1228	MAREEDU DURGA VINAY KUMAR	III - IT	M. Durga Vinay Kumar
28	208TIA1229	MARRIPUDI HARINI	III - IT	M. Harini
29	208TIA1230	MATHI SAI CHAITYA	III - IT	M. Sai Chaitya
30	208TIA1231	MEENIGE RAJITHA	III - IT	M. Rajitha
31	208TIA1232	MERUGU TRIVANI	III - IT	M. Trivani
32	208TIA1233	MOHAMMAD AMEER SUHAIL	III - IT	M. Suhail
33	208TIA1234	MOHAMMED AZRA TARANNUM	III - IT	M. Azra Tarannum
34	208TIA1235	MURALA NAGA SAI SRILAKSHMI	III - IT	M. Sai Srilakshmi
35	208TIA1236	MYNENI SIDDHARTHSAI	III - IT	M. Siddharth Sai
36	208TIA1237	NAGANABOYINA LAKSHMI PRASANNA	III - IT	N. Lakshmi Prasanna
37	208TIA1238	NANNAPANENI LAKSHMI REVANTH KUMAR	III - IT	N. Lakshmi Revanth Kumar
38	208TIA1239	NEELAPALA SURESH KUMAR	III - IT	N. Suresh Kumar



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S.No	Roll Number	Name of the Student	Year & branch	Signature
39	208TIA1240	NEMALAPURI MOUNIKA	III - IT	M. Mounika
40	208TIA1241	NUNNA SUJITHA	III - IT	N. Sujitha
41	208TIA1242	OTTIPOLU HARIKA	III - IT	O. Harika
42	208TIA1243	PALUTLA HARSHITH	III - IT	P. Harshitha
43	208TIA1244	PANCHAKARLA NAGA INDU SRI	III - IT	P. Naga Indu Sri
44	208TIA1245	PAPOLU KAVYA SRI	III - IT	P. Indu Sri
45	208TIA1246	PAWON KUMAR GHOSH	III - IT	K. Ghosh
46	208TIA1247	PEDDI KAVYA NAGA SRI	III - IT	P. Kavya
47	208TIA1248	PODUGU DEEPIKA	III - IT	P. Deepika
48	208TIA1249	POLAGANI RAMYA SREE	III - IT	P. Ramya Sree
49	208TIA1250	POTHUKUCHI VASU PRANUSHA	III - IT	P. Pranusha
50	208TIA1251	PUPPALA SARVANI	III - IT	P. Sarvani
51	208TIA1252	PUSHADAPU DEEPIKA	III - IT	P. Deepika
52	208TIA1253	RAJANA V V MANOJ VARDHAN	III - IT	R. Manoj
53	208TIA1254	S N S SASIDHAR NALLAMOLU	III - IT	S. Sasidhar
54	208TIA1255	SAIKAM LAKSHMI	III - IT	S. Lakshmi
55	208TIA1256	SAMUEL PRASANNA KUMAR GODEY	III - IT	S. Prasan
56	208TIA1257	SANDIPAMU HARSHITH	III - IT	S. Harshitha
57	208TIA1258	SINKA MAHESH	III - IT	S. Mahesh
58	208TIA1259	TALASILA VENKATA RAMA VARDHAN	III - IT	T. Ramavardhan
59	208TIA1260	TALLURI NAGASREE	III - IT	T. Nagasree
60	208TIA1261	UMMADISETTI DHANA LAKSHMI	III - IT	U. Dhana Lakshmi
61	208TIA1262	YADALA NAGA SAI GOPI CHAND	III - IT	Y. Gopi Chand
62	208TIA1263	YARLAGADDA DHANA LAKSHMI DEVI	III - IT	Y. Dhana Lakshmi Devi
63	20NNIA1245	NUKALA VIHARIKA	III - IT	N. Viharika
64	218T5A1201	BELLAMKONDA GEETHIKA SAI	III - IT	B. Geethika Sai
65	218T5A1202	GANDHAM VINAY KUMAR	III - IT	G. Vinay Kumar
66	218T5A1203	PENTAPATI HARSHITHA	III - IT	P. Harshitha
67	218T5A1204	POKURI NARASIMHA NAIDU	III - IT	P. Narasimha
68	218T5A1205	TALAM GUNA VENKATA PRAKASH	III - IT	T. Prakash
69	218T5A1206	VEMULAPALLI GANESH DURGA SAI	III - IT	V. Ganesh Sai
70	218T5A1207	LANKE TEJA SAI VARMA	III - IT	L. Sai Varma

J. V. Raju
Co-ordinator

Head of the Department
Department of Information Technology
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Ganguru, VIJAYAWADA-521 139



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 www.diet.ac.in, Phone: 833924843 / 833924842

Department of Information Technology

Name of the Program: AI and chat GPT
Academic year: 2022-2023

S.no	Roll No	Name	08-08-2022		10-08-2022		11-08-2022		12-08-2022		16-08-2022		17-08-2022		18-08-2022		20-08-2022	
			F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A
1	208T1 A1201	ALLADA TULASI	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
2	208T1 A1202	ALLAMALLA VIJAYA PRAJWALA	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A
3	208T1 A1203	ALURU SHANMUKHA SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
4	208T1 A1204	ANDE ANUSHA	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
5	208T1 A1205	AVIRINENI NAGA KAVYA	P	P	P	P	A	A	P	P	P	P	P	P	A	A	P	P
6	208T1 A1206	BANDARU PALLI HARSHA VARDHAN	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
7	208T1 A1207	BATTU SRI CHETAN	A	A	P	P	P	P	A	A	P	P	P	P	P	P	P	P
8	208T1 A1209	DANTALA MEGHANA	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A	A



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 www.diet.ac.in, Phone: 833924843 / 8333924842

9	208T1 A1210	EDUMUDISRI HARSHITHA	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
10	208T1 A1211	GARIMELLA DEVISRI	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A
11	208T1 A1212	GARLAPATI SUPRIYA	A	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P
12	208T1 A1213	GHANTA ROHITH	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
13	208T1 A1214	GINJUPALLI KRISHNA CHAITANYA	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
14	208T1 A1215	GOGINENI TARUN	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
15	208T1 A1216	GUNTRU MADHUBABU	P	P	P	P	P	P	P	A	A	P	P	A	A	P	P	P
16	208T1 A1217	GUNUPURU MURALI	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
17	208T1 A1218	JONNALA GADDA SRILEKHA	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A
18	208T1 A1219	KAMBAPU ANUHYA CHOWDARY	P	P	P	P	P	P	P	P	A	A	P	P	A	A	P	P
19	208T1 A1220	KATAKA M MOHANSAI KISHORE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	208T1 A1221	KATRAGADDA NAGA MOUNIKA	P	P	P	P	P	P	A	A	P	P	P	P	A	A	P	P



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www.diet.ac.in, Phone: 833924843 / 8333924842

33	208T1 A1234	MOHAMMED AZRA TARANNUM	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	208T1 A1235	MURALA NAGA SAI SRILAKSHMI	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
35	208T1 A1236	MYNENI SIDDHARTH SAI	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
36	208T1 A1237	NAGANA BOYINA LAKSHMI PRASANNA	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
37	208T1 A1238	NANNAPANENI LAKSHMI REVANTH KUMAR	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
38	208T1 A1239	NEELAPALA SURESH KUMAR	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39	208T1 A1240	NEMALAPURI MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	208T1 A1241	NUNNA SUJITHA	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
41	208T1 A1242	OTTIPOLU HARIKA	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
42	208T1 A1243	PALUTLA HARSHITH	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
43	208T1 A1244	PANCHAK ARLA NAGA INDU SRI	P	P	P	P	A	A	P	P	P	P	A	A	P	P	P	P	P



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 www.diet.ac.in, Phone: 833924843 / 8333924842

56	208T1 A1257	SANDIPAMU HARSHITHI	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
57	208T1 A1258	SINKA MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	A	A	
58	208T1 A1259	TALASILA VIINKATA RAMAVA RDHAN	P	P	P	P	A	D	P	P	P	P	P	P	P	P	P
59	208T1 A1260	TALLURI NAGASREE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	208T1 A1261	UMMADISETTI DHANA LAKSHMI	P	P	A	A	P	P	A	A	P	P	P	P	P	P	P
61	208T1 A1262	YADALA NAGA SAIGOPI CHAND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	208T1 A1263	YARLAGADDA DHANA LAKSHMI DEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	20NN1 A1245	NUKALA VIHARIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	218T5 A1201	BELLAMK ONDA GEETHIK ASAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	218T5 A1202	GANDHAM VINAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	218T5 A1203	PENTAPATI HARSHITHA	A	A	P	P	P	P	P	P	P	P	P	A	A	P	P



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67	218T5 A1204	POKURI NARASIMHA NAIDU	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
68	218T5 A1205	TALAM GUNA VENKATA PRAKASH	P	P	P	P	P	P	A	A	P	P	P	P	A	A	P	P
69	218T5 A1206	VEMULAPALLI GANESH DURGA SAI	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A
70	218T5 A1207	LANKE TEJA SAI VARMA	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P

J. N. K. S.
CO-ORDINATOR

[Signature]
HOD
Head of the Department
Department of Information Technology
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA - 521 139



Department Of Information Technology

PROGRAM REPORT

23.08.2022

Name of the Event: A Two Week Certification program on AI and Chat GPT Applications

Date: 08.08.2022 to 20.08.2022

Resource Persons: Mr. K. Balabhaskar

Email: kbbhaskar27@gmail.com

Contact Number: 9014278129

Name of the Coordinators: 1. JVN Raju

Assistant Professor

Department of IT

Email: jvnraju1227@gmail.com

Contact Number: 9492491716

2. Mr. Suresh Kumar

Assistant Professor

Department of IT

Email: sureshkumar123@gmail.com

Contact Number: 8341902605

Number of Students Attended: 70

Venue: T18

Objectives:

- Explore the foundational concepts of Artificial Intelligence (AI) and understand how ChatGPT, a language model, fits into the broader AI landscape. Delve into the historical development of AI and trace the evolution of conversational agents, setting the stage for the current capabilities of ChatGPT.
- Examine the underlying architecture of ChatGPT, grasping the key components that enable its language generation capabilities.
- Survey the diverse applications of ChatGPT across industries, from customer support to content generation, and understand the impact of AI-powered conversational agents on various sectors.
- Engage in discussions on the ethical implications of deploying AI, particularly in conversational settings, addressing issues related to bias, privacy, and responsible AI use. Enhance data accuracy.
- Investigate the challenges and limitations associated with AI-driven conversational agents, including issues related to context understanding, response coherence, and handling ambiguous queries.



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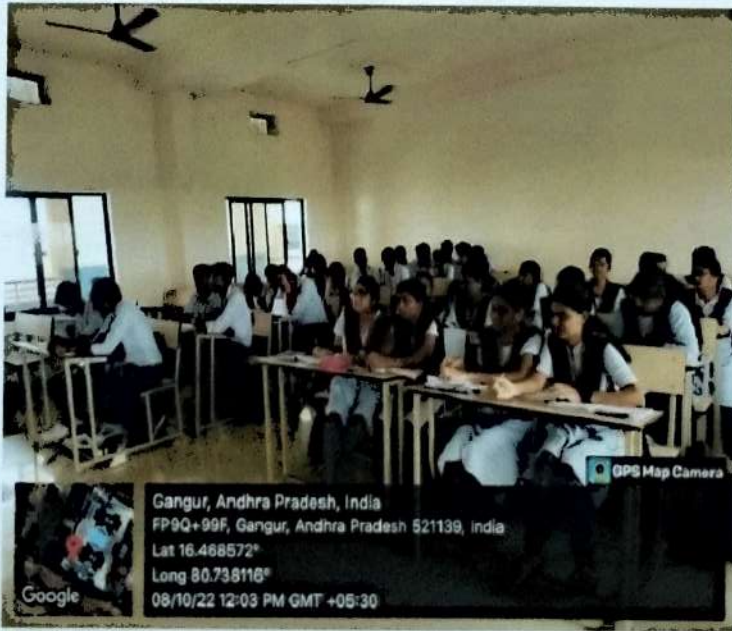
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Phone: +91-8333924842, 8333924843

Learning Outcomes:

- Acquire the skills to analyze and explain the architecture of ChatGPT, highlighting the model's pre-training, fine-tuning, and language generation mechanisms. Analyze and consider data classification using powerful algorithms on publicly available datasets.
- Develop a comprehensive understanding of the principles and concepts underlying Artificial Intelligence, with a focus on the role of conversational agents like ChatGPT. Understand and master data handling, processing, and visualization.
- Gain insight into various applications of ChatGPT across industries, equipping participants to identify potential use cases and understand the impact of AI conversational agents on different sectors. Understand and demonstrate data clustering.
- Cultivate critical awareness of the challenges and limitations associated with AI chat applications, enabling participants to proactively address issues related to context understanding, response coherence, and ambiguous queries.
- Understand the pivotal role of ChatGPT in human-computer interaction, with the ability to evaluate and contribute to the design of AI systems that enhance user experience and communication.



DhaneKula Institute of Engineering and Technology has organized “A Two Week Certification program on AI and ChatGPT Applications” for III year B.Tech IT students from 08-08-2022 to 20-08-2022. A total of 70 students participated in this program

T. N. Nijju
Co-Ordinator

[Signature]
Head of the Department
Department of Information Technology
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Department of Information Technology

Assessment Form

Name of the Program: A two-week certification program on "AI and Chat GPT Applications"

Date : 20-08-2022

Time :30 min

Max Marks :15 * 1 =15 Marks

Reg No: 208TIA1218

Academic Year : 2022-23

Year/Sem : III-I

1 What does the acronym 'GPT' stand for in ChatGPT? [A] ✓

- a) Generative Pre-trained Transformer
- b) Large Language Model
- c) Chat Generative Pre-trained Transformer
- d) OpenAI ChatGPT

13
—
15

2 What is the main purpose of ChatGPT? [D] ✓

- a) To generate creative text formats
- b) To translate languages
- c) To write different kinds of creative content
- d) To provide answers to questions in a human-like way

3 What approach was used to transfer learning to ChatGPT? [C] ✓

- a) Supervised learning
- b) Reinforcement learning
- c) Both supervised and reinforcement learning
- d) None of the above

4 Who is the inventor of Artificial Intelligence? [A] ✓

- a) Geoffrey Hinton
- b) Andrew Ng
- c) John McCarthy
- d) Jürgen Schmidhuber

5 Which of the following is the branch of Artificial Intelligence? [B] ✗

- a) Machine Learning
- b) Cyber forensics

- c) Full-Stack Developer
- d) Network Design

6. What is the goal of Artificial Intelligence? [C]

- a) To solve artificial problems
- b) To extract scientific causes
- c) To explain various sorts of intelligence
- d) To solve real-world problems

7 Which of the following is a component of Artificial Intelligence? [A]

- a) Learning
- b) Training
- c) Designing
- d) Puzzling

8 Which of the following is not a type of Artificial Intelligence agent? [D]

- a) Learning AI agent
- b) Goal-based AI agent
- c) Simple reflex AI agent
- d) Unity-based AI agent

9 Which of the following is not the commonly used programming language for Artificial Intelligence? [B]

- a) Perl
- b) Java
- c) PROLOG
- d) LISP

10 Which of the following is not an application of artificial intelligence? [D]

- a) Face recognition system
- b) Chatbots
- c) LIDAR
- d) DBMS

11 The total number of proposition symbols in AI are _____ [C]

- a) 3 proposition symbols
- b) 1 proposition symbols
- c) 2 proposition symbols
- d) No proposition symbols

12 Which of the following are the approaches to Artificial Intelligence? [D]

- a) Applied approach
- b) Strong approach
- c) Weak approach
- d) All of the mentioned

13 Face Recognition system is based on which type of approach? [B]

- a) Weak AI approach

- b) Applied AI approach
- c) Cognitive AI approach
- d) Strong AI approach

14 Which of the following can improve the performance of an AI agent? [B]

- a) Perceiving
- b) Learning
- c) Observing
- d) All of the mentioned

15 Which of the following is an expansion of Artificial Intelligence application? [D]

- a) Game Playing
- b) Planning and Scheduling
- c) Diagnosis
- d) All of the mentioned



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CERTIFICATE OF PARTICIPATION

Mr/Mrs/Ms

G. TARUN

from

Dhanekula Institute of Engineering & Technology has participated in A
Two-week Certification Program on

" AI and Chat GPT Applications "

Organized by the Department of
Information Technology from
08-08-2022 to 20-08-2022

J V N Raju
Coordinator

[Signature]
HOD

[Signature]
Principal



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CERTIFICATE OF PARTICIPATION

Mr/Mrs/Ms

G. MURALI

from

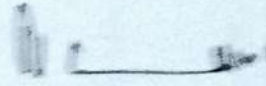
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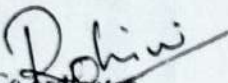
Date: 25-01-2023

CIRCULAR

This is hereby to inform all the II B.Tech students of IT, that department of INFORMATION TECHNOLOGY is organizing a two-week certification program on "*Neural Networks in Machine Learning*" from 06-02-2023 to 17-02-2023. Hence all the students are requested to enroll their names on or before 31-01-2023.

Venue. : T15

Co-ordinator: Ms V Rohini


Co-ordinator


PRINCIPAL

Principal
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

Copy to HOD



Organizing Committee

Convener: Dr. Sandeep Kotte

HOD, IT Department

Department of Information Technology

Dhanekula Institute of Engineering and Technology,

Vijayawada

Email: kottesandeep@gmail.com

Contact no:

9160113333

Advisory committee Members:

1. Dr. K. Sandeep
HOD, IT Department
2. DR . M.Vamsi Krishna
HOD, ECE Department
3. Dr. I. Sai Ram
HOD, EEE Department
4. Dr. O. Srikanth
HOD, ME Department
5. Dr. S. Sowmya
HOD, CSE Department
6. Dr. M. Nagarjuna
HOD, BS&H Department

For further communication: Coordinator:

1 Ms. Valaparla Rohini

Assistant professor

Department of IT

Email ID: valaparlarohini1998@gmail.com

Contact No: 8464947095

CHIEF PATRONS

- Sri. D. Ravindranath Tagore, Agriculturist
& Industrialist Chairman, DVST
- Sri. D. Bhavani Prasad,
Secretary, DVST
- Sri D.K.R.K. Ravi Prasad,
Sr Dy. General Manager Bharat
Electronics Limited, Machilipatnam
- Sri. D Nagendra Prasad,
Entrepreneur MD, Hotel D V Manor
- Dr. Ravi Kadiyala,
Principal, DIET, Vijayawada

A Two Week Certification Program
on

*" Neural Networks in Machine
Learning "*

06th Feb to 17th Feb 2023



**Organized by Department of
INFORMATION TECHNOLOGY**

**Dhanekula Institute of Engineering
and Technology**

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Kakinada)

Ganguru,
Vijayawada
Krishna District, A P (India)

www.diet.ac.in

About the Department:

Dhanekula Institute of Engineering and Technology is established in 2009 by Sri Ravindranath Tagore, Chairman, Agriculturalist and industrial organizations of Dhanekula group. The college was located at Ganguru Vijayawada, Krishna District of Andhra Pradesh.

The college offers B.Tech. programme in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses M.Tech in Computer Science and Environmental Engineering. All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The college is also accredited by MHRD for Innovation cell and TBI by MSME, GoI.

About the Department:

The department of Information Technology was established in 2020 with an intake of 60 students in the UG program. The department has highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audio-visual facilities with enough LCD and OHP's for effective teaching. The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Information Technology.

Objective of Certification Program:

- Medical diagnosis by medical image classification
- Targeted marketing by social network filtering and behavioral data analysis
- Financial predictions by processing historical data of financial instruments
- Electrical load and energy demand forecasting
- Process and quality control
- Chemical compound identification

Topics covered.

- Autoencoders based on neural networks
- Convolutional neural network model
- Recurrent neural network model
- Cryptographic applications using artificial neural networks
- Credit scoring system
- Web-based training environment
- Vehicle security system using facial recognition
- Automatic music generation

Registration Details Free

Last Date for Registration: 31.01.2023

REGISTRATION FORM

A Two Week Certification Program

On

"Neural Networks in Machine Learning"

Name: _____

Reg No. _____

Department _____

Organization _____

Address _____

Phone _____

Email: _____

Signature of the Participant

Signature of Head of the Institution
(With the official seal)



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Department of Information Technology

A Two Week Certification program
on

Neural Networks in Machine Learning

(06.02.2023 to 17.02.2023)

Date	Session-I	Session-II
06.02.2023 (Monday)	Inauguration	Introduction to Neural Networks in Machine Learning
07.02.2023 (Tuesday)	Basics of Artificial Neurons	Fundamentals of Feedforward Neural Networks
08.02.2023 (Wednesday)	Understanding Back propagation for Training Neural Networks	Introduction to Convolution Neural Networks(CNNs)
09.02.2023 (Thursday)	Introduction to Long Short-Term Memory(LSTM) Networks	Gated Recurrent Unit(GRU) Networks another Applications
10.02.2023 (Friday)	Unsupervised Learning with Neural Networks	Introduction to Generative Adversarial Networks
13.02.2023 (Monday)	Introduction to Leveraging pre-trained Neural Networks	Introduction to Reinforcement Learning with Neural Networks
14.02.2023 (Tuesday)	Neural Networks for Natural Language Processing(NLP)	Neural Networks in Computer vision

15.02.2023
(Wednesday)

Neural Networks in Time
series Analysis and
Forecasting

Merging Art and Machine
Learning

16.02.2023
(Thursday)

Interpreting Neural Network
Decisions

Applications of Neural
Networks in Natural Language
Processing(NLP)

17.02.2023
(Friday)

Ethical consideration in
Neural Network Design and
Deployment

Valedictory

Rohini
Coordinator

[Signature]
25/01/23
HOD, IT

Head of the Department
Department of Information Technology
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA-521 139



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Department of Information Technology

