



ACE
Engineering College
An AUTONOMOUS Institution



Ghatkesar, Medchal (Dist), Hyderabad, Telangana State – 501 301
(NBA Accredited B.Tech Courses Accredited NAAC with A Grade 3.20 CGPA)

Phone: 9133308533, 468, website: www.aceec.ac.in

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	B.Tech	CSE(AI&ML)	1	11
2			2	11

HOD-CSE(AI&ML)

Dr. Kavitha Soppari B.Tech (CSE) M.Tech (CSE) Ph.D (CSE)
HEAD OF THE DEPARTMENT
Computer Science and Engineering (AI&ML)
ACE ENGINEERING COLLEGE
ANKUR PUR-501 301.



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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Date: 04-11-2024

CIRCULAR

Some of the students of B.Tech I Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **11-11-2024 to 16-11-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

This is for your kind information and due compliance.

Kesla
Principal



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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Bridge Course (Slow Learners)

Day	Subject
MON (11/11/2024)	Matrices and Calculus
TUE (12/11/2024)	Applied Physics
WED (13/11/2024)	Programming for Problem Solving
THU (14/11/2024)	Programming for Problem Solving
FRI (16/11/2024)	English for Skill Enhancement

HOD-CSE(AI&ML)

Dr. Kavitha Soppari B.Tech (CSE), M.Tech (CSE), Ph.D.
HEAD OF THE DEPARTMENT
Computer Science and Engineering (AI)
ACE ENGINEERING COLLEGE
ANKUSHAPUR-501 301.





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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: I/I

ACADEMIC YEAR:2023-24

Sl.No	Subject	Topics
1	Matrices and Calculus	Rank of a matrix by Echelon form and Normal form, Inverse of Non-singular matrices by Gauss- Jordan method, System of linear equations, Linear Transformation and Orthogonal Transformation: Eigen values, Eigenvectors and their properties, Diagonalization of a matrix, Cayley-Hamilton Theorem (without proof)
2	Applied Physics	Wein's and Rayleigh-Jean's law, Planck's radiation law - Photoelectric effect Davisson and Germer experiment –Heisenberg uncertainty principle, characteristics of P-N Junction diode, Zener diode and Bipolar Junction Transistor (BJT)–LED
3	Programming for Problem Solving	variables (with data types and space requirements), Syntax and Logical Errors in compilation, object and executable code, Operators, expressions and precedence, handling strings as array of characters, basic string functions available in C (strlen, strcat, strcpy, strstr etc.), arrays of strings
4	English for Skill Enhancement	The Use of Prefixes and Suffixes - Acquaintance with Prefixes and Suffixes from Foreign Languages to form Derivatives - Synonyms and Antonyms, Identifying Common Errors in Writing with Reference to Noun-pronoun Agreement and Subject-verb Agreement.


HOD-CSE(AI&ML)

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

S.NO	STUDENT ROLL NUMBER	11/11/2024	12/11/2024	13/11/2024	14/11/2024	16/11/2024
1	24AG1A6609	✓	X	✓	✓	X
2	24AG1A6628	✓	✓	✓	✓	X
3	24AG1A6668	✓	✓	✓	X	✓
4	24AG1A6674	✓	✓	X	✓	✓
5	24AG1A6675	✓	✓	✓	✓	✓
6	24AG1A6678	✓	✓	X	✓	✓
7	24AG1A6699	✓	✓	✓	X	✓
8	24AG1A66A2	✓	✓	✓	✓	✓
9	24AG1A66C2	✓	✓	✓	X	✓
10	24AG1A66E8	✓	X	✓	✓	✓
11	24AG1A66F2	✓	✓	✓	X	✓

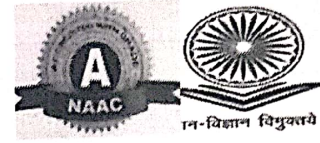

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

02-05-25

CIRCULAR

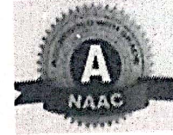
Some of the students of B.Tech I/I Sem got good percentage in the MID Term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **05-05-2025 to 10-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

TIME TABLE (Fast Learners)

DAY	B.TECH-I SEM
MON (11-11-2024)	Vihaan
TUE (12-11-2024)	Vihaan
WED (13-11-2024)	Vihaan

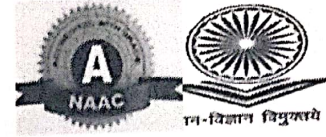
HOD-CSE(AI&ML)

Dr. Kavitha Soppari B.Tech (CSE) M.Tech (CSE) Ph.D (CS)
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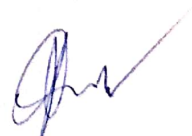
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	24AG1A6635	Vihaan
2	24AG1A6617	Vihaan
3	24AG1A6654	Vihaan
4	24AG1A6639	Vihaan
5	24AG1A6655	Vihaan
6	24AG1A6673	Vihaan
7	24AG1A66B7	Vihaan
8	24AG1A6684	Vihaan
9	24AG1A6691	Vihaan
10	24AG1A66B3	Vihaan
11	24AG1A66E0	Vihaan
12	24AG1A66E2	Vihaan
13	24AG1A66D0	Vihaan
14	24AG1A66H0	Vihaan


HOD-CSE(AI&ML)

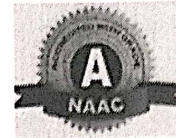
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GHATKESAR, MEDCHAL, HYDRABAD - 501 301



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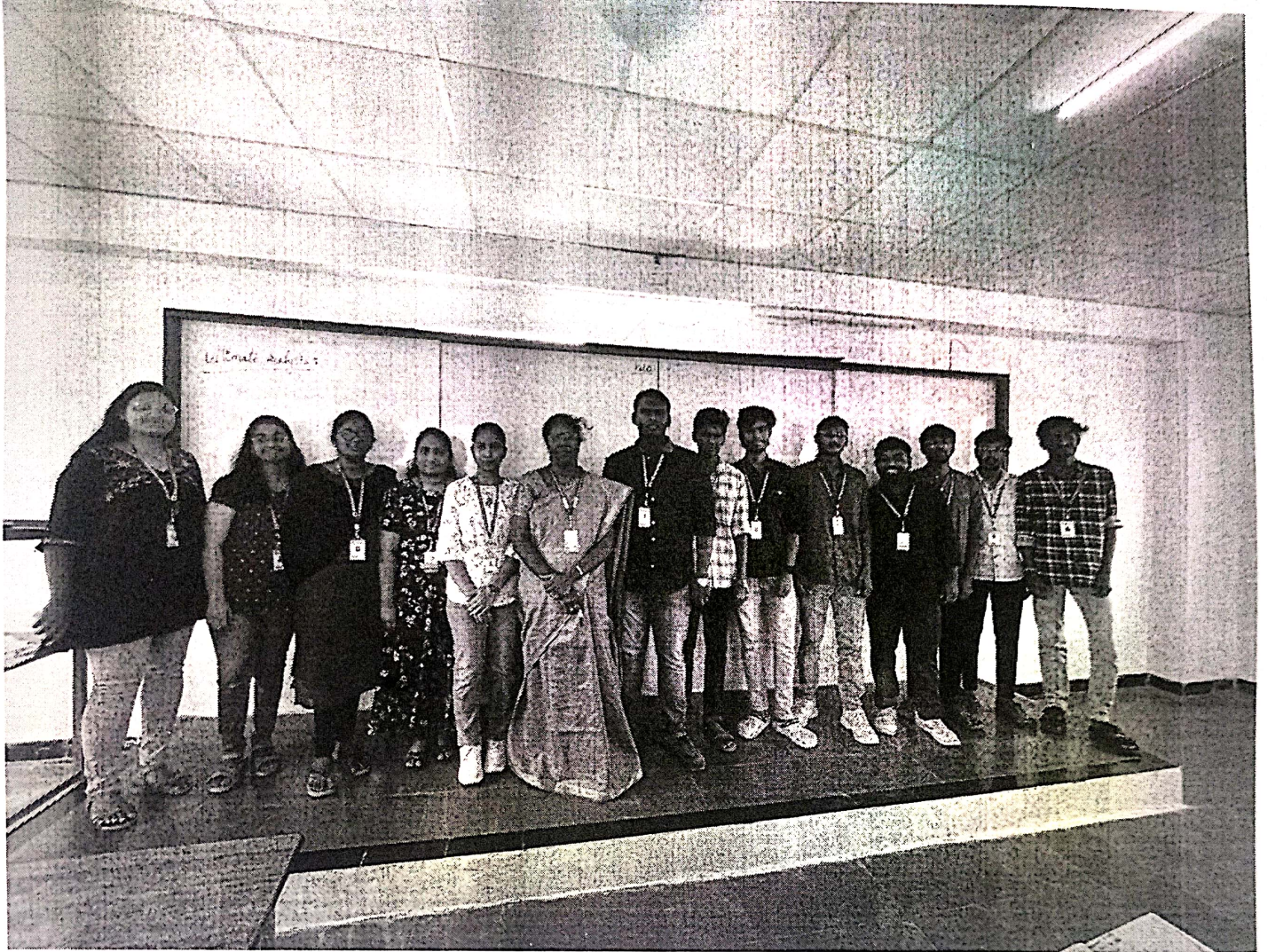
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

CONSOLIDATED REPORT FOR FAST LEARNERS





HOD-CSE(AI&ML)

Dr. Kavitha Soppari B.Tech (CSE), M.Tech (CSE), Ph.D (CSE)
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	II B.Tech	AI&ML	I	10


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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Date: 15-11-2024

CIRCULAR

Some of the students of B.Tech II Year I Sem are got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **18-11-2024 to 23-11-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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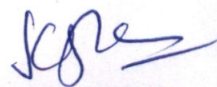
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Bridge Course (Slow Learners)

Day	Subject
MON (18/11/2024)	Mathematical and Statistical Foundation
TUE (19/11/2024)	Data Structures
WED (20/11/2024)	Computer Organization and Architecture
THU (21/11/2024)	Software Engineering
FRI (22/11/2024)	Operating Systems


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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: II/I

