



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institute

Approved by A.I.C.T.E & Permanently Affiliated to JNTU GV

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

www.diet.edu.in, 9963994042, E-mail: igac@diet.edu.in

Summary Sheet: AQAR 2024 – 25	
CRITERION – II: TEACHING LEARNING AND EVALUATION	
Key Indicator – 2.3	Teaching – Learning Process
Metric No: 2.3.4 (Q ₁ M)	Preparation and adherence to academic calendar and teaching plans by the institution
Information – Relevant document with website links	
1) Academic Calendars	
2) Institute level academic planner	

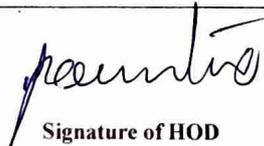
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)

Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU GV
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

ACADEMIC CALENDAR for I Year B.Tech. (Academic Year 2024-25)

Description	From	To	No. of weeks/days
Student Induction Program (Zero Semester)	19.07.2024	03.08.2024	2 weeks
I SEMESTER			
Description	From	To	No. of weeks/days
Total Instruction Period	05.08.2024	27.11.2024	16 Weeks
Instruction Period for Mid 1	05.08.2024	25.09.2024	7 Weeks 3 Days
I Mid Examinations	26.09.2024	28.09.2024	03 Days
Instruction Period for Mid 2	30.09.2024	27.11.2024	8 Weeks 3 Days
II Mid Examinations	28.11.2024	30.11.2024	03 Days
Practical Examinations	2.12.2024	07.12.2024	01 Week
End examinations	09.12.2024	21.12.2024	02 Weeks
Semester Break	21.12.2024	25.12.2024	01 Week
II SEMESTER			
Total Instruction Period	26.12.2024	16.04.2025	15 Weeks
Instruction Period for Mid 1	26.12.2024	19.02.2025	8 Weeks
I Mid Examinations	20.02.2025	22.02.2025	03 Days
Instruction Period for Mid 2	24.02.2025	15.04.2025	8 Weeks
II Mid Examinations	16.04.2025	19.04.2025	03 Days
Practical Examinations	21.04.2025	26.04.2025	01 Week
End examinations	28.04.2025	03.05.2025	01 Week


Signature of HOD

Head of the Department
Basic Sciences & Humanities
Dadi Institute of Engg. & Tech
Anakapalle - 531 002




Signature of Principal
PRINCIPAL
Dadi Institute of
Engineering & Technology
Autonomous
Anakapalle - 531 002.

ACADEMIC CALENDAR for II Year B.Tech. (Academic Year 2024-25)

I SEMESTER			
Description	From	To	No. of weeks/days
Total Instruction Period	08.07.2024	31.10.2024	16 Weeks
Instruction Period for Mid 1	08.07.2024	03.09.2024	8 Weeks 2 Days
I Mid Examinations	04.09.2024	06.09.2024	03 Days
Instruction Period for Mid 2	09.09.2024	31.10.2024	7 Weeks 4 Days
II Mid Examinations	01.11.2024	04.11.2024	03 Days
Practical Examinations	05.11.2024	09.11.2024	01 Week
End examinations	11.11.2024	23.11.2024	02 Weeks
Semester Break	24.11.2024	01.12.2024	01 Week
II SEMESTER			
Total Instruction Period	02.12.2024	19.03.2025	16 Weeks
Instruction Period for Mid 1	02.12.2024	29.01.2025	8 Weeks 3 Days
I Mid Examinations	30.01.2025	01.02.2025	03 Days
Instruction Period for Mid 2	03.02.2025	19.03.2025	7 Weeks 3 Days
II Mid Examinations	20.03.2025	22.03.2025	03 Days
Practical Examinations	24.03.2025	29.03.2025	01 Week
End examinations	01.04.2025	15.04.2025	02 Weeks
Commencement of Class Work	02.06.2025		



Dr. R Vaikunta Rao

Dr. R Vaikunta Rao

Principal

Dadi Institute of Engineering & Technology

Autonomous

Anapalle - 531002



Phone: Off: 08922-294316
Mobile: 8374033688
E-Mail: dap@jntugv.edu.in

Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY- GURAJADA-VIZIANAGARAM
VIZIANAGARAM – 535 003 Andhra Pradesh (India)
(Established by Andhra Pradesh Act No.22 of 2021)

Lr. No. JNTU-GV/DAP/AC/III Year/B. Tech/2024

Date: 25/06/2024

Dr. K. Chandra Bhushana Rao

M.E, Ph.D

Professor of Electronics and Communication Engineering &
Director of Academic and Planning

To
All the Principals of Affiliated Colleges,
JNTU-GV, Vizianagaram

Academic Calendar for III Year B. Tech for the Academic Year 2024-25

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period	08.07.2024	08.11.2024	18 weeks
Examinations			
I Mid Examinations	29.08.2024	31.08.2024	3 days
II Mid Examinations	06.11.2024	08.11.2024	3 days
Preparation & Practicals	11.11.2024	16.11.2024	1 week
End examinations	18.11.2024	30.11.2024	2 weeks
II SEMESTER			
Instruction Period	02.12.2024	05.04.2025	18 weeks
Examinations			
I Mid Examinations	30.01.2025	01.02.2025	3 days
II Mid Examinations	03.04.2025	05.04.2025	3 days
Preparation & Practicals	07.04.2025	11.04.2025	1 week
End examinations	14.04.2025	26.04.2025	2 weeks
Internship	28.04.2025	21.06.2025	8 weeks

Note:

- Dussehra Holidays: 07.10.2024 to 12.10.2024
- Pongal Holidays: 13.01.2025 to 18.01.2025


DAP, JNTU-GV

Prof. K.C.B.Rao

Copy to the Secretary to the Hon'ble Vice-Chancellor, JNTU-GV
Copy to PA to Registrar, JNTU-GV

Copy to Director Academic Audit, JNTU-GV
Copy to Director of Evaluation, JNTU-GV
Copy to Controller of Examination, JNTU-GV

Director, Academic and Planning (DAP)
JNTUGV-VIZIANAGARAM-535003



Phone: Off: 08922-294316
Mobile: 8374033688
E-Mail: dap@jntugv.edu.in

Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY- GURAJADA-VIZIANAGARAM
VIZIANAGARAM – 535 003 Andhra Pradesh (India)
(Established by Andhra Pradesh Act No.22 of 2021)

Lr. No. JNTU-GV/DAP/AC/IV Year/B. Tech/2024-25

Date: 25/06/2024

Dr. K. Chandra Bhushana Rao

M.E, Ph.D

Professor of Electronics and Communication Engineering &
Director of Academic and Planning

To
All the Principals of Affiliated Colleges,
JNTU-GV, Vizianagaram

Academic Calendar for IV Year B. Tech for the Academic Year 2024-25

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period	08.07.2024	08.11.2024	18 weeks
Examinations			
I Mid Examinations	29.08.2024	31.08.2024	3 days
II Mid Examinations	06.11.2024	08.11.2024	3 days
Preparation & Practical's	11.11.2024	16.11.2024	1 week
End examinations	18.11.2024	30.11.2024	2 weeks
II SEMESTER			
Instruction Period	02.12.2024	05.04.2025	18 weeks
Examinations			
First Review	30.01.2025	01.02.2025	3 days
Second Review	03.04.2025	05.04.2025	3 days
Thesis Submission & Seminar	07.04.2025	11.04.2025	1 week
End Viva-Voice Examinations	14.04.2025	19.04.2025	1 week

Note:

- Dussehra Holidays: 07.10.2024 to 12.10.2024
- Pongal Holidays: 13.01.2025 to 18.01.2025

DAP, JNTU-GV

Prof. K.C.B.Rao

Copy to the Secretary to the Hon'ble Vice-Chancellor, JNTU-GV
Copy to PA to Registrar, JNTU-GV
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Director, Academic and Planning (DAP)
JNTUGV-VIZIANAGARAM-535003

6. Lesson Plan



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NAAC Accredited Institute Recognized by UGC 2(F) and 12(B)

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DEPARTMENT OF COMPUTER SCIENCE- MACHINE LEARNING & DATA SCIENCE

Part – B

Name of the Course : Social Network Analysis
CLASS and Semester : IV CSM-A/CSM-B I Sem
ACADEMIC YEAR : 2024-2025
Regulation : R20

S.No		No. of periods required	Teaching & Learning Method	Proposed date of completion	Actual date of completion	HOD Review
UNIT-I						
Social Network Analysis:						
1	Preliminaries and definitions	2	TLM1	09-07-2024	15-07-2024	
2	Erdos number project	2	TLM1	15-07-2024	16-07-2024	
3	Centrality measures	2	TLM1	24-07-2024	22-07-2024	
4	Balance and Homophily	1	TLM1	24-07-2024	24-07-2024	



UNIT-II:

5	Random Graph Models	2	TLM1	06-08-2024	06-08-2024
6	Random graphs and Alternative Models	2	TLM1	07-08-2024	07-08-2024 to 08-08-2024
7	Models of Network Growth	1	TLM1	13-08-2024	14-08-2024
8	Navigation Social Networks	1	TLM1	13-08-2024	14-08-2024
9	Cohesive Sub Groups	2	TLM1	14-08-2024	29-07-2024 to 05-08-2024
10	Multidimensional Scaling	1	TLM1	20-08-2024	19-08-2024
11	Structural Equivalence	1	TLM1	21-08-2024	20-08-2024
12	Roles and Positions	1	TLM1	27-08-2024	20-08-2024

UNIT-III

13	Network Topology	3	TLM1	28-08-2024	21-08-2024
14	Diffusion	1	TLM1	03-09-2024	20-08-2024
15	Contagion in Networks	2	TLM1	04-09-2024	21-08-2024
16	Complex Contagion	2	TLM1	10-09-2024	27-08-2024
17	Percolation and Formation	1	TLM1	11-09-2024	28-08-2024
18	Navigation in networks Revisited	1	TLM1	11-09-2024	03-09-2024

UNIT-IV						
19	Small World Experiments	1	TLM1	18-09-2024	17-09-2024	
20	Small World Models	1	TLM1	18-09-2024	18-09-2024	
21	Origins Of Small World	1	TLM1	24-09-2024	11-09-2024	
22	Heavy Tails	1	TLM1	25-09-2024	25-09-2024	
23	Small Diameter	1	TLM1	15-10-2023	25-09-2024	
24	Clustering of Connectivity	1	TLM1	15-10-2024	25-09-2024	
25	The Erdos Renyi Model	1	TLM1	16-10-2024	11-09-2024	
26	Clustering Models	1	TLM1	16-10-2024	11-09-2024	

UNIT-V						
27	Network Structure	1	TLM1	22-10-2023	15-10-2024	
28	Important vertices and Page rank Algorithm	1	TLM1	22-10-2024	15-10-2024	
29	Towards Rational Dynamics in networks	1	TLM1	23-10-2024	15-10-2024	
30	Basics of Game Theory	1	TLM1	23-10-2024	23-10-2023	
31	Coloring and Consensus	1	TLM1	29-10-2024	22-10-2024	
32	Biased Voting	1	TLM1	29-10-2024	23-10-2024	
33	Network Formation Games	1	TLM1	30-10-2024	23-10-2024	
34	Network Structure and Equilibrium	1	TLM1	30-10-2024	30-10-2024	
35	Behavioural Experiments	1	TLM1	05-11-2024	30-10-2024	
36	Spatial and Agent Based Models	1	TLM1	05-11-2024	29-10-2024	

Total No. of Classes required for completing the syllabus: 39

M. Kalyani
Course Instructor Course Coordinator

M. Kalyani
Module Coordinator

M. Kalyani
Program Co-Ordinator

A. Venkatesh
HOD
Head of the Department
CSD & CSM
Dadi Institute of Engg. & Tech.
Autonomous
Anakapalle - 531 002.

III - II CN Lesson plan

CSD

S.No	Topic	No. of period required	Teaching Learning Method	Proposed date of completion	Actual date of completion
UNIT-I					
1.	History and development of computer Networks	1	TLM1	09-12-24	10/12/24
2.	Types of Networks (LAN, MAN, WAN), Network Topologies	2	TLM1	10-12-24	09/12/24
4.	Basic Network Architectures: OSI Reference model, TCP/IP Reference model	1	TLM1	12-12-24	11/12/24
6.	Difference between OSI & TCP/IP Model	2	TLM1	13-12-24	17/12/24
7.	OSI Versus TCP/IP	1	TLM1	16-12-24	13/12/24
8.	Wired and Wireless networks	1	TLM1	17-12-24	11/12/24
9.	Lack of OSI Success	1	TLM1	19-12-24	13/12/24
10.	Evolution of Internet, Need of internet	1	TLM1	19-12-24	20/12/24
11.	Introduction of Guided Media, Unguided media	2	TLM1	20-12-24	17/12/24
UNIT-II					
12.	Design issues in Datalink Layer	1	TLM1	21-12-24	20/12/24
13.	Design issues in Datalink Layer about flow control	1	TLM1	23-12-24	.
14.	Framing-Fixed size, Variable size Framing	2	TLM1	23-12-24	20/12/24
15.	Flow control & Error Control	1	TLM1	24-12-24	21/12/24
16.	Error Detection (Parity & CRC)	1	TLM1	26-12-24	27/12/24
17.	Error Correction (Hamming Code)	1	TLM1	27-12-24	27/12/24
18.	Checksum Using 1's Complement services provided Network Layer	1	TLM1	30-12-24	27/12/24
19.	Elementary Datalink Layer protocol	1	TLM1	30-12-24	03/01/25
20.	HDLC: configuration and transfer modes	1	TLM1	31-12-24	04/01/25
21.	HDLC: frames, control field	1	TLM1	02-01-25	04/01/25
22.	Point-to-point protocol (ppp); framing, transition phase.	1	TLM1	03-01-25	09/01/25
23.	Point-to-point protocol (ppp); transition phases and architecture.	1	TLM1	04-01-25	09/01/25
24.	Multilink ppp.	1	TLM1	06-01-25	09/01/25
25.	Multilink ppp, load balance, fragmentation, fault tolerance.	1	TLM1	07-01-25	09/01/25
Unit-III					

26	Introduction	1	TLM1	10-01-25	21/01/25
27	Random access protocols.	1	TLM1	17-01-25	22/01/25
28	Aloha and slotted aloha.	1	TLM1	18-01-25	24/01/25
29	Carrier sense multiple access(CSMA),CSMA with collision and detection.	1	TLM1	20-01-25	24/01/25
30	Controlled access: reservation, polling.	1	TLM1	23-01-25	25/01/25
31	Controlled access:token passing.	1	TLM1	22-01-25	25/01/25
32	Frequency division multiple access.	1	TLM1	23-01-25	25/01/25
33	Time division multiple access.	1	TLM1	24-01-25	03/02/25
34	Code division multiple access.	1	TLM1	25-01-25	03/02/25
35	Wired LANS ,ethernet protocol.	1	TLM1	27-01-25	10/2/25
36	Ethernet and standard ethernet.	1	TLM1	28-01-25	11/02/25
37	Standard ethernet categories.	1	TLM1	29-01-25	12/02/25
38	Fast ethernet(100mbps).	1	TLM1	29-01-25	12/02/25
39	Gigabit ethernet,10 gigabit ethernet.	1	TLM1	29-01-25.	12/02/25
UNIT-IV					
40	Introduction to network layer ,design issues of network layer.	1	TLM1	04/2-2025	19/2/25
41	Store and forward packet switching services provided to the network layer.	1	TLM1	06-02-2025	20/2/25
42	Implementation of connection oriented service,connectionless service,comparision of vc and datagram network.	1	TLM1	07-02-2025	22/2/25
43	Routing algorithms. the optimality principle-shortest path,flooding.	2	TLM1	11-02-2025	23/2/25
44	Distance vector,link state,hierarchical.	1	TLM1	13-02-2025	25/2/25
45	Introduction to congestion control.	1	TLM1	14-02-2025	22/2/25
46	Principles of congestion control.	1	TLM1	15-02-2025	25/2/25
47	Prevention and approaches of congestion control.	1	TLM1	18/02-2025	25/2/25
48	Traffic aware routing, admission control.	1	TLM1	20-02-2025	25/2/25
49	Load sheilding, traffic control algorithm,network differ,network connected.	2	TLM1	21-02-2025	28/2/25
50	Tunneling,Internetwrok routing, fragmentation,network layer in the internet.	1	TLM1	22-02-2025	28/2/25
51	IP protocols,IPV4,IPV4 header format.	1	TLM1	25-02-2025	04/3/25
52	IP address, classful addressing, CIDR,NAT.	1	TLM1	28-02-2025	04/3/25