Name of the program: - Neural networks in machine learning

AY: 2022-2023

S.No	Roll Number	Name of the Student	Year & branch	Signature
1	218T1A1201	ANDUGULA NITHIN	II IT	A. Nithin
2	218T1A1202	BADIGA CHAITANYA	II - IT	B. Chaitanya
3	218T1A1203	BATTULA YASWANTH CHOWDARY	II - IT	B. Yaswanth
4	218T1A1204	BODAPATI JAYANTHI	II - IT	B. Jayanthi
5	218T1A1205	BORRA HIMA SRI	II IT	B. Hima Sri
6	218T1A1206	BORRA SHARON KUMAR	II IT	B. Sharon
7	218T1A1207	YAMANI VISHNU CHANDRA	II IT	Y. Vishnu
8	218T1A1208	CHEKKA BALAJI	II IT	C. Balaji
9	218T1A1209	CHITTIBOMMA VEERA VENKATA NAGA JAGADISH	II IT	J. Jagadish
10	218T1A1210	CHORAGUDI SUJITHA	II IT	Ch. Sujitha
11	218T1A1211	CHUNDURU PRANEETH	II IT	Ch. Praneeth
12	218T1A1212	DANDAMUDI NITHIN SAI	II IT	D. Nithin Sai
13	218T1A1213	DONTUKURTHY UMA MAHESWARI	II IT	U. Maheswari
14	218T1A1214	GOLLA NAGA MOHAN	II IT	G. Naga Mohan
15	218T1A1215	POLUKONDA PAVAN TEJA	II IT	P. Pavan Teja
16	218T1A1216	GUDAVALI VENKATA RAKESH	II IT	G. Rakesh
17	218T1A1217	HANUMOLU LIKHITHA	II IT	H. Likhitha
18	218T1A1218	JANNU SRIHARI	II IT	J. Srihari
19	218T1A1219	PERAM MOUNIKA	II - IT	P. Mounika
20	218T1A1220	KAKARLA NISHI	II - IT	K. Nishi
21	218T1A1221	KAMATHAM YAVANIKA	II - IT	K. Yavanika
22	218T1A1222	KANUMOLU ROOPA SAI NIKITHA DEVI	II - IT	K. Nikitha Devi
23	218T1A1223	KATTA JOSEPH SAMUEL	II - IT	J. Samuel
24	218T1A1224	KETHIREDDI VARUN SAI	II IT	K. Varun Sai
25	218T1A1225	KODALI MUNNI	II IT	K. Munni
26	218T1A1226	KOMARABATHINA PRUDHVI RAJ	II - IT	K. Prudhvi Raj
27	218T1A1227	KONGITHALA NAVYATHA	II IT	K. Navyatha
28	218T1A1228	KORITALA KARTHIK	II IT	K. Karthik
29	218T1A1229	KOTA THARUNI LAKSHMI KUMARI	II - IT	K. Tharuni
30	218T1A1230	KUNKALAGUNTA PREM NAGA SIVA	II - IT	K. Prem Naga Siva
31	218T1A1231	KURAMSETTY PURNA CHANDRA RAO	II - IT	K. Purna Chandra Rao
32	218T1A1232	MADDALA RAKESH	II - IT	M. Rakesh
33	218T1A1233	MAREEDU SAKETH	II - IT	M. Saketh
34	218T1A1234	MEDA MOHAN KRISHNA	II - IT	M. Mohan Krishna
35	218T1A1235	MOKSHITH SAI KOLA	II IT	M. Mokshith Sai
36	218T1A1236	MULAGALAPATI LOHITHA	II - IT	M. Lohitha
37	218T1A1237	NANDHAM HIMA SAI	II - IT	N. Hima Sai
38	218T1A1238	NIMMAGADDA GOPI CHANDAN	II - IT	N. Gopi Chandan
39	218T1A1239	PACHIGALLA PRANUTHI	II - IT	P. Pranuthi



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S.No	Roll Number	Name of the Student	Year & branch	Signature
40	218T1A1240	PATURI MOHAN SAI KRISHNA		
41	218T1A1241	PRODDUTURU SASI RAM KUMAR	II - IT	P. Sasi
42	218T1A1242	RAJULAPATI CHAKRI SAMBASIVA RAO	II - IT	R. Chakri
43	218T1A1243	KONDAPALLI DEVENDRANADH	II - IT	K. Devendra
44	218T1A1244	THAPPETA NARENDRA BABU	II - IT	T. Narendrababu
45	218T1A1245	SHAIK GALIB SHAHEED	II - IT	Sh. Galib
46	218T1A1246	SHAIK SABEEHA	II - IT	Sabeeha
47	218T1A1247	SHAIK SADHIK	II - IT	Sadhi K.
48	218T1A1248	SHAIK SAMEER	II - IT	S. Sameer
49	218T1A1249	SHAIK SHAHID	II - IT	Sh. Shahid
50	218T1A1250	SURANENI BHARGAV SAI	II - IT	S. Bhargav Sai
51	218T1A1251	SUVARANAKANTI PARDHA SARADHI	II - IT	S. Pardha
52	218T1A1252	THOLUSURI SHYAM AKHIL	II - IT	T. Shyam Akhil
53	218T1A1253	THUPAKULA ANUSHA	II - IT	T. Anusha
54	218T1A1254	TRIPURANENI PRATHYUSHA	II - IT	T. Prathyusha
55	218T1A1255	VAJJI HARSHA NANDINI	II - IT	V. Harsha
56	218T1A1256	VALLABHANENI GIRISHA	II - IT	V. Girisha
57	218T1A1257	VELAGAPUDI AKASH	II - IT	V. Akash
58	218T1A1258	YASO VARDHAN PAMPANA	II - IT	Yaso Vardhan
59	228T5A1201	BALLAMUDI YUGESHA SAI	II - IT	B. Yugesha Sai
60	228T5A1202	BOMMAREDDY DURGA VINAY REDDY	II - IT	B. Vinay Reddy
61	228T5A1203	GARIKIPATI YASWANTH	II - IT	G. Yaswanth
62	228T5A1204	GUTTUKONDA BHAVANI VENU GOPAL	II - IT	G. Venugopal
63	228T5A1205	KANKANALA VENKATA SAI KRISHNA	II - IT	K. Venkatesh
64	228T5A1206	PAGIDIPALLI RIYAZ	II - IT	P. Riyaz
65	228T5A1207	REVELLA VASUDEVA RAJU	II - IT	R. Vasudevaraju
66	228T5A1208	SHAIK RIYAZ	II - IT	Sh. Riyaz
67	228T5A1209	SIDDINENI BALA SAI GOPAL	II - IT	S. S. Gopal
68	228T5A1210	SUDDAPALLI HARSHA VARDHAN	II - IT	Harsha
69	228T5A1211	SYED SADIQ	II - IT	S. Sadiq
70	228T5A1212	TARRA GNANESWARA RAO	II - IT	T. Gnaneshwara Rao
71	228T5A1213	UDIYANA MEENAKSHI	II - IT	U. Meenakshi

Co-ordinator *Rohini*

Head of the Department
 Department of Information Technology
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833924843 / 8333924842

Department of information technology

Name of the Program: Neural networks in machine learning
Academic year: 2022-2023

S. No	Roll No	Name	06-02-2023		07-02-2023		08-02-2023		09-02-2023		10-02-2023		13-02-2023		14-02-2023		15-02-2023		16-02-2023		17-02-2023	
			F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A	F	A
1	218T1A 1201	ANDUGU LA NITHIN	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	218T1A 1202	BADIGA CHAITAN YA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	218T1A 1203	BATTULA YASWANT H CHOWDA RY	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	218T1A 1204	BODAPATI JAYANTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	218T1A 1205	BORRA HIMA SRI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	218T1A 1206	BORRA SHARON KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	218T1A 1207	YAMANI VISHNU CHANDR A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	218T1A 1208	CHEKKA BALAJI	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P



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Department of information technology

Name of the Program: Neural networks in machine learning

Academic year: 2022-2023

S. No	Roll No	Name	06-02-2023	07-02-2023	08-02-2023	09-02-2023	10-02-2023	13-02-2023	14-02-2023	15-02-2023	16-02-2023	17-02-2023	
			F N	A N	F N	A N	F N	A N	F N	A N	F N	A N	F N
1	218T1A 1201	ANDUGU LA NITHIN	P	P	A	P	P	P	P	P	P	P	P
2	218T1A 1202	BADIGA CHAITAN YA	P	P	P	P	P	A	P	P	P	P	P
3	218T1A 1203	BATTULA YASWANT H CHOWDA RY	A	P	P	P	P	P	P	P	P	P	P
4	218T1A 1204	BODAPATI JAYANTHI	P	P	P	P	P	P	P	P	P	P	P
5	218T1A 1205	BORRA HIMA SRI	P	P	P	P	A	P	P	P	P	P	P
6	218T1A 1206	BORRA SHARON KUMAR	P	P	P	P	P	P	P	P	P	P	P
7	218T1A 1207	YAMANI VISHNU CHANDR A	P	P	P	P	P	P	P	P	P	P	P
8	218T1A 1208	CHEKKA BALAJI	P	P	P	P	P	P	P	P	A	P	P



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63	228T5A 1205	KANKAN ALA VENKATA SAI KRISHNA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
64	228T5A 1206	PAGIDIPA LURIYAZ	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	228T5A 1207	REVELLA VASUDEV ARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	228T5A 1208	SHAIK RIYAZ	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	228T5A 1209	SIDDINEN IBALA SAI GOPAL	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	228T5A 1210	SUDDAPA LLI HARSHA VARDHAN	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
69	228T5A 1211	SYED SADIQ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	228T5A 1212	TARRA GNANESW ARARAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	228T5A 1213	UDIYANA MEENAKS HI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

Rohini
CO-ORDINATOR

[Signature]
HOD
Head of the Department
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Department Of Information Technology

20.02.2023

PROGRAM REPORT

Name of the Event: A Two Week Certification program on **Neural Networks in Machine Learning**

Date: 06.02.2023 to 17.02.2023

Resource Persons: Mr. K. Balabhaskar
Email: kbbhaskar27@gmail.com
Contact Number: 9014278129

Name of the Coordinators: Ms. V. Rohini
Assistant Professor
Department of IT
Email: vrohini1231@gmail.com
Contact Number: 8464947095

Number of Students Attended: 71

Venue: T15

Objectives:

- Develop a solid understanding of the foundational concepts of neural networks, including artificial neurons, weights, and activation functions, forming the basis for more advanced topics in the course.
- Dive deep into feedforward neural networks, grasping the intricacies of how information flows through the network layers and understanding the role of forward propagation in making predictions.
- Explore the fundamentals of Convolutional Neural Networks (CNNs), understanding their architecture and applications in image recognition, feature extraction, and spatial hierarchies.
- Delve into the dynamics of Recurrent Neural Networks (RNNs), unraveling their ability to handle sequential data and exploring applications in natural language processing and time series analysis.
- Learn how to leverage transfer learning techniques in neural networks, enabling the application of pre-trained models to new tasks and domains, saving time and resources in model training.

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Learning Outcomes:

- Develop practical skills in optimizing neural network performance, showcasing the ability to implement and fine-tune models using various optimization strategies and hyper parameter tuning techniques for improved results in real-world scenarios.
- Apply transfer learning techniques in neural networks, showcasing the ability to reuse pre-trained models for new tasks and domains, saving time and resources while achieving effective model performance.
- Apply knowledge of auto encoders to unsupervised learning tasks, showcasing the ability to use auto encoders for data compression, de-noising, and feature learning.
- Acquire competence in the back propagation algorithm, empowering participants to implement and explain how neural networks learn from data by adjusting weights to minimize prediction errors.

DhaneKula Institute of Engineering and Technology has organized “A Two Week Certification program on **Neural Networks in Machine Learning**” for II year B.Tech IT students from 06-02-2023 to 17-02-2023. A total of 71 students participated in this program.



Rohini
CO-ORDINATOR

Head of Department
Department of Information Technology
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Department of Information Technology

Assessment Form

Name of the Program: A two-week certification program on "*Neural Networks in Machine Learning*"

Date : 17-02-2023

Time :30 min

Max Marks :15 * 1 =15 Marks

Reg No: 21871A1201

Academic Year : 2022-23

Year/Sem : II-II

1. What is full form of ANNs? [C]

- A. Neural Node
- B. Neural Networks
- C. Artificial Neural Networks
- D. Artificial Neural numbers

14
—
15

2. Who was the inventor of the first neurocomputer? [B]

- A. Dr. John Hecht-Nielsen
- B. Dr. Robert Hecht-Nielsen
- C. Dr. Alex Hecht-Nielsen
- D. Dr. Steve Hecht-Nielsen

3. In which ANN, loops are allowed? [A]

- A. FeedForward ANN
- B. FeedBack ANN
- C. Both A and B
- D. None of the Above

4. Which of the following is not an Machine Learning strategies in ANNs? [C]

- A. Unsupervised Learning
- B. Reinforcement Learning
- C. Supreme Learning
- D. Supervised Learning

5. What is the full form of BN in Neural Networks? [D]

- A. Bayesian Networks
- B. Belief Networks
- C. Bayes Nets
- D. All of the above

6 Which of the following is an Applications of Neural Networks? [D]

- A. Automotive
- B. Aerospace
- C. Electronics
- D. All of the above

7 What is the name of node which take binary values TRUE (T) and FALSE (F)? [B]

- A. Dual Node
- B. Binary Node
- C. Two-way Node
- D. Ordered Node

8 What is Neuro software? [B]

- A. A software used to analyze neurons
- B. It is powerful and easy neural network
- C. Designed to aid experts in real world
- D. It is software used by Neurosurgeon

9 Neural Networks are complex _____ with many parameters. [A]

- A. Linear Functions
- B. Nonlinear Functions
- C. Discrete Functions
- D. Exponential Functions

10 The output at each node is called _____. [A]

- A. node value
- B. Weight
- C. neurons
- D. axons

11 The output at each node is called _____. [A]

- A. node value
- B. Weight
- C. neurons
- D. axons

12 The first artificial neural network was invented in _____. [B]

- A. 1957
- B. 1958

- C. 1959
- D. 1960

13 What's the main point of difference between human & machine intelligence? [D]

- A. human have emotions
- B. human have sense organs
- C. human have more IQ & intellect
- D. human perceive everything as a pattern while machine perceive it merely as data

14 What is perceptron? [A]

- A) a single layer feed-forward neural network with pre-processing
- B) an auto-associative neural network
- C) a double layer auto-associative neural network
- D) a neural network that contains feedback

15 What is an auto-associative network? [B]

- A) a neural network that contains no loops
- B) a neural network that contains feedback
- C) a neural network that has only one loop
- D) a single layer feed-forward neural network with pre-processing



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Certificate of Participation

This is to certify that

Mr./Mrs./Ms A. SAKETH from

DhaneKula Institute of Engineering & Technology has participated in A
Two-week certification Program on

"Neural Networks in Machine Learning"

Organized by the Department of
Information Technology from
06-02-2023 to 17-02-2023

Rohini
Coordinator

[Signature]
HoD

[Signature]
Principal



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Organized by the Department of
Information Technology from

06-02-2023 to 17-02-2023

Rohini
Coordinator

[Signature]
HoD

[Signature]
Principal