PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad)
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JNTUH Code(6M) CIVIL-EEE-ECE-CSE-CSE(AI&ML)-CSE(DS)-CSE(CS) EAMCET Code- PETW

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

C) Problem Solving Methodologies

I) Quiz Programs

II) Tutorials

III) Problem Solving Classes

IV) Case Studies

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C) Problem Solving Methodologies

I) Quiz Programs

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Academic Year: 2021-22

Department of Computer Science and Engineering

B.Tech Year/Semester: II/I

Report on Quiz Program on "**COMPUTER ORGANIZATION& OPERATING SYSTEM** "

Subject Name: COMPUTER ORGANIZATION& OPERATING SYSTEM
Subject Code: CS304PC **Section:** CSE A
Timings: 10.20 A.M to 11. 20 A.M **Date:** 08/04/2022

Mrs. I Swapna, Assist. Prof. has conducted a Quiz Program on "COMPUTER ORGANIZATION& OPERATING SYSTEM" for II year students. 52 members have participated in the event. This program was organized under the guidance of Dr. Arul Dalton, HOD, Computer Science and Engineering. The total strength was divided into 6 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty and then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.

HOD

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The Question paper

1. Identify the output device
   A) Scanner.
   B)Keyboard
   C)Joy Stick
   D) Plotter

2. To Design a common bus system for 8 registers of 16-bits each, how many Multiplexers are required?
   A)8 MUXs
   B) 12 MUXs
   C) 16 MUXs
   D) 4 MUXs

3. The Complement of decimal number 85 is _____
   A)84
   B) 15
   C) 14
   D) 16

4. The memory word that holds the address of the operand in an indirect address instruction is used as a _____ to an array of data
   A) variable
   B) Expression
   C) Pointer
   D) None

5. The Memory Address Register(AR) and Program Counter(PC) has _____ bits
   A)8
   B) 12
   C) 16
   D) 24

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6. The Multiplication operation is implemented with a sequence of _____ and _____ Micro operations

A) Add & Shift
B) Shift & Complement
C) Subtract & Shift
D) None

7. A Mapping Procedure is a rule that transforms the instruction code into a_____
A) Control Memory Address
B) Memory Address
C) Register Memory Address
D) Direct Memory Address

8. _____ Computers that combine the features of vector processing with floating point.
A) Normal
B) Super
C) One bit
D) Memory

9. A floating –point number in computer register consists of _____ parts.
A) Mantissa
B) Exponent
C) Both a & b
D) None

10. Stack is a storage device that stores information in _____ manner.
A) LIFO
B) FIFO
C) Round Robin
D) None

11. Determining common sub expression can be done using _____.
A. Compiler
B. Interpreter
C. DAG
D. Parse Tree

12. One of the following is an object code form.
A. Absolute machine language
B. Re-locatable machine code
C. Assembly language
D. Above ALL

13. The statement of the form a = b is called a _____ Statement.
A. Common
B. Copy
C. Induction Variable
D. Decode

14. To check whether a variable is exactly defined once or not is a _____ check.
    A. uniqueness check
    B. Flow of control check
    C. name check
    D. Above ALL

15. A symbol is said to be _____ if it has different meaning depending on its context or use.
    A. Override
    B. overloaded
    C. Overwrite
    D. None

16._____ is a Data structure, which is used by compiler to keep track of information.

    A. Lexical Analyzer
    B. Symbol Table
    C. Semantic Table
    D. Semantic Analyzer

17. The storage strategy in which activation record is maintained even after the execution of a procedure is completed.
    A. Stack allocation
    B. Heap allocation
    C. Static allocation
    D. Dynamic allocation

18. An optimized compiler can perform _____.
    A. Optimize the code
    B. Occupy less space
    C. to take less time for execution
    D. Above ALL

19. Machine independent optimization is.
    A. Register allocation
    B. Frequency reduction
    C. Data intermixed with instructions
    D. None

20. In DAG the interior nodes are labeled with.
    A. Number in BFS
    B. Special colors
    C. Identifiers
    D. Number in BFS

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Quiz Nominal Roll

SI.No	Hall ticket Number	Name of the student
1	206M1A0501	BASWAPURAM AKHILA
2	206M1A0502	PIDUGU RAMYA
3	206M1A0503	M ANUSHA
4	206M1A0504	BELLAM SUPRIYA
5	206M1A0505	MYADARI BHOOMIKA
6	206M1A0506	DUNDI MAYURI
7	206M1A0507	SOMA POOJASRI
8	206M1A0508	AMBATI AKHILA
9	206M1A0509	BALINGARI SAIDIVYA
10	206M1A0510	MANDALA MANI SREEJA
11	206M1A0511	TOKALA KAVYA
12	206M1A0512	PERUMANDLA RUCHITHA
13	206M1A0513	CHITTI DURGA BHAVANI
14	206M1A0514	BELLAMKONDA MEGHANA
15	206M1A0515	BORIGAM MANASA
16	206M1A0516	KOPPALA DIVYAVANI
17	206M1A0517	KASAM SRIJA
18	206M1A0518	KARAMTOD AKHILA
19	206M1A0519	GUNDAGANI MAHASRI
20	206M1A0520	ENUGA GOUTHAMI
21	206M1A0521	SEESA VAISHNAVI
22	206M1A0522	VANGALAPUDI YESURATNAM
23	206M1A0523	VENNA TEJASWINI
24	206M1A0524	A SAMPURNA
25	206M1A0525	KALISETTY VARSHA PRIYANKA
26	206M1A0526	BEESA SHIVANI
27	206M1A0527	SANTHOSHAM SAMATHA

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28	206M1A0528	NUNE KAVYA SREE
29	206M1A0529	GANGI POOJA
30	206M1A0530	MAHESHWARAM BHAVANA
31	206M1A0531	KAMMARI AKHILA
32	206M1A0532	BEJJANKI AKHILA
33	206M1A0533	CHINDAM KALYANI
34	206M1A0534	B SREELATHA
35	206M1A0535	DHARAMSOTH MAHESHWARI
36	206M1A0536	GUNDAGANI MANEESHA
37	206M1A0537	SODE SUSMITHA
38	206M1A0538	P JOSHNA
39	206M1A0539	PERUMANDLA AKHILA
40	206M1A0540	DADI RAMYA
41	206M1A0541	VAGGU BHAGYA
42	206M1A0542	DYAVARAMPALLY POOJA
43	206M1A0543	BHUKYA VYSHALI
44	206M1A0544	JINNA SPANDANA
45	206M1A0545	RAMAVATH HIMABINDU
46	206M1A0546	SUPPA SRAVANI
47	206M1A0547	CHINTALA ANUSHA
48	206M1A0548	KOTAGIRI SAI SREEJA
49	206M1A0549	RASHMITHA MALLIK
50	206M1A0550	KATKURI BHAVANI
51	206M1A0551	RENUKA SABHAVATH
52	206M1A0552	LUNAVATH GOUTHAMI
53	206M1A0553	PEETHANI USHA RANI
54	206M1A0554	AMBATI KALYANI
55	206M1A0555	VALLURI KAVERI
56	206M1A0556	BALAMKUNDU RAJITHA
57	206M1A0557	MOUTHIKURI SAI PRIYA
58	206M1A0558	KOSHKOLLU DIVYA
59	206M1A0559	CHINTHAKUNTA SHARANYA
60	206M1A0560	GAIKADI PRIYANKA

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Quiz Groups

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Group-A		
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4	206M1A0504	BELLAM SUPRIYA
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9	206M1A0509	BALINGARI SAIDIVYA
10	206M1A0510	MANDALA MANI SREEJA
Group-B		
1	206M1A0511	TOKALA KAVYA
2	206M1A0512	PERUMANDLA RUCHITHA
3	206M1A0513	CHITTI DURGA BHAVANI
4	206M1A0514	BELLAMKONDA MEGHANA
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8	206M1A0518	KARAMTOD AKHILA
9	206M1A0519	GUNDAGANI MAHASRI
10	206M1A0520	ENUGA GOUTHAMI
Group-C		
1	206M1A0521	SEESA VAISHNAVI
2	206M1A0522	VANGALAPUDI YESURATNAM
3	206M1A0523	VENNA TEJASWINI
4	206M1A0524	A SAMPURNA
5	206M1A0525	KALISETTY VARSHA PRIYANKA

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7	206M1A0527	SANTHOSHAM SAMATHA
8	206M1A0528	NUNE KAVYA SREE
9	206M1A0529	GANGI POOJA
10	206M1A0530	MAHESHWARAM BHAVANA
Group-D		
1	206M1A0531	KAMMARI AKHILA
2	206M1A0532	BEJJANKI AKHILA
3	206M1A0533	CHINDAM KALYANI
4	206M1A0534	B SREELATHA
5	206M1A0535	DHARAMSOTH MAHESHWARI
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8	206M1A0538	P JOSHNA
9	206M1A0539	PERUMANDLA AKHILA
10	206M1A0540	DADI RAMYA
Group-E		
1	206M1A0541	VAGGU BHAGYA
2	206M1A0542	DYAVARAMPALLY POOJA
3	206M1A0543	BHUKYA VYSHALI
4	206M1A0544	JINNA SPANDANA
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9	206M1A0549	RASHMITHA MALLIK
10	206M1A0550	KATKURI BHAVANI
Group-F		
1	206M1A0551	RENUKA SABHAVATH
2	206M1A0552	LUNAVATH GOUTHAMI
3	206M1A0553	PEETHANI USHA RANI
4	206M1A0554	AMBATI KALYANI
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7	206M1A0557	MOUTHIKURI SAI PRIYA
8	206M1A0558	KOSHKOLLU DIVYA
9	206M1A0559	CHINTHAKUNTA SHARANYA
10	206M1A0560	GAIKADI PRIYANKA

Result:
After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD. Winner was Group E.

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Academic Year: 2021-22

Department of Electronics and Communication Engineering

B.Tech Year/Semester: III/I

Report on Quiz Program on "**Digital Signal Processing**"

Subject Name: Digital Signal Processing
Subject Code: EC602PC **Section:**
Timings: 10.20 A.M to 11. 20 A.M **Date:** 20/08/2022

Mrs. V Jyothi, Assist. Prof. has conducted a Quiz Program on "Digital Signal Processing" for III year students. 55 members have participated in the event. This program was organized under the guidance of Mrs. N Vidya, HOD, Electronics and Communication Engineering. The total strength was divided into 6 groups. The event was started by introducing about the Quiz program and giving instructions to the students, by the concern faculty and then he started asking questions the students who knows the answer are giving answers.

Students are actively participated the program and they exposed to learn more beyond the subject. They are showing interest to attend this type of programs in our institution. They get motivated by the faculty to participate such programs.

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The Question paper

1. Find the convolutions of the two signals x (n) = {3, 2, 1, 2} h (n) = {1, 2, 1, 2} is
   A) y(n) = {3,8,8,12,9,4,4}
   B) y(n) = {3,8,8,12,4,4,2}
   C) y(n) = {3,8,12,9,4,4}
   D) y(n) = {3,8,8,1,1,4}

2.The following is the property of discrete Fourier series
   A) Linearity
   B) Time shifting
   C) convolution
   D) All

3.If a signal satisfies x(N+n) = x(n) for all n, then the signal is
   A) periodic
   B) non periodic
   C) Symmetric
   D) Asymmetric

4. For a causal LTI system to be stable, all the poles of H (Z) must lie …… in the Z-plane.
   A) inside the unit circle
   B) either a or b
   C) outside the unit circle
   D) none of the above

5. For a causal LTI system to be stable, all the poles of H(Z) must lie …… in the Z-plane.
   A) inside the unit circle
   B) outside the unit circle
   C) either a or b
   D) none of the above

6.The basic elements used to construct the block diagram of discrete time system are
   A) Adder, multiplier
   B) Only adders
   C) Adder, delay element
   D) Adder, multiplier & delay element

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7.The number of complex additions of direct DFT is

A) N
B) N(N-1)
C) N(N+1)
D) N^2

8.Any discrete time signal can be expressed as a summation of

A)Step
B)Ramp
C)Exponential
D)Impulses

9. Identify the dynamic system

A) $y(n) = ax^2(n)$
B) $y(n) = ax(n)$
C) $y(n) = ax^2(n) + x(n)$
D) $y(n) = x(n)+x(n-1)$

10. The causal system H(Z) is stable if

A) Z = 2
B) Z = ½
C) Z = 3
D) Z = ¾

11. Which of the following generates clock signal for processor /controller

A) Watch dog timer
B) Brown out protection circuit
C) Oscillator unit
D) Real time clock

12. An assembly language program line consists of ……..

A) LABEL
B) OPCODE
C) OPERAND
D) ALL OF THE ABOVE

13. Which of the following is the RTOS system resource?

A) Windows CE
B) VX Works
C) Symbian
D) All the above

14. ……. is used to give instructions to the processor.

A) LABEL
B) OPCODE
C) OPERAND
D) NONE OF THE ABOVE

15. Which of the following is the RTOS system resource?

A) Windows CE
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16. The process of executing multiple processes simultaneously is called
    A)Multitasking
    B) Multiprocessing
    C) Multi scheduling
    D) Multithreading

17. In which multitasking , the task executes until it gets terminated or enters in wait state for i/o
    A) Preemptive
    B) Cooperative
    C) Non-preemptive
    D) Scheduling

18. Process synchronization in IPC plays a major role in ……..type of communication
    A) Digital
    B) Inter process
    C) Intra modular
    D) None

19. Which of the following is used for handling priority inversion
    A) Priority inheritance
    B) Priority inversion
    C) Priority resource
    D) Priority ceiling

20. What type of data Is stored in stack memory
    A) Code data
    B) Global data
    C) Temporary data
    D) Permanent data

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Subject Code: EC602PC **Section:**
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Quiz Nominal Roll

SI.NO	**Name of the student**	**Hall ticket Number**
1	CHATLA PRASANNA	186M1A0403
2	GUNDA MOUNIKA	196M1A0401
3	BUSHIGAMPALA SRAVANI	196M1A0402
4	CHEPURI HARASMITHA	196M1A0403
5	MUSHINI VENNELA SRI	196M1A0404
6	KARANDE PRATHYUSHA	196M1A0405
7	KONGANDLA MOUNIKA	196M1A0406
8	KALUVA VINNI	196M1A0407
9	MUDAVATH MAMATHA	196M1A0408
10	MARAPELLI ANUSHA	196M1A0409
11	GANAPAKA SHIREESHA	196M1A0410
12	CHINNAVEERANNAGARI MANASA	196M1A0411
13	VALLAKONDA HINDU	196M1A0412
14	THANDRA KAVYA	196M1A0413
15	TIKKA DIVYA	196M1A0414
16	AVUNURI VAISHNAVI	196M1A0415
17	DASARI ANUSHA	196M1A0416
18	ROKATI DHARANI	196M1A0417
19	CHEPURI AMRUTHA	196M1A0418
20	GUGULOTHU ANITHA	196M1A0419
21	MALLAKEDI TEJASWINI	196M1A0420
22	CHATAMONI AKHILA	196M1A0421
23	GANGARAPU SAMSKRUTHA	196M1A0422

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24	KANDIKA AMULYA	196M1A0423
25	CHIRRA PRATHIBHA	196M1A0424
26	MOORA MOUNIKA	196M1A0425
27	BUKYA ROSHINI	196M1A0426
28	KETHAVATH PRIYANKA	196M1A0427
29	SRIRAM AKHILA	196M1A0428
30	DASANA DIVYA	196M1A0429
31	SINGARAPU USHA	196M1A0430
32	KOMMU RAVEENA	196M1A0431
33	GANGUMALLA SRAVANTHI	196M1A0432
34	ARROJU BHAVANI	196M1A0433
35	VADDI SAI HARSHITHA	196M1A0434
36	CHAMMAKURA SUSHMITHA	196M1A0435
37	T MALLISHWARI	196M1A0436
38	MENDA SANDHYA	196M1A0437
39	PASULA GAYTHRI	196M1A0438
40	P SOWMYA	196M1A0439
41	TATIKONDA SAGARIKA	196M1A0440
42	NAREDLA PRANAVI	196M1A0441
43	DAREDDY PAVANI	196M1A0442
44	GADDALA AKANKSHA	196M1A0443
45	AUDAGIRI SUPRIYA	196M1A0444
46	THELLAPELLI LAKSHMI PRASANNA	206M5A0401
47	GORRE SHARANYA	206M5A0402
48	PISARI AKSHAYA	206M5A0403
49	JONDHALE KIRAN	206M5A0404
50	KOTHAKONDA RISHITHA	206M5A0405
51	TUNIKI ALEKHYA	206M5A0406
52	DUDDU UMA	206M5A0407
53	BEJJANABOYINA RADHIKA	206M5A0408
54	ADAPA SHRAVYA	206M5A0409

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Academic Year: 2021-22

Department of Electronics and Communication Engineering

B.Tech Year/Semester: III/I

Report on Quiz Program on "**Digital Signal Processing**"

Subject Name: Digital Signal Processing
Subject Code: EC602PC **Section:**
Timings: 10.20 A.M to 11. 20 A.M **Date:** 20/08/2022

Quiz Groups

SI.NO	**Name of the student**	**Hall ticket Number**
Group-A		
1	CHATLA PRASANNA	186M1A0403
2	GUNDA MOUNIKA	196M1A0401
3	BUSHIGAMPALA SRAVANI	196M1A0402
4	CHEPURI HARASMITHA	196M1A0403
5	MUSHINI VENNELA SRI	196M1A0404
6	KARANDE PRATHYUSHA	196M1A0405
7	KONGANDLA MOUNIKA	196M1A0406
8	KALUVA VINNI	196M1A0407
9	MUDAVATH MAMATHA	196M1A0408
Group-B		
1	MARAPELLI ANUSHA	196M1A0409
2	GANAPAKA SHIREESHA	196M1A0410
3	CHINNAVEERANNAGARI MANASA	196M1A0411
4	VALLAKONDA HINDU	196M1A0412
5	THANDRA KAVYA	196M1A0413
6	TIKKA DIVYA	196M1A0414
7	AVUNURI VAISHNAVI	196M1A0415
8	DASARI ANUSHA	196M1A0416
9	ROKATI DHARANI	196M1A0417

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Group-C		
1	CHEPURI AMRUTHA	196M1A0418
2	GUGULOTHU ANITHA	196M1A0419
3	MALLAKEDI TEJASWINI	196M1A0420
4	CHATAMONI AKHILA	196M1A0421
5	GANGARAPU SAMSKRUTHA	196M1A0422
6	KANDIKA AMULYA	196M1A0423
7	CHIRRA PRATHIBHA	196M1A0424
8	MOORA MOUNIKA	196M1A0425
9	BUKYA ROSHINI	196M1A0426
Group-D		
1	KETHAVATH PRIYANKA	196M1A0427
2	SRIRAM AKHILA	196M1A0428
3	DASANA DIVYA	196M1A0429
4	SINGARAPU USHA	196M1A0430
5	KOMMU RAVEENA	196M1A0431
6	GANGUMALLA SRAVANTHI	196M1A0432
7	ARROJU BHAVANI	196M1A0433
8	VADDI SAI HARSHITHA	196M1A0434
9	CHAMMAKURA SUSHMITHA	196M1A0435
Group-E		
1	T MALLISHWARI	196M1A0436
2	MENDA SANDHYA	196M1A0437
3	PASULA GAYTHRI	196M1A0438
4	P SOWMYA	196M1A0439
5	TATIKONDA SAGARIKA	196M1A0440
6	NAREDLA PRANAVI	196M1A0441
7	DAREDDY PAVANI	196M1A0442
8	GADDALA AKANKSHA	196M1A0443
9	AUDAGIRI SUPRIYA	196M1A0444
Group-F		
1	THELLAPELLI LAKSHMI PRASANNA	206M5A0401
2	GORRE SHARANYA	206M5A0402
3	PISARI AKSHAYA	206M5A0403
4	JONDHALE KIRAN	206M5A0404
5	KOTHAKONDA RISHITHA	206M5A0405

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6	TUNIKI ALEKHYA	206M5A0406
7	DUDDU UMA	206M5A0407
8	BEJJANABOYINA RADHIKA	206M5A0408
9	ADAPA SHRAVYA	206M5A0409

Result:
After the analysis of student's performance in Quiz program as listed above, the winner was announced by HOD. Winner was Group E.

HOD

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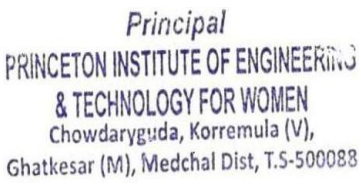

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

C) Problem Solving Methodologies

I) Quiz Programs

II) Tutorials

III) Problem Solving Classes

IV) Case Studies

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

C) Problem Solving Methodologies

II) Tutorials

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01/11/2021

Circular

This is informing that all the Heads of the Department should maintain the Academic Course file and same should be submit at the time of IQAC Audit. In that as per JNTUH indication 4-credit course must have its tutorial session. It should be reflect in the time table. Two class rooms need to be allocated and divide the two batches of each class students.

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Photo Electrics Effect

⇒ The Emission of the electron from a metal plate when it is illuminated by a light (or) any other radiation of a suitable wavelength (or) frequency is called photo electric effect.

⇒ The Emitted electrons are called photo electrons and this photo electric effect the apparatus consists of 2 photo senstivity surfaces that is A and B is enclosed with evaurated quartz bulb the plate 'A' is connected to the -ve terminal of potential deviser while the plate B is connected to the +ve terminal through the galvanometer (or) micrometer.

⇒ In the absence of any light, there is a no flows of the current and hence there is no direction in the galvanometer (or) micrometer but when monarmatic light is allowed to falls on a plate 'A' current starts flowing in the circuit which is indicated by galvanometer the current is known as photo current these shows that when a light falls on the metals surface the electrons are effected.

⇒ The No. of the effected electrons and there kinetic energy depends upon following factors.

1. The effective of potential difference between electrodes i.e, difference plate A and B.

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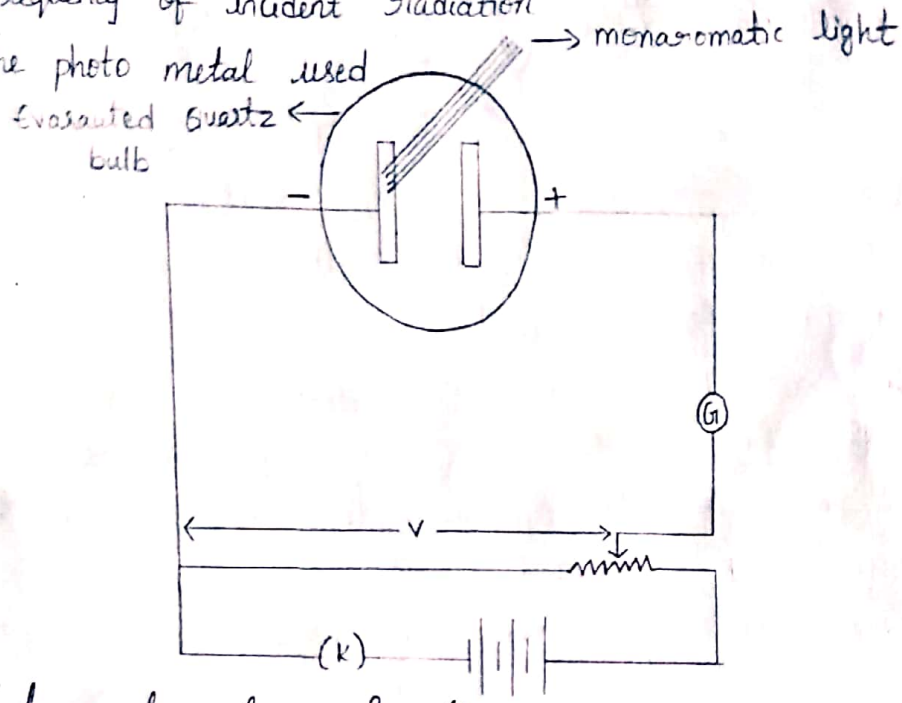
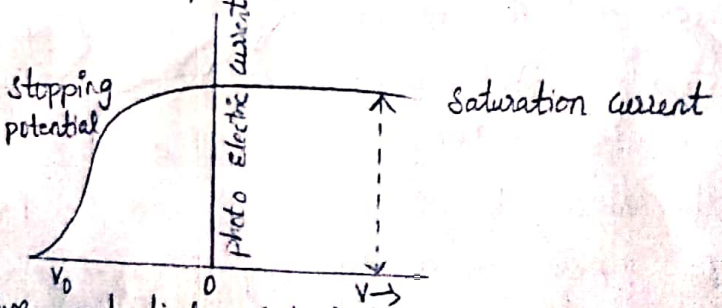
2. Intensity of incident radiation
3. frequency of incident radiation
4. The photo metal used



Characteristics of Photo Electric Effect

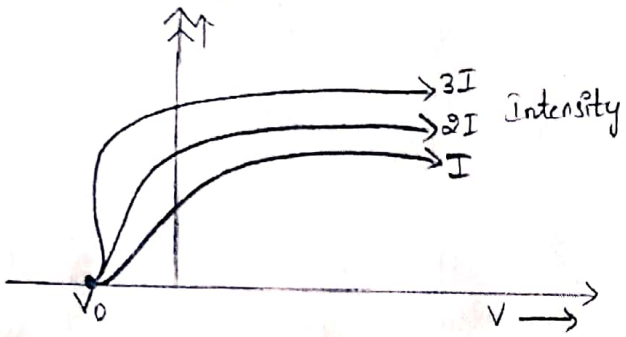
1. The Effective of Photontial Difference:

⇒ for a given photo metallic substance of Intensity and frequency of incident radiation is constant.
⇒ Let us consider the effective of potential difference between 2 plates.



⇒ The negative potential plate 'B' is but with photoelectric current become zero called cut off potential (or) Stepping potential.

Effect of Intensity of Incident radiation



⇒ The above graph is photo electric current as a function of the potential difference of the two plates and different intensity of incident radiation.

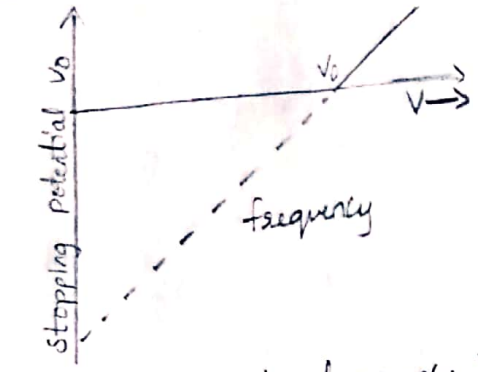
⇒ The intensity of incident radiation is increases from I to 2I this experiment repeated same then the photo electric current is increases at same ratio of the positive value of V.

⇒ V is negative the photo electric current decreases and it is reached at shopping? of incident radiation.

⇒ Saturational current is directly proportional to the intensity of incident radiation.

The Effect of the frequency of Incident radiation

⇒ Consider the effect of frequency of incident radiation keeping the same emitting surface and some intensity of incident radiation.



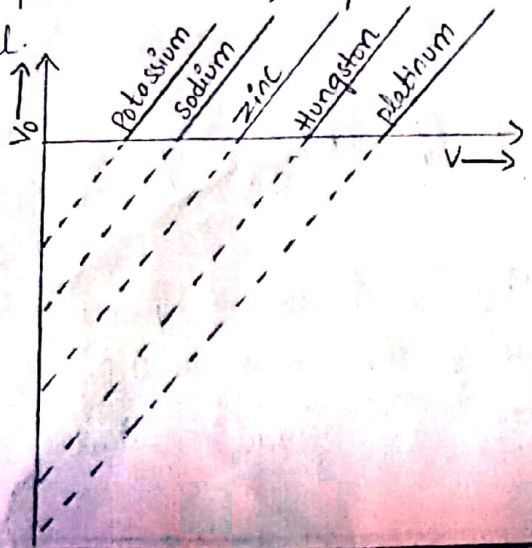
⇒ The graph show that at frequency 'V_0' the stopping potential is zero the frequency 'V_0' is know threshold frequency.

⇒ Wavelength corresponding to threshold frequency we called threshold wave length.

Effect of Photometal:

⇒ it is clear from the graph that all the lines have the same slope but their interaction with frequency axis are different.

⇒ Thus we conclude that the threshold frequency is function of photometal i.e, depends on the natural of photometal.



Types of Semiconductor :-

(i) Intenstic Semiconductor

(ii) Extenstic Semiconductor

Intensic Semiconductor :-

A Semiconductor is a extremely pure form are called has a intensic Semiconductors.

Ex:- Germenium, silicon

⇒ This Semiconductors passes the pure Conductivity? the Elements and Compounds Semiconductors can be intensic type.

⇒ The energy gap is the energy gap of Semiconductors is very small.

⇒ So at the room temperature Some of the electrons Jump from valency bond to Conduction bond.

⇒ The Jumping of electrons in Conduction bond added on Conduction electron and it is Executes a hole in valency bond. This process is called has generation. of an electron holds pares.

⇒ In pure Semi- conductors the number of electrons in Conduction bond and holds in valency bond are Equal.

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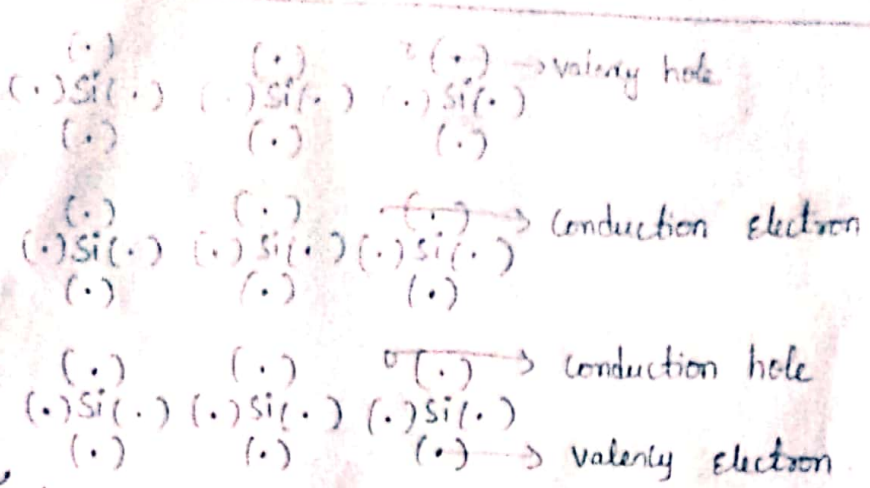


Extensic Semiconductors :-

The impurities add to the intensic Semi-Conductors are called extensic Semi-Conductors it is obtained by doping in intensic with impurity of atoms.

⇒ Based on impurities there are classified into 2 types.

(i) 'n' type of Semi-Conductors.

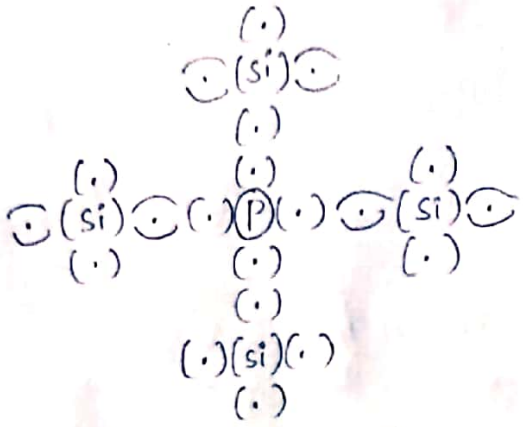
(ii) 'p' type of Semi-Conductors

'n' Type of Semiconductors :-

⇒ 'n' type of Semi Conductors is obtained by adding a penta valent impurity atoms like phosparus (P), arsenic (As), Antimony (Sb)

⇒ '5' valency electrons of the impurity atoms bond are '4' valency electrons of the Semi-Conductor remaining one impurity atom is become free electron.

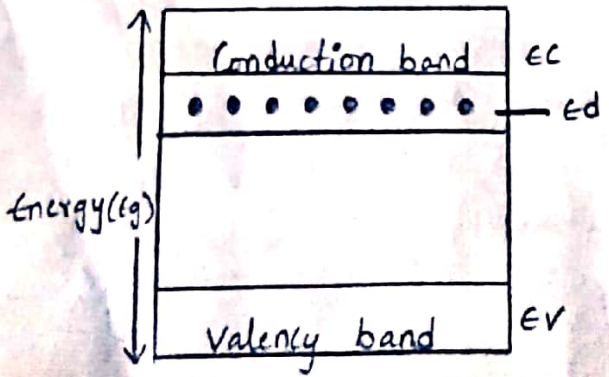
=> So this four electron is exist to the conduction band on that time electrons are produced in conduction band and no holes created at valency band.



Therefore the majority charge carious in 'n' type of Semiconductors is electron & minority charge carious holes.

=> In this one impurity atom is denotes one electron hence are also known as donar Semiconductor.

=> In this donar energy level is closed to the conduction band and far away from the valency band.



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'P' Type of Semiconductors :-

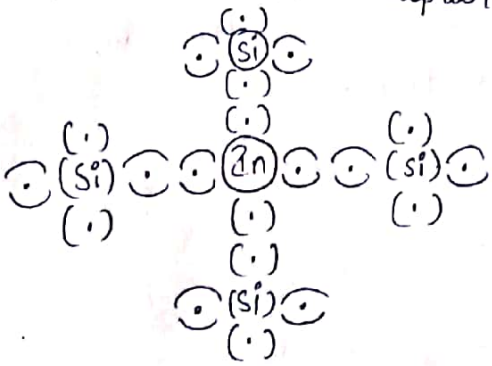
=> P-type of Semiconductor is obtained by adding trivalent impurities atom like boron (B), Gralium, Indium (In).

=> The 3 valency electron of the impurity atom bond with three valency electron of Semiconductor atom on that time one position of the impurity atom remains vacant this is called hole.

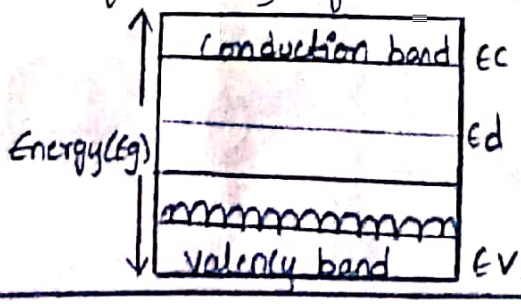
=> This holes are going into the valency band

=> Therefore the majority charge carries of p-type of Semiconductors is holes and minority charge carries are electrons.

=> In this impurities atom can accept the electrons so this is also known acceptor type Semiconductors.



=> In this accepted energy level closed to the valency band and far away from conduction band.

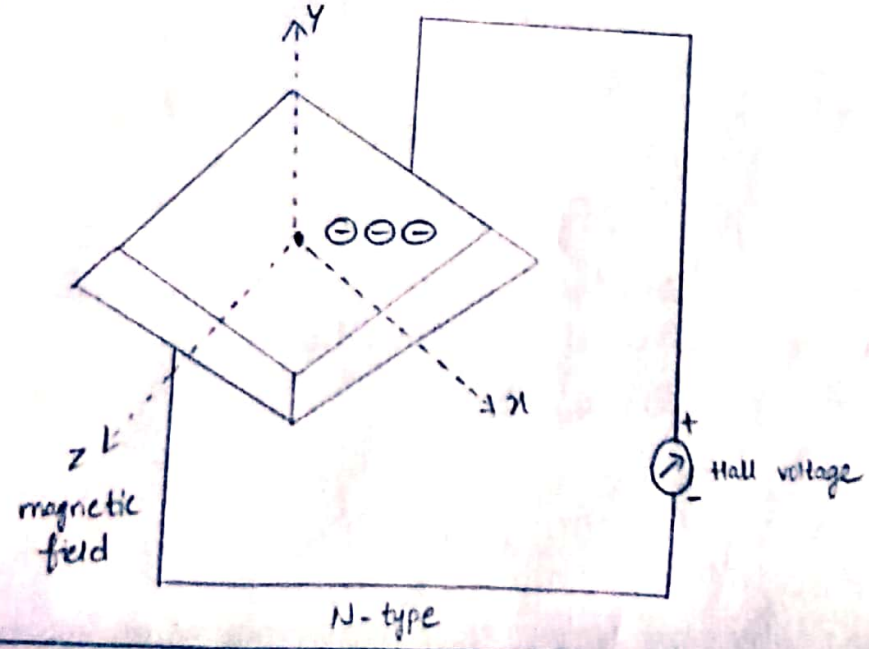


Hall Effect :-

⇒ According to Hall effect, when magnetic field is applied perpendicularly to a current carrying conductor (or) semiconductor a voltage 'e' is developed in the direction it perpendicular to both the current and the magnetic field. the developed voltage is called Hall voltage (V_{Ht}) and this phenomenal is called Hall Effect.

Hall Effect in n-type Semiconductors :

⇒ Let us consider an n-type material to which the current is allowed to pass along x-direction from left to right & magnetic field is applied in z-direction as a result Hall voltage is produced in y-direction.



⇒ Since the direction of current in from left to right the electrons move from right to left in x-direction

⇒ Now due to the magnetic field applied the electrons move towards down ward direction with the velocity 'v' and cause the negative charge to accumulate at face ① of the material.

⇒ Therefore a potential difference is established between face ② and face ① of the in the negative 'y' direction

⇒ Hence, the force due to potential difference $= -eE_H \rightarrow ①$

⇒ Force due to magnetic field $= -Bev \rightarrow ②$

∴ At Equilibrium $E_q ① = E_q ②$

$$-eE_H = +Bev$$

$$\boxed{\therefore E_H = Bv} \rightarrow ③$$

⇒ we know the current & density J_x in the x-direction

$$J_x = -n_e ev$$

$$v = \frac{-J_x}{n_e e} \rightarrow ④$$

∴ Sub $E_q ④$ in $E_q ③$

we get $E_H = -\frac{BJ_x}{n_e e}$

$$\boxed{E_H = R_H J_x B}$$

where R_H is known as Hall co-efficient given by $\boxed{R_H = -1/n_e e}$

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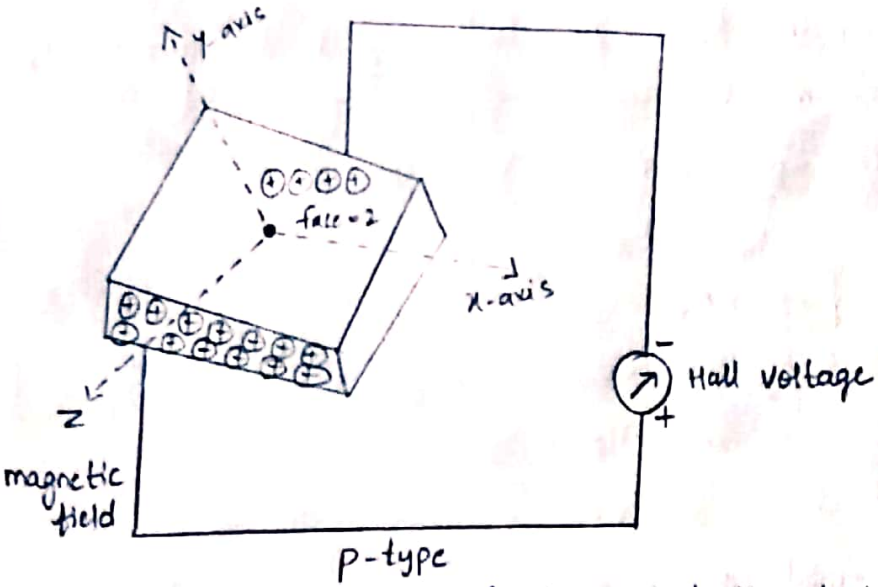
Hall effect in P-Type Semiconductors :-

Let us consider a p-type material for which the current is passed along x-direction from left to right and magnetic field is applied along z-directions. Since the direction of current is from left to right, the holes will also move in the same direction.



Now due to the magnetic field applied the holes move towards the downward direction with velocity (v) and accumulates at the face (1). Therefore a potential difference is established b/w face (1) and (2) in the positive y-direction.

∴ force due to the potential difference = $eE_H \rightarrow ①$

force due to the magnetic field = $Bev \rightarrow ②$

At Equilibrium Eq① = Eq②

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$$e E_H = B e V$$

$$\boxed{E_H = BV} \rightarrow (3)$$

We know current density $J_x = nhev$

$$V = \frac{J_x}{n_h} e \longrightarrow (4)$$

where $n_h \longrightarrow$ hole density

Sub Eq (4) in Eq (3), we get

$$E_H = BJ_x / nhe$$

$$E_H = R_H J_x B$$

$$\boxed{R_H = 1/nhe}$$

where R_H is Hall - Coefficient

Hall Coefficient in terms of Hall Voltage:

If the thickness of the Sample is t and the voltage developed is $V_H = E_H t \longrightarrow (1)$

Now above Eq.... Sub in E_H value then, we get

$$\boxed{V_H = R_H J_x B t} \rightarrow (2)$$

we know current density - $J_x = \frac{I_n}{bt} \longrightarrow (3)$

where b = width of the Sample, I_x = Current

Sub (3) in (2)

$$V_H = \frac{R_H I_x B t}{bt}$$

$$V_H = \frac{R_H I_x B}{b}$$

$$\therefore \text{Hall Coefficient } R_H = \frac{V_H b}{I_x B}$$

Applications of Hall Effect :-

1. it is used to determine whether the material is p-type (or) N-type Semiconductor.
   If R_H is negative then the material is n-type.
   If R_H is +ve than the material p-type.
2. It is used to find the mobility of (large Carrie Ne, Nu).
3. It is used to determine the sign of the current carrying charges.
4. It is used to define the power flow in an Electromagnetic wave.

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SOLAR CELL

→ A solar cell is a optical electronic device

→ A PN Junction diode which is converts solar energy into electrical energy is called solar cell.

→ Here we taken the light is sunlight (or) any other artificial light

Construction:

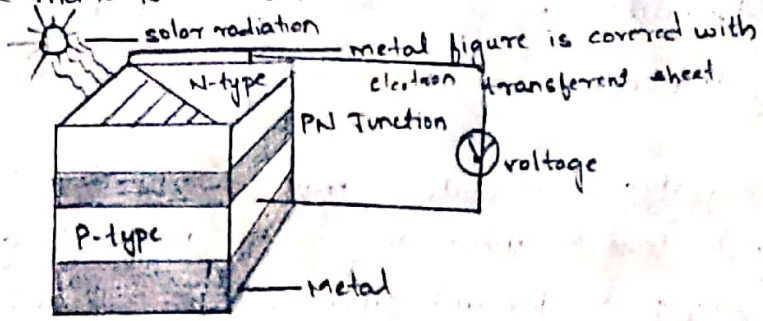
→ PN Junction is one of the essential requirement in this contruction of solar cell.

→ In this PN Junction is constructed by using semiconducting materials such as germanium, silicon, Arsenic etc.,

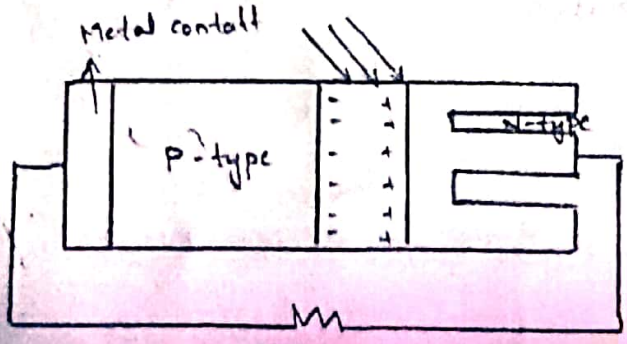
→ In this solarcell we are taken N-type material it should be thin. because when a light is incident on n-type it should be easy to penetrated to the pN Junction and it is arranged top of the Junction.

→ Now in this N-type, a metal finger is placed and in this metal finger is covered with transperent sheet.

and p-type made to contact metal



Working:



→ When the photons of suitable energy are allowed to incident of PN Junction, photons impact sufficient energy to the valance electrons and remove them from their parent atom.

→ Hence, electron - hole pair are generated in both p- region and N- region of the junction.

→ Before e⁻ hole pair generation takes place the electric field that we have given will pull the holes towards p side and e⁻ towards N- side so p- side is called the side N- side as -ve side.

→ as result when electron moves from N- side to +ve side voltage is produced.

Applications of solar cell:

Some of the important applications of solar cells are given below.

1. Solar cell have been and will remain the best choice for providing electrical power used in the operation box sate lites and space vehicles
2. Solar cells are used for domestic power supply in remote villages.
3. These are frequently used in electrification of the health care facilities, irrigation and water supply
4. Many high houses and most buoys are now power by solar cells.
5. Solar cell power stations may be approach in economic viability in location where they assist the local grid during periods of peak demand and obviate the need to construct a new power station.

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CONSTRUCTION AND WORKING OF AVALANCHI DIODE AND THEIR APPLICATIONS

AVALANCHI PHOTO DIODE:

⇒ Avalanchi photo diode (APDs) system are high sensitive, high speed semiconductor light sensor compare to regular pin construction of photo diode.

⇒ The main function of Avalanchi photo diode is which converts the light energy into electric energy.

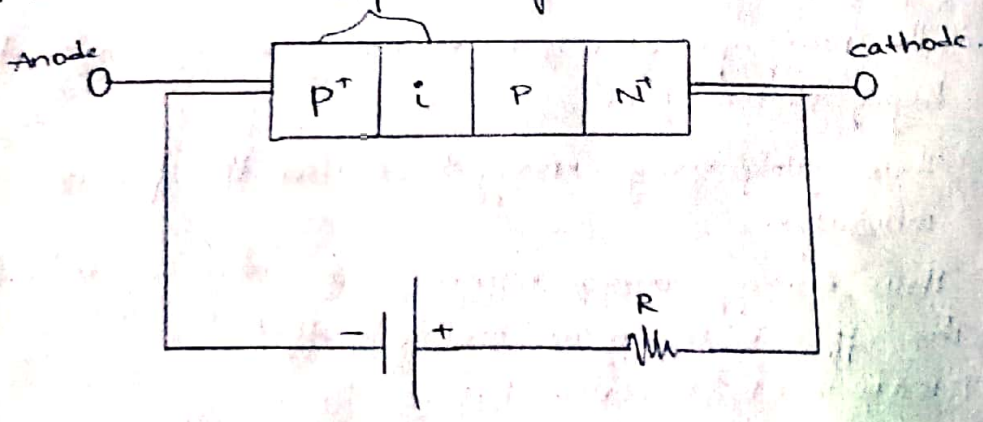
CONSTRUCTION:

⇒ The avalanchi diode is consistance of a four regions that is

P^+, i, P, n^+

⇒ Ware P^+ and n^+ region are heavily doped, because of heavily doped they contain large number of charge carriers are presenting in P^+ and N^+ region and there resistivity is very low. i, P regions are highly doped and resistivity is very high.

⇒ Avalanchi is works on reverse bias in which anod (P^+) is connected to the -ve terminal of the battery and cathod (N^+) is connected to the +ve terminal of the battery.



WORKING OF AVALANCHI PHOTO DIODE:

⇒ An incident light is passes through the P^+ region on that time light should be interacting with charge carriers.

⇒ Later most of the incident light passes into intrinsic region

through the thin P+ region and electron hole pairs are created in the intrinsic region.

⇒ Because of reverse bias 'i' region should be selected. that region we also called as depletion region.

⇒ the generation of e⁻ hole pairs are experienced at very high electric field, due to the reverse bias

⇒ Due to the high electric field electrons moves towards of the P region and holes move towards of the 'n' region.

⇒ Here electrons moves into the P region where electrons are accelerated due to high electric field in P+ and PN Junction. Here P and P+ regions also experienced in high electric field. so, we can get the sufficient energy which generates the secondary electrons in this path.

⇒ Highly electrons will generates the secondary electrons.

⇒ Secondary electrons also have in the kinetic energy which generates the one more pair of electrons and holes.

⇒ The generation of more no. of the electrons and holes pairs are called impact ionization.

⇒ The newly generated carriers are also accelerated by the highly electric field

⇒ Thus, gainly enough energy to caused the further impact ionization.

⇒ Thus energy carriers number are increases in exponentially.

⇒ This effect is known as Avalanche effect.

APPLICATIONS OF AVALANCHE PHOTO DIODE:

⇒ Data Transmachine (over fiber or through free space)

⇒ Range finding

⇒ High speed Intersatral inception (including colour measurement)

⇒ Distance measurement.

⇒ Various medical and scientific instruments.

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2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

C) Problem Solving Methodologies

I) Quiz Programs

II) Tutorials

III) Problem Solving Classes

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JNTUH Code(6M) CIVIL-EEE-ECE-CSE-CSE(AI&ML)-CSE(DS)-CSE(CS) EAMCET Code- PETW

Academic Year: 2021-22

Department of Computer Science and Engineering

B.Tech Year/Semester: I/I

Subject Name: Programming for Problem Solving
Subject Code: CS203ES **Section:** CSE B
Timings: 01:50 P.M to 04:00 P.M **Date:** 02/02/2021

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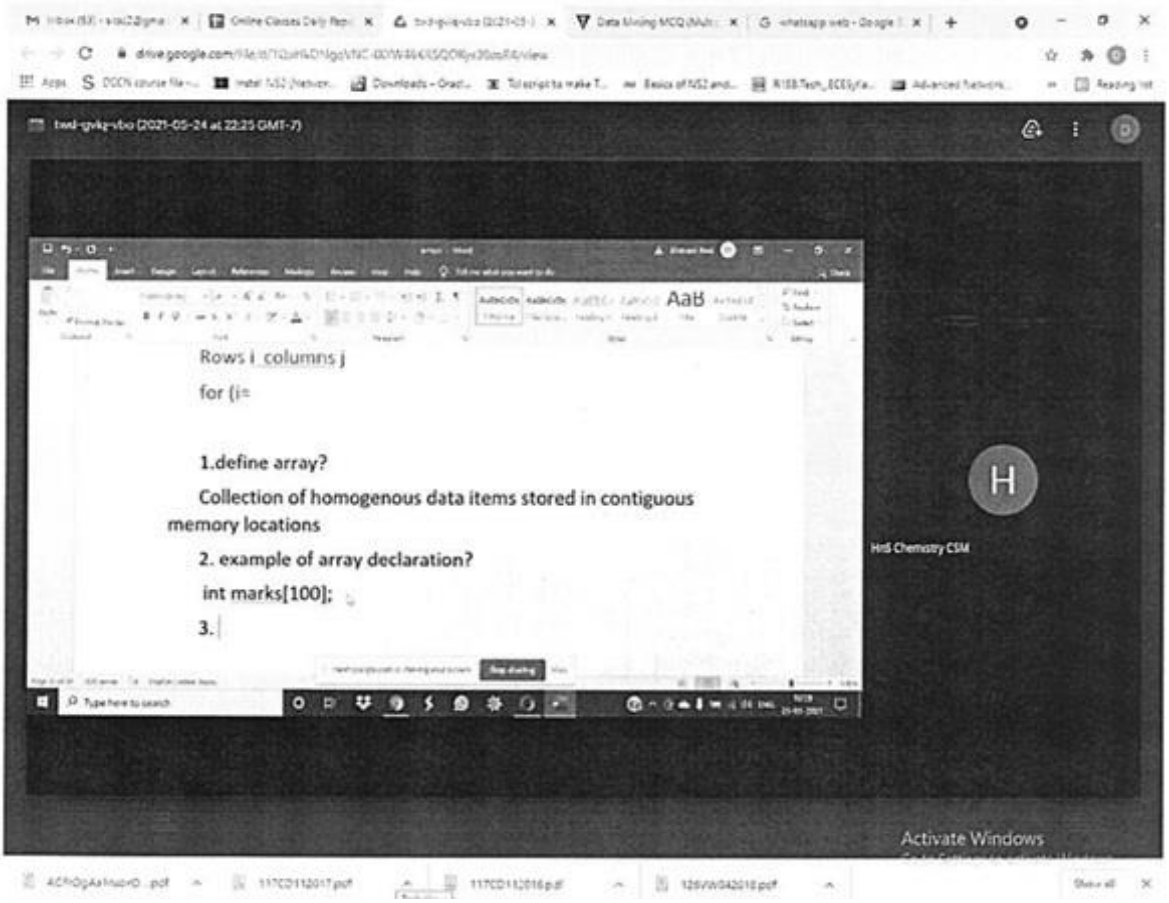

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Subject Name: Programming for Problem Solving
Subject Code: CS203ES **Section:** CSE B
Timings: 01:50 P.M to 04:00 P.M **Date:** 16/02/2021

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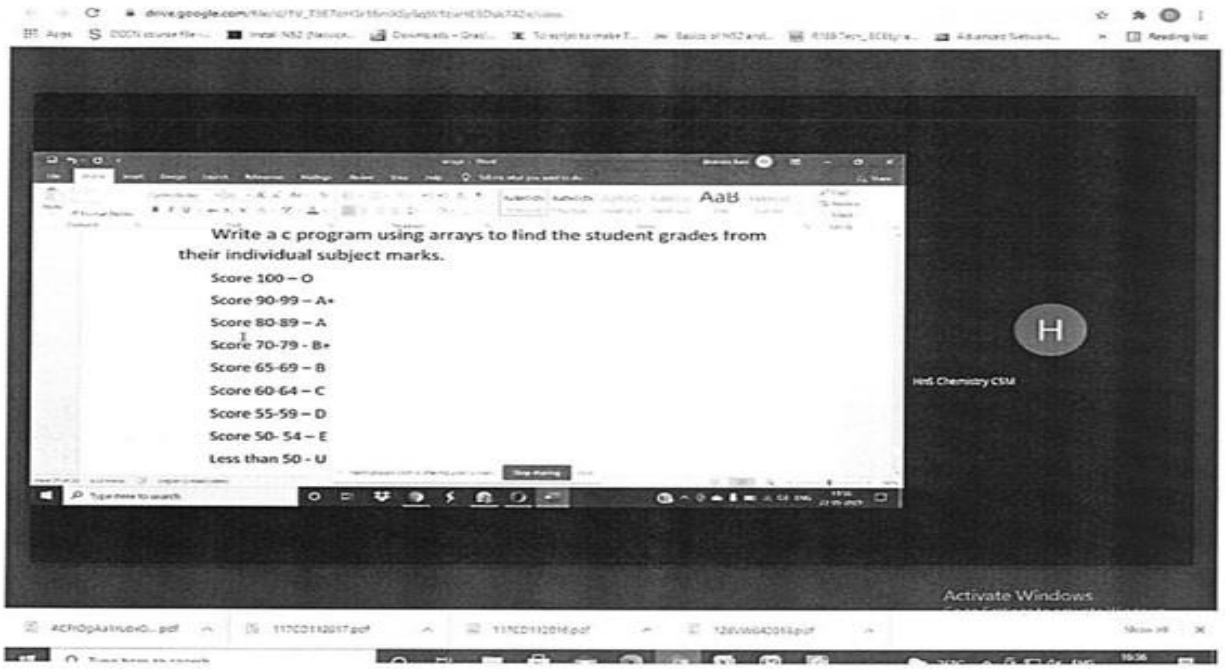

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Academic Year: 2021-22

Department of Computer Science and Engineering

B.Tech Year/Semester: I/I

Subject Name: Programming for Problem Solving
Subject Code: CS203ES **Section:** CSE A
Timings: 09:30 A.M to 12:00 P.M **Date:** 23/02/2021

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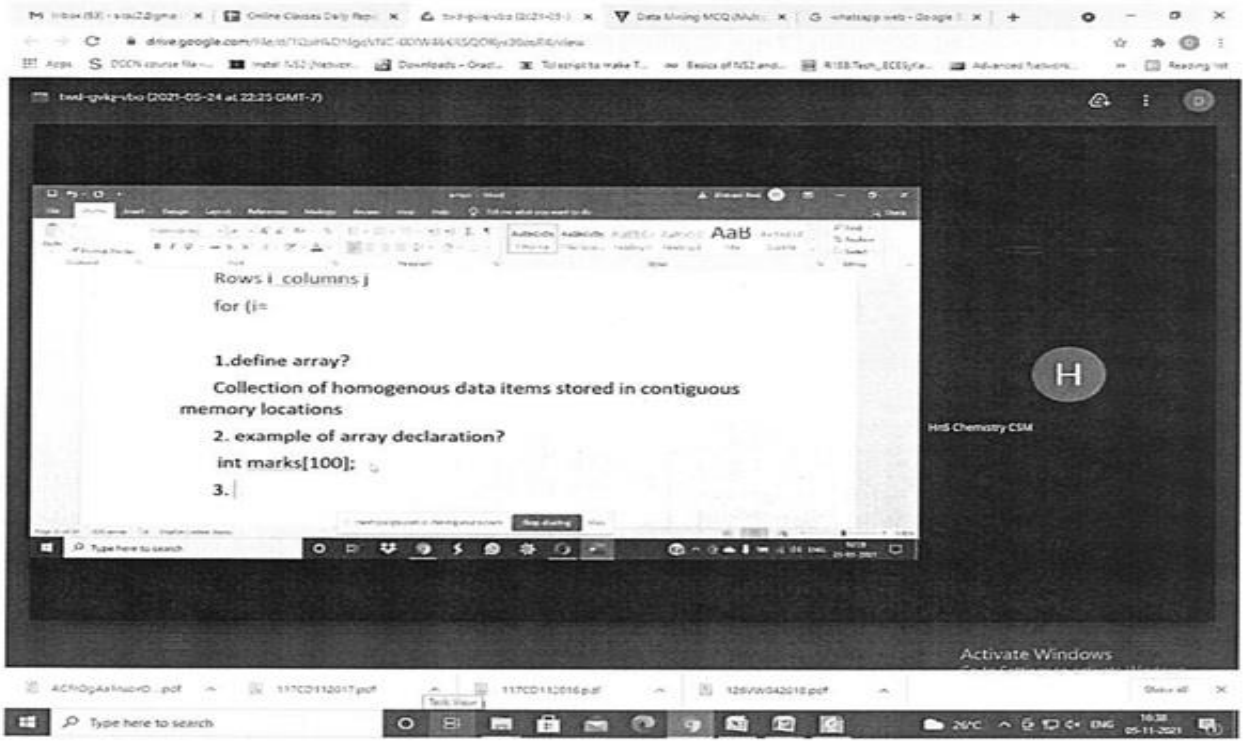

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Subject Code: CS203ES **Section:** CSE A
Timings: 09:30 A.M to 12:00 P.M **Date:** 09/03/2021

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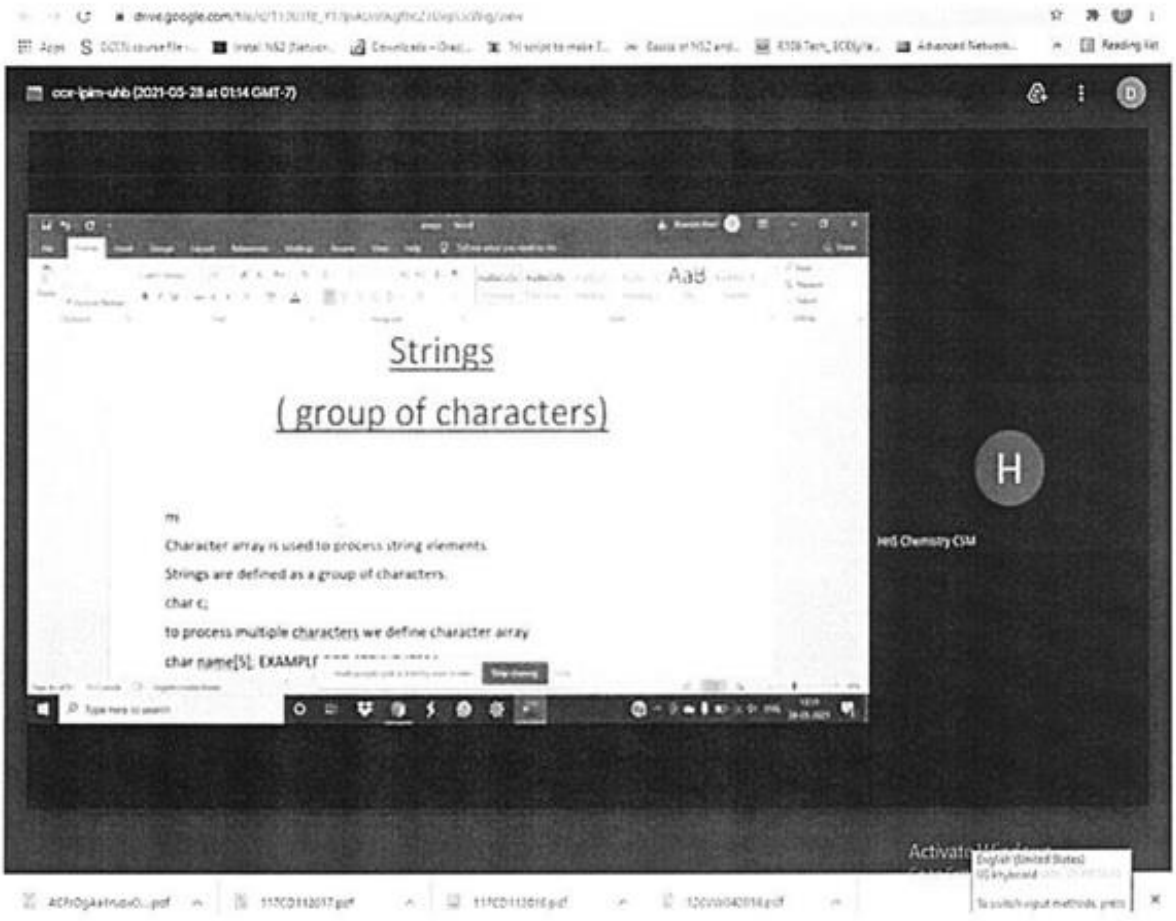

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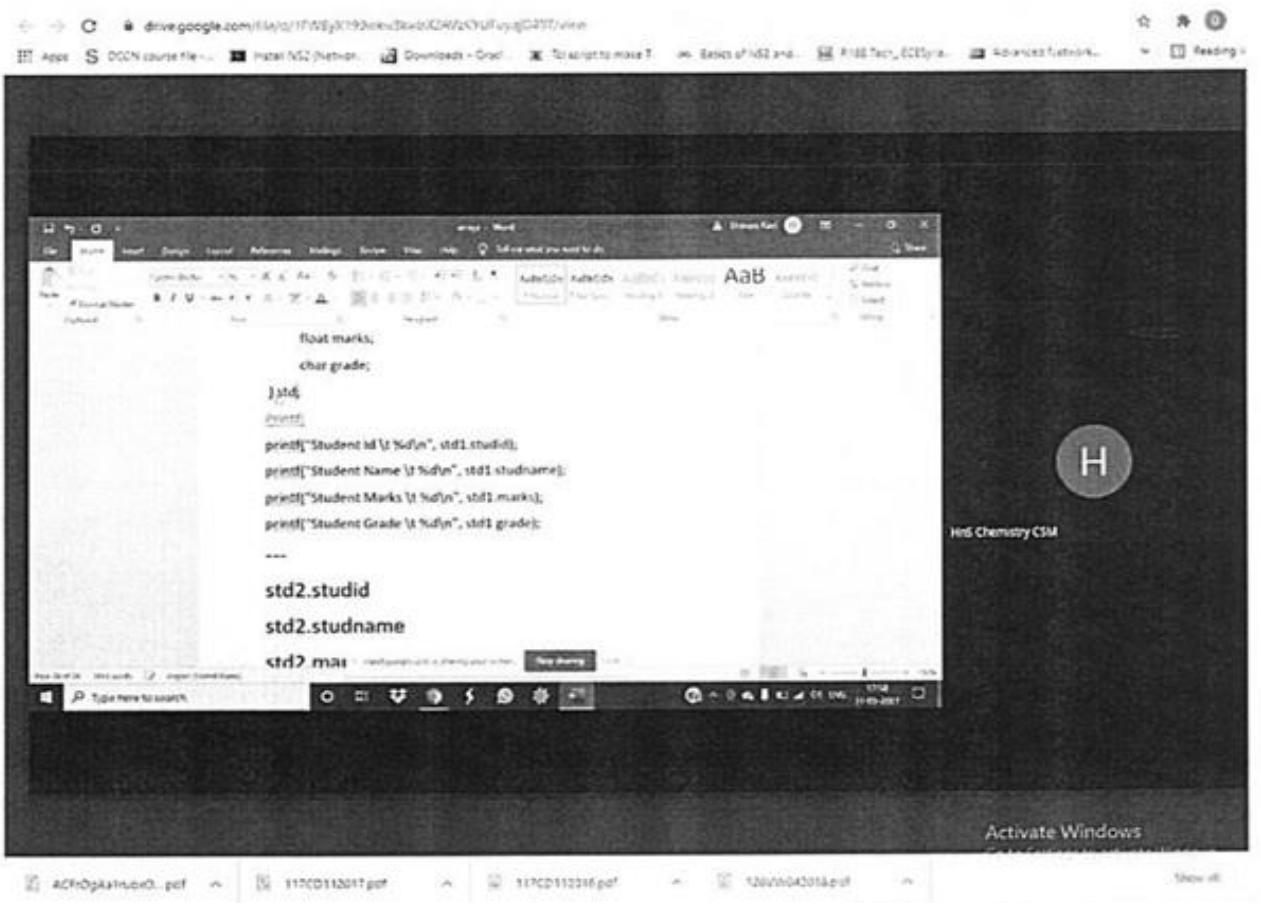

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Academic Year: 2020-2021

DEPARTMENT OF CIVIL ENGINEERING

Report on Case study on "Comparison of Design Procedures for Pre Engineering Buildings (PEB)"

Subject Name: Structural Engineering - II (Steel) **Subject code:** CE604PC
B.Tech Year/Semester: III/II **Timings:** 2:20 pm to 3:10pm
Date: 20-04-2021

Civil department conducted a Case study on "**Comparison of Design Procedures for Pre Engineering Buildings (PEB)**"for III year students. Totally 60 members have participated in the event. This program was organized by the concern faculty Mr. V SANDEEP, Assistant Professor, Civil department, under the guidance of Mrs. PAVANI N, Assistant Professor, and HOD of Civil Engineering.

The total strength was divided into 7 groups. The event was started with an introduction given by the concern faculty as the term "Comparison of Design Procedures for Pre Engineering Buildings (PEB)" concept in the design of structures has helped in optimizing design. The adoptability of PEB in the p lace of Conventional Steel Building (CSB) design concept resulted in many advantages, including economy and easier fabrication

Then students continued that the comparison between different codes:

1. One of the main reasons to increase in weight in IS: 800-1984 compared to IS: 800:2007 is serviceability criteria. Deflection limits by IS code are higher than deflection limits by MBMA.
2. Reason for higher weights in IS: 800-2007 compared to AISC/MBMA is limiting ratios of the section.
3. The loading as per Indian code is greater than MBMA.
4. The main difference between the Indian code (IS: 800-2007) to the other equivalent American codes are in the classification of the cross section of the steel member.

And finally they ended the discussion that was observed in industries most of the projects done with AISC/MBMA. Reasons to preferring AISC/MBMA Code are IS 800:2007 has not considered slender sections which are often encountered in cold formed thin sections, because there is another code IS 801 for this. Hence people using cold formed sections cannot use IS 800.May be that is the reason people are using AISC code &the main reason to use the AISC code for PEB structures is due the fact that it leads to an economical structural solution as compared to the Indian Code.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were allotted out of 10 and the best team was selected as the winner.

This was done to motivate the students and make readv for the next challenge.

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Subject code: CE604PC
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S NO	STUDENT NAME	HALL TICKET NO	SIGN
1	KOSGI MANJULA	186M1A0101	P
2	KOTHAPALLI MADHURI	186M1A0102	P
3	GOSKULA NIHARIKA	186M1A0103	P
4	KAMBLE LAKSHMI	186M1A0104	P
5	VEMULA MANISHA	186M1A0105	P
6	JATOTH NANDINI	186M1A0106	P
7	BURUGU SUMANJALI	186M1A0107	P
8	PARENDEKAR PAVANI	186M1A0108	P
9	BODAS MANASA	186M1A0109	P
10	GUGULOTHU ANITHA	186M1A0110	P
11	ESLAVATH SRILATHA	186M1A0111	P
12	KUSANGI LAXMIPRASANNA	186M1A0112	P
13	RAMAVATH HARITHA	186M1A0113	P
14	VADTHYA MANJULA	186M1A0114	P
15	MAGINAM KRISHNA VENI	186M1A0115	P
16	BANOTH MOUNIKA	186M1A0116	P
17	SADIYA	186M1A0117	P
18	KEERTHI TEJASWI	186M1A0118	P
19	ALETI SAI SANTOSHI	196M5A0101	P
20	MAGGIDI SAI LATHA	196M5A0102	P
21	VANAM VIJAYALAXMI	196M5A0103	P
22	ROUTHU TEJASRI	196M5A0104	P
23	VALLURI SWATHI	196M5A0105	P
24	BONAGIRI RAVALI	196M5A0106	P
25	K.NIVEDITHA	196M5A0107	P
26	THOTA HARIKA	196M5A0108	P
27	GOLLA SHIRISHA	196M5A0109	P
28	NAGELLI POOJA	196M5A0110	P

29	NAGAPURI NAVYA	196M5A0111	P
30	E.SWAPNA	196M5A0112	P
31	POILA SWATHI	196M5A0113	P
32	GANGULA RITHIKA	196M5A0114	P
33	PERE PRAVALIKA	196M5A0115	P
34	CHOPPARI DURGA BHAVANI	196M5A0116	P
35	CHALLA SIREESHA	196M5A0117	P
36	CHINTHAPANDU PRIYANKA	196M5A0118	P
37	DASARI SRIVIDYA	196M5A0119	P
38	NUNAVATH SHILPA	196M5A0120	P
39	AGULLA RAJITHA	196M5A0121	P
40	NUNAVATH RAJESWARI	196M5A0122	P
41	PITTA DEEKSHA	196M5A0123	A
42	MUDAWATH PRASHANTHI	196M5A0124	P
43	GUVVALA NANDINI	196M5A0125	P
44	VANAM MOUNIKA	196M5A0126	P
45	CHALLURI MANASA	196M5A0127	P
46	BANAVATH UMADEVI	196M5A0128	P
47	DASARLA GOUTHAMI	196M5A0129	P
48	SRIRAM SHALINI	196M5A0130	P
49	ASHWINI ADE	196M5A0132	P
50	JATVATH PRIYANKA	196M5A0133	P
51	GUMMADI NUTHANA	196M5A0134	A
52	MUDDAM SONY BHARGAVI	196M5A0135	P
53	ALETI SHRUTHI	196M5A0136	P
54	THALLAPALLI NIKHITHA	196M5A0137	A
55	PANASA PRASHANTHI	196M5A0138	P
56	ALAKUNTLA RASHMIKA	196M5A0139	P
57	GUDURU RENUKA	196M5A0140	P
58	KUTHURU PRIYANKA	196M5A0141	P
59	DUDALA SHIREESHA	196M5A0142	P
60	MARIPATLA AKANSHA	196M5A0143	A
61	VELPULA STELLA RANI	196M5A0144	P
62	THIPPANAVENI SRAVANTHI	196M5A0145	A
63	DUDDURU SRUTHI	196M5A0146	P
64	NUCHU DIVYA	196M5A0147	P
65	KOLA VINODINI	196M5A0148	P

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B.Tech Year/Semester: III/II **Timings:** 2:20 pm to 3:10pm
Date: 20-04-2021

WINNER : GROUP – B

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	KOSGI MANJULA	186M1A0101	A	7
2	KOTHAPALLI MADHURI	186M1A0102	A	7
3	GOSKULA NIHARIKA	186M1A0103	A	7
4	KAMBLE LAKSHMI	186M1A0104	A	7
5	VEMULA MANISHA	186M1A0105	A	7
6	JATOTH NANDINI	186M1A0106	A	7
7	BURUGU SUMANJALI	186M1A0107	A	7
8	PARENDEKAR PAVANI	186M1A0108	A	7
9	BODAS MANASA	186M1A0109	A	7
10	GUGULOTHU ANITHA	186M1A0110	A	7

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	ESLAVATH SRILATHA	186M1A0111	B	10
2	KUSANGI LAXMIPRASANNA	186M1A0112	B	10
3	RAMAVATH HARITHA	186M1A0113	B	10
4	VADTHYA MANJULA	186M1A0114	B	10
5	MAGINAM KRISHNA VENI	186M1A0115	B	10
6	BANOTH MOUNIKA	186M1A0116	B	10
7	SADIYA	186M1A0117	B	10
8	KEERTHI TEJASWI	186M1A0118	B	10
9	ALETI SAI SANTOSHI	196M5A0101	B	10
10	MAGGIDI SAI LATHA	196M5A0102	B	10

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S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	VANAM VIJAYALAXMI	196M5A0103	C	8
2	ROUTHU TEJASRI	196M5A0104	C	8
3	VALLURI SWATHI	196M5A0105	C	8
4	BONAGIRI RAVALI	196M5A0106	C	8
5	K.NIVEDITHA	196M5A0107	C	8
6	THOTA HARIKA	196M5A0108	C	8
7	GOLLA SHIRISHA	196M5A0109	C	8
8	NAGELLI POOJA	196M5A0110	C	8
9	NAGAPURI NAVYA	196M5A0111	C	8
10	E.SWAPNA	196M5A0112	C	8

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	POILA SWATHI	196M5A0113	D	9
2	GANGULA RITHIKA	196M5A0114	D	9
3	PERE PRAVALIKA	196M5A0115	D	9
4	CHOPPARI DURGA BHAVANI	196M5A0116	D	9
5	CHALLA SIREESHA	196M5A0117	D	9
6	CHINTHAPANDU PRIYANKA	196M5A0118	D	9
7	DASARI SRIVIDYA	196M5A0119	D	9
8	NUNAVATH SHILPA	196M5A0120	D	9
9	AGULLA RAJITHA	196M5A0121	D	9
10	NUNAVATH RAJESWARI	196M5A0122	D	9

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
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2	MUDAWATH PRASHANTHI	196M5A0124	E	9
3	GUVVALA NANDINI	196M5A0125	E	9
4	VANAM MOUNIKA	196M5A0126	E	9
5	CHALLURI MANASA	196M5A0127	E	9
6	BANAVATH UMADEVI	196M5A0128	E	9
7	DASARLA GOUTHAMI	196M5A0129	E	9
8	SRIRAM SHALINI	196M5A0130	E	9
9	ASHWINI ADE	196M5A0132	E	9
10	JATVATH PRIYANKA	196M5A0133	E	9

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2	MUDDAM SONY BHARGAVI	196M5A0135	F	8
3	ALETI SHRUTHI	196M5A0136	F	8
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5	PANASA PRASHANTHI	196M5A0138	F	8
6	ALAKUNTLA RASHMIKA	196M5A0139	F	8
7	GUDURU RENUKA	196M5A0140	F	8
8	KUTHURU PRIYANKA	196M5A0141	F	8

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	DUDALA SHIREESHA	196M5A0142	G	7
2	MARIPATLA AKANSHA	196M5A0143	G	7
3	VELPULA STELLA RANI	196M5A0144	G	7
4	THIPPANAVENI SRAVANTHI	196M5A0145	G	7
5	DUDDURU SRUTHI	196M5A0146	G	7
6	NUCHU DIVYA	196M5A0147	G	7
7	KOLA VINODINI	196M5A0148	G	7

Result: Marks allotted for the best performing team, after the analysis of student's performance in the case study, the winner was announced by HOD**: Group B.**

HOD

Principal

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Academic Year: 2020-2021
DEPARTMENT OF CIVIL ENGINEERING

Report on Case study on "Mechanical Behaviour and Damage Process of Concrete with Initial Damage under Eccentric Load"

Subject Name: Structural Engineering - I (RCC) **Subject code:** CE503PC
B.Tech Year/Semester: III/I **Timings:** 03:00 P.M to 04:00 P.M
Date: 12-12-2020

Civil department conducted a Case study on "**Mechanical Behaviour and Damage Process of Concrete with Initial Damage under Eccentric Load"** for III year students. Totally 59 members have participated in the event. This program was organized by the concern faculty a A. Naresh Babu, Assistant Professor, Civil department, under the guidance of Mrs. Pavani N, Professor, and HOD of Civil Engineering.

The total strength was divided into 6 groups. The event was started with an introduction given by the concern faculty as the term "Mechanical Behaviour and Damage Process of Concrete with Initial Damage under Eccentric Load" refers to the line of division that exists between various damages of eccentric loading. Mostly concrete structures have experienced a certain load history, such as the water level change of dams, the load change of bridges, and the dynamic load action of buildings such as earthquakes or explosions. The existence of load history will produce micro-cracks of different sizes in concrete, that is, the initial damage.

Then students continued that the existence of initial damages.

1. It will affect the deterioration process of concrete damage and reduce the service life of concrete.
2. The concrete in the tunnel or the coal and rock mass in the sinking and driving engineering are often subjected to eccentric load due to the undulation of the mountain or the excavation of the project.
3. The internal stress state, damage deterioration process and deformation field evolution law of concrete, rock and other solid materials under eccentric load are different from those under uniform load.
4. Therefore, the research on the mechanical behaviour and damage law of concrete with initial damage under eccentric load is of great significance for mastering. 5. Its macroscopic mechanical properties and guiding field engineering practice. Meanwhile, it is also helpful to establish a constitutive model that can accurately describe the complex mechanical properties of such media under actual engineering conditions.

Finally they ended the discussion under the condition of uniform load and eccentric load, the peak stress of concrete increases linearly with the increase of confining pressure. The crack initiation stress increases as a quadratic function with the increase of confining pressure. At the same confining pressure, the peak stress and crack initiation stress of specimen under uniform load compression are higher than those under eccentric load compression. During the session all the students were actively involved and gained knowledge about the above said topic. Marks were allotted out of 10 and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.

HOD

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S NO	STUDENT NAME	HALL TICKET NO	SIGN
1	KOSGI MANJULA	186M1A0101	P
2	KOTHAPALLI MADHURI	186M1A0102	P
3	GOSKULA NIHARIKA	186M1A0103	A
4	KAMBLE LAKSHMI	186M1A0104	P
5	VEMULA MANISHA	186M1A0105	P
6	JATOTH NANDINI	186M1A0106	P
7	BURUGU SUMANJALI	186M1A0107	P
8	PARENDEKAR PAVANI	186M1A0108	P
9	BODAS MANASA	186M1A0109	P
10	GUGULOTHU ANITHA	186M1A0110	P
11	ESLAVATH SRILATHA	186M1A0111	P
12	KUSANGI LAXMIPRASANNA	186M1A0112	P
13	RAMAVATH HARITHA	186M1A0113	P
14	VADTHYA MANJULA	186M1A0114	P
15	MAGINAM KRISHNA VENI	186M1A0115	P
16	BANOTH MOUNIKA	186M1A0116	A
17	SADIYA	186M1A0117	P
18	KEERTHI TEJASWI	186M1A0118	P
19	ALETI SAI SANTOSHI	196M5A0101	P
20	MAGGIDI SAI LATHA	196M5A0102	P
21	VANAM VIJAYALAXMI	196M5A0103	P
22	ROUTHU TEJASRI	196M5A0104	P
23	VALLURI SWATHI	196M5A0105	P
24	BONAGIRI RAVALI	196M5A0106	P
25	K.NIVEDITHA	196M5A0107	P
26	THOTA HARIKA	196M5A0108	P
27	GOLLA SHIRISHA	196M5A0109	P
28	NAGELLI POOJA	196M5A0110	P
29	NAGAPURI NAVYA	196M5A0111	P
30	E.SWAPNA	196M5A0112	P

31	POILA SWATHI	196M5A0113	P
32	GANGULA RITHIKA	196M5A0114	P
33	PERE PRAVALIKA	196M5A0115	A
34	CHOPPARI DURGA BHAVANI	196M5A0116	P
35	CHALLA SIREESHA	196M5A0117	P
36	CHINTHAPANDU PRIYANKA	196M5A0118	P
37	DASARI SRIVIDYA	196M5A0119	P
38	NUNAVATH SHILPA	196M5A0120	P
39	AGULLA RAJITHA	196M5A0121	P
40	NUNAVATH RAJESWARI	196M5A0122	A
41	PITTA DEEKSHA	196M5A0123	P
42	MUDAWATH PRASHANTHI	196M5A0124	P
43	GUVVALA NANDINI	196M5A0125	P
44	VANAM MOUNIKA	196M5A0126	P
45	CHALLURI MANASA	196M5A0127	P
46	BANAVATH UMADEVI	196M5A0128	P
47	DASARLA GOUTHAMI	196M5A0129	P
48	SRIRAM SHALINI	196M5A0130	P
49	ASHWINI ADE	196M5A0132	P
50	JATVATH PRIYANKA	196M5A0133	P
51	GUMMADI NUTHANA	196M5A0134	P
52	MUDDAM SONY BHARGAVI	196M5A0135	A
53	ALETI SHRUTHI	196M5A0136	P
54	THALLAPALLI NIKHITHA	196M5A0137	P
55	PANASA PRASHANTHI	196M5A0138	P
56	ALAKUNTLA RASHMIKA	196M5A0139	P
57	GUDURU RENUKA	196M5A0140	A
58	KUTHURU PRIYANKA	196M5A0141	P
59	DUDALA SHIREESHA	196M5A0142	P
60	MARIPATLA AKANSHA	196M5A0143	P
61	VELPULA STELLA RANI	196M5A0144	P
62	THIPPANAVENI SRAVANTHI	196M5A0145	P
63	DUDDURU SRUTHI	196M5A0146	P
64	NUCHU DIVYA	196M5A0147	P
65	KOLA VINODINI	196M5A0148	P

HOD

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Subject Name: Structural Engineering - I (RCC) **Subject code:** CE503PC
B.Tech Year/Semester: III/I **Timings:** 03:00 P.M to 04:00 P.M
Date: 12-12-2020

WINNER : GROUP - C

S NO	STUDENT NAME	HALL TICKET NO	GROUP	Marks
1	KOSGI MANJULA	186M1A0101	A	8
2	KOTHAPALLI MADHURI	186M1A0102	A	8
3	GOSKULA NIHARIKA	186M1A0103	A	8
4	KAMBLE LAKSHMI	186M1A0104	A	8
5	VEMULA MANISHA	186M1A0105	A	8
6	JATOTH NANDINI	186M1A0106	A	8
7	BURUGU SUMANJALI	186M1A0107	A	8
8	PARENDEKAR PAVANI	186M1A0108	A	8
9	BODAS MANASA	186M1A0109	A	8
10	GUGULOTHU ANITHA	186M1A0110	A	8
11	ESLAVATH SRILATHA	186M1A0111	A	8
12	KUSANGI LAXMIPRASANNA	186M1A0112	A	8

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	RAMAVATH HARITHA	186M1A0113	B	7
2	VADTHYA MANJULA	186M1A0114	B	7
3	MAGINAM KRISHNA VENI	186M1A0115	B	7
4	BANOTH MOUNIKA	186M1A0116	B	7
5	SADIYA	186M1A0117	B	7
6	KEERTHI TEJASWI	186M1A0118	B	7
7	ALETI SAI SANTOSHI	196M5A0101	B	7
8	MAGGIDI SAI LATHA	196M5A0102	B	7
9	VANAM VIJAYALAXMI	196M5A0103	B	7
10	ROUTHU TEJASRI	196M5A0104	B	7
11	VALLURI SWATHI	196M5A0105	B	7
12	BONAGIRI RAVALI	196M5A0106	B	7

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	K.NIVEDITHA	196M5A0107	C	10
2	THOTA HARIKA	196M5A0108	C	10
3	GOLLA SHIRISHA	196M5A0109	C	10
4	NAGELLI POOJA	196M5A0110	C	10
5	NAGAPURI NAVYA	196M5A0111	C	10
6	E.SWAPNA	196M5A0112	C	10
7	POILA SWATHI	196M5A0113	C	10
8	GANGULA RITHIKA	196M5A0114	C	10
9	PERE PRAVALIKA	196M5A0115	C	10
10	CHOPPARI DURGA BHAVANI	196M5A0116	C	10
11	CHALLA SIREESHA	196M5A0117	C	10
12	CHINTHAPANDU PRIYANKA	196M5A0118	C	10

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	DASARI SRIVIDYA	196M5A0119	D	9
2	NUNAVATH SHILPA	196M5A0120	D	9
3	AGULLA RAJITHA	196M5A0121	D	9
4	NUNAVATH RAJESWARI	196M5A0122	D	9
5	PITTA DEEKSHA	196M5A0123	D	9
6	MUDAWATH PRASHANTHI	196M5A0124	D	9
7	GUVVALA NANDINI	196M5A0125	D	9
8	VANAM MOUNIKA	196M5A0126	D	9
9	CHALLURI MANASA	196M5A0127	D	9
10	BANAVATH UMADEVI	196M5A0128	D	9
11	DASARLA GOUTHAMI	196M5A0129	D	9
12	SRIRAM SHALINI	196M5A0130	D	9

S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	ASHWINI ADE	196M5A0132	E	7
2	JATVATH PRIYANKA	196M5A0133	E	7
3	GUMMADI NUTHANA	196M5A0134	E	7
4	MUDDAM SONY BHARGAVI	196M5A0135	E	7
5	ALETI SHRUTHI	196M5A0136	E	7
6	THALLAPALLI NIKHITHA	196M5A0137	E	7
7	PANASA PRASHANTHI	196M5A0138	E	7
8	ALAKUNTLA RASHMIKA	196M5A0139	E	7
9	GUDURU RENUKA	196M5A0140	E	7
10	KUTHURU PRIYANKA	196M5A0141	E	7

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S NO	STUDENT NAME	HALL TICKET NO	Group	Marks
1	DUDALA SHIREESHA	196M5A0142	F	9
2	MARIPATLA AKANSHA	196M5A0143	F	9
3	VELPULA STELLA RANI	196M5A0144	F	9
4	THIPPANAVENI SRAVANTHI	196M5A0145	F	9
5	DUDDURU SRUTHI	196M5A0146	F	9
6	NUCHU DIVYA	196M5A0147	F	9
7	KOLA VINODINI	196M5A0148	F	9

Result: Marks allotted for the best performing team, after the analysis of student's performance in the case study, the winner was announced by HOD**: Group C**.

HOD

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