53	IPV6,IPV6 header, transion from IPV4 to IPV6, comparision of IPV4 and IPV6,ICMP,ARP,DHCP	2	TLM1	01-03-2025	04/3/25 05/3/25
UNIT-V					
54	,Introduction to transport layer protocol,services,port number.	1	TLM1	04-03-2025	70/3/25
55	User data gram,services,applications,TCP services,features,segments,connections.	1	TLM1	06-03-2025	12/3/25
56	Congestion control in TCP, WWW,HTTP,electronic mail-architecture,email security,TELNET,DNS.	1	TLM1	11-03-2025	15/3/25
57	Caching,DNS messages,registrars.	1	TLM1	15-03-2025	17/3/25
58	Security of DNS name servers.	1	TLM1	18-03-2025	21/3/25
59	SNMP.	1	TLM1	19-03-2025	22/3/25

Total No. of classes Required to complete the syllabus: 64

M. Kalyani
Course Instructor

M. Kalyani
Course Coordinator

M. Kalyani
Module Co-Ordinator

M. Kalyani
Program Co-Ordinator HOD

Head of the Department
CSD & CSM
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Visakhapatnam, A.P. www.diet.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM & CSD)								
Course/Year/Sem- B. Tech II/II			Section- CSD		Academic Year: 2024-2025 w.e.f: 09-12-2024			
Lecture Hall-34			Class Teacher- : Mrs.D. Padma			Strength-52		
Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	DBMS	P&S	DE	DL&CO	LUNCH	DE	SM&DS	MENTOR
Tuesday	SM&DS	DBMS	P&S	DL&CO		DE LAB-3		
Wednesday	P&S	DTI LAB-3				DL&CO	DBMS	DE
Thursday	DBMS	SM&DS	DL&CO	DE		P&S	SM&DS	LIBRARY/SP
Friday	DE	DL&CO	P&S	DBMS		SO LAB-3		
Saturday	DL&CO	DE	SM&DS	P&S (T)		DBMS LAB-3		

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	P&S	Probability & Statistics (P&S)	Mr.Y.Someswara Rao	5+1 6
2	DE	Data Engineering (DE)	Mr.S.Syam Kumar	6
3	DBMS	Database Management Systems	Mrs.D.Padma	5
4	SMDS	Statistical Methods for Data Science	Dr.K.U.V.U.MA KAMESWAR	4+1 5
5	DL&CO	Digital Logic & Computer Organization	Mr.KSNV Someswara Rao	6
LABORATORY				
7	DE	Data Engineering	Mr.S.Syam Kumar	3
8	DBMS	Database Management Systems	Mrs.D.Padma	3
9	EDS	Exploratory Data Analysis	Mrs.M.Kalyani	3
10	DTI	Design Thinking & Innovation	Mrs.Ch.Usha	3

Total theory hours- 28

Total Lab hours-12

Mr.S.Syam Kumar
Time Table Coordinator

Mr. A. Venkateswara Rao
Head of Department
CSD & CSM
HOD-CSD
Dadi Institute of Engg. & Tech.
Autonomous

Dr. R. Vaikunta Rao
Principal



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Visakhapatnam, A.P. www.diet.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM & CSD)								
Course/Year/Sem- B. Tech II/II			Section- CSM - B		Academic Year: 2024-2025 w.e.f: 09-12-2024			
Lecture Hall-37			Class Teacher- : Mrs.Ch.Usha			Strength-38		
Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	ML	DL&CO	DBMS	MEFA	LUNCH	P&S	ML	LIBRARY/S
Tuesday	ML	DBMS	MEFA	DL&CO		AI & ML LAB-4		
Wednesday	II CSM B DTI		MEFA	DBMS		II CSM B SO LAB		
Thursday	II CSM B DBMS			P&S		DBMS	P&S	MEFA
Friday	DL&CO	P&S	ML	DL&CO		DL&CO	DBMS	MEFA
Saturday	DBMS	ML	P&S	DL&CO		P&S	ML	MENTOR

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	P&S	Probability & Statistics	Mr.Y.Someswara Rao	6
2	MEFA	Managerial Economics & Financial Analysis	Mr.Y.V.S Chaitanya	5
3	DBMS	Database Management Systems	Mrs.K.Lavanya	6
4	ML	Machine Learning	Mrs.Ch.Usha	5
5	DL&CO	Digital Logic & Computer Organization	Ms.B.Devi	6
LABORATORY				
7	Ai&ML	Artificial Intelligence & Machine Learning	Mrs.Ch.Usha	3
8	DBMS	Database Management Systems	Mrs.K.Lavanya	3
9	SO	SO(Full Stack Development Module-I)	Mrs.D.Padma	3
10	DTI	Design Thinking & Innovation	Mrs.R.Swapna	2

Total theory hours- 28

Total Lab hours: 11

Mr.S.Syam Kumar
Time Table Coordinator

Mr.A.Venkateswara Rao
Head of the Department
Dadi Institute of Engg. & Tech.
Autonomous

Dr. R. Vaikunta Rao
Principal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM&CSD)								
Course/Year/Sem- B. Tech II/II			Section- CSM-A		Academic Year:2024-2025 w.e.f:09-12-2024			
Lecture Hall-37			Class Teacher- :Mrs.K. Lavanya			Strength-65		
Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	DBMS	ML	DL&CO	P&S	LUNCH	DTI LAB-3		
Tuesday	ML	SO LAB-3				DL&CO	MEFA	DBMS
Wednesday	MEFA	DL&CO	P&S	DL&CO		ML	DBMS	P&S
Thursday	P&S	AI & ML LAB-3				DL&CO	MEFA	MENTOR
Friday	P&S	MEFA	ML	DBMS		P&S	ML	LIBRARY/SP
Saturday	DL&CO	DBMS LAB-7				ML	DBMS	MEFA

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	P&S	Probability & Statistics	Mr.Y.Someswara Rao	6
2	MEFA	Managerial Economics & Financial Analysis	Mr.Y.V.S Chaitanya	5
3	DBMS	Database Management Systems	Mrs.K.Lavanya	5
4	ML	Machine Learning	Mrs.Ch.Usha	6
5	DL&CO	Digital Logic & Computer Organization	Ms.B.Devi	6
LABORATORY				
7	AI&ML	Artificial Intelligence & Machine Learning	Mrs.Ch.Usha	3
8	DBMS	Database Management Systems	Mrs.K.Lavanya	3
9	SO	SO(Full Stack Development Module-I)	Mr.S.Syam Kumar	3
10	DTI	Design Thinking & Innovation	Mrs.R.Swapna	3

Total theory hours- 28

Total Lab hours:12

Mr.S.Syam Kumar
Time Table Coordinator

Mr.A.Venkateswara Rao
Head of the Department
HOD-CSD
Dadi Institute of Engg. & Tech.
Autonomous

Dr.R.Vaikunta Rao
Principal

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TECHNO
Reg. No.



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM & CSD)

Course/Year/Sem- B. Tech III/II

Section- CSM -A

Academic Year: 2024-2025

w.e.f: 02-12-2024

Lecture Hall-32		Class Teacher- : Mrs.G.Chandrika				Strength-65		
Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	CN	DL	DAA	SPM	LUNCH	CN LAB-7		
Tuesday	DC	CN	DL	DAA		DC	CN	LIB/SPORTS
Wednesday	DL	SO LAB-3				DAA	DC	DAA
Thursday	SPM	DC	CN	DL		AFEC LAB-7		
Friday	SPM	DL LAB-3				CN	DL	SPM
Saturday	CN	DAA	SPM	DC		DL	SPM	MENTOR/ES
	S.NO	SUB CODE	SUBJECT NAME		FACULTY NAME		HOURS	
	1	CN	Computer Networks		Mrs.R.Swapna		6	
	2	DL	Deep Learning		Mrs.P.Mounika		6	
	3	DAA	Design and Analysis of Algorithms		Mrs.G.Chandrika		5	
	4	SPM	Software Project Management		Mr.S.Syam Kumar		6	
	5	DC	Data Communications		Dr.B.Anjanees Kumar		5	
	6	ES	Employability Skills-II		Mrs.G.Chandrika		1	
	LABORATORY							
	7	CN LAB	Computer Networks		Mrs.R.Swapna		3	
	8	DL LAB	Deep Learning with Tensor Flow		Mrs.P.Mounika		3	
	9	AFCE LAB	Algorithms For Efficient Coding		Mrs.G.Chandrika		3	
	10	SO LAB	SO(Mean Stack Development Module-I)		Mrs.M.Kalyani		3	

Total theory hours- 29

Total Lab hours: 12


Mrs.S.Shyam Kumar
Time Table Coordinator


Mr.A.Venkateswara Rao
Head of Department
Dadi Institute of Engg. & Tech.
Autonomous
Anakapalle - 531002.


Dr. R. Vaikunta Rao
Principal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM & CSD)

Course/Year/Sem- B. Tech III/II

Section- CSD

Academic Year: 2024-2025 w.e.f: 02-12-2024

Lecture Hall-33

Class Teacher- : Mrs. P.Mounika

Strength-54

Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	DL	BDA LAB-3			LUNCH	BDA	DAA	CN
Tuesday	BDA	DC	CN	BDA		CN LAB-7		
Wednesday	CN	DL	DAA	BDA		SO LAB-3		
Thursday	DC	DAA	DL	CN		DL LAB-3		
Friday	BDA	CN	DAA	DC		BDA	DC	LIB/SPORTS
Saturday	DL	DC	DL	DAA		DC	CN	MENTOR/ES

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	CN	Computer Networks	Mrs.M.Kalyani	6
2	DL	Deep Learning	Mrs.P.Mounika	5
3	DAA	Design and Analysis of Algorithms	Mrs.G.Chandrika	5
4	SPM BDA	Big Data and Analytics	Mrs.D.Padma	6
5	DC	Data Communications	Dr.B.Anjaneer Kumar	6
6	ES	Employability Skills-II	Mrs.P.Mounika	1
LABORATORY				
7	CN LAB	Computer Networks Lab	Mrs.M.Kalyani	3
8	DL LAB	Deep Learning with Tensor Flow	Mrs.Ch.Usha	3
9	AFCE LAB	Big Data and Analytics Lab	Mrs.D.Padma	3
10	SO LAB	SO(Mean Stack Development Module-I)	Mrs.R.Swapna	3

Total theory hours- 29

Total Lab hours: 12

est
Mrs.S.Shyam Kumar
Time Table Coordinator

A. Venkateswara Reddy
Head of the Department
Mr.A. Venkateswara Reddy
Dadi Institute of Engg. & Tech.
Autonomous

R. Vaikunta Rao
Dr. R. Vaikunta Rao
Principal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (CSM & CSD)

Course/Year/Sem- B. Tech III/II

Section- CSM -B

Academic Year: 2024-2025

w.e.f: 02-12-2024

Lecture Hall-35		Class Teacher- : Mrs.P.MOUNIKA				Strength-29		
Day / Time	9- 9:50	9:50-10:40	11:00-11:50	11:50 - 12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	SPM	CN LAB-4			LUNCH	DC	DL	DAA
Tuesday	CN	DL	DC	CN		DL	DAA	SPM
Wednesday	SPM	DAA	DC	SPM		DL LAB-4		
Thursday	DL	SPM	CN	DC		SPM	CN	LIBRARY/SPORTS
Friday	DL	DAA	DC	CN		AFEC LAB-4		
Saturday	DAA	SO LAB-4				CN	DAA	MENTOR/ES

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	CN	Computer Networks	Mrs.M.Kalyani	6
2	DL	Deep Learning	Mrs.P.Mounika	5
3	DAA	Design and Analysis of Algorithms	Mrs.G.Chandrika	6
4	SPM	Software Project Management	Mr.S.Syam Kumar	6
5	DC	Data Communications	Dr.B.Anjanees Kumar	5
6	ES	Employability Skills-II	Mrs.P.Mounika	1
LABORATORY				
7	CN LAB	Computer Networks	Mrs.M.Kalyani	3
8	DL LAB	Deep Learning with Tensor Flow	Mrs.P.Mounika	3
9	AFCE LAB	AFEC Lab	Mrs.G.Chandrika	3
10	SO LAB	SO(Mean Stack Development Module-I)	Mrs.D.Padma	3

Total theory hours: 29

Total Lab hours: 12

PSK
Mrs.S.Shyam Kumar

Head of the Department
CSM & CSD
Dadi Institute of Engg. & Tech.
Mr. A. Venkateswara Rao
Autonomous

Dr. R. Vaikunta Rao
Dr. R. Vaikunta Rao



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech IV/I

Section- CSM -A /CSM B

Academic Year :2024-2025

Lecture Hall-24 Class Teacher- :Mrs.M.Kalyani Strength-78

Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	SO LAB	SNA	CC	FEV	LUNCH	UHV	FEV	CE
Tuesday	CE	BCT	CC	FEV		SNA	CC	CE
Wednesday	BCT	FEV	SNA	BCT		CE	UHV	SNA

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	BCT(PE 3)	BLOCK CHAIN TECHNOLOGIES	Mrs.G.Chandrika	4
2	CC(PE 4)	CLOUD COMPUTING	Mrs.P.Mounika	3
3	SNA(PE 5)	SOCIAL NETWORK ANALYSIS	Mrs M Kalyani	4
4	FEV(OE 3)	FUNDAMENTALS OF ELECTRIC VEHICLES	Mr.B.V.Veeranjeneyalu	4
5	CE(OE 4)	CONSUMER ELECTRONICS	Dr.B.Anjanees Kumar	3
6	UHV	UNIVERSAL HUMAN VALUES	Mr. Y. Babji	2
LABORATORY				
7	SO	MEAN STACK TECHNOLOGIES	Mrs.P.Mounika/Mrs.D.Padma	1

Total theory hours- 20

Total Lab hours:1

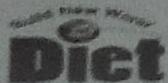
Swapna
06/07/2024
Mrs R.Swapna

Time Table Coordinator

A. Mounika
06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

R. Vaikunta Rao
6/7/24
Dr. R. Vaikunta Rao
Principal





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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech IV/I

Section- CSD/CSM B

Academic Year :2024-2025

Lecture Hall-24 Class Teacher- :Mrs.M.Kalyani Strength-79

Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Thursday	CC	BCT	CE	SNA	LUNCH	FEV	BCT	CC
Friday	SO LAB	CE	FEV	CC		SNA	UHV	CE
Saturday	CE	FEV	BCT	UHV		FEV	CC	SNA

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	BCT(PE 3)	BLOCK CHAIN TECHNOLOGIES	Mrs.G.Chandrika	3
2	CC(PE 4)	CLOUD COMPUTING	Mrs.P.Mounika	4
3	SNA(PE 5)	SOCIAL NETWORK ANALYSIS	Mrs M Kalyani	3
4	FEV(OE 3)	FUNDAMENTALS OF ELECTRIC VEHICLES	Mr.J.Deleep Kumar	4
5	CE(OE 4)	CONSUMER ELECTRONICS	Dr.B.Anjanees Kumar	4
6	UHV	UNIVERSAL HUMAN VALUES	Mr. Y. Babji	2
LABORATORY				
7	SO	MEAN STACK TECHNOLOGIES	Mrs.P.Mounika/Mrs.D.Padma	1

Total theory hours- 20

Total Lab hours:1

Swapha
Mrs R.Swapha

Time Table Coordinator

A Venkateswara Rao
Mr.A.Venkateswara Rao
HOD-CSMD

R Vaikunta Rao
Dr. R. Vaikunta Rao
Principal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech III/I

Section- CSM -A

Academic Year:2024-2025

Lecture Hall-30 Class Teacher- :Mrs.Ch.Usha Strength-58

Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	CD	SE	IOT	ML	LUNCH	OS&CD LAB-LAB 7		
Tuesday	SE	ML LAB-LAB 5				CD	ML	LIBRARY
Wednesday	IOT	ML	CD	SE		OS	IOT	OS
Thursday	CD	ML	OS	CD		SE	OS	IOT
Friday	SE	OS	ML	IOT		ML	CD	MENTOR/ES
Saturday	OS	SO LAB- LAB 3				SE	IOT	SPORTS

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	CD	COMPILER DESIGN	Mrs.Ch.Usha	6
2	OS	OPERATING SYSTEMS	Mrs.K Divya Kalyani	6
3	ML	MACHINE LEARNING	Mrs.R.Swapna	6
4	IOT(OE 1)	IOT &APPLICATIONS	Mr.A.Shankar Rao	6
5	SE(PE 1)	SOFTWARE ENGINEERING	Mr.S.Syam Kumar	6
6	ES	EMPLOYIBILITY SKILLS 1	Mrs.Ch.Usha	1
LABORATORY				
7	SO	DEVOPS	Mrs.P.Mounika	3
8	LAB	OS&CD LAB	Mrs.K.Divya Kalyani	3
9	LAB	MACHINE LEARNING LAB	Mrs.R.Swapna	3

Handwritten signatures and initials:
Mrs.Ch.Usha
Mrs.K Divya Kalyani
Mrs.R.Swapna
Mr.A.Shankar Rao
Mr.S.Syam Kumar
Mrs.P.Mounika
Mrs.K.Divya Kalyani
Mrs.R.Swapna

Total Theory Hours- 30

Total Lab Hours:9

Handwritten: Swapna 06/07/2024
Mrs R.Swapna
Time Table Coordinator

Handwritten: J. Venkateswara Rao 06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

Handwritten: Dr. R. Vaikunta Rao 06/07/24
Dr. R. Vaikunta Rao
Principal



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech III/I

Section- CSM -B

Academic Year :2024-2025

Lecture Hall-31 Class Teacher- :Mrs.P.Mounika Strength-37								
Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	IOT	ML	CD	SE	LUNCH	SE	CD	ES/MENTOR
Tuesday	CD	IOT	OS	CD		SE	OS	LIBRARY
Wednesday	ML	SE	OS	CD		SO LAB-LAB 3		
Thursday	ML	OS	IOT	SE		ML LAB-LAB 5		
Friday	IOT	ML	OS	ML		OS&CD LAB-LAB 7		
Saturday	SE	ML	OS	IOT		IOT	CD	SPORTS

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	CD	COMPILER DESIGN	Mrs.Ch.Usha	6
2	OS	OPERATING SYSTEMS	Mrs.K Divya Kalyani	6
3	ML	MACHINE LEARNING	Mrs.R.Swapna	6
4	IOT(OE 1)	IOT & APPLICATIONS	Mr.A.Shankar Rao	6
5	SE(PE 1)	SOFTWARE ENGINEERING	Mr.S.Syam Kumar	6
6	ES	EMPLOYIBILITY SKILLS I	Mrs.P.Mounika	1
LABORATORY				
7	SO	DEVOPS	Mrs.P.Mounika	3
8	LAB	OS&CD LAB	Mrs.K.Divya Kalyani	3
9	LAB	MACHINE LEARNING LAB	Mrs.R.Swapna	3

Handwritten signatures and initials on the right side of the table, including 'Usha', 'Divya', 'Swapna', 'Shankar', 'Syam', 'Mounika', 'P.Mounika', and 'Divya'.

Total Theory Hours- 30

Total Lab Hours:9

Signature of Mrs R. Swapna
06/07/2024
Mrs R.Swapna

Time Table Coordinator

Signature of Mr.A.Venkateswara Rao
06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

Signature of Dr. R. Vaikunta Rao
06/07/24
Dr. R. Vaikunta Rao
Principal



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Website: www.diet.edu.in, 9963993229 E-mail: info@diet.edu.in, principal@diet.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech III/I

Section- CSD

Academic Year :2023-2024

Lecture Hall-40 Class Teacher- :Mrs.R.Swapna Strength-53								
Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	SE	OS&CD LAB-LAB 7			LUNCH	IOT	ML	CD
Tuesday	IOT	OS	CD	OS		ML	SE	SPORTS
Wednesday	SE	SO LAB-LAB 5				ML	OS	LIBRARY
Thursday	SE	IOT	CD	ML		OS	SE	CD
Friday	OS	CD	IOT	CD		SE	ML	MENTOR
Saturday	IOT	OS	IOT	ML		ML LAB-LAB 5		

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	CD	COMPILER DESIGN	CH.Usha	6
2	OS	OPERATING SYSTEMS	K Divya Kalyani	6
3	ML	MACHINE LEARNING	Mrs.R.Swapna	6
4	IOT(OE 1)	IOT & APPLICATIONS	Mr.A.Shankar Rao	6
5	SE(PE 1)	SOFTWARE ENGINEERING	Mr.S.Shyam Kumar	6
6	ES	EMPLOYIBILITY SKILLS 1	Mrs.R.Swapna	1
7	SO	DEVOPS	Mrs.P.Mounika	3
8	LAB	OS&CD LAB	Mrs.K.Divya Kalyani	3
9	LAB	MACHINE LEARNING LAB	Mrs.R. Swapna	3

Total Theory Hours- 30

Total Lab Hours:9

Swapna
06/07/2024
Mrs R.Swapna
Time Table Coordinator

A. Venkateswara Rao
06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

R. Vaikunta Rao
06/07/24
Dr. R. Vaikunta Rao
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No.19, Annapuram - 531002, YSRAPATNAM, AP.
Website: www.dict.edu.in, 9963902228 E-mail: info@dict.edu.in, principal@dict.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech II/I Section- CSM -A Academic Year :2024-2025

		Lecture Hall-14 Class Teacher- :Mrs.G.Chandrika				Strength-60		
Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	UHV	ADS LAB-LAB 3			LUNCH	ADS	DMGT	PAI
Tuesday	PAI	DGMT	ADS	PAI		OOPS	UHV	SPORTS
Wednesday	ADS	OOPS LAB-LAB 3				OOPS	DGMT	UHV
Thursday	OOPS	SO LAB-LAB 3				UHV	PAI	DMGT
Friday	OOPS	PAI	DGMT	ADS		OOPS	UHV	LIBRARY
Saturday	ADS	DGMT	ADS	OOPS		PAI	UHV	MENTOR/ES

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	DMGT	Discrete Mathematics & Graph Theory	Dr. K.V .Uma Kameshwari	6
2	UHV	Universal Human Values 2	Mr.N.Nagaraju	6
3	PAI	Principles of Artificial Intelligence	Mrs.P.Mounika	6
4	ADS	Advanced Data Structures & Algorithms Analysis	Mrs.D.Padma	6
5	OOPS	Object Oriented Programming Through Java	Mr.A.Venkateswa Rao	6
6	ES	Environmental Science	Mr.S.Syam Kumar	1
7	ADS LAB	Advanced Data Structures and Algorithms	Mrs.G.Chandrika	3
8	OOPS LAB	Object Oriented Programming Through Java	Mr.A.VENKATESWARA RAO	3
9	SO LAB	Python programming	Mr.S.Syam Kumar	3

Nagaraju
P.Mounika
D.Padma
Mr.A.Venkateswa Rao
Mr.S.Syam Kumar

Chandrika

PSK

Total Theory Hours- 30

Total Lab Hours:9

2024/25
06/07/2024
Mrs R.Swapna
Time Table Coordinator

A.Venkat
06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

R.Vaikunta Rao
06/07/24
Dr. R. Vaikunta Rao
Principal



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Website: www.diet.edu.in, 9944003320 E-mail: info@diet.edu.in, principal@diet.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech II/II

Section- CSM -B

Academic Year :2024-2025

Lecture Hall-15 Class Teacher- :Mrs.D.Padma

Strength-25

Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	OOPS	DGMT	OOPS	PAI	LUNCH	UHV	PAI	LIBRARY
Tuesday	OOPS	ADS	OOPS	UHV		PAI	DGMT	SPORTS
Wednesday	UHV	ADS	DGMT	ADS		ADS LAB-LAB 7		
Thursday	ADS	UHV	PAI	DGMT		PAI	DGMT	MENTOR/ES
Friday	DGMT	SO LAB-LAB 3				ADS	PAI	UHV
Saturday	OOPS	UHV	OOPS	ADS		OOPS LAB-LAB 3		

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	DMGT	Discrete Mathematics & Graph Theory	Dr. K.V .Uma Kameshwari	6
2	UHV	Universal Human Values 2	Mr.N.Nagaraju	6
3	PAI	Principles of Artificial Intelligence	Mrs.P.Mounika	6
4	ADS	Advanced Data Structures & Algorithms Analysis	Mrs.D.Padma	6
5	OOPS	Object Oriented Programming Through Java	Mr.A.Venkateswa Rao	6
6	ES	Environmental Science	Mrs.D.Padma	1
7	ADS LAB	Advanced Data Structures and Algorithms Lab	Mrs.G.Chandrika	3
8	OOPS LAB	Object Oriented Programming Through Java Lab	Mr.A.VENKATESWARA RAO	3
9	SO LAB	Python programming	Mr.S.Syam Kumar	3

Total Theory Hours- 30

Total Lab Hours:9

Swapna
06/07/2024

Mrs R.Swapna

Time Table Coordinator

A.V.Venka
06/07/24

Mr.A.Venkateswara Rao

HOD-CSMD

R.Vaikunta
06/07/24

Dr. R. Vaikunta Rao

Principal



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NR-16, Anakapalle - 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in, 9063993220 E-mail: info@diet.edu.in, principal@diet.edu.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING(CSM&CSD)

Course/Year/Sem- B. Tech II/I

Section- CSD

Academic Year :2024-2025

Lecture Hall-35 Class Teacher- :Mr.S.Syam Kumar

Strength-43

Day / Time	9:00 - 9:50	9:50-10:40	11:00- 11:50	11:50 -12:40	12:40-01:30	1:30 -2:20	2:20- 3:10	3:10 - 4:00
Monday	UHV	IDS	ADS	OOPS	LUNCH	OOPS LAB-LAB 3		
Tuesday	DMGT	OOPS	DMGT	ADS		ADS	IDS	UHV
Wednesday	OOPS	IDS	UHV	DGMT		SO LAB-LAB 5		
Thursday	DMGT	ADS	OOPS	ADS		UHV	IDS	MENTOR/ES
Friday	IDS	ADS	OOPS	DMGT		DMGT	OOPS	UHV
Saturday	UHV	IDS LAB-LAB 5				IDS	DMGT	LIBRARY

S.NO	SUB CODE	SUBJECT NAME	FACULTY NAME	HOURS
1	DMGT	Discrete Mathematics & Graph Theory	Dr. K.V .Uma Kameshwari	6
2	UHV	Universal Human Values 2	Mr.Y.Babji	6
3	IDS	Introduction to Data Science	Mrs.Ch.Usha	6
4	ADS	Advanced Data Structures & Algorithms Analysis	Mrs.D.Padma	6
5	OOPS	Object Oriented Programming Through Java	Mr. A .VENKATESWARA RAO	6
6	ES	Environmental Science	Mrs.G.Chandrika	1
7	DS LAB	Introduction to Data Science lab	Mrs.Ch.Usha	3
8	OOPS LAB	Object Oriented Programming Through Java Lab	Mr. A.VENKATESWARA RAO	3
9	SO LAB	Python programming	Mr.S.Syam Kumar	3

Total Theory Hours- 30

Total Lab Hours:9

Swapna
06/07/2024
Mrs R.Swapna

Time Table Coordinator

A Venkateswara Rao
06/07/24
Mr.A.Venkateswara Rao
HOD-CSMD

Dr. R. Vaikunta Rao
06/07/24
Dr. R. Vaikunta Rao
Principal

Sl. No.	Roll No.	Name of the Student	DIV	10	11	12	13	14	15	16	17	18	19	20	21
1	22041A001	AMBATI MOHAN KRISHNA	1	2	3	4	5	6	7	8					
2	22041A002	BADDI DEEPIKA	1	2	3	4	5	6	7	8					
3	22041A003	BHEEMIREDDY SAI KRISHNA	1	2	3	4	5	6	7	8					
4	22041A004	BIRLANGI DINESH	1	2	3	4	5	6	7	8					
5	22041A005	BODDEDA HEMA DINESH	1	2	3	4	5	6	7	8					
6	22041A006	BODEPU YAGANNARUP	1	2	3	4	5	6	7	8					
7	22041A007	BORA DEEPAK	1	2	3	4	5	6	7	8					
8	22041A008	CPALLA LAKSHMI ANSARAYA	1	2	3	4	5	6	7	8					
9	22041A009	CHANDRANI ARUN KOMAR BABU	1	2	3	4	5	6	7	8					
10	22041A011	CHUKKA SIMPLI CHARMI KALYANI	1	2	3	4	5	6	7	8					
11	22041A012	DANNINA CHARISMA PRIYA	1	2	3	4	5	6	7	8					
12	22041A014	DONNARI DURGA MALESWARI	1	2	3	4	5	6	7	8					
13	22041A015	GANDHAN VAHINIETHI MAHAKRISHNA	1	2	3	4	5	6	7	8					
14	22041A016	GANDJI SAI VARDHAN	1	2	3	4	5	6	7	8					
15	22041A017	GOLI SURYATEJA	1	2	3	4	5	6	7	8					
16	22041A018	GORLE UMA DEVI	1	2	3	4	5	6	7	8					
17	22041A019	GOUDALA ALIVELU DURGA SIREETHA	1	2	3	4	5	6	7	8					
18	22041A020	GUMMADI RAMA DEVI	1	2	3	4	5	6	7	8					
19	22041A021	HARSHITHA NAYAK	1	2	3	4	5	6	7	8					
20	22041A022	INDUKURI MANIKANTA RAJU	1	2	3	4	5	6	7	8					
21	22041A023	KADAGALA GINDHU MADHURI	1	2	3	4	5	6	7	8					
22	22041A024	KALYAMPUDI HITESH	1	2	3	4	5	6	7	8					
23	22041A026	KANDREGULA VENKATESH	1	2	3	4	5	6	7	8					
24	22041A027	KARRI GOUDANAM KIRAN KOMAR	1	2	3	4	5	6	7	8					
25	22041A028	KONA NAYANA SRI	1	2	3	4	5	6	7	8					
26	22041A029	KOTLA CHITRAKSEVI SAI KRISHNA	1	2	3	4	5	6	7	8					
27	22041A030	MARRA GREETI CHARAN	1	2	3	4	5	6	7	8					

Signature of Faculty
Signature of HOD

Sl. No.	Roll No.	Name of the Student	DIV	10	11	12	13	14	15	16	17	18	19	20	21	22	23
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
2	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
3	11	12	13	14	15	16	17	18	19	20	21	22	23				
4	12	13	14	15	16	17	18	19	20	21	22	23					
5	13	14	15	16	17	18	19	20	21	22	23						
6	14	15	16	17	18	19	20	21	22	23							
7	15	16	17	18	19	20	21	22	23								
8	16	17	18	19	20	21	22	23									
9	17	18	19	20	21	22	23										
10	18	19	20	21	22	23											
11	19	20	21	22	23												
12	20	21	22	23													
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15	23																
16	24																
17	25																
18	26																
19	27																
20	28																
21	29																
22	30																

Signature of Faculty
Signature of HOD

Awarded Marks

Dadi Institute of Engineering & Technology (A), Anakapalle.

Roll No.	Total Periods (Attended) / Token	Total Periods (Taken) / (Attended)	% of Attendance	Internal Marks								Awarded Marks
				Test 1				Test 2				
				MID 1 (5)	Quiz 1 (10)	Assi-1 (5)	SUM 1	MID 2 (5)	Quiz 2 (10)	Assi-2 (5)	SUM 2 (30)	
22U41A4401	52	45	86.5	15	9	5	29	15	19	5	29	29
22U41A4402	52	39	75.0	12	9	5	26	15	9	5	29	28.4
22U41A4403	52	38	73.0	15	9	5	29	15	9	5	29	29
22U41A4404	52	37	71.1	13	9	5	27	15	9	5	29	28.6
22U41A4405	52	50	96.1	15	8	5	28	15	10	5	30	29.6
22U41A4406	52	47	90.3	12	4	5	21	11	9	5	25	24.2
22U41A4407	52	50	96.1	13	9	5	27	14	9	5	23	26.2
22U41A4408	52	41	78.8	10	9	5	24	9	9	5	23	23.8
22U41A4409	52	42	80.7	10	9	5	24	6	9	5	20	23.2
22U41A4410	52	40	76.9	15	9	5	29	15	9	5	29	29
22U41A4412	52	41	78.8	12	9	5	26	10	9	5	24	26.4
22U41A4414	52	42	80.7	13	9	5	27	15	9	5	29	28.6
22U41A4415	52	37	71.1	10	9	5	24	10	9	5	24	24
22U41A4416	52	44	84.6	11	9	5	25	12	9	5	26	27
22U41A4417	52	49	94.2	14	9	5	28	14	10	5	29	28.8
22U41A4418	52	44	84.6	10	9	5	24	9	9	5	23	23.8
22U41A4419	52	42	80.7	13	9	5	27	15	10	5	30	29.4
22U41A4420	52	33	63.4	9	9	5	23	8	8	5	21	22.6
22U41A4421	52	32	61.5	9	9	5	23	13	9	5	27	26.2
22U41A4422	52	40	76.9	12	9	5	26	10	9	5	24	26.4
22U41A4423	52	38	73.0	10	9	5	24	9	9	5	23	23.8
22U41A4425	52	35	67.3	10	8	5	23	10	6	5	21	22.6
22U41A4426	52	38	73.0	8	9	5	22	8	6	5	19	21.4
22U41A4427	52	34	65.3	9	8	5	22	8	10	5	23	22.8
22U41A4428	52	43	82.6	11	8	5	24	13	10	5	28	27.2
22U41A4429	52	44	84.6	10	8	5	23	10	9	5	24	23.8
22U41A4430	52	31	59.6	A	A	5	05	8	8	5	21	17.8
22U41A4431	52	44	84.6	11	8	5	24	9	9	5	23	23.8
22U41A4432	52	46	88.4	13	9	5	27	11	9	5	25	26.6
22U41A4433	52	37	71.1	12	9	5	26	15	10	5	30	29.2
22U41A4434	52	41	78.8	11	8	5	24	13	10	5	28	27.2
22U41A4435	52	29	55.7	7	8	5	20	8	8	5	21	20.8
22U41A4436	52	42	80.7	10	5	5	20	12	10	5	27	25.6

[Signature]
21/03/25

Sl. No.	Date	No. of Periods engaged	Topic Covered	REMARKS
1	19/12/24	1	Unit 1 Network types, Topologies	
2	11/12/24	1	OSI model	
3	13/12/24	1	IP model	
4	17/12/24	1	Differences b/w OSI & TCP/IP	
5	18/12/24	1	Transmission media Internet.	
6	20/12/24	1	Packet switching (Unit 2)	
7	20/12/24	1	Data link layer, Design issues.	
8	21/12/24	1	Error detecting techniques	
7	27/12/24	1	error detecting code	
8	27/12/24	1	error correcting code	
10	28/12/24	1	error correcting code	
12	31/12/24	1	Hamming code	
13	03/01/25	1	Design issues	
14	03/01/25	1	elementary data link layer protocols.	
15	04/01/25	1	Selective Repeat Arq	
16	09/01/25	2	HDLC protocol.	
17	21/01/25	1	PPP protocol.	
18	22/01/25	1	Random Access protocols	
19	24/01/25	1	Control Access protocols	
20	25/01/25	1	channelization protocols	
21	28/01/25	2	DMA	
22	29/01/25	1	mid examination	
23	30/01/25	2	mid examination	
24	31/01/25	1	mid examination	
25	05/02/25	1	channelization protocols.	
26	10/02/25	1	class test, carried labs	
27	14/02/25	1	OSMA	
28	16/02/25	1	skit	
29	17/02/25	1	standard ethernet	

Sl. No.	Date	No. of Periods engaged	Topic Covered	REMARKS
30	19/2/25	1	Unit 4	
31	20/2/25	1	7 layer model	
32	22/2/25	1	Routing algorithms	
33	25/2/25	1	Congestion Control	
34	28/2/25	1	Algorithms	
35	04/3/25	1	Internet working	
36	05/3/25	1	IPV4	
37	05/3/25	1	IPV6	
38	05/3/25	2	Unit 5	
39	12/3/25	1	TCP	
40	15/3/25	1	TCP	
41	17/3/25	1	HTTP	
42	24/3/25	1	DNS	
43	21/3/25	1	Revision	
44	28/2/25	1	OSI model	
45	28/2/25	1	OSI architecture.	
46	01/4/25	1	OSI model	
47	02/4/25	1	Revision	

SYLLABUS

2. Syllabus of the Course

III Year B.Tech CSE I Semester		L	T	P	C
		3	0	0	3
COMPUTER NETWORKS					

UNIT I:

Introduction: Network Types, LAN, MAN, WAN, Network Topologies Reference models- The OSI Reference Model- the TCP/IP Reference Model - A Comparison of the OSI and TCP/IP Reference Models, OSI Vs TCP/IP, Lack of OSI models success, Internet History.
Physical Layer –Introduction to Guided Media- Twisted-pair cable, Coaxial cable and Fiber optic cable and unguided media: Wireless-Radio waves, microwaves, infrared.

UNIT II:

Data link layer: Design issues, Framing: fixed size framing, variable size framing, flow control, error control, error detection and correction codes, CRC, Checksum: idea, one's complement internet checksum, services provided to Network Layer, Elementary Data Link Layer protocols: simplex protocol, Simplex stop and wait, Simplex protocol for Noisy Channel.
Sliding window protocol: One bit, Go back N, Selective repeat-Stop and wait protocol, Data link layer in HDLC: configuration and transfer modes, frames, control field, point to point protocol (PPP): framing transition phase, multiplexing, multi link PPP.

UNIT – III:

Media Access Control: Random Access: ALOHA, Carrier sense multiple access (CSMA), CSMA with Collision Detection, CSMA with Collision Avoidance, Controlled Access: Reservation, Polling, Token Passing,

Channelization: frequency division multiple Access(FDMA), time division multiple access(TDMA), code division multiple access(CDMA).

Wired LANs: Ethernet, Ethernet Protocol, Standard Ethernet, Fast Ethernet(100 Mbps), Gigabit Ethernet, 10 Gigabit Ethernet.

UNIT – IV:

The Network Layer Design Issues – Store and Forward Packet Switching-Services Provided to the Transport layer- Implementation of Connectionless Service-Implementation of Connection Oriented Service- Comparison of Virtual Circuit and Datagram Networks, Routing Algorithms-The Optimality principle-Shortest path, Flooding, Distance vector, Link state, Hierarchical, Congestion Control algorithms- General principles of congestion control, Congestion prevention polices, Approaches to Congestion Control- Traffic Aware Routing- Admission Control-Traffic Throttling-Load Shedding. Traffic Control Algorithm-Leaky bucket & Token bucket.

Internet Working: How networks differ- How networks can be connected- Tunnelling, internetwork routing-, Fragmentation, network layer in the internet – IP protocols-IP Version 4 protocol-IPV4 Header Format, IP addresses, Class full Addressing, CIDR, NAT-, Subnets-IP Version 6-The main IPV6 header, Transition from IPV4 to IPV6, Comparison of IPV4 & IPV6- Internet control protocols- ICMP-ARPDHCP

UNIT – V:

The Transport Layer: Transport layer protocols: Introduction-services- port number-User data gram protocol- User datagram-UDP services-UDP applications-Transmission control protocol: TCP servicesTCP features- Segment- A TCP connection- windows in TCP- flow control-Error control, Congestion control in TCP.
Application Layer -- World Wide Web: HTTP, Electronic mail-Architecture- web based mail- email security-TELENET-local versus remote Logging-Domain Name System: Name Space, DNS in Internet , -Resolution- Caching- Resource Records- DNS messages- Registrars-security of DNS Name Servers, SNMP.

Text Books:

1. Computer Networks — Andrew S Tanenbaum, Fifth Edition. Pearson Education/PHI
2. Data Communications and Networks – Behrouz A. Forouzan, Fifth Edition TMH.

References Books:

1. Data Communications and Networks- Achut S Godbole, Atul Kahate
2. Computer Networks, Mayank Dave, CENGAGE





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 Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

ACADEMIC CALENDAR for I Year B.Tech. (Academic Year 2024-25)

Description	From	To	No. of weeks/days
Student Induction Programme (Zero Semester)	19.07.2024	03.08.2024	2 weeks
I SEMESTER			
Description	From	To	No. of weeks/days
Total Instruction Period	05.08.2024	27.11.2024	16 Weeks
Instruction Period for Mid 1	05.08.2024	25.09.2024	7 Weeks 3 Days
I Mid Examinations	26.09.2024	28.09.2024	03 Days
Instruction Period for Mid 2	30.09.2024	27.11.2024	8 Weeks 2 Days
II Mid Examinations	28.11.2024	30.11.2024	03 Days
Practical Examinations	2.12.2024	07.12.2024	01 Week
End examinations	09.12.2024	21.12.2024	02 Weeks
Semester Break	21.12.2024	25.12.2024	01 Week
II SEMESTER			
Total Instruction Period	26.12.2024	16.04.2025	16 Weeks
Instruction Period for Mid 1	26.12.2024	19.02.2025	8 Weeks
I Mid Examinations	20.02.2025	22.02.2025	03 Days
Instruction Period for Mid 2	24.02.2025	15.04.2025	8 Weeks 1day
II Mid Examinations	16.04.2025	19.04.2025	03 Days
Practical Examinations	21.04.2025	26.04.2025	01 Week
End examinations	28.04.2025	09.05.2025	02 Weeks



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ACADEMIC CALENDAR for II Year B.Tech. (Academic Year 2024-25)

I SEMESTER			
Description	From	To	No. of weeks/days
Total Instruction Period	08.07.2024	31.10.2024	16 Weeks
Instruction Period for Mid 1	08.07.2024	03.09.2024	8 Weeks 2 Days
I Mid Examinations	04.09.2024	06.09.2024	03 Days
Instruction Period for Mid 2	09.09.2024	31.10.2024	7 Weeks 4 Days
II Mid Examinations	01.11.2024	04.11.2024	03 Days
Practical Examinations	05.11.2024	09.11.2024	01 Week
End examinations	11.11.2024	23.11.2024	02 Weeks
Semester Break	24.11.2024	01.12.2024	01 Week
II SEMESTER			
Total Instruction Period	02.12.2024	19.03.2025	16 Weeks
Instruction Period for Mid 1	02.12.2024	29.01.2025	8 Weeks 3 Days
I Mid Examinations	30.01.2025	01.02.2025	03 Days
Instruction Period for Mid 2	03.02.2025	19.03.2025	7 Weeks 3 Days
II Mid Examinations	20.03.2025	22.03.2025	03 Days
Practical Examinations	24.03.2025	29.03.2025	01 Week
End examinations	01.04.2025	15.04.2025	02 Weeks
Commencement of Class Work	02.06.2025		




Dr. R Vaikunta Rao
Principal
Dadi Institute of Engineering & Technology
Autonomous
Anakapalle - 531002



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ACADEMIC CALENDAR for III Year B.Tech. for the Academic Year 2024-25

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period	08.07.2024	08.11.2024	18weeks
Examinations			
I Mid Examinations	29.08.2024	31.08.2024	3days
II Mid Examinations	06.11.2024	08.11.2024	3days
Preparation & Practical's	11.11.2024	16.11.2024	1week
End examinations	18.11.2024	30.11.2024	2weeks
II SEMESTER			
Instruction Period	02.12.2024	05.04.2025	18weeks
Examinations			
I Mid Examinations	30.01.2025	01.02.2025	3days
II Mid Examinations	03.04.2025	05.04.2025	3days
Preparation & Practical's	07.04.2025	11.04.2025	1week
End examinations	14.04.2025	26.04.2025	2weeks
Internship	28.04.2025	21.06.2025	8weeks



Dr. R. Vaikunta Rao

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Website: www.diet.edu.in, 9963993229 E-mail: principal@diet.edu.in

ACADEMIC CALENDAR for IV Year B.Tech. for the Academic Year 2024-25

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period	08.07.2024	08.11.2024	18weeks
Examinations			
I Mid Examinations	29.08.2024	31.08.2024	3days
II Mid Examinations	06.11.2024	08.11.2024	3days
Preparation & Practical's	11.11.2024	16.11.2024	1week
End examinations	18.11.2024	30.11.2024	2weeks
II SEMESTER			
Instruction Period	02.12.2024	05.04.2025	18weeks
Examinations			
First Review	30.01.2025	01.02.2025	3days
Second Review	03.04.2025	05.04.2025	3days
Thesis Submission & Seminar	07.04.2025	11.04.2025	1week
End Viva-Voice Examinations	14.04.2025	19.04.2025	1week



Dr. R. Vaikunta Rao
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Dadi Institute of Engineering & Technology
Autonomous
Anapalle - 531002



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Website: www.diet.edu.in 9963694444 E-mail: info@diet.edu.in, principal@diet.edu.in

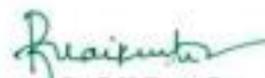
Academic Calendar for I Year MBA for the Academic Year 2024-2025

I Semester			
Description	From	To	No. of weeks/Days
Commencement of Class Work	22-8-2024		
Instruction period for Semester	22-8-2024	14-12-2024	17 Weeks
Commencement of Class Work for Mid-I Examinations	22-8-2024	16-10-2024	8 Weeks
Mid-I Examinations	17-10-2024	19-10-2024	3 Days
Commencement of Class Work for Mid-II Examinations	21-10-2024	14-12-2024	8 Weeks
Mid-II Examinations	16-12-2024	19-12-2024	3 Days
Preparation	20-12-2024	25-12-2024	1 Week
End Examinations	26-12-2024	10-1-2025	2 Weeks

II Semester			
Description	From	To	No. of weeks/Days
Commencement of Class Work	20-1-2025		
Instruction period for Semester	20-1-2025	17-5-2025	17 Weeks
Commencement of Class Work for Mid-I Examinations	20-1-2025	15-3-2025	8 Weeks
Mid-I Examinations	17-3-2025	19-3-2025	3 Days
Commencement of Class Work for Mid-II Examinations	20-3-2025	14-5-2025	8 Weeks
Mid-II Examinations	15-5-2025	17-5-2025	3 Days
Preparation			0Week
End Examinations	20-5-2025	30-5-2025	2 Weeks

Note: There is no semester break for PG students




Dr. R. Vaikunta Rao
PRINCIPAL

DADI INSTITUTE OF
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as DCI 0001/2015, P-1 (1/01/2013) & DCI 45001/2010 Constituted Institute.

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Academic Calendar for II Year MBA for the Academic Year 2024-2025

III Semester			
Description	From	To	No. of weeks/Days
Commencement of Class Work	12-8-2024		
Instruction period for Semester	12-8-2024	6-12-2024	17 Weeks
Commencement of Class Work for Mid-I Examinations	12-8-2024	5-10-2024	8 Weeks
Mid-I Examinations	7-10-2024	9-10-2024	3 Days
Commencement of Class Work for Mid-II Examinations	10-10-2024	4-12-2024	8 Weeks
Mid-II Examinations	5-12-2024	7-12-2024	3 Days
Preparation	9-12-2024	14-12-2024	3 Days
End Examinations	16-12-2024	28-12-2024	2 Weeks

IV Semester			
Description	From	To	No. of weeks/Days
Commencement of Class Work	2-1-2025		
Instruction period for Semester	2-1-2025	19-2-2025	17 Weeks
Commencement of Class Work for Mid-I Examinations	2-1-2025	23-2-2026	8 Weeks
Mid-I Examinations	24-2-2025	26-2-2025	3 Days
Commencement of Class Work for Mid-II Examinations	27-2-2025	19-4-2025	8 Weeks
Mid-II Examinations	24-4-2025	26-4-2025	3 Days
Preparation	28-4-2025	3-5-2025	1 Week
End Examinations	5-5-2025	17-5-2025	2 Weeks

Note: There is no semester break for PG students




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Phone : 9963994049, Website: www.diet.edu.in, E-mail: examcell@diet.edu.in

ACADEMIC CALENDAR for M.Tech I Year (Academic Year 2024-25)

I SEMESTER			
Description	From	To	No. of weeks/days
Total Instruction Period	17.09.2024	15.01.2025	16 Weeks
Instruction period for Mid-I	17.09.2024	20.11.2024	8 weeks 03 days
I Mid Examinations	21.11.2024	23.11.2024	03 Days
Instruction period for Mid-II	25.11.2024	15.01.2025	7 weeks 03 days
II Mid Examinations	16.01.2025	18.01.2025	03 Days
Preparation & Practical's	20.01.2025	26.01.2025	1 Week
End examinations	27.01.2025	08.02.2025	2 Weeks
Semester Break	10.02.2025	15.02.2025	1 Week
II SEMESTER			
Total Instruction Period	17.02.2025	18.06.2025	16 Weeks
Instruction period for Mid-I	17.02.2025	16.04.2025	7 Weeks 3 days
I Mid Examinations	17.04.2025	19.04.2025	03 days
Instruction period for Mid-II	21.04.2025	18.06.2025	8 Weeks 03 Days
II Mid Examinations	19.06.2025	21.06.2025	03 Days
Preparation & Practical's	23.06.2025	28.06.2025	1 Week
End examinations	30.06.2025	12.07.2025	2 Weeks
NEXT SEM START DATE	21.07.2025		


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(Dr. V. Lakshmi Reddy)
Principal
Dadi Institute of Engineering & Technology
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ACADEMIC CALENDAR for M.Tech. II Yr (Academic Year 2024-25)

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period (Project Work Phase-I)	12.08.2024	13.12.2024	18 Weeks
I Mid Examinations	03.10.2024	05.10.2024	03 Days
II Mid Examinations	11.12.2024	13.12.2024	03 Days
Preparation & Practicals	16.12.2024	21.12.2024	01 Week
End examinations	23.12.2024	28.12.2024	01 Week
II SEMESTER			
Project Work Phase-II	30.12.2024	26.04.2025	17 Weeks
Thesis Submission Duration	28.04.2025	17.05.2025	03 Weeks



Dr. R. Vaikunta Rao
PRINCIPAL

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ACADEMIC CALENDAR for BCA & MCA IYr (Academic Year 2024-25)

I SEMESTER			
Description	From	To	No. of weeks/days
Instruction Period	23.08.2024	18.12.2024	17 Weeks
I Mid Examinations	17.10.2024	19.10.2024	03 Days
II Mid Examinations	16.12.2024	18.12.2024	03 Days
Preparation & Practical's	19.12.2024	24.12.2024	1 Week
End examinations	26.12.2024	08.01.2025	2 Weeks
II SEMESTER			
Instruction Period	09.01.2025	07.05.2025	17 Weeks
I Mid Examinations	05.03.2025	07.03.2025	03 Days
II Mid Examinations	05.05.2025	07.05.2025	03 Days
Preparation & Practical's	08.05.2025	14.05.2025	1 Week
End examinations	15.05.2025	28.05.2025	2 Weeks



R. Vaikunta Rao
Dr. R. Vaikunta Rao
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STAFF WORKLOAD FOR AY 2024-25 ODD SEMESTER (I)												
S. No.	Name of the Faculty	Designation	Total Exp (in yrs)	DIET Exp (in yrs)	Theory 1 (hrs/week)	Theory 2 (hrs/week)	Theory 3 (hrs/week)	Lab 1 (hrs/week)	Lab 2 (hrs/week)	Lab 3 (hrs/week)	Total Work Load (in hrs/week)	Additional Responsibility
1	Dr.A DURGA SWAM PRASAD	Professor	17	0				II, EEE, ECA-II LAB (1)			00-12 15%	HOD EEE
2	Dr.ASLK GOPALAMMA	Associate Professor	8	2.5	II-EEE ECA-III						00-9 2%	Academic Coordinator, Admission committee convener, EEE Coordinator
3	Mr.A KRISHNA NAO	Associate Professor	14.5	7.5	II-EEE FACTS (1)	II-EEE, UEE(1)					00-17 2%	
4	Mr.S.VIJAY KUMAR	Associate Professor	29	10	II-EEE, PRO(1)	II-EEE DCSTF(1)	II-EEE ENG	II-EEE DCSTF LAB(1)			00-17 2%+1%+1%	Sports Coordinator, Dept. Academic Coordinator
5	Dr.S RAMANA KUMAR JOGA	Assistant Professor	9	1.8	II-4, EEE SS (1)	II-4, EEE A, FHEV(1)	II-EEE A, FHEV(1)			II-EEE SWR Python Lab(1)	00-19 2%+1%	Dept RA 0, BTE Coordinator, PG LAB Incharge, Inst level IC coordinator
6	Mr.K SRINIVASA RAO	Assistant Professor	15	3.3	II-4, EEE, P(1)	II-4, EEE B, FHEV(1)	II-EEE ENG	II-EEE B, FHEV(1)			00-19 2%+1%	Dept Training and Placement Coordinator, SCOT Coordinator (1), Power System Simulation Lab Incharge, II EEE Class teacher
7	Mr.K ALFON JOSE	Assistant Professor	14	3	II-4, EEE, P(1)	II-4, EEE, EE(1)		II-4, EEE, PE LAB(1)	II-4 CIVIL BEE (1)		00-21 2%+1%	Dept Timetable & Work load Coordinator, Dept Discipline & ICC & GR Coordinator / Bus 19 IC, Machine Lab IC, II EEE Class Teacher
8	Mr.J DEEPA KUMAR	Associate Professor	16	8	II-4, CSM-ACS, B, FHEV(1)	II-4, CSM- B, FHEV(1)	II-EEE, HEV(1)				00-11 2%	Assistant controller of Examinations , Transport IC, Electricity Supervisor
9	Mr.S.VEEERANJANI YULU	Assistant Professor	15	2.7	II-4, EEE, P(1)	II-4, EEE, P(1)		II-4, EEE, P LAB(1)	II-4, EEE, P LAB(1)		10-12+2%	Discipline coordinator (1), Dept. ICAC Coordinator, ICAC Co-Convener Inst level
10	Mr.G JAGADESH	Assistant Professor	10	10	II-4, EEE, A (1)	II-4, EEE CS (1)		II-4, EEE, CS LAB(1)	II DEEE, CAD LAB(1)		00-19 2%+2%	PG & Alumni Coordinator (PG Exam Cell), BUS 11 IC, CS Lab IC
11	Mr.V SUDHAKAR	Assistant Professor	6	2	II-4, EEE EWF(1)	II-4, EEE, NAN	II-4, EEE SKLU(1)			II-4, EEE, MEN LAB(1)	00-20 2%+1%	Bus & Internship Coordinator Inst level & Dept level, Circuits Lab IC
12	Mr.P.SRAVANA LAKSHMI	Assistant Professor	6	2.5	II-4, EEE, UNV-I (5)	II-4, EEE, UNV-II (2)	II-4, EEE, ENAS(1)			II DEEE, EM-I LAB(1)	00-19 2%+1%	Dy. HOD , Carben Committee Member, Dept Club activity Coordinator, IOT Lab IC, II EEE Class Teacher
13	Mr.C.H.LAKSHMI PRASANNA	Assistant Professor	4.5	2.3	II-4, EEE A, BEE(1)	II-4, EEE, DET(1)		II-4, EEE A, EEW LAB(1)			00-24 2%+1%	Inst EEE , Bus 04 IC, Power Electronics Lab Incharge
14	Mr.M HEMALATHA	Assistant Professor	2	1.5	II-4, EEE B, CEE(1)	II-4, EEE B, EEE JEE(1)		II-4, EEE B, CEE LAB(1)	II-4, EEE B, EEE LAB(1)		00-24 2%+1%	Dept Exam cell and OBE Coordinator, Measurements Lab IC, I B Tech EEE Class Teacher
15	Ms.B SOHNYA	Assistant Professor	1.4	1.4	II-4, EEE, EEE(1)	II-4, EEE ACTF (1)		II-4, EEE EE LAB(1)	II-4, EEE ACTF LAB (1)		00-21 2%+1%	Dept DLCC Coordinator & Dept KIM Coordinator
16	Mr.G SWATHI	Assistant Professor	2	3 Months	II-4, EEE, EM(1)	II-4, EEE, EEE(1)		II-4, EEE EEW LAB(1)	II-4, EEE, EE LAB(1)		00-21 2%+1%	II EEE Class Teacher, NSS & Sports coordinator

K. Alfonso Jose
 Department Timetable Coordinator
 20/8/24

(Signature)
 HOD, EEE
 20/8/24
 Head of the Department
 Electrical & Electronics Engg.
 Dadi Institute of Engg. Techn.
 Anaparthi - 51002

(Signature)
 200125
 Dadi Institute of Engineering & Technology
 Anaparthi - 51002

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Department of Electrical and Electronics Engineering (EEE)

Staff Workload for AY 2024-25 Even Semester: [] UG & Diploma

S.No.	Name of the Faculty	Designation	Theory I (Batches)	Theory II (Batches)	Theory III (Batches)	Lab 1 (Batches)	Lab 2 (Batches)	Total Work Load (in hours)
1	Dr. ASHOK GOPALAN	Associate Professor & H.O.D	III-EEE, ICA (06)			I-II-EEE, ICA-LAB (06)		12 (1T+1L)
2	Ms. P. SRIWANA LAKSHMI	Assistant Professor & Dy. H.O.D	III-EEE, PS (06)	III-EEE, PS (06)		I-II-EEE, PS LAB (06)	III-EEE, PS LAB (06)	20 (2T+2L)
3	Dr. S RAMANA RUPMAI JOGA	Assistant Professor	III-EE, EEL, PSA (06)	III-EE, EEL, PS, Phys (06)	III-EE, EEL, PS (06)	III-EE, EEL, Design Lab (06)		18 (3T+3L)
4	Mr. A. KRISHNA NAG	Associate Professor	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)		15 (2T+1L)
5	Mr. J. DEEPA KUMAR	Associate Professor	III-EEE, PS (06)	I-II, CEI, D (06)		III-EEE, PS Lab (06)		15 (2T+1L)
6	Mr. K. VIKRAM KUMAR	Associate Professor	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	III-EEE, PS Lab (06)	21 (2T+2L)
7	Mr. KRISHNA VASA RAO	Assistant Professor	III-EEE, PS (06)	I-II, CSE, A, C (06)		I-II, CSE, A, B, C LAB (06)	III-EEE, PS Lab (06)	24 (2T+2L)
8	Mr. K. VEERANJANEYULU	Assistant Professor	III-EEE, PS (06)	I-II, CSE, A, C (06)		I-II, CSE, A, B, C LAB (06)	I-II, ECE, B, N, A Lab (06)	34 (2T+2L)
9	Mr. V. SUDHAKAR	Assistant Professor	III-EEE, PS (06)	III-EEE, PS (06)	III-EEE, PS (06)	III-EEE, PS Lab (06)		23 (3T+1L)
10	Ms. CH. LAKSHMI PRASANNA	Assistant Professor & H.O.D, Diploma	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	I-II, CSE, D, BEE Lab (06)	24 (2T+2L)
11	Ms. K. ALFONSO JOSE	Assistant Professor	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	III-EEE, PS Lab (06)	21 (2T+2L)
12	Mr. G. SWATHI	Assistant Professor, NSS APO	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	III-EEE, PS Lab (06)	24 (2T+2L)
13	Mr. G. JAGADEESH	Assistant Professor	III-EEE, PS (06)	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	23 (3T+2L)
14	Ms. M. BHARATHA	Assistant Professor	III-EEE, PS (06)	III-EEE, PS (06)		III-EEE, PS Lab (06)	III-EEE, PS Lab (06)	24 (2T+2L)
15	New Faculty - 1	Assistant Professor	I-EEE, PS (06)	I-II, CSE, A, B, C (06)		I-II, CSE, A, B, C LAB (06)	I-II, ECE, PS LAB (06)	34 (2T+2L)
16	New Faculty - 2	Assistant Professor	I-II, CSE, A, B, C (06)	I-II, CSE, A, B, C (06)		I-II, CSE, A, B, C LAB (06)	I-II, ECE, PS LAB (06)	24 (2T+2L)

Note: Require 2 Faculty & 2 Technicians

Resignations Applied: 1. Ms. D. Sowmya, Asst. Prof. - Ph. D Full Time
2. Ms. D. Neelavathi, Technician - Marriage

Reasons for Sudden Workload: 1. 7 EEE Sections for I-II Semester
2. III EEE Classwork assigned to III Semester

Dr. S. E. K. Gopalan
HOD, EEE
11/11/24

Dr. A. Krishna Nag
Academic Coordinator
11/11/24

Dr. R. Venkata Rao
Principal
11/11/24

Head of the Department
Electrical & Electronics Engg.

Dr. S. E. K. Gopalan
P. S. Sriwani
Dr. S. Ramana Rupmai Joga
Dr. A. Krishna Nag
Dr. J. Deepa Kumar
Dr. K. Veeranjaneyulu
Dr. V. Sudhakar
Ch. Lakshmi Prasanna
Dr. K. Alfonso Jose
Dr. G. Swathi
Dr. G. Jagadeesh
Dr. M. Bharatha
Dr. R. Venkata Rao



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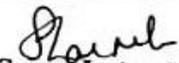
Teaching Learning Methods			
TLM1	Chalk and Talk	TLM5	Activity based Learning
TLM2	LCD Projector	TLM6	Flipped//Blended Learning
TLM3	Tutorial (Problem Solving)	TLM7	Experiential Learning
TLM4	Participatory Learning	TLM8	Project Based Learning

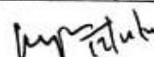
ACADEMIC CALENDAR:

Description	From	To	Weeks
I Phase of Instructions-I	08/07/2024	31-10-2024	16W
I Mid Examinations	04-9-2024	06-9-2024	3D
II Phase of Instructions	09-9-2024	11-10-2024	7W
II Mid Examinations	01-11-2024	04-11-2024	3D
Preparation and Practicals	05-11-2024	09-11-2024	1W
Semester End Examinations	11-11-2024	23-11-2024	2W

EVALUATION PROCESS:

Evaluation Task	Cos	Marks
First Mid Examination	1,2,3	M1=15
First Online Examination		OL1=10
First Assignment		A1=5
First Mid Marks Total (X1)=M1+OL1+A1		X1=30
Second Mid Examination	3,4,5,	M2=15
Second Online Examination		OL2=10
Second Assignment		A2=5
Second Mid Marks Total (X2) =M2+OL2+A2		X2=30
Cumulative Internal Examination Marks (X): (80% of Highest + 80% of Lowest)	1,2,3,4,5	X=30
Semester End Examinations	1,2,3,4,5	Y=70
Total Marks: X+Y	1,2,3,4,5	100


Course Instructor


HOD

DEPARTMENT OF CSE

SOFTWARE ENGINEERING

Head of the Department
Computer Science & Engg
Dadi Institute of Engg & Tech
Anakapalle-531002
SHARMILA



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Part - B

COURSE DELIVERY PLAN for LE'S

Name of the Course : Electromagnetic Field Theory

Class & Branch : II B.Tech I SemEEE

Academic Year : 2024-2025

Regulation : DR23

S.No.	Topic	No. of periods required	Teaching Learning Method	Proposed date of completion	Actual date of completion
Unit-1 Electrostatics					
1	Scalars and Vectors, Unit vector, Position and distance vectors	1	TLM1, TLM 4	09-07-2024	9/7/2024
2	Vector addition and subtraction	1	TLM1, TLM 4	10-07-2024	10/7/2024
3	Vector multiplication, Components of a vector	1	TLM1, TLM 4	11-07-2024	10/7/2024
4	Rectangular and Cylindrical coordinate systems.	1	TLM1, TLM 4	12-07-2024	12/7/2024
5	Spherical coordinate systems.	1	TLM1, TLM 4	13-07-2024	12/7/2024
6	Conversion of coordinate systems	1	TLM1, TLM 4	16-07-2024	15/7/2024
7	Differential length, Area and Volume	1	TLM1, TLM 4	18-07-2024	16/7/2024
8	Del operator, Gradient of a scalar	1	TLM1, TLM 4	19-07-2024	23/7/2024
9	Divergence of a vector and Divergence theorem (definition only)	1	TLM1, TLM 4	20-07-2024	23/7/2024
10	Curl of a vector and Stoke's theorem (definition only).	1	TLM1, TLM 4	23-07-2024	24/7/2024
11	Coulombs law	2	TLM1, TLM 4	25-07-2024	27/7/2024
12	Electric field intensity	2	TLM1, TLM 4	27-07-2024	30/7/2024
13	EFI due to Continuous charged distributions	2	TLM1	31-07-2024	5/8/2024
14	Electric flux density and Work done	2	TLM1, TLM 4	01-08-2024	8/8/2024
15	Electric Potential- properties of potential function, Potential Gradient	1	TLM1, TLM 4	03-08-2024	8/8/2024
16	Gauss law	1	TLM1, TLM 4	04-08-2024	9/8/2024
17	Laplace's and Poisson's equations.	1	TLM1, TLM 4	06-08-2024	13/8/2024
Unit-2 Conductors-Di electrics and Capacitance					
1	Electric dipole and dipole moment	1	TLM1	07-08-2024	12/8/2024
2	Behavior of conductor in Electric field	1	TLM1	08-08-2024	17/8/2024
3	Conductors and insulators	1	TLM1	09-08-2024	20/8/2024
4	Polarization and capacitance	3	TLM1, TLM 4	10-08-2024	22/8/2024
5	Continuity equation and relaxation time	1	TLM1	11-08-2024	21/8/2024
6	Ohms law	3	TLM1	12-08-2024	21/8/2024
7	Boundary Conditions	3	TLM1, TLM 4	13-08-2024	29/8/2024
Unit-3 Magneto statics, Ampere's Law and Force in magnetic fields					
1	Biot-Savart's law and its applications	2	TLM1	17-08-2024	11/9/2024
2	Maxwell's equations	1	TLM1, TLM3	20-08-2024	11/9/2024

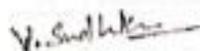
S.No.	Topic	No. of periods required	Teaching Learning Method	Proposed date of completion	Actual date of completion
3	Ampere's law and MFI	1	11.M1	21.09.2024	15/10/2024
4	Magnetic force and Lorentz force equation	1	11.M1,11.M4	28.09.2024	22/10/2024
5	Force on different current carrying conductors	4	11.M1,11.M4	02.10.2024	01/11/2024
Unit-4 Self and mutual inductance					
1	Self inductance	2	11.M1	10.09.2024	20/09/2024
2	Mutual inductance	2	11.M1	13.09.2024	20/09/2024
3	Self inductance of solenoid, toroid and coaxial cable	3	11.M1,11.M4	17.09.2024	11/10/2024
4	Mutual inductance between a straight long wire and a square loop	1	11.M1,11.M3	19.09.2024	14/10/2024
5	Energy stored and energy density	1	11.M1	24.09.2024	16/10/2024
Unit-5 Time Varying Fields					
1	Faraday's laws of EMI	1	11.M1	27.09.2024	16/10/2024
3	Maxwells equations	1	11.M1	01.10.2024	27/10/2024
4	Static and dynamic emf	2	11.M1	03.10.2024	10/11/2024
5	Displacement Current	1	11.M1	05.10.2024	22/10/2024
6	Poynting theorem and Vector.	3	11.M1	08.10.2024	21/10/2024

Total No. of classes Required to complete the syllabus: 69

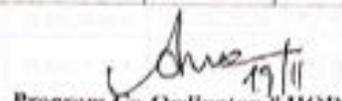
TLM1	Chalk and Talk	TLM4	Problem Solving	TLM7	Seminars or GD
TLM2	PPT	TLM5	Programming	TLM8	Lab Demo
TLM3	Tutorial	TLM6	Assignments or Quiz	TLM9	Case study

EVALUATION PROCESS:

Evaluation Task	COs	Marks
First Mid Examination	1,2	M1-15
First Online Examination	1,2	OL1-10
First Assignment	1,2	A1-5
First Mid Marks Total (X1) = M1+OL1+A1	1,2	X1-30
Second Mid Examination	3,4,5	M2-15
Second Online Examination	3,4,5	OL2-10
Second Assignment	3,4,5	A2-5
Second Mid Marks Total (X2) = M2+OL2+A2	3,4,5	X2-30
Cumulative Internal Examination Marks (X): (80% of Highest + 80% of Lowest)	1,2,3,4,5	X-30
Semester End Examinations	1,2,3,4,5	Y-70
Total Marks: X+Y	1,2,3,4,5	100


Course Instructor


Course Coordinator


Program Co-Ordinator & HOD
Head of the Department
Electrical & Electronics Engg.
Dadi Institute of Engg. Tech.
Anakapalle - 511 902

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course/Year/Sem- B, Tech III/II Section- B Acad omic Year -2024-2025

w.e.f.- 09-12-2024 Lecture Hall-18 Class Teacher: Mrs P. Neeraja Strength-62

Day / Time	9-9:50	9:50-10:40	11:00-11:50	11:50-12:40	12:40-01:30	1:30-2:20	2:20-3:10	3:10-4:00
Monday	MEFA	DT	FLAT	OS	L U N C H	P&S	DBMS	OS
Tuesday	FLAT	MEFA	OS	P&S		DBMS LAB-5		
Wednesday	P&S	DBMS	MEFA	FLAT		DBMS	OS	MENTOR
Thursday	P&S	DBMS	FLAT	MEFA			OS LAB-5/7	
Friday	P&S	OS	DT LAB-5			FLAT	DBMS	MEFA
Saturday	MEFA	FLAT	DBMS	P&S		SO		SO LAB-5

S.NO	SUB CODE	SUBJECT NAME	HOURS	FACULTY	PHONE NO
1	P&S	Probability and Statistics	6	Mr.K.Ram Prasad	9550737484
2	DBMS	Database Management Systems	6	Mrs.S.Venkata Lakshmi	9398563770
3	FLAT	Formal Languages and Automata Theory	6	Mrs.M.Sharmila	9100955736
4	OS	Operating Systems	5+1M	Mrs.P.Neeraja	7034604250
5	MEFA	Managerial Economics and Financial Account	6	Ms M Rupa Sree	9551408888

LABORATORY

7	DBMS Lab	Database Management Systems Lab	3	Mr.N.S.Prasad	8309806884
8	OS Lab	Operating Systems Lab	3	Mrs.P.Madhavi Latha	955080695
9	DT Lab	Design Thinking Lab	3	Dr.K. Sujatha	9963993228
10	SO	Skill Oriented Course - II Web Application Development Using Full Stack -Frontend Development -Module-II	3	Mrs.A.Revathi	7013004671

Total theory hours-30 Total Lab hours:12
 Mrs Ch.GunnaLakshmi  Dr. K. Sujatha  Mr.A KrishnaNag  Dr. R. Vaikunta Rao
 Time Table Coordinator HOD-CSE Dean - Academics Principal
 Head of the Department
 Computer Science & Engg
 Dadi Institute of Engg & Tech
 Anakapalle-531002

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course/Year/Sem- B, Tech III/II Section- A Academic Year -2024-2025

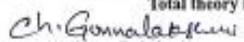
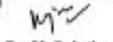
w.e.f.- 09-12-2024 Lecture Hall-17 Class Teacher: Mrs.S.Venkata Lakshmi Strength-63

Day / Time	9-9:50	9:50-10:40	11:00-11:50	11:50-12:40	12:40-01:30	1:30-2:20	2:20-3:10	3:10-4:00
Monday	P&S	DBMS LAB-5/7			L U N C H	DBMS	MEFA	OS
Tuesday	DBMS	P&S	FLAT	DT		OS	FLAT	MEFA
Wednesday	OS	FLAT	P&S	MEFA		MEFA	OS	MENTOR
Thursday	MEFA	P&S	DT LAB-5			OS	FLAT	DBMS
Friday	FLAT	DBMS	P&S	MEFA		SO	SO LAB-5/7	
Saturday	OS LAB-5/7			FLAT		P&S	OS	DBMS

S.NO	SUB CODE	SUBJECT NAME	HOURS	FACULTY	PHONE NO
1	P&S	Probability and Statistics	6	Mr.K.Ram Prasad	9550737484
2	DBMS	Database Management Systems	5+1M	Mrs.S.Venkata Lakshmi	9398563770
3	FLAT	Formal Languages and Automata Theory	6	Mrs.M.Sharmila	9100955736
4	OS	Operating Systems	6	Mrs.S.Manasa	9550106864
5	MEFA	Managerial Economics and Financial Account	6	Ms M Rupa Sree	9551408888

LABORATORY

7	DBMS Lab	Database Management Systems Lab	3	Mr. Ch.S.K.V.R.Naidu	7842931529
8	OS Lab	Operating Systems Lab	3	Mr.N.S.Prasad	8309806884
9	DT Lab	Design Thinking Lab	3	Dr.K. Sujatha	9963993228
10	SO	Skill Oriented Course - II Web Application Development Using Full Stack -Frontend Development -Module-II	3	Mrs.A.Revathi	7013004671

Total theory hours-30 Total Lab hours:12
 Mrs Ch.GunnaLakshmi  Dr. K. Sujatha  Mr.A KrishnaNag  Dr. R. Vaikunta Rao
 Time Table Coordinator HOD-CSE Dean - Academics Principal
 Head of the Department
 Computer Science & Engg
 Dadi Institute of Engg & Tech



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute)

Approved by AICTE, New Delhi & Permitted, Affiliated to JNTU - V.
 Accredited by NAAC with 'A' Grade and Inclusion in 201 & 12(B) of UGC Act
 (Institutions for Women) - 2017 & 2019 (2017, 2019) Category: B
 NH-16, Anakapalle - 511002, Visakhapatnam, A.P.
 Mobile: +91 9965993229, Website: www.diet.edu.in, E-mail: principal@diet.edu.in

Department of Electrical and Electronics Engineering

EEE

B.Tech (E) Sec A

Academic Year - 2024-25

Sl. No: 08/07/2024

Class Teacher - Mrs. P. Sravani Lakshmi

Total Strength

ROOM NO. - 110-35

Day/ PERIOD	8:00-9:45 AM	9:50-10:45 AM	10:45-11 AM	11:00-11:50 AM	11:50-12:45 PM	12:45 - 1:30 PM	1:30-2:20 PM	2:20-3:10 PM	3:10-4:00 PM	
MON	UVI-I	ECA-II	B B E A K	DCM & TF	CVSM	L E S C H	CVSM	ECA-II	UVI-I	
TUE	EMF	UVI-I		ECA-II	DCM & TF		DS LAB			
WED	UVI-I	EMF		DCM & TF	ES		DCT/ECA-II LAB			
THU	CVSM	ECA-II		ES	DCM & TF		DCM & TF	EMF	Monitoring	
FRI	EMF	DCT/ECA-II LAB					ECA-II	CVSM	UVI-I	
SAT	CVSM	DCM & TF	B A R K E	ECA-II	EMF	EMF	CVSM	Sports		

S.No	Sub Code	Subject Name	No of Hours/Week	Name of the Faculty
1	CVSM (BS)	Complex Variables & Numerical Methods (BS)	4	Mr. V. Sameshwar Rao
2	UVI-I (HSMC)	Universal Human Values Understanding Harmony (HSMC)	2	Mrs. P. Sravani Lakshmi
3	EMF (ES)	Electromagnetic Field Theory (ES)	4	Mr. V. Sudhakar
4	ECA-II (PC-II)	Electrical Circuit Analysis-II (PC-II)	4	Dr. A. S. L. S. Gopalakrishna
5	DCM & TF (PC-III)	DC Machines & Transformers (PC-III)	4	Dr. K. Durga Sreeni Prasad
Laboratory				
S.No	Lab Code	Lab Name	No of Hours/Week	Name of the Faculty
6	ECA-II & S Lab (PC-III)	Electrical Circuit Analysis-II and Simulation Lab (PC-III)	4	Dr. A. S. L. S. Gopalakrishna
7	DCM & TF Lab (PC-IV)	DC Machines & Transformers Lab (PC-IV)	4	Dr. K. Durga Sreeni Prasad
8	DS (SC)	Data Structures (SC)	2	Mr. N. S. Prasad
9	ES (AC)	Environmental Science (AC)	2	Mr. K. Srinivasa Rao
10	---	Sports	4	
11	---	Monitoring	4	

K. Srinivas
 HOD, EEE
 Coordinator

Dr. A. S. L. S. Gopalakrishna
 HOD, EEE
 Head of the Department
 Electrical & EEE
 Dadi Institute of Engineering & Technology
 Anakapalle-511002

P. Sravani Lakshmi
 PRINCIPAL

Institute of Engineering & Technology
 Autonomous
 Anakapalle-511002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute)



Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to (NTU-GV)
 Accredited by N.A.A.C. - "A" Grade and (MBA/MS/IT) & (M.Tech) of UGC Act
 No. 263/2004/2015, P.O. No. 1001/2015 & P.O. No. 1002/2015 of UGC Institute
 NH-16, Anakapalle - 531002, Visakhapatnam, A.P.
 Mobile: +91 9963993229, Website: www.diet.edu.in, E-mail: principal@diet.edu.in

Department of Electrical and Electronics Engineering

ECE

B.Tech/ HET Sec A

Academic Year - 2024-25

WJ298072804

Class Teacher - Mr.G.Jagadeesh Total Strength-52 ROOM NO:122

Day/ PERIOD	8:00-9:30 AM	9:30-10:00 AM	10:45-11 AM	11:00-11:30 AM	11:30-12:00 PM	12:00-1:30 PM	1:30-2:30 PM	2:30-3:15 PM	3:15-4:30 PM
MON	PS-II	PE	R R E A K	CS	EE	L U N C H	BSS	SSC_EE	
TUE	PE	PS-II		EE	CS		PE	BSS	ES
WED	EE	PECS Lab					PS-II	PE	SPORTS
THU	BSS	ES	R R E A K	BSS	CS		EE	PS-II	MENTORING
FRI	PE-II	ES		PE	EE		PECS LAB		
SAT	CS	BSS	EE	BSS	CS		PE	PS-II	

S.No	Sub Code	Subject Name	No of Hours/Week	Name of the Faculty
1	R2031021	Power Systems-II	6	Mr. K. Srinivasa Rao
2	R2031022	Power Electronics	6	Mrs. K. Alifad Jase
3	R2031023	Control Systems	6	Mr. G. Jagadeesh
4	R2031040	Basics of Signals & Systems (OE-I)	6	Dr. S. Ramana Kumar Jaga
5	R161022	Utilization of Electrical Energy (TU-I)	6	Mr. K. Vijay Kumar
Laboratory				
S.No	Sub Code	Lab Name	No of Hours/Week	Name of the Faculty
6	R2031024	Control Systems Lab	6	Mr. G. Jagadeesh
7	R2031025	Power Electronics Lab	6	Mrs. K. Alifad Jase
8	R2031026	Soft Skill Course/Employability Skills	2	Mr. A. Krishna Nag
9	R2031027	Environmental Science (MC)	2	Mr. K. Vijay Kumar
10	---	Sports	1	
11	---	Mentoring	1	

K. Alifad Jase
 Head of the Department
 Electrical & Electronics Engg.

G. Jagadeesh
 H.O. DEEF
 [Signature]
 Head of the Department
 Electrical & Electronics Engg.
 Dadi Institute of Engg. Tech.
 Anakapalle - 531 002

G. Jagadeesh
 PRINCIPAL
 Dadi Institute of
 Engineering & Technology
 ANAKAPALLE - 531 002

ADI INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute)



Approved by A.U., T.E., New Delhi & Primarily Affiliated to JNTU-GV
 Accredited by NAAC with 'A' Grade and Inclusion in 2(D) & 12(B) of UGC Act
 C.A. No. 100/2013 (Part I) & 100/2013 (Part II) & 100/2013 (Part III)
 NH-16, Anakapalle - 531002, Visakhapatnam, A.P.
 Mobile: +91 9963993229, Website: www.adiet.edu.in, E-mail: principal@adiet.edu.in

Department of Electrical and Electronics Engineering

B.Tech/IV/ I Sec A

Academic Year - 2024-25

w.e.f 08/07/2024

Class Teacher - Mrs. K Alford Jose Total Strength- 48 ROOM NO - 42

Day/ PERIOD	8:00-9:50 AM	9:50-10:40 AM	10:40-11 AM	11:00-11:50 AM	11:50-12:40 PM	12:40-1:30 PM	1:30-2:10 PM	2:20-3:10 PM	3:10-4:00 PM
MON	IEV	FACTS	B.A H.K E	IE	UIV	L U N C H	PSOC	AIT & T	IE
TUE	PSOC	IEV		FACTS	IE		AIT & T	PSOC	UIV
WED	AIT & T	MLP LAB			FACTS		IEV	MENTORING	

Theory

S.No	Sub Code	Subject Name	No of Hours/Week	Name of the Faculty
1	R204102C	Flexible Alternating Current Transmission Systems (PE - III)	3	Mr. A Krishna Nag
2	R204102F	Hybrid Electric Vehicles (PE - IV)	3	Mr. B V Venranjaneyulu
3	R204102I	Power System Operation and Control (PE - V)	3	Mr. K Vijay Kumar
4	R204105N	AI Tools & Techniques (OE- III/JOE-III)	3	Mr. G Jagadeesh
5	R204104M	Industrial Electronics (OE-IV /JOE-IV)	3	Mrs. K Alford Jose
6	R204101I	Universal Human Values-2: Understanding Harmony	2	Mrs.P.Sravani Lakshmi

Laboratory

S.No	Lab Code	Lab Name	No of Hours/Week	Name of the Faculty
7	R204102J	Machine Learning with Python Lab (Skill Advanced Course)	3	Dr. S Ramana Kumar Jaga
8	—	Mentoring	1	

K Alford Jose
 Class Timetable Coordinator

H.O.D. EEE
 (J. Alford Jose)
 Head of the Department
 Electrical & Electronics Engg
 Dadi Institute of Engg. Tech.
 Anakapalle - 531 002

PRINCIPAL
 PRINCIPAL
 Dadi Institute of
 Engineering & Technology
 ANAKAPALLE - 531 002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute)



(Approved by AICTE, New Delhi & Provisionally Affiliated to JNTU GV)
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 An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute
 NH-16, Anakapalle - 531002, Visakhapatnam, A.P.
 Mobile: +91 9963983219, Website: www.diet.edu.in, E-mail: principal@diet.edu.in

Department of Electrical and Electronics Engineering

ECE

B.Tech/EEE Sec A

Academic Year - 2024-25

Reg. No: 2024

Class Teacher - Mr. G Jagadeesh

Total Strength - 70

ROOM NO: E15-14

Day/Period	9:00-9:50 AM	9:50-10:40 AM	10:40-11 AM	11:30-12:00 AM	12:00-12:40 PM	12:40-1:30 PM	1:30-2:10 PM	2:10-3:00 PM	3:00-4:00 PM
MON	MPMC	ED	S R E A K	PSA	EMI	L A B	MPMC	ED	RM
TUE	ED	EMI		IoT	PSA		PSS Lab/EMI Lab		
WED	IoT	PSA		EMI	MPMC		PSS Lab/MPMC Lab		
THU	PSA	EMI		ED	IoT		MEL_SAC		Mentoring
FRI	EMI	MPMC/EMI Lab			CRT		MPMC	IoT	
SAT	MPMC	PSA	BREAK	EMI	ED	PSA	ED	IoT	

S.No	Sub Code	Subject Name	No of Hours/Week	Name of the Faculty
1	R2032021	Microprocessors and Microcontrollers	6	Mr. Ch. Ramana Babu
2	R2032022	Electrical Measurements and Instrumentation	6	Mr. K. Vijay Kumar
3	R2032023	Power System Analysis	6	Dr. S. Ramana Kumar Joga
4	R2032024	Electric Drive (Professional Elective - IV)	5	Mrs. K. Anjali Jose
5	R2032041	Internet of Things (Open Elective - III)	5	Mr. G. Jagadeesh

Lab/Workshop

S.No	Lab Code	Lab Name	No of Hours/Week	Name of the Faculty
6	R2032024	Electrical Measurements and Instrumentation Lab	6	Mr. K. Vijay Kumar
7	R2032025	Microprocessors and Microcontrollers Lab	6	Mr. Ch. Ramana Babu
8	R2032026	Power Systems and Simulation Lab	6	Mrs. P. Sowana Lakshmi
9	R2032027	Machine Learning with Python (Skill Advanced Course)	2	Dr. S. Ramana Kumar Joga
10	R2032028	Research Methodology	1	Mr. A. Krishna Nag
11	-	Mentoring	1	All Mentors

[Signature]
 HOD, ECE
 Department of Electrical and Electronics Engineering

[Signature]
 HOD, ECE
 Department of Electrical and Electronics Engineering
 Dadi Institute of Engineering and Technology
 Anakapalle - 531002

[Signature]
 25/10/24
 Academic Coordinator

[Signature]
 25/10/24
 Principal

PRINCIPAL
 Dadi Institute of
 Engineering & Technology
 Autonomous
 Anakapalle - 531 002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institute)
 (Approved by AICTE, New Delhi & Constitutedly Affiliated to JNTU (V))
 Accredited by NAAC with 'A' Grade with Inclusion in EIO & 12(B) of UGC Act
 An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute



NLE-16, Anakapalle - 516001, Visakhapatnam, A.P.
 Mobile: +91 9963993229, Website: www.dadi.edu.in, Email: principal@dadi.edu.in

Department of Electrical and Electronics Engineering

EEK

B.Tech/ B.E See A

Academic Year - 2024-25

W.e.F. 02/12/2024

Class Teacher - Mr. K Subhas Babu

Total Strength -

ROOM NO: 12B-33

Day/Period	9:00-9:50 AM	9:50-10:40 AM	10:40-11:30 AM	11:30-12:20 PM	12:20-1:10 PM	1:10-2:00 PM	2:00-3:00 PM	3:00-3:50 PM	3:50-4:40 PM	
MON	AC	ISM		ISM		E E S C E	ISM	CS	AC	
TUE	ISM	ISM		AC			ISM	CS	MEFA	
WED	AC	IEEE_180/CS Lab					MEFA	ISM	Meeting	
THU	CS	IEEE_Developing Lab 1					CS	MEFA	AC	
FRI	ISM	ISM		CS	MEFA		ISM	ISM	Sports	
SAT	MEFA	IEEE_180/CS Lab					IEEE_IP_SC Lab 2			

S.No	Sub Code	Subject Name	No of Hours/Week	Name of the Faculty
1	MEFA (ME-0)	Managerial Economics & Financial Analysis	5	Mr. A Kishan Kumar
2	A & DC (PS)	Analog & Digital Circuits	4	Mrs. P Jyotsna
3	PS-1 (PC)	Power Systems-1	5	Mrs. P Sravani Lakshmi
4	I & SM (PC)	Induction and Synchronous Machines	6	Mr. A Krishna Nag
5	CS (PC)	Control Systems	6	Mr. G Jagadeesh
Laboratory				
S.No	Lab Code	Lab Name	No of Hours/Week	Name of the Faculty
6	I & SM Lab (PC)	Induction and Synchronous Machines Lab	6	Mr. A Krishna Nag
7	CS Lab (PC)	Control Systems Lab	6	Mr. G Jagadeesh
8	IP (SEC)	Python Programming	3	Mrs. P Sravani Lakshmi
9	DT & I (IS)	Design Thinking & Innovation (Client) Design - 2024 (KAPPA/INTECAD software)	3	Dr. S Reshmi Kumar Jaga
10	---	Sports	1	Class Teacher
11	---	Meeting	1	All Mentors

[Signature]
 Dept. Coordinator

[Signature]
 H.O.D. 28/12/24

[Signature]
 Principal

Head of Department
 Electrical & Electronics Engineering
 Dadi Institute of Engineering & Technology
 Anakapalle - 516001, Visakhapatnam, A.P.

Principal
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
 Autonomous

Dadi Institute of Engineering & Technology (A), Anakapalle.

Sl. No.	Roll No.	Name of the Student	D/M																
			24	25	26	27	28	29	30	31									
1	23U1A0201	A. Laya Varadhan	A	A	1	2	3	4	5	6									
2	23U1A0202	B. Babi	A	A	1	2	3	4	5	6									
3	23U1A0203	D. Chaitanya Lakshmi	A	A	1	2	3	4	5	6									
4	23U1A0204	G. Greshma	A	A	1	2	3	4	5	6									
5	23U1A0205	R. Sreekanth	A	A	1	A	A	2	A	A									
6	23U1A0206	K. Sai Sainivasa Bharu Babu	A	A	1	A	A	A	A	A									
7	23U1A0207	K. Harika	A	A	1	2	3	4	5	6									
8	23U1A0208	M. L. Poorna Anandarama	1	2	3	4	5	6	7	8									
9	23U1A0209	M. V. A. Narayana Murthy	1	A	2	3	4	A	5	6									
10	23U1A0210	P. Praveen Yadav	A	A	1	2	3	4	5	6									
11	23U1A0211	P. Meghana Sri	A	A	1	2	3	4	5	6									
12	23U1A0212	S. Vinay Kumar	A	A	1	2	3	4	5	6									
13	23U1A0213	V. Kishore	1	A	2	3	4	5	6	7									
14	23U1A0215	V. Ranith Kumar	1	2	3	4	5	6	7	8									
15	23U1A0216	Y. Chamar Sai Sai	1	2	3	4	5	6	7	8									
16	24U4SA0201	A. L. Mahalaxmi Naidu								1	2	3							
17	24U4SA0202	A. Gopi Chandra								1	2	3							
18	24U4SA0203	A. P. Sai Ganesha								1	2	3							
19	24U4SA0204	B. Bhumnika								A	A	A							
20	24U4SA0205	B. M. Kiran Kumar																	
21	24U4SA0206	B. Pavan Sampath																	
22	24U4SA0207	B. Teja																	
23	24U4SA0208	Ch. V. N. Harish								A	A	A							
24	24U4SA0209	Ch. Ananda Paul								1	2	3							
25	24U4SA0210	D. Devi Sri Prasad																	
26	24U4SA0211	D. Hemanth								A	A	A							
27	24U4SA0212	D. James								1	2	3							
28	24U4SA0213	D. Lakshith Kumar								1	2	3							
29	24U4SA0214	D. Keerthi								1	2	A							
30	24U4SA0215	G. Hemanth								1	2	3							

Signature of Faculty

Dadi Institute of Engineering & Technology (A), Anakapalle.

Sl. No.	D/M																						
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
2	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
3	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
4	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
5	A	A	A	3	4	5	6	7	8	9	10	11	12	13	14								
6	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A								
7	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21								
8	7	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
9	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
10	7	A	A	8	9	10	11	12	13	14	15	16	17	18	19								
11	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20								
12	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20								
13	8	A	A	A	A	A	9	10	11	12	13	14	15	16	17								
14	A	7	10	11	12	13	A	14	15	16	17	18	19	20	21								
15	7	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
16																							
17	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17								
18	A	A	A	A	A	A	A	A	A	A	A	A	4	5	6	7							
19	A	A	A	1	A	A	A	A	A	A	A	A	2	3	4	5	6						
20																							
21																							
22	A	A	A	A	A	A	A	1	A	A	A	2	3	4	5								
23	A	A	A	4	5	6	7	8	9	10	11	A	A	A	A								
24	A	A	A	A	A	A	A	1	2	3	4	5	6	7	8								
25	A	4	5	6	7	8	A	9	10	11	12	13	14	15	16								
26	A	4	5	6	A	A	A	A	A	A	A	A	A	A	A								
27	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
28	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								

Signature of Faculty

Dadi Institute of Engineering & Technology

26/9	27/9	28/9	30/9	1/10	3/10	7/10	14/10	15/10	16/10	17/10	18/10	19/10	21/10	22/10
54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
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41	42	43	44	45	46	47	48	49	A	50	51	52	A	53
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33	34	35	A	36	A	37	A	38	A	39	A	A	A	A
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42	43	44	A	45	46	47	A	A	A	48	49	A	50	
50	51	52	53	A	54	55	56	57	58	59	60	61	62	63
49	50	51	52	53	54	55	A	56	57	58	59	60	61	62
41	42	A	43	44	45	A	A	46	47	A	48	49	50	51
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25	26	27	28	29	30	31	A	32	33	34	35	36	37	38
43	44	A	45	46	47	48	49	50	51	A	52	53	54	55
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18	19	A	A	20	21	22	A	23	A	A	A	A	A	25
29	30	31	32	33	34	35	A	A	36	37	38	39	40	A
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36	37	38	A	A	39	40	A	41	42	43	44	45	46	47
45	46	47	48	A	A	49	50	51	52	53	54	55	56	
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62

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23/10	24/10	28/10	29/10	30/10			
69	70	71	72	73	74	75	
56	57	58	59	A			
54	A	55	56	57			
64	65	66	67	68			
62	63	64	65	66			
A	40	A	41	A			
A	A	A	A	A			
64	65	66	67	68			
68	69	70	71	52			
62	63	64	65	66			
A	51	A	52	A			
64	65	66	67	68			
63	64	65	66	67			
52	53	54	55	56			
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56	57	A	58	59			
41	A	A	42	43			
49	50	51	52	53			
A	26	A	27	28			
41	A	42	43	44			
A	42	A	43	44			
45	A	A	46	47			
A	A	A	34	A			
45	A	A	46	A			
54	A	55	56	A			
48	A	49	50	51			
57	58	59	60	61			
63	64	65	66	67			

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Sl. No.	Date	No. of Periods engaged	Topic Covered
22	17/8/24	1	Speed control of D.C. Shunt motor, Flux control method.
23	19/8/24	1	Armature control method.
24	21/8/24	1	Flux control method for D.C. Series motor
25	22/8/24	1	Armature control method for D.C. Series motor
26	23/8/24	1	Testing of D.C. Machines, Brak's Test on D.C. Shunt Machine.
27	24/8/24	1	Swinburne's Test on D.C. Shunt machine
28	27/8/24	1	Problems on Swinburne's Test
29	28/8/24	1	Hopkinson's Test on D.C. Shunt machine
30	29/8/24	1	Problems on Hopkinson's Test
31	30/8/24	1	Field Test on D.C. Series motor.
32	31/8/24	1	Revision of Unit-I
33	31/9/24	1	Revision of Unit-I
34	4/9/24	1	Revision of Unit-I.
35	10/9/24	1	mid-I exam preparation. Unit-III. → Single phase transformer
36	11/9/24	1	Introduction, Definition of 1 ϕ transformer.
37	12/9/24	1	Operating Principle of 1 ϕ transformer.
38	13/9/24	1	Types of transformer
39	17/9/24	1	Emf Equation of transformer
40	18/9/24	2	Transformer on No load & Load.
41	19/9/24	1	Transformer with winding resistance, phasor diagram
42	20/9/24	1	Phasor diagram for various loads
43	21/9/24	2	Equivalent Resistance, Magnetic leakage, leakage inductance,

Sl. No.	Date	No. of Periods engaged	Topic Covered
44	23/9/24	1	Phasor diagram of Transformer with resistance & eq Inductance
45	24/9/24	1	Equivalent Circuit, losses in transformer.
46	25/9/24	1	Efficiency, Condition for maximum efficiency & problems.
47	26/9/24	1	Load kVA corresponding to max. efficiency, Voltage Regulation
48	27/9/24	1	Approximate Voltage drop in different loads.
49	28/9/24	1	Problems on Approx. voltage drop
50	29/9/24	1	All day Efficiency Problems.
31	1/10/24	1	Autotransformers, Saving in Cu. Unit - IV -> Testing of Transformer - mesu.
32	3/10/24	1	O.C Test on 1 ϕ Transformer
32	11/10/24	1	S.C Test on 1 ϕ transformer, Problems.
34	14/10/24	1	Sumpner's Test on 1 ϕ transformer.
35	15/10/24	1	Parallel operation of 1 ϕ transformer.
36	16/10/24	1	Parallel operation with unequal voltage ratios.
37	17/10/24	1	Calculation of No load losses. Unit - V -> Three Phase Transformers - mesu.
38	18/10/24	1	Connections of Three phase transformers.
39	19/10/24	1	V-V connection & an open delta connection
40	20/10/24	1	Scott connection or T-connection
41	22/10/24	1	Three phase to two phase conversion.

Sl. No.	Date	No. of Periods engaged	Topic Covered	REMARKS
42	22/10/24	1	Phasor diagram & Problems	
43	24/10/24	1	off load tap changer	
44	28/10/24	1	On load tap changer	
45	29/10/24	1	Problems on Scott connection	
46	30/10/24	1	Problems on V-V connection.	

30/10/24

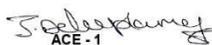
EXAM - TIMETABLE

B.Tech II Year II Semester (DR23) Regular Examinations April2025

Time : 02:00 PM TO 05:00 PM

Branch/ Date	CE	CSE	CSM	CSD	ECE	EEE
07-04-2025 (Monday)	Managerial Economics and Financial Analysis / Business Environment / Organizational Behavior DR2322TMB1	Managerial Economics And Financial Analysis DR2322TMB1	Managerial Economics & Financial Analysis DR2322TMB1	Statistical methods for Data science DR2322TES3	Managerial Economics and Financial Analysis DR2322TMB1	Managerial Economics & Financial Analysis / Business Environment / Organizational Behaviour DR2322TMB1
08-04-2025 (Tuesday)	Engineering Geology (Layered Learning) DR2322TES1	Probability & Statistics DR2322TES2	Probability & Statistics DR2322TES2	Probability and Statics DR2322TES2	Linear Control Systems DR2322TES4	Analog Circuits DR2322TES5
09-04-2025 (Wednesday)	Building Materials and Concrete Technology DR2322T011	Operating Systems DR2322T051	Machine Learning DR2322T421	Data Engineering DR2322T441	EM Waves and Transmission Lines DR2322T041	Power Systems-I DR2322T021
10-04-2025 (Thursday)	Structural Analysis DR2322T012	Database Management Systems DR2322TCS1	Database Management Systems DR2322TCS1	Database Management Systems DR2322TCS1	Analog Circuits Design DR2322T042	Induction and Synchronous Machines DR2322T022
11-04-2025 (Friday)	Hydraulics and Hydraulic Machinery DR2322T013	Formal Languages & Automata Theory DR2322T052	Digital Logic and Computer Organization DR2322TC01	Digital Logic and Computer Organization DR2322TC01	Analog and Digital Communications DR2322T043	Control Systems DR2322T023

NOTE: ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.


ACE - 1

Date : 24-03-2025


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Dadi Institute of Engineering & Technology
Autonomous
Anakapalle - 531002


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Dadi Institute of Engineering & Technology
Autonomous
Anakapalle - 531002

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)



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 NH-16, Anakapalle - 531002, Visakhapatnam, A.P.
 www.diet.edu.in, Mobile: 9963994444, E-Mail: academics@diet.edu.in

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING MICROPROCESSORS AND MICROCONTROLLERS COURSE DELIVERY PLAN

Subject: MPMC

Class & Branch: III B.Tech II Sem ECE

Academic Year: 2024-25

Regulation : R20

Faculty Name: Mr.A.Sankara Rao

Designation : Assistant Professor

S.No	Topic	No.of periods required	Teaching Learning Method	Proposed date of completion	Actual date of completion	HOD Review
Unit-1						
Introduction						
1	Basic microprocessor architecture	1	TLM1	02-12-2024	6/12/24	
2	Harvard and vonneumann architectures with examples	1	TLM1	03-12-2024	11/12/24	
3	Microprocessor unit vs. Microcontroller unit	1	TLM1	04-12-2024	13/12/24	
4	CISC and RISC architectures	1	TLM1	05-12-2024	16/12/24	
5	Features and pin configuration of 8086	1	TLM1	06-12-2024	17/12/24	
6	8086 architecture	1	TLM1	07-12-2024	18/12/24	
7	Interrupts and interrupt response	1	TLM1	09-12-2024	20/12/24	
8	8086 system timing	1	TLM1	10-12-2024	20/12/24	
9	Minimum mode and maximum mode of 8086	2	TLM1	12-12-2024	20/12/24	
UNIT-2						
8086 Programming						
10	Program development steps	1	TLM1	13-12-2024	21/12/24	
11	Instructions	3	TLM1	18-12-2024	23/12/24	
12	Addressing modes	2	TLM1	20-12-2024	23/12/24	
13	Assembler directives	1	TLM1	21-12-2024	23/12/24	
14	ALP tools	1	TLM1	23-12-2024	24/12/24	
15	Programs	4	TLM1	28-12-2024	28/12/24	

UNIT-3
8086 Interfacing

		3	TLM1	08-01-2025	30/12/24	
16	Semiconductor memories interfacing	1	TLM1	10-01-2025	3/01/25	
17	8255 interface	1	TLM4	20-01-2025	4/01/25	
18	Interfacing switches, LEDs	1	TLM1	21-01-2025	04/01/25	
19	Interfacing seven segment display	1	TLM1	22-01-2025	06/01/25	
20	Software and hardware interrupt applications	1	TLM1	23-01-2025	07/01/25	
21	8251 architecture	1	TLM1	24-01-2025	20/01/25	
22	8237 architecture	1	TLM1	25-01-2025	24/01/25	10/25
23	Stepper motor interfacing	3	TLM1	29-01-2025	22/01/25	
24	ADC/DAC interfacing	3	TLM1	05-02-2025	28/01/25	

UNIT-4
Intel 8051 MICRO CONTROLLER

23	8051 architecture	3	TLM1	10-02-2025	11/02/25	
24	Hardware components of 8051	4	TLM1	14-02-2025	12/02/25	
25	Interrupts	3	TLM1	18-02-2025	17/02/25	
26	Assembly Language Programming	4	TLM1	22-02-2025	18/02/25	10/25
27	Interfacing to 8051	4	TLM4	28-02-2025	21/02/25	

UNIT-5
ARM architectures and Processors

29	ARM architecture	3	TLM4	04-03-2025	21/02/25	
30	ARM processor families	3	TLM4	07-03-2025	28/02/25	
31	ARM cortex M3	3	TLM4	12-03-2025	04/03/25	10/25

32	Programming	4	TLM4	18-03-2025	17/03/25
33	Nested vectored interrupt controller	4	TLM1	22-03-2025	22/03/25
34	NVIC programmers's model	4	TLM1	29-03-2025	21/03/25

Total No. of classes Required to complete the syllabus: 77

A. Srinivasulu Reddy
Signature of Faculty

P. Poornima
Signature of HOD
Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle-521101

Part-B

COURSE DELIVERY PLAN

Subject: Signals and Systems
Academic Year: 2024-2025
Faculty Name : P.AMRUTHA

Class & Branch: II B.Tech I Sem ECE - B
Regulation : DR23
Designation : Asst. Prof.

S. No.	Topic	No. of periods required	Teaching Learning Method	Proposed date of completion	Actual date of completion
UNIT -I Signals and Systems					
1	Definition of Signals and Systems	1	TLM1	08/7/24	8/7/24
2	Classification of Signals	1	TLM1	09/7/24	9/7/24
3	Classification of Systems	1	TLM1	10/7/24	10/7/24
4	Operations on signals: time-shifting, time-scaling, amplitude- shifting, amplitude-scaling	1	TLM1	11/7/24	11/7/24
5	Problems on classification and characteristics of Signals and Systems	1	TLM1	12/7/24	15/7/24
6	Complex exponential and sinusoidal signals	1	TLM3	12/7/24	12/7/24
7	Singularity functions and related functions: impulse function, step function signum function and ramp function	1	TLM1	15/7/24	9/7/24
8	Analogy between vectors and signals	1	TLM1	16/7/24	16/7/24
9	orthogonal signal space	1	TLM1	19/7/24	22/7/24
10	Signal approximation using orthogonal functions, Mean square error	1	TLM1	19/7/24	19/7/24
11	closed or complete set of orthogonal functions, Orthogonality in complex functions	1	TLM1	22/7/24	22/7/24
12	Inner Product Space, Schwartz inequality	1	TLM3	23/7/24	23/7/24
13	Hilbert spaces, Bessels inequality, Parsevals relation	1	TLM1	24/7/24	24/7/24
UNIT- II Linear Time Invariant Systems(LTI)					

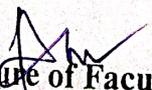
14	Time domain representation of LTI systems	1	TLM1		
15	Impulse Response representation	1	TLM1	24/7/24	29/7/24
16	Convolution Integral and convolution sum	1	TLM1	25/7/24	30/7/24
17	Properties of LTI systems	1	TLM1	26/7/24	31/7/24
18	Stability criteria for LTI systems	1	TLM1	29/7/24	
19	Elements of continuous time and discrete time LTI systems	1	TLM1	30/7/24	06/8/24
20	Circular Convolution	1	TLM1	31/7/24	7/8/24
21	Concepts of correlation of signals ,properties	1	TLM1		
22	Auto Correlation and Cross correlation properties and applications	1	TLM1	2/8/24	13/8/24
Unit-III Fourier representation of Signals					
23	Fourier series representation of continuous time periodic signals	1	TLM1	5/8/24	21/8/24
24	Trigonometric Fourier series,evaluation of a_0, a_n, b_n	1	TLM1	6/8/24	19/8/24
25	Evaluation of exponential FS from cosine FS,evaluation of fourier coefficient C_n	1	TLM1	7/8/24	20/8/24
26	Problems on exponential fourier series	1	TLM1	7/8/24	23/8/24
27	Properties of Fourier series,Linearity,time shifting,reversal,scaling	1	TLM1	9/8/24	28/8/24
28	Convolution,multiplication,integration,differentiation,conjugate symmetry property	1	TLM1	9/8/24	28/8/24
29	Derivation of fourier transforms from fourier series	1	TLM1	12/8/24	30/8/24
30	Inverse Fourier Transform,magnitude response,phase response	1	TLM1	13/8/24	20/8/24
31	Fourier transform of standard signals(unit step,impulse,real exponential etc)	1	TLM1	14/8/24	31/8/24
32	Fourier transform of constant,sine ,cosine,sgn(t)	1	TLM1	14/8/24	31/8/24

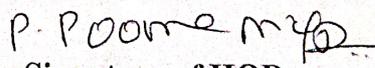
33	properties of Fourier transforms(linearity,time shifting,scaling,reversal)	1	TLM1	19/8/24	3/9/24
34	Conjugate symmetry,differentiation,integration,convolution property	1	TLM1	20/8/24	4/9/24
35	Introduction to Hilbert Transform and its properties	1	TLM1	21/8/24	4/9/24
36	Related Problems	1	TLM1	21/8/24	4/9/24
UNIT - IV Laplace Transform and Z Transform					
37	Introduction	1	TLM1	23/8/24	10/9/24
38	Concept of region of convergence (ROC) for Laplace transforms	1	TLM1	23/8/24	11/9/24
39	constraints on ROC for various classes of signals	1	TLM1	27/8/24	
40	Properties of L.T's,Linearity,Time shifting,time scaling	1	TLM1	28/8/24	13/9/24
41	Inverse Laplace transform	1	TLM1	28/8/24	18/9/24
42	Relation between L.T's and F.T. of a signal	1	TLM1	30/8/24	
43	Laplace transform of certain signals using waveform synthesis	1	TLM1	30/8/24	11/9/24
44	Initial Value theorem & Final Value theorem	1	TLM1	2/9/24	17/9/24
45	Differentiation in time domain and frequency domain property	1	TLM3	3/9/24	13/9/24
46	Concept of Z- Transform of a discrete sequence	1	TLM1	4/9/24	23/9/24
47	Region of convergence in Z-Transform	1	TLM1	4/9/24	24/9/24
48	Properties of z transforms, linearity, time scaling, shifting, time reversal	1	TLM1	6/9/24	25/9/24
49	Differentiation in z domain property, initial value theorem	1	TLM1	6/9/24	27/9/24
50	Final value theorem	1	TLM1	9/9/24	27/9/24
51	Inverse Z- transform	1	TLM1	10/9/24	01/10/24
52	Inverse Z transform using long division and Residue	1	TLM1	11/9/24	01/10/24

	method				
53	Convolution Integral method, related problems	1	TLM1		
Unit - V Sampling				11/9/24	14/10/24
54	Introduction to filters	1	TLM1	13/9/24	15/10/24
55	Proof for band limited signals	1	TLM1	13/9/24	16/10/24
56	Introduction to Sampling	1	TLM1	16/9/24	16/10/24
57	Impulse Sampling	1	TLM1	17/9/24	18/10/24
58	Natural and Flat top Sampling	1	TLM4	18/9/24	18/10/24
59	Reconstruction of signal from its samples	1	TLM1	18/9/24	21/10/24
60	Effect of under sampling	1	TLM1	20/9/24	25/10/24
61	Aliasing Effect	1	TLM1	20/9/24	18/10/24
62	Introduction to Band Pass Sampling	1	TLM1	23/9/24	16/10/24
63	Sampling theorem	1	TLM1	24/9/24	16/10/24
64	Band Pass Sampling theorem	1	TLM1	25/9/24	22/10/24
65	Anti aliasing filters	1	TLM1	25/9/24	18/10/24
66	Problems on Nyquist rate and Nyquist interval	1	TLM1	27/9/24	22/10/24 25/10/24

Total No. of classes Required to complete the syllabus:

66


Signature of Faculty


Signature of HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
An Autonomous Institute
Anakapalle-531002