ACADEMIC YEAR: 2024-2025

Sl.No	Subject	Topics
1	Mathematic and Statistical Foundation	Divisibility, theorem GCD, Euclidean algorithm, GCD problems, The fundamental theorem of arithmetic, Prime problems, Factorization of integers and Fermat number, Congruence
2	Data Structures	Introduction to Data Structures , Abstract data types, Linear list - singly linked list implementation, Insertion, deletion and searching on linear list
3	Computer Organization and Architecture	Introduction, Block diagram of Digital Computer, Definition of Computer Organization, Computer Design and Computer Architecture Register Transfer Language and Micro operations: Register Transfer language ,Register Transfer
4	Software Engineering	Introduction to Software Engineering: The evolving role of software, changing nature of software, software myths, A Generic view of process: Software engineering- a layered
5	Operating Systems	Introduction, Structures - Simple Batch, Multi programmed, Time-shared, Personal Computer, Parallel, Distributed Systems, Real-Time Systems, System components


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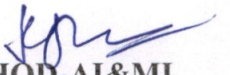
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.NO	STUDENT ROLL NUMBER	18/11/2024	19/11/2024	20/11/2024	21/11/2024	22/11/2024
1	23AG1A7306	✓	✓	✓	✓	✓
2	23AG1A7310	✓	✓	X	✓	✓
3	23AG1A7315	✓	✓	✓	✓	✓
4	23AG1A7321	✓	✓	✓	X	✓
5	23AG1A7327	✓	✓	✓	X	✓
6	23AG1A7332	X	✓	✓	✓	✓
7	23AG1A7345	✓	✓	X	✓	✓
8	23AG1A7349	✓	✓	✓	✓	✓
9	23AG1A7354	✓	✓	✓	✓	✓
10	23AG1A7359	✓	✓	✓	X	✓


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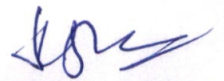
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

3.05.2025

CIRCULAR

Some of the students of B. Tech II/I Sem are got good percentage in the MID Term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **6-05-2025 to 9-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

TIME TABLE (Fast Learners)

DAY	II B.TECH-I SEM
MON (18-11-2024)	Vihaan
TUE (19-11-2024)	Vihaan
WED (20-11-2024)	Vihaan

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	23AG1A7309	Vihaan
2	23AG1A7335	Vihaan
3	23AG1A7362	Vihaan
4	23AG1A7329	Vihaan
5	23AG1A7311	Vihaan
6	23AG1A7343	Vihaan
7	23AG1A7320	Vihaan
8	23AG1A7331	Vihaan
9	23AG1A7341	Vihaan
10	23AG1A7358	Vihaan

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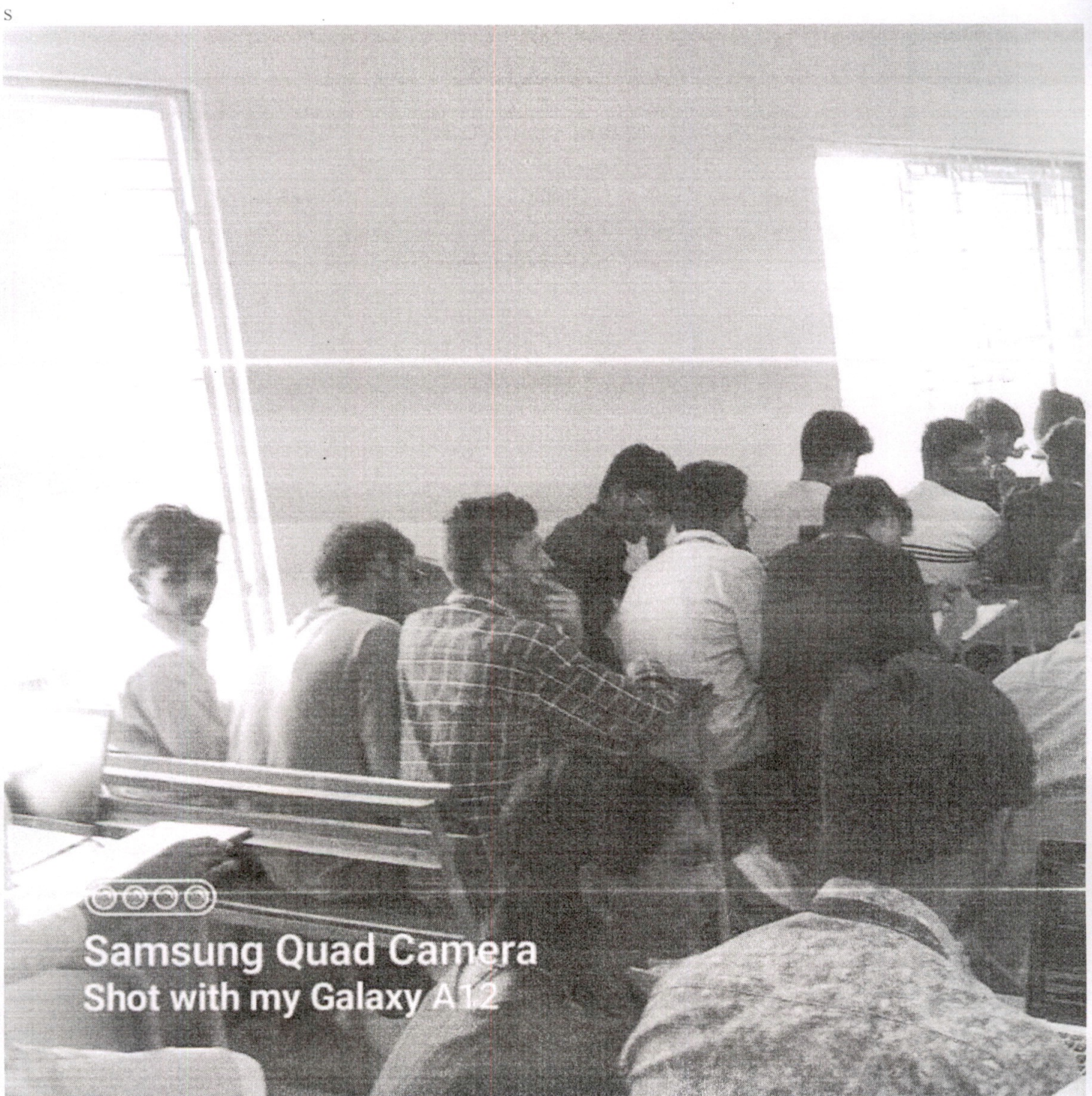
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

CONSOLIDATED REPORT FOR FAST LEARNERS





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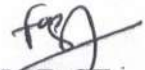
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DEPARTMENT OF CIVIL ENGINEERING

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Year/Semester	2024-2025
1	B.Tech	CIVIL	II/I	14
2			III/II	06


HOD-CE
Head of the Dept.
Civil Engineering
Engineering College
Zapur (Vill), Ghatkesar (Midi)
R.R. Dist. (A.P.)



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DEPARTMENT OF CIVIL ENGINEERING

Date: 04-11-2024

CIRCULAR

Some of the students of B.Tech II and III Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **12-11-2024 to 15-11-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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HOD-CE Dept.
Civil Engineering
Engineering College
apur (Vill), Ghatkesar (M)
R.R. Dist (A.P.)



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DEPARTMENT OF CIVIL ENGINEERING

Bridge Course (Slow Learners)

Day	Subject
TUE (12/11/2024)	Strength of Materials - I
WED (13/11/2024)	Strength of Materials - I
THU (14/11/2024)	Strength of Materials - I
FRI (15/11/2024)	Strength of Materials - I


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ज्ञान-विज्ञान विमुक्तये

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DEPARTMENT OF CIVIL ENGINEERING

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: II/I

ACADEMIC YEAR:2024-25

Sl.No	Subject	Topics
1	Strength of Materials - I	➤ Concept of stress and strain ➤ Types of loads ➤ Elastic constants ➤ Shear Stress ➤ Principal stress


HOD-CE

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DEPARTMENT OF CIVIL ENGINEERING

S.NO	STUDENT ROLL NUMBER	12/11/2024	13/11/2024	14/11/2024	15/11/2024
1	23AG1A0101	X	✓	✓	X
2	23AG1A0104	✓	✓	✓	X
3	23AG1A0107	✓	✓	X	✓
4	23AG1A0108	✓	X	✓	✓
5	23AG1A0109	✓	✓	✓	✓
6	23AG1A0110	✓	X	✓	✓
7	23AG1A0111	✓	✓	X	✓
8	23AG1A0113	✓	✓	✓	✓
9	23AG1A0114	✓	✓	X	✓
10	23AG1A0115	X	✓	✓	✓
11	23AG1A0118	✓	✓	X	✓
12	24AG1A0119	✓	✓	X	✓
13	24AG5A0140	X	✓	✓	X
14	24AG5A0145	✓	✓	✓	✓


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Tatapur (Vill), Ghatkesar (Dist)
R.R. Dist (A.P.)



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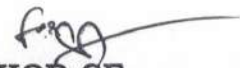
DEPARTMENT OF CIVIL ENGINEERING

Date: 04-06-2025

CIRCULAR

Some of the students of B.Tech III Year II Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **12-06-2025 to 14-06-2025** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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Japur (Vill), Ghatkesar (Md)
R.R. Dist. (A.P.)



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ज्ञान-विज्ञान विमुक्तये

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DEPARTMENT OF CIVIL ENGINEERING

Bridge Course (Slow Learners)

Day	Subject
THU (12/06/2025)	Steel Structures (SE -II)
FRI (13/06/2025)	Steel Structures (SE -II)
SAT (14/06/2025)	Steel Structures (SE -II)


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DEPARTMENT OF CIVIL ENGINEERING

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: III/II

ACADEMIC YEAR:2024-25

Sl.No	Subject	Topics
1	Steel Structures (SE -II)	➤ Introduction to steel design ➤ Tension members ➤ Compression members ➤ Beams in flexure ➤ Plate girders

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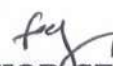


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DEPARTMENT OF CIVIL ENGINEERING

S.NO	STUDENT ROLL NUMBER	12/06/2025	13/06/2025	14/06/2025
1	22AG1A0101	X	✓	✓
2	22AG1A0104	✓	✓	✓
3	22AG1A0105	✓	✓	X
4	22AG1A0108	✓	X	✓
5	22AG1A0117	✓	✓	✓
6	23AG5A0121	✓	X	✓


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DEPARTMENT OF CIVIL ENGINEERING

02-11-2024

CIRCULAR

Some of the students of B.Tech III/I Sem got good percentage in the MID Term examinations. After having conducted a meeting with the concerned faculty, it has been decided to send fast learner students for 10 days internship programme at NAC from **04-11-2024 to 14-11-2024** for those students in order to enhance employable skills. The List of the students for fast learners is attached with the notice.

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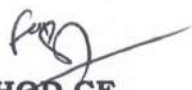
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DEPARTMENT OF CIVIL ENGINEERING

TIME TABLE (Fast Learners)

DAY	B.TECH-III - I SEM
MON (04-11-2024)	Internship at NAC
TUE (05-11-2024)	Internship at NAC
WED (06--11-2024)	Internship at NAC
THU (07-11-2024)	Internship at NAC
FRI (08-11-2024)	Internship at NAC
SAT (09-11-2024)	Internship at NAC
MON (11-11-2024)	Internship at NAC
TUE (12-11-2024)	Internship at NAC
WED (13--11-2024)	Internship at NAC
THU (14-11-2024)	Internship at NAC


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DEPARTMENT OF CIVIL ENGINEERING

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	23AG5A0101	Internship at NAC
2	23AG5A0102	Internship at NAC
3	23AG5A0103	Internship at NAC
4	23AG5A0104	Internship at NAC
5	23AG5A0105	Internship at NAC
6	23AG5A0106	Internship at NAC
7	23AG5A0107	Internship at NAC
8	23AG5A0108	Internship at NAC
9	23AG5A0109	Internship at NAC
10	23AG5A0110	Internship at NAC
11	23AG5A0111	Internship at NAC
12	23AG5A0112	Internship at NAC
13	23AG5A0113	Internship at NAC
14	23AG5A0114	Internship at NAC
15	23AG5A0115	Internship at NAC
16	23AG5A0116	Internship at NAC



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DEPARTMENT OF CIVIL ENGINEERING

CONSOLIDATED REPORT FOR FAST LEARNERS





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DEPARTMENT OF CSE (DATA SCIENCE)

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No	Course	Branch	Semester	2024-25
1	B.TECH	CSE(DS)	1	9
2			2	9

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DEPARTMENT OF CSE (DATA SCIENCE)

Date: 05-11-2024

CIRCULAR

Some of the students of B.Tech I Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from 11-11-2024 to 16-11-2024 for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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DEPARTMENT OF CSE (DATA SCIENCE)

Bridge Course (Slow Learners)

Day	Subject
MON 11/11/2024	Matrices and Calculus
TUE 11/11/2024	Matrices and Calculus
WED 11/11/2024	Applied Physics
THU 11/11/2024	Applied Physics
FRI 11/11/2024	Programming for Problem Solving
SAT 11/11/2024	Programming for Problem Solving


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DEPARTMENT OF CSE (DATA SCIENCE)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: I/I

ACADEMIC YEAR: 2024-25

S.No	Subject	Topics
1	Matrices and Calculus	Rank of a matrix by Echelon form and Normal form, Inverse of Non-singular matrices by Gauss- Jordan method, System of linear equations, Linear Transformation and Orthogonal Transformation: Eigen values, Eigenvectors and their properties, Diagonalization of a matrix, Cayley-Hamilton Theorem (without proof) Wein's and Rayleigh-Jean's law, Planck's radiation law - Photoelectric effect
2	Applied Physics	Davisson and Germer experiment-Heisenberg uncertainty principle, characteristics of P-N Junction diode, Zener diode and Bipolar Junction Transistor (BJT)-LED
3	Programming for Problem Solving	variables (with data types and space requirements), Syntax and Logical Errors in compilation, object and executable code, Operators, expressions and precedence, handling strings as array of characters, basic string functions available in C (strlen, strcat, strcpy, strstr etc.), arrays of strings

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DEPARTMENT OF CSE (DATA SCIENCE)

Students Attendance Sheet

S.No	STUDENT ROLL NUMBER	11/11/2024	12/11/2024	13/11/2024	14/11/2024	16/11/2024
1	24AG1A6708	√	√	√	√	√
2	24AG1A6743	√	√	√	√	√
3	24AG1A6795	√	√	√	×	√
4	24AG1A67C6	√	√	√	√	×
5	24AG1A67D6	√	√	√	√	√
6	24AG1A67F6	√	√	×	√	√
7	24AG1A67I2	√	×	√	√	√
8	24AG1A67I6	√	√	√	×	√
9	24AG1A67I8	√	√	√	√	×

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DEPARTMENT OF CSE (DATA SCIENCE)

Date: 02-05-25

CIRCULAR

Some of the students of B.Tech I/I Sem got good percentage in the MID Term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from 05-05-2025 to 10-05-2025 for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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DEPARTMENT OF CSE (DATA SCIENCE)

TIME TABLE (Fast Learners)

DAY	B.TECH - I SEM
MON(11-11-2024)	Vihaan
TUE (12-11-2024)	Vihaan
WED(13-11-2024)	Vihaan

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DEPARTMENT OF CSE (DATA SCIENCE)

LIST OF FAST LEARNERS

S.No	Roll No	Course
1	24AG1A6717	Vihaan
2	24AG1A6724	Vihaan
3	24AG1A6765	Vihaan
4	24AG1A6782	Vihaan
5	24AG1A67E1	Vihaan
6	24AG1A67B1	Vihaan
7	24AG1A67B6	Vihaan
8	24AG1A6706	Vihaan
9	24AG1A6713	Vihaan
10	24AG1A6723	Vihaan
11	24AG1A6728	Vihaan
12	24AG1A67D2	Vihaan
13	24AG1A67E3	Vihaan
14	24AG1A67H6	Vihaan
15	24AG1A6734	Vihaan
16	24AG1A6757	Vihaan
17	24AG1A67G8	Vihaan
18	24AG1A67I0	Vihaan
19	24AG1A6725	Vihaan
20	24AG1A6752	Vihaan
21	24AG1A6749	Vihaan
22	24AG1A6766	Vihaan
23	24AG1A67D0	Vihaan
24	24AG1A6720	Vihaan
25	24AG1A6721	Vihaan
26	24AG1A6754	Vihaan
27	24AG1A6789	Vihaan
28	24AG1A6709	Vihaan
29	24AG1A6799	Vihaan
30	24AG1A67A9	Vihaan
31	24AG1A6733	Vihaan
32	24AG1A6770	Vihaan
33	24AG1A67C9	Vihaan
34	24AG1A6746	Vihaan
35	24AG1A6751	Vihaan
36	24AG1A67G1	Vihaan
37	24AG1A67H5	Vihaan

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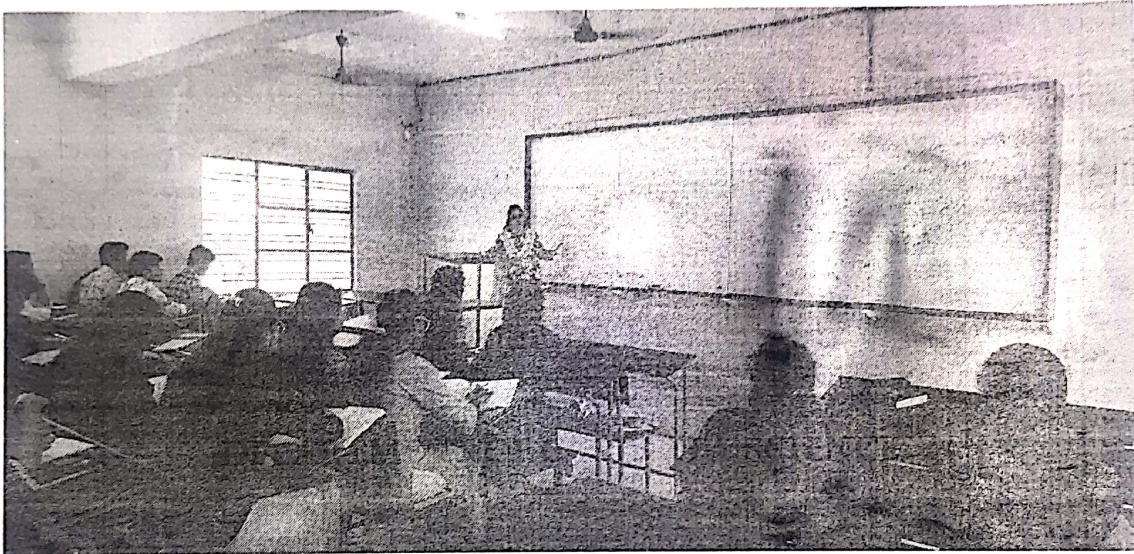
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DEPARTMENT OF CSE (DATA SCIENCE)

CONSOLIDATED REPORT FOR FAST LEARNERS




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONSOLIDATED REPORT OF SLOW LEARNERS

For the Academic Year 2024-2025

S.No.	Course	Branch	Semester	Subjects	Number of Students	Circular dated on
1	IV B.Tech	ECE	I	Digital Image Processing	9	18-01-2025
2	IV B.Tech	ECE	I	Satellite Communications	5	18-01-2025
3	IV B.Tech	ECE	I	Microwave and Optical Communications	5	18-01-2025
4	I B.Tech	ECE	II	Electronic Devices and Circuits	12	02-05-2025
5	I B.Tech	ECE	II	Basic Electrical Engineering	12	02-05-2025


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 18-01-2025

CIRCULAR

Some of the students of IV B. Tech I Semester got low percentage in the Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **20-01-2025 to 25-01-2025** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Bridge Course (For Slow Learners)

IV B.Tech II Semester

Day	Name of the Subject
MON 20/01/2025	Digital Image Processing
MON 20/01/2025	Satellite Communications
MON 20/01/2025	Microwave and Optical Communications
TUE 21/01/2025	Digital Image Processing
WED 22/01/2025	Satellite Communications
THU 23/01/2025	Microwave and Optical Communications
FRI 24/01/2025	Digital Image Processing
FRI 24/01/2025	Satellite Communications
FRI 24/11/2023	Microwave and Optical Communications
SAT 25/01/2025	Digital Image Processing
SAT 25/11/2025	Satellite Communications
SAT 25/01/2025	Microwave and Optical Communications

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: IV B.Tech II Semester

ACADEMIC YEAR:2024-25

S.No	Subject	Topics
1	Digital Image Processing	- Digital Image Fundamentals & Image Transforms, - Image Enhancement (Spatial Domain), Image Enhancement (Frequency Domain), - Image Restoration, - Image Segmentation, - Image Compression.
2	Satellite Communications	- Basic Concepts of Satellite Communications, Frequency Allocations for Satellite Services, Applications, Orbital Mechanics, - Satellite Subsystems, - Satellite Link Design, - Multiple Access, - Earth Station Technology, Satellite Navigation & Global Positioning System.
3	Microwave and Optical Communications	- Microwave Tubes, Helix TWTs, M-Type Tubes, Micro wave Solid State Devices, - Wave guide Components, - Scattering matrix, Microwave Measurements, - Optical Fiber Transmission Media.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REMEDIAL CLASS ATTENDANCE SHEET

IV B Tech I Semester

Subject Name: Digital Image Processing

10	STUDENT ROLL NUMBER	MON 20/01/2025	TUE 21/01/2025	FRI 24/01/2025	SAT 25/01/2025
1	21AG1A04A6	X	✓	✓	✓
2	21AG1A04B3	✓	✓	✓	✓
3	21AG1A0418	✓	✓	✓	X
4	21AG1A0459	✓	✓	X	✓
5	21AG1A0466	✓	✓	✓	✓
6	21AG1A0485	X	✓	X	✓
7	21AG1A0497	✓	✓	✓	X
8	21AG1A0405	✓	X	✓	✓
9	21AG1A0439	✓	✓	✓	X

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REMEDIAL CLASS ATTENDANCE SHEET
IV B Tech I Semester

Subject Name: Satellite Communications

S.NO	STUDENT ROLL NUMBER	MON 20/01/2025	WED 22/01/2025	FRI 24/01/2025	SAT 25/11/2023
1	21AG1A04A6	✓	✓	✓	✓
2	21AG1A0485	✓	✓	✓	✓
3	21AG1A04B3	X	✓	✓	X
4	21AG1A0435	✓	✓	X	✓
5	21AG1A0405	✓	✓	✓	✓

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REMEDIAL CLASS ATTENDANCE SHEET

IV B Tech I Semester

Subject Name: Microwave and Optical Communications

S.NO	STUDENT ROLL NUMBER	MON (20/01/2025)	THU (23/01/2025)	FRI (24/01/2025)	SAT (25/01/2025)
1	21AG1A04A6	✓	✓	✓	✓
2	21AG1A0435	✓	✓	✓	✓
3	21AG1A0441	X	✓	✓	X
4	21AG1A04A4	✓	X	X	✓
5	21AG1A04C2	✓	✓	✓	✓

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Remedial Examination

IV B Tech I Semester Exams-2024-25

Branch: **ECE**

Time : **2 Hours.**

Subject: **Digital Image Processing**

Acad. Year: **2024-25**

Max Marks: **25**

Date: **28.01.2025(FN)**

◆ *Answer Any FIVE from the following. Each Question carries 5 marks* ◆

1. Discuss the role of sampling and quantization of image.
2. Explain the role of DCT in Digital image Processing.
3. Explain Histogram Equalization with example.
4. Explain various spatial domain filtering techniques for image enhancement.
5. Draw the block diagram of Image compression model and explain.
6. Explain about lossless predictive coding with block diagram.
7. Explain about degradation model of image restoration.
8. Explain the segmentation techniques that are based on finding the regions.

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Remedial Examination

IV B Tech I Semester Exams-2024-25

Branch: **ECE**

Time : **2 Hours.**

Subject: **Satellite Communications**

Acad. Year : **2024-25**

Max Marks: **25**

Date: **27.01.2025(AN)**

◆ *Answer Any FIVE from the following. Each Question carries 5 marks* ◆

1. Draw the block diagram for satellite communication system. Explain the function of each block.
2. Discuss the effects of sun and moon on satellite communication.
3. With the help of a neat diagram, explain the functions of TTC&M system
4. List out the main types of antennas used on satellite.
5. Explain system noise temperature and G/T ratio in detail.
6. Explain in detail about the Time division Multiple Access (TDMA) Frame structure.
7. Explain the operation of earth station transmitter with the help of a neat block diagram.
8. With neat sketches explain Global positioning satellite system

26



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Remedial Examination

IV B Tech I Semester Exams-2024-25

Branch: **ECE**

Time : **2 Hours.**

Subject: **Microwave and Optical Communications**

Acad. Year: **2024-25**

Max Marks: **25**

Date: **27.01.2025(FN)**

◆ *Answer Any FIVE from the following. Each Question carries 5 marks* ◆

1. Explain in detail the operation of Reflex Klystron and derive equation for its efficiency
2. Draw the structure of TWT and explain its amplification process.
3. Explain the operation of magnetron and derive its Hull Cutoff magnetic field equation and Hull cutoff voltage equation.
4. Determine S-matrix for E-plane Tee junction.
5. What are ferrite devices? Explain Faraday rotation in Ferrites. Explain about the construction & working principle of Isolator.
6. Describe about the measurement of Low and High VSWR on Microwave Bench.
7. Explain macro bending and micro bending losses with a neat diagram
8. Describe how a magic tee can be used in constructing a Circulator and a Duplexer.

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AWARD LIST (Remedial)

IV B Tech I Semester Exams



Branch : **ECE**

Acad. Year : **2024 -25**

Subject: **Digital Image Processing (DIP)**

Date of Examination: **27.01.2025(FN)**

Name of the Examiner : **Mr. S.Sreekanth**

Max. Marks : **25**

S.No	Roll No.	Marks Awarded
1	21AG1A04A6	22
2	21AG1A04B3	17
3	21AG1A0418	21
4	21AG1A0459	22
5	21AG1A0466	24
6	21AG1A0485	19
7	21AG1A0497	22
8	21AG1A0405	17
9	21AG1A0439	19

No. of students present :

9

No. of students who got more than 70% of marks :

7

% of students got more than 70% of marks :

77.77

S.Sreekanth

Subject In-charge

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Department Of Electronics & Communication Engg.
ACE Engineering College
An Autonomous Institution
Ankushapur (V), Ghatkesar (M),
M.M. Dist-501 301. T.G.



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AWARD LIST (Remedial)

IV B Tech I Semester Exams

Branch : **ECE**

Subject: Satellite Communications

Name of the Examiner : **Mr.Y.Pradeep**

Acad. Year : **2024 -25**

Date of Examination: **27.01.2025(AN)**

Max. Marks : **25**

S.No	Roll No.	Marks Awarded
1	21AG1A04A6	22
2	21AG1A0485	18
3	21AG1A04B3	21
4	21AG1A0435	22
5	21AG1A0405	23

No. of students present :

5

No. of students who got more than 70% of marks :

5

% of students got more than 70% of marks :

100.00


Subject In-charge


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AWARD LIST (Remedial)

IV B Tech I Semester Exams

Branch : ECE

Acad. Year : 2024 -25

Subject: Microwave and Optical Communications

Date of Examination: 27.01.2025 (FN)

Name of the Examiner : Mr. GPV.Kishore

Max. Marks : 25

S.No	Roll No.	Marks Awarded
1	21AG1A04A6	19
2	21AG1A0435	20
3	21AG1A0441	23
4	21AG1A04A4	22
5	21AG1A04C2	23

No. of students present :

5

No. of students who got more than 70% of marks :

5

% of students got more than 70% of marks :

100.00

GPV

Subject In-charge

[Signature]
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 02-05-2025

CIRCULAR

Some of the students of I B. Tech II Semester got low percentage in the First Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **03-05-2025 to 09-05-2025** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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02/05/25
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Bridge Course (For Slow Learners)

Day	FN (10.20AM TO 12.20PM)	AN (2.40PM TO 4.30PM)
SAT 03/05/2025	Electronic Devices and Circuits	Basic Electrical Engineering
MON 05/05/2025	Electronic Devices and Circuits	Basic Electrical Engineering
TUE 06/05/2025	Electronic Devices and Circuits	Basic Electrical Engineering
WED 07/05/2025	Basic Electrical Engineering	Electronic Devices and Circuits
THU 08/05/2025	Basic Electrical Engineering	Electronic Devices and Circuits
FRI 9/05/2025	Basic Electrical Engineering	Electronic Devices and Circuits


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: I BTECH II Semester

ACADEMIC YEAR:2024-25

Sl.No	Subject	Topics
1	Electronic Devices and Circuits	• Diodes-Operation and V-I Characteristics • Diode as a switch- switching times. • Diode Applications: Rectifiers, Clampers. • Bipolar Junction Transistor (BJT) • Junction Field Effect Transistor (FET) • Special Purpose Devices
2	Basic Electrical Engineering	• D.C. Circuits-Basics • Superposition, Thevenin and Norton Theorems. • A.C. Circuits, Three-phase balanced circuits, voltage and current relations in star and delta connections • D.C. Machines & Transformers • Electrical Installations

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REMEDIAL CLASS ATTENDANCE SHEET

I B Tech II Semester

S.NO	STUDENT ROLL NUMBER	SAT 3/5/25	MON 5/5/25	TUE 6/5/25	WED 7/5/25	THU 8/5/25	FRI 9/5/25
1	24AG1A0411	X	✓	✓	✓	✓	✓
2	24AG1A0417	✓	✓	X	✓	✓	X
3	24AG1A0429	✓	✓	✓	X	✓	✓
4	24AG1A0438	X	✓	✓	✓	✓	✓
5	24AG1A0444	✓	✓	✓	✓	X	✓
6	24AG1A0455	✓	✓	✓	X	✓	✓
7	24AG1A0458	X	✓	✓	✓	✓	✓
8	24AG1A0475	✓	X	✓	✓	X	X
9	24AG1A0476	✓	✓	✓	X	✓	✓
10	24AG1A04A2	✓	✓	✓	X	✓	✓
11	24AG1A04A8	X	✓	✓	✓	X	✓
12	24AG1A04A9	✓	✓	✓	X	✓	X

Subject In-charge:

1.

2.

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Remedial Examination

I B Tech II Semester Exams-2024-25

Branch: **ECE**

Acad. Year: **2024-25**

Time: **2 Hours.**

Max Marks: **30**

Subject: **Electronic Devices and Circuits**

Date: **10.05.2025(FN)**

◆ *Answer Any FIVE from the following. Each Question carries 6 marks* ◆

1. Explain the operation and draw V-I characteristics of a PN junction diode under forward bias and reverse bias.
2. Explain and derive the diffusion capacitance of a PN junction diode.
3. Explain the operation of a full-wave Bridge rectifier.
4. Classify different types of clippers and explain the operation of each type with one example.
5. Draw the circuit diagram of Transistor in Common Emitter (CE) Configuration and explain its input output Characteristics.
6. Explain the Operation of Enhancement-type MOSFET and its Characteristics.
7. Compare JFET, BJT, and MOSFET.
8. Explain the V-I characteristics of a Unijunction Transistor (UJT).



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Remedial Examination

I B Tech II Semester Exams-2024-25

Branch: **ECE**

Acad. Year: **2024-25**

Time: **2 Hours.**

Max Marks: **30**

Subject: **Basic Electrical Engineering**

Date: **10.05.2025(AN)**

◆—————◆
Answer Any FIVE from the following. Each Question carries 6 marks

1. Find the transient response of series RC circuit with clear derivation with neat sketch?
2. Explain about practical & ideal voltage and current sources?
3. Derive the current & voltage relations in 3 phase star connected balanced system?
4. Differences between 3 phase balanced star & Delta connections?
5. What is transformer and also explain the purpose of transformer?
6. Explain about the construction and working operation of an auto transformer?
7. Explain the construction of a synchronous generator and also explain the working principle of it?
8. Explain the concept of battery backup?



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AWARD LIST (Remedial)

I B Tech II Semester Exams

Branch : ECE

Acad. Year : 2024 -25

Subject: Electronic Devices and Circuits

Date of Examination: 10.05.2025 (FN)

Name of the Examiner : Dr.P.Satish Kumar

Max. Marks : 30

S.No	Roll No.	Marks Awarded
1	24AG1A0411	29
2	24AG1A0417	25
3	24AG1A0429	24
4	24AG1A0438	27
5	24AG1A0444	23
6	24AG1A0455	26
7	24AG1A0458	26
8	24AG1A0475	25
9	24AG1A0476	23
10	24AG1A04A2	20
11	24AG1A04A8	21
12	24AG1A04A9	26

No. of students present :

12

No. of students who got more than 70% of marks :

11

% of students got more than 70% of marks :

91.67


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AWARD LIST (Remedial)

IV B Tech I Semester Exams

Branch : **ECE**

Acad. Year : **2024 -25**

Subject: **Basic Electrical Engineering**

Date of Examination:..**10.05.2025(AN)**

Name of the Examiner : **Mr.B Hari Kranth**

Max. Marks : **30**

S.No	Roll No.	Marks Awarded
1	24AG1A0411	28
2	24AG1A0417	23
3	24AG1A0429	25
4	24AG1A0438	26
5	24AG1A0444	20
6	24AG1A0455	23
7	24AG1A0458	26
8	24AG1A0475	25
9	24AG1A0476	24
10	24AG1A04A2	27
11	24AG1A04A8	20
12	24AG1A04A9	27

No. of students present :

12

No. of students who got more than 70% of marks :

10

% of students got more than 70% of marks :

83.33

Subject In-charge

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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	B.Tech	CSE(IoT)	1	11
2			2	10

HQD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

Date: 14-12-2024

CIRCULAR

Some of the students of B.Tech I Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow-learner students from **16-12-2024 to 20-12-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

This is for your kind information and due compliance.


Principal



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DEPARTMENT OF CSE (Internet of Things)

Bridge Course (Slow Learners)

Day	Subject
MON (16/12/2024)	Matrices and Calculus
TUE (17/12/2024)	Engineering Chemistry
WED (18/12/2024)	Engineering Chemistry
THU (19/12/2024)	Programming for Problem Solving
FRI (20/12/2024)	English for Skill Enhancement

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: I/I

ACADEMIC YEAR:2024-2025

Sl.No	Subject	Topics
1	Matrices and Calculus	Rank of a matrix by Echelon form and Normal form, Inverse of Non-singular matrices by Gauss- Jordan method, System of linear equations, Linear Transformation and Orthogonal Transformation: Eigen values, Eigenvectors and their properties, Diagonalization of a matrix, Cayley-Hamilton Theorem (without proof)
2	Engineering Chemistry	Water and its treatment: Potable water and its specifications, Defluoridation, Battery Chemistry & Corrosion, Corrosion: Causes and effects of corrosion, Corrosion control methods, Polymeric materials, Plastics: Definition and characteristics, Elastomers: Characteristics, Conducting polymers, Energy Sources, : Engineering Material.
3	Programming for Problem Solving	variables (with data types and space requirements), Syntax and Logical Errors in compilation, object and executable code, Operators, expressions and precedence, handling strings as array of characters, basic string functions available in C (strlen, strcat, strcpy, strstr etc.), arrays of strings
4	English for Skill Enhancement	The Use of Prefixes and Suffixes - Acquaintance with Prefixes and Suffixes from Foreign Languages to form Derivatives - Synonyms and Antonyms, Identifying Common Errors in Writing with Reference to Noun-pronoun Agreement and Subject-verb Agreement.

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

S.NO	STUDENT ROLL NUMBER	16/12/2024	17/12/2024	18/12/2024	19/12/2024	20/12/2024
1	24AG1A6903	✓	X	✓	✓	X
2	24AG1A6906	✓	X	✓	✓	✓
3	24AG1A6909	✓	X	✓	✓	✓
4	24AG1A6913	✓	✓	✓	✓	X
5	24AG1A6914	✓	✓	✓	X	✓
6	24AG1A6918	✓	✓	X	✓	✓
7	24AG1A6920	✓	✓	✓	✓	✓
8	24AG1A6939	✓	✓	X	✓	✓
9	24AG1A6941	✓	✓	✓	X	✓
10	24AG1A6952	✓	✓	✓	✓	✓
11	24AG1A6957	✓	✓	✓	X	✓

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

03-05-2025

CIRCULAR

Some of the students of B.Tech I/I Sem got good percentage in the semester examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **05-05-2025 to 10-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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DEPARTMENT OF CSE (Internet of Things)

TIME TABLE (Fast Learners)

DAY	B.TECH-I SEM
MON (5-5-2025)	Vihaan
TUE (6-5-2025)	Vihaan
WED (7-5-2025)	Vihaan
THUS (8-5-2025)	Vihaan
FRI (9-5-2025)	Vihaan

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	24AG1A6902	Vihaan
2	24AG1A6919	Vihaan
3	24AG1A6921	Vihaan
4	24AG1A6922	Vihaan
5	24AG1A6925	Vihaan
6	24AG1A6935	Vihaan
7	24AG1A6942	Vihaan
8	24AG1A6945	Vihaan
9	24AG1A6954	Vihaan
10	24AG1A6955	Vihaan

HOD-CSE(IoT)



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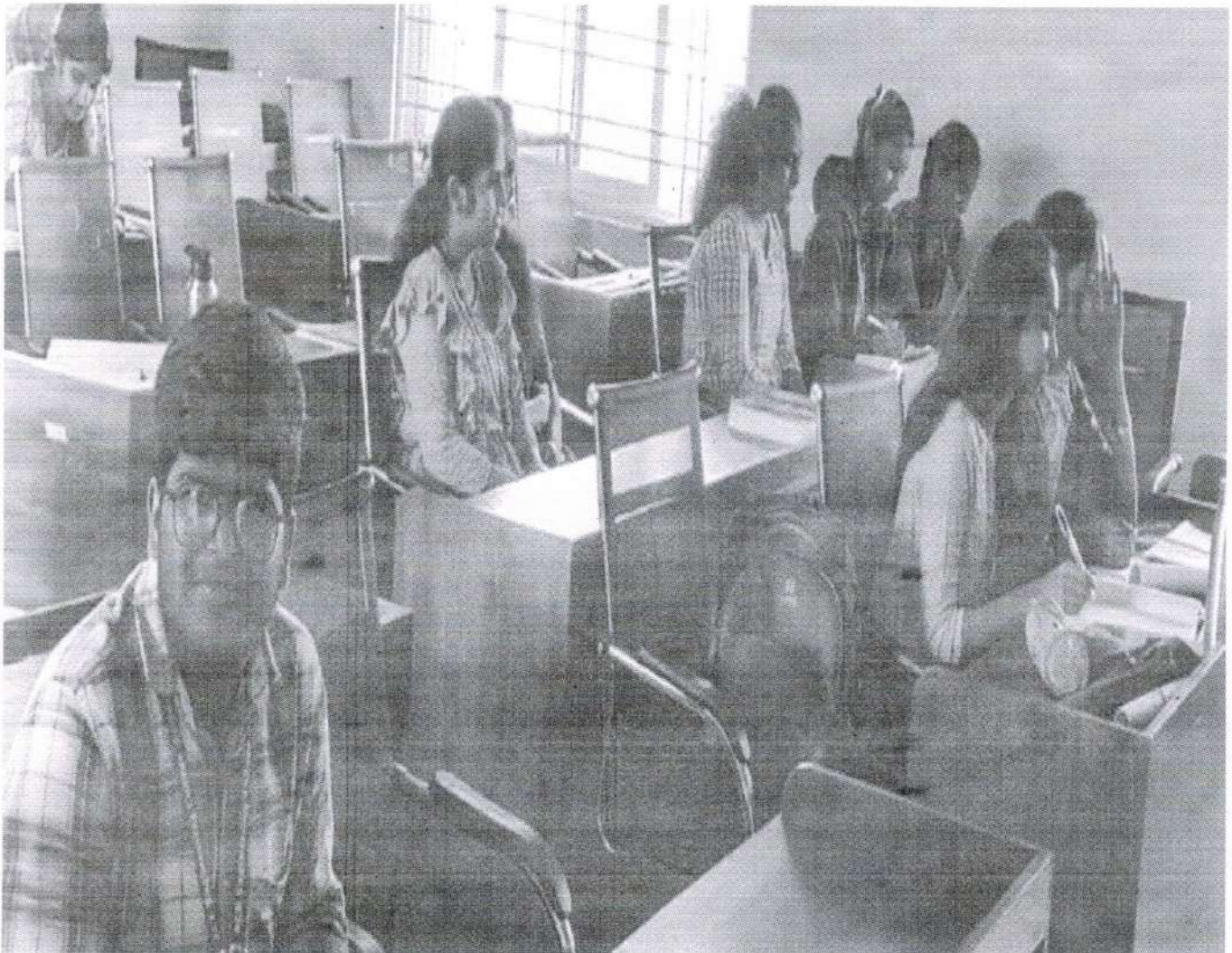
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CONSOLIDATED REPORT FOR FAST LEARNERS





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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	B.Tech	CSE(IoT)	1	12
2			2	10

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

Date: 16-11-2024

CIRCULAR

Some of the students of B.Tech II Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **18-11-2024 to 22-11-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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Principal



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DEPARTMENT OF CSE (Internet of Things)

Bridge Course (Slow Learners)

Day	Subject
MON (18/11/2024)	ELECTRONIC DEVICES AND CIRCUITS
TUE (19/11/2024)	DATA STRUCTURES
WED (20/11/2024)	OPERATING SYSTEMS
THU (21/11/2024)	SOFTWARE ENGINEERING
FRI (22/11/2024)	DISCRETE MATHEMATICS

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: II/I

ACADEMIC YEAR:2024-2025

Sl.No	Subject	Topics
1	ELECTRONIC DEVICES AND CIRCUITS	Diodes: Diode - Static and Dynamic resistances, V-I Characteristics, Diode as a switch- switching times, Diode Applications: Rectifier - Half Wave Rectifier, Bipolar Junction Transistor (BJT), Junction Field Effect Transistor (FET).
2	DATA STRUCTURES	Introduction to Data Structures, Stacks- Operations, , array and linked representations, Dictionaries, Hash Table Representation, Operations- Searching, Insertion and Deletion, Graphs: Graph Implementation Methods, Sorting, Pattern Matching and Tries.
3	OPERATING SYSTEMS	Operating System – Introduction, CPU Scheduling, Deadlocks, Process Management and Synchronization, intercrosses Communication Mechanisms, Memory Management and Virtual Memory , File System Interface and Operations
4	SOFTWARE ENGINEERING	Introduction to Software Engineering, capability maturity model integration (CMMI),Process model, Software Requirements, Requirements engineering process, Design Engineering, conceptual model of UML, conceptual model of UML, Metrics for Process and Products, Risk management
5	DISCRETE MATHEMATICS	Mathematical logic: Introduction, Set theory: Introduction, Algebraic Structures: Introduction, Elementary Combinatorics, Graph Theory.

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S.NO	STUDENT ROLL NUMBER	18/11/2024	19/11/2024	20/11/2024	21/11/2024	22/11/2024
1	23AG1A6902	X	X	✓	✓	X
2	23AG1A6903	X	X	✓	✓	✓
3	23AG1A6913	✓	X	✓	✓	✓
4	23AG1A6914	✓	✓	✓	✓	X
5	23AG1A6915	✓	✓	✓	X	✓
6	23AG1A6917	✓	✓	X	✓	✓
7	23AG1A6925	✓	✓	✓	✓	✓
8	23AG1A6928	✓	✓	✓	✓	✓
9	23AG1A6929	✓	✓	✓	X	✓
10	23AG1A6940	✓	✓	✓	✓	✓
11	23AG1A6941	✓	✓	✓	X	✓
12	23AG1A6949	✓	✓	✓	X	✓

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

03-05-2025

CIRCULAR

Some of the students of B.Tech II/I Sem got good percentage in the Semester examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **5-05-2025 to 10-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

This is for your kind information and due compliance.

Kesla

Principal



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DEPARTMENT OF CSE (Internet of Things)

TIME TABLE (Fast Learners)

DAY	B.TECH-I SEM
MON (5-5-2025)	Vihaan
TUE (6-5-2025)	Vihaan
WED (7-5-2025)	Vihaan
THUS (8-5-2025)	Vihaan
FRI (9-5-2025)	Vihaan

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	23AG1A6905	Vihaan
2	23AG1A6907	Vihaan
3	23AG1A6935	Vihaan
4	23AG1A6943	Vihaan
5	23AG1A6945	Vihaan
6	23AG1A6947	Vihaan
7	23AG1A6961	Vihaan
8	23AG1A6963	Vihaan
9	24AG5A6903	Vihaan
10	24AG5A6906	Vihaan

HOD-CSE(IoT)



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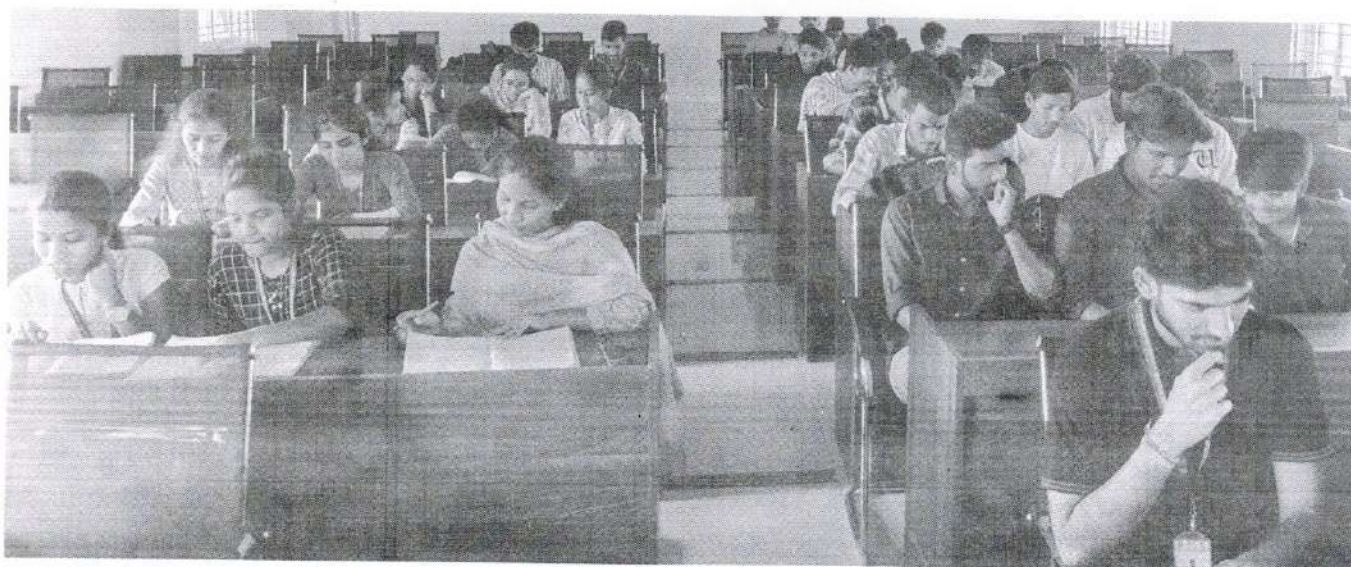
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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT FOR FAST LEARNERS





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CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	B.Tech	CSE(IoT)	1	11
2			2	13


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DEPARTMENT OF CSE (Internet of Things)

Date: 16-11-2024

CIRCULAR

Some of the students of B.Tech III Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **18-11-2024 to 22-11-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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Keshu

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DEPARTMENT OF CSE (Internet of Things)

Bridge Course (Slow Learners)

Day	Subject
MON (18/11/2024)	AUTOMATA THEORY AND COMPILER DESIGN
TUE (19/11/2024)	MICROPROCESSORS & MICROCONTROLLERS
WED (20/11/2024)	DATABASE MANAGEMENT SYSTEMS
THU (21/11/2024)	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS
FRI (22/11/2024)	IOT SYSTEM ARCHITECTURES

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DEPARTMENT OF CSE (Internet of Things)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: III/I

ACADEMIC YEAR:2024-2025

Sl.No	Subject	Topics
1	AUTOMATA THEORY AND COMPILER DESIGN	Introduction to Finite Automata, Nondeterministic Finite Automata, Deterministic Finite Automata, Regular Expressions, Context-Free Grammars, Pumping Lemma for Regular Languages, Push Down Automata, Lexical Analysis, Intermediate-Code Generation.
2	MICROPROCESSORS & MICROCONTROLLERS	8086 Architecture, Instruction Set and Assembly Language Programming of 8086, Introduction to Microcontrollers, 8051 Real Time Control, I/O And Memory Interface, Serial Communication and Bus Interface, ARM Architecture, Advanced ARM Processors.
3	DATABASE MANAGEMENT SYSTEMS	Database System Applications, Introduction to Database Design, Introduction to the Relational Model, SQL, Schema Refinement, Transaction Concept, File Organization and Indexing.
4	BUSINESS ECONOMICS AND FINANCIAL ANALYSIS	Introduction to Business and Economics, Demand and Supply Analysis, Production, Cost, Market Structures & Pricing, Financial Accounting, Financial Analysis through Ratios
5	IOT SYSTEM ARCHITECTURES	The IoT Landscape ,IoT System Architectures, IoT Devices & Event-Driven System Analysis, Event-Driven System Analysis, Industrial Internet of Things, Security and Safety, Security Testing IoT Systems.

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S.NO	STUDENT ROLL NUMBER	18/11/2024	19/11/2024	20/11/2024	21/11/2024	22/11/2024
1	22AG1A6913	X	X	✓	✓	X
2	22AG1A6925	X	✓	✓	✓	X
3	22AG1A6934	✓	✓	✓	✓	✓
4	22AG1A6938	✓	X	✓	✓	✓
5	22AG1A6943	✓	✓	✓	X	✓
6	22AG1A6945	✓	✓	X	✓	✓
7	22AG1A6948	✓	✓	✓	✓	✓
8	22AG1A6950	✓	✓	✓	✓	✓
9	22AG1A6957	✓	✓	✓	X	✓
10	22AG1A6959	✓	X	✓	✓	✓
11	23AG5A6907	X	✓	✓	X	✓

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DEPARTMENT OF CSE (Internet of Things)

03-05-2025

CIRCULAR

Some of the students of B.Tech III/I Sem got good percentage in the Semester examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **05-05-2025 to 10-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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DEPARTMENT OF CSE (Internet of Things)

TIME TABLE (Fast Learners)

DAY	B.TECH-I SEM
MON (5-5-2025)	Vihaan
TUE (6-5-2025)	Vihaan
WED (7-5-2025)	Vihaan
THUS (8-5-2025)	Vihaan
FRI (9-5-2025)	Vihaan

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DEPARTMENT OF CSE (Internet of Things)

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	22AG1A6901	Vihaan
2	22AG1A6903	Vihaan
3	22AG1A6905	Vihaan
4	22AG1A6907	Vihaan
5	22AG1A6922	Vihaan
6	22AG1A6927	Vihaan
7	22AG1A6942	Vihaan
8	22AG1A6951	Vihaan
9	22AG1A6960	Vihaan
10	22AG1A6961	Vihaan
11	22AG1A6963	Vihaan
12	22AG1A6964	Vihaan
13	23AG5A6904	Vihaan

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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT FOR FAST LEARNERS





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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT OF SLOW LEARNERS

S.No.	Course	Branch	Semester	2024-2025
1	B.Tech	CSE(IoT)	1	11
2			2	10

HOD-CSE(IoT)



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DEPARTMENT OF CSE (Internet of Things)

Date: 14-12-2024

CIRCULAR

Some of the students of B.Tech IV Year I Semester got low percentage in the I Mid-term examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct a bridge course for slow learner students from **16-12-2024 to 20-12-2024** for those students in order to improve their performance in the coming Mid Term Examinations and Annual Examinations. The List of the students for bridge course for slow learners is attached with the notice.

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DEPARTMENT OF CSE (Internet of Things)

Bridge Course (Slow Learners)

Day	Subject
MON (16/12/2024)	IOT CLOUD PROCESSING AND ANALYTICS
TUE (17/12/2024)	IOT SECURITY
WED (18/12/2024)	AUGMENTED REALITY AND VIRTUAL REALITY
THU (19/12/2024)	5G & IOT TECHNOLOGIES
FRI (20/12/2024)	REMOTE SENSING & GIS

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DEPARTMENT OF CSE (Internet of Things)

TOPICS COVERED FOR SLOW LEARNERS YEAR/SEM: IV/I

ACADEMIC YEAR:2024-2025

Sl.No	Subject	Topics
1	IOT CLOUD PROCESSING AND ANALYTICS	IoT devices, Networking basics, IoT Analytics for the Cloud, Exploring IoT Data, Data Science for IoT Analytics, Strategies to Organize Data for Analytics:
2	IOT SECURITY	Fundamentals of IoT and Security and its need, Introduction of IoT devices, IoT and cyber-physical systems RFID Security, IoT security lifecycle, Front-end System Privacy Protection, Introduction to Authentication Techniques Secure IoT Lower Layers
3	AUGMENTED REALITY AND VIRTUAL REALITY	Introduction to Augmented Reality, AR Devices & Components, Introduction to Virtual Reality, Representing the Virtual World, Visual Perception & Rendering.
4	5G & IOT TECHNOLOGIES	Overview of 5G Broadband Wireless Communications, The 5G wireless Propagation Channels, Introduction to Internet of Things, IoT enabled Technologies, IoT and M2M, IoT Physical Devices and Endpoints
5	REMOTE SENSING & GIS	Concepts of Remote Sensing Basics of Remote Sensing, Introduction to GIS, Spatial Database Management System, Spatial data input and Editing, Implementing a GIS and Application.



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DEPARTMENT OF CSE (Internet of Things)

S.NO	STUDENT ROLL NUMBER	16/12/2024	17/12/2024	18/12/2024	19/12/2024	20/12/2024
1	21AG1A6904	✓	X	✓	✓	X
2	21AG1A6920	✓	X	✓	✓	✓
3	21AG1A6921	✓	X	✓	✓	✓
4	21AG1A6924	X	✓	✓	✓	X
5	21AG1A6926	✓	✓	✓	X	✓
6	21AG1A6929	X	✓	X	✓	✓
7	21AG1A6931	✓	✓	✓	✓	✓
8	21AG1A6942	✓	✓	✓	✓	✓
9	21AG1A6959	X	✓	✓	X	✓
10	21AG1A6962	✓	✓	✓	✓	✓
11	21AG1A6963	✓	✓	✓	✓	✓

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DEPARTMENT OF CSE (Internet of Things)

03-05-2025

CIRCULAR

Some of the students of B.Tech IV/I Sem got good percentage in the Semester examinations. After having conducted a meeting with the concerned faculty, it has been decided to conduct seminars, workshops and group discussion for fast learner students from **05-05-2025 to 10-05-2025** for those students in order to enhance their skills. The List of the students for fast learners is attached with the notice.

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Principal



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DEPARTMENT OF CSE (Internet of Things)

TIME TABLE (Fast Learners)

DAY	B.TECH-I SEM
MON (5-5-2025)	Vihaan
TUE (6-5-2025)	Vihaan
WED (7-5-2025)	Vihaan
THUS (8-5-2025)	Vihaan
FRI (9-5-2025)	Vihaan

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DEPARTMENT OF CSE (Internet of Things)

LIST OF FAST LEARNERS

SL.No	Roll No	Course
1	21AG1A6901	Vihaan
2	21AG1A6907	Vihaan
3	21AG1A6909	Vihaan
4	21AG1A6912	Vihaan
5	21AG1A6913	Vihaan
6	21AG1A6918	Vihaan
7	21AG1A6935	Vihaan
8	21AG1A6937	Vihaan
9	21AG1A6941	Vihaan
10	21AG1A6947	Vihaan


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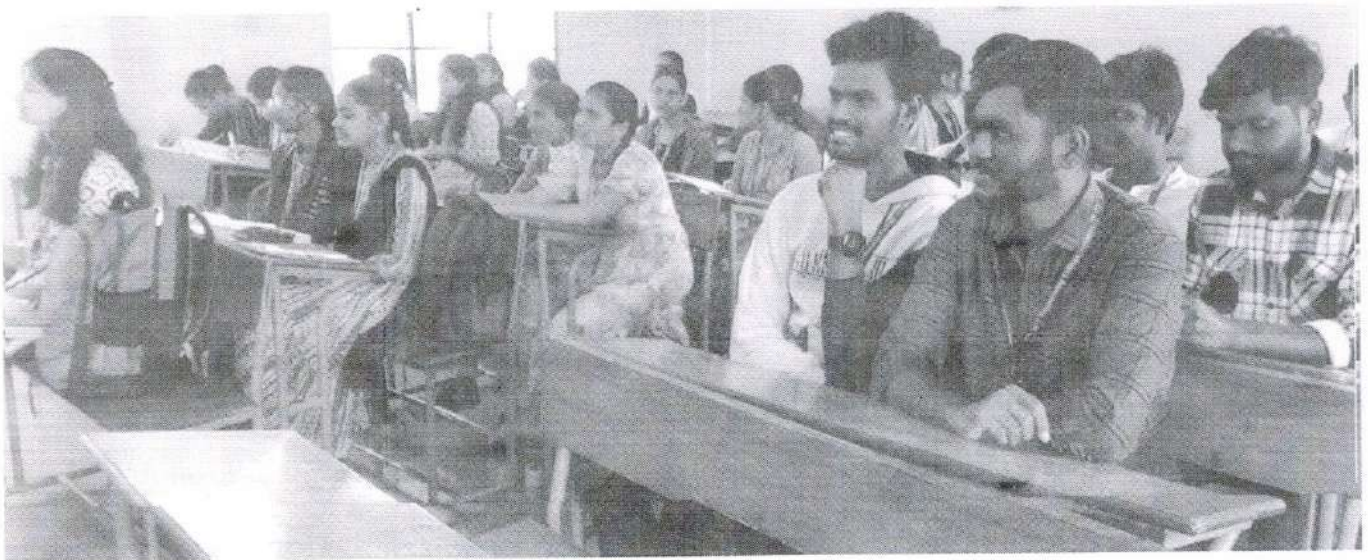
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DEPARTMENT OF CSE (Internet of Things)

CONSOLIDATED REPORT FOR FAST LEARNERS





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DEPARTMENT OF INFORMATION TECHNOLOGY

Consolidated Report of Slow Learners A.Y. 2024-25

S.No.	Year-Semester	No. of Slow Learners
1	I-I	18
2	I-II	2
3	II-I	9
4	II-II	19
5	III-I	8
6	III-II	0
7	IV-I	37
8	IV-II	34



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DEPARTMENT OF INFORMATION TECHNOLOGY

4-11-2024

Circular

Some of students of II and III year –I sem got low percentage in Midterm-1 examinations. After having conducted a meeting with concerned faculty, it has been decided to conduct bridge course for slow learner students from **11-11-2024 to 14-11-2024** in order to improve their performance in coming midterm examinations and final examination. The list of bridge course for slow learner is attached with the notice

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DEPARTMENT OF INFORMATION TECHNOLOGY

BRIDGE COURSE (slow learner)

Year	day	subject
2-1	11/11/2024	Electronic Devices and Circuits
2-1	12/11/2024	Data Structures
2-1	13/11/2024	Computer Organization and Microprocessor
2-1	14/11/2024	COSM

Year	day	subject
3-1	11/11/2024	Software Engineering
3-1	12/11/2024	DCCN
3-1	13/11/2024	Machine Learning
3-1	14/11/2024	Data Analytics


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DEPARTMENT OF INFORMATION TECHNOLOGY

TOPIC COVERED FOR SLOW LEARNER YEAR II-1

Year	subject	Topics covered
2-1	Electronic Devices and Circuits	➤ Diodes ➤ Bipolar junction transistor ➤ Junction field effect transistor
2-1	Data Structures	➤ Stacks and queues ➤ Hash table representation ➤ Trees ➤ graphs
2-1	Computer Organization and Microprocessor	➤ 8086 architecture ➤ digital computers ➤ computer arithmetic ➤ memory organization
2-1	COSM	➤ Probability ➤ Random variables ➤ Sampling distributions

TOPIC COVERED FOR SLOW LEARNER YEAR III-1

Year	subject	Topics covered
3-1	Software Engineering	➤ Process models ➤ Software requirements ➤ testing
3-1	DCCN	➤ physical layer ➤ data link layer ➤ network and application layer
3-1	Machine Learning	➤ supervised learning ➤ multi layer perception ➤ learning with trees
3-1	Data Analytics	➤ data management ➤ data analytics ➤ data visualization


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DEPARTMENT OF INFORMATION TECHNOLOGY

ATTENDANCE FOR SLOW LEARNER YEAR II-1

S.NO	STUDENT ROLL NO	11/11/24	12/11/24	13/11/24	14/11/24
1	23AG1A1254	√	√		√
2	23AG1A1259	√	√		
3	23AG1A1212		√		√
4	23AG1A1225		√		
5	23AG1A1204			√	

ATTENDANCE FOR SLOW LEARNER YEAR III-1

S.NO	STUDENT ROLL NO	11/11/24	12/11/24	13/11/24	14/11/24
1	22AG1A1226	√			
2	22AG1A1232	√	√	√	√
3	22AG1A1233	√			
4	22AG1A1234	√			
5	22AG1A1261	√			


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DEPARTMENT OF INFORMATION TECHNOLOGY

4-12-2024

Circular

Some of students of I and IV year –I Sem got low percentage in Midterm-1 examinations. After having conducted a meeting with concerned faculty, it has been decided to conduct bridge course for slow learner students from **11-12-2024 to 15-12-2024** in order to improve their performance in coming midterm examinations and final examination. The list of bridge course for slow learner is attached with the notice

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DEPARTMENT OF INFORMATION TECHNOLOGY

BRIDGE COURSE (slow learner)

Year	day	subject
1-1	11/12/2024	MATRICES AND CALCULUS
1-1	12/12/2024	ENGINEERING CHEMISTRY
1-1	13/12/2024	PROGRAMMING FOR PROBLEM SOLVING
1-1	14/12/2024	BASIC ELECTRICAL ENGINEERING
1-1	15/12/2024	CAEG

Year	day	subject
4-1	11/12/2024	INFORMATION SECURITY
4-1	12/12/2024	DATA MINING
4-1	13/12/2024	CLOUD COMPUTING
4-1	14/12/2024	ELECTRONIC SENSORS
4-1	15/12/2024	DISTRUBUTED DATABASE

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DEPARTMENT OF INFORMATION TECHNOLOGY

TOPIC COVERED FOR SLOW LEARNER YEAR I-1

Year	subject	Topics covered
1-1	MATRICES AND CALCULUS	➤ EIGEN VALUES AND VECTORS ➤ CALCULUS ➤ MATRICES
1-1	ENGINEERING CHEMISTRY	➤ WATER AND ITS TREATMENT ➤ POLYMERIC MATERIALS ➤ ENERGY SOURCES
1-1	PROGRAMMING FOR PROBLEM SOLVING	➤ VARIABLES, DATATYPES ➤ LOOPS, ARRAYS, STRINGS ➤ SEARCHING AND SORTING ➤ MEMORY ALLOCATION
1-1	BASIC ELECTRICAL ENGINEERING	➤ DC CIRCUITS, AC CIRCUITS ➤ TRANSFORMERS ➤ ELECTRICAL MACHINES AND INSTALLATION
1-1	CAEG	➤ PRINCIPLES OF ENGINEERING GRAPHICS ➤ ORTHOGRAPHIC PROJECTIONS ➤ ISOMETRIC PROJECTIONS

TOPIC COVERED FOR SLOW LEARNER YEAR IV-1

Year	subject	Topics covered
4-1	INFORMATION SECURITY	➤ SECURITY ATTACKS,SERVICES ➤ CLASSICAL ENCRYPTION TECHNIQUES ➤ DIGITAL SIGNATURES,IP SECURITY
4-1	DATA MINING	➤ DATA PRE PROCESSING ➤ ASSOCIATION ANALYSIS,CLASSIFICATION METHODS
4-1	CLOUD COMPUTING	➤ CLOUD FUNDAMENTALS ➤ VIRTUALIZATIONAND PROGRAMMING MODELS ➤ NETWORKING FOR CC
4-1	ELECTRONIC SENSORS	➤ STRAIN GUAGES ➤ SENSORS ➤ THERMO DYANAMICS
4-1	DISTRUBUTED DATABASE	➤ DBMS ARCHITECTURE ➤ QUERY PROCESSING ➤ TRANSACTION MANAGEMENT


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S.NO	STUDENT ROLL NO	11/12/24	12/12/24	13/12/24	14/12/24	15/12/24
1	24AG1A1216		√			√
2	24AG1A1251	√	√	√	√	
3	23AG1A1231		√	√		
4	24AG1A1203			√		
5	24AG1A1212			√		√
6	24AG1A1215			√		
7	24AG1A1219			√		
8	24AG1A1223			√		
9	24AG1A1228			√		√

ATTENDANCE FOR SLOW LEARNER YEAR IV-1

S.N O	STUDENT ROLL NO	11/12/24	12/12/24	13/12/24	14/12/24	15/12/24
1	21AG1A1208	√	√	√	√	√
2	21AG1A1219	√	√	√	√	√
3	21AG1A1231	√	√	√	√	
4	21AG1A1236	√				
5	21AG1A1246	√	√	√	√	√
6	21AG1A1247	√	√	√	√	
7	21AG1A1252	√	√		√	√
8	21AG1A1263	√	√	√	√	√
9	21AG1A1265	√	√	√	√	√


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DEPARTMENT OF INFORMATION TECHNOLOGY

29-03-2025

Circular

Some of students of II and III year –I sem got low percentage in Midterm-1 examinations. After having conducted a meeting with concerned faculty, it has been decided to conduct bridge course for slow learner students from **01-04-2025 to 05-04-2025** in order to improve their performance in coming midterm examinations and final examination. The list of bridge course for slow learner is attached with the notice

This is for your kind information and due compliance


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Ankushapur , Ghatkesar , Medchal, Hyderabad-501301

DEPARTMENT OF INFORMATION TECHNOLOGY

BRIDGE COURSE (slow learner)

Year	day	subject
2-2	1/04/2025	DISCRETE MATHEMATICS
2-2	2/04/2025	BEFA
2-2	3/04/2025	OPERATING SYSTEM
2-2	4/04/2025	DATA BASE MANAGEMENT SYSTEM
2-2	5/04/2025	JAVA PROGRAMMING

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DEPARTMENT OF INFORMATION TECHNOLOGY

TOPIC COVERED FOR SLOW LEARNER YEAR II-II

Year	subject	Topics covered
2-2	DISCRETE MATHEMATICS	➤ MATHEMATICAL LOGIC, SET THEORY ➤ ALGEBRAIC STRUCTURES ➤ GRAPH THEORY
2-2	BEFA	➤ BUSINESS AND ECONOMICS ➤ DEMAND AND SUPPLY ANALYSIS ➤ FINANCIAL ACCOUNTING
2-2	OPERATING SYSTEM	➤ CPU SCHEDULING ➤ PROCESS MANAGEMENT ➤ IPC MECHANISMS
2-2	DATA BASE MANAGEMENT SYSTEM	➤ DATA BASE DESIGN ➤ RELATIONAL MODELS ➤ TRANSACTION MANAGEMENT
2-2	JAVA PROGRAMMING	➤ OOPS ➤ EXCEPTION HANDLING ➤ MULTITHREADING ➤ EVENTS HANDLING

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DEPARTMENT OF INFORMATION TECHNOLOGY

ATTENDANCE FOR SLOW LEARNER YEAR II-II

S.NO	STUDENT ROLL NO	1/04/25	2/04/25	3/04/25	4/04/25	5/04/25
1	23AG1A1259	√	√	√	√	√
2	23AG1A1212			√		
3	23AG1A1225			√		
4	23AG1A1204				√	√
5	23AG1A1209				√	
6	23AG1A1210				√	√
7	23AG1A1219				√	
8	23AG1A1254				√	
9	23AG1A1206					√
10	23AG1A1208					√
11	23AG1A1211					√
12	23AG1A1212					√
13	23AG1A1223					√


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DEPARTMENT OF INFORMATION TECHNOLOGY

29-05-2025

Circular

Some of students of I and IV year –II Sem got low percentage in Midterm-1 examinations. After having conducted a meeting with concerned faculty, it has been decided to conduct bridge course for slow learner students from **02-06-2025 to 04-06-2025** in order to improve their performance in coming midterm examinations and final examination. The list of bridge course for slow learner is attached with the notice

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DEPARTMENT OF INFORMATION TECHNOLOGY

BRIDGE COURSE (slow learner)

Year	day	subject
1-2	02/06/2025	ORDINARY DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS
1-2	03/06/2025	APPLIED PYHSICS

Year	day	subject
4-2	02/06/2025	ORGANISATIONAL BEHAVIOUR
4-2	03/06/2025	DISTUBUTED SYSTEMS
4-2	04/06/2025	NCSE


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DEPARTMENT OF INFORMATION TECHNOLOGY

TOPIC COVERED FOR SLOW LEARNER YEAR I-1

Year	subject	Topics covered
1-2	ORDINARY DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS	➤ FIRST ORDER ODE ➤ LAPLACE TRANSFORMS ➤ VECTOR CALCULAS ➤ VECTOR INTEGRATION
1-2	APPLIED PYHSICS	➤ QUANTUM PHYSICS ➤ SEMI CONDUCTORS ➤ NANO TECHNOLOGY

TOPIC COVERED FOR SLOW LEARNER YEAR IV-1

Year	subject	Topics covered
4-2	ORGANISATIONAL BEHAVIOUR	➤ INDIVIDUAL BEHAVIOUR ➤ GROUP BEHAVIOUR ➤ LEADERSHIP AND POWER
4-2	DISTUBUTED SYSTEMS	➤ SYSTEM MODELS ➤ OPERATING SYSTEM SUPPORT ➤ DISTRUBUTED TRANSACTIONS
4-2	NCSE	➤ SOURCES OF ENERGY ➤ RENEWEBLE ENERGY

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DEPARTMENT OF INFORMATION TECHNOLOGY

ATTENDANCE FOR SLOW LEARNER YEAR I-II

S.NO	STUDENT ROLL NO	02/06/25	03/06/25
1	24AG1A1227	√	
2	24AG1A1216		√

ATTENDANCE FOR SLOW LEARNER YEAR IV-II

S.NO	STUDENT ROLL NO	02/06/25	03/06/25	04/06/25
1	21AG1A1219	√	√	√
2	21AG1A1231	√	√	√
3	21AG1A1232	√	√	√
4	21AG1A1236	√	√	√
5	21AG1A1247	√	√	√
6	21AG1A1249	√	√	
7	21AG1A1252	√	√	√
8	21AG1A1254	√	√	
9	21AG1A1263	√	√	√
10	21AG1A1265	√	√	√
11	22AG5A1203	√	√	√
12	22AG5A1204	√	√	√
13	21AG1A1227			√


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