



CRITERION -2 TEACHING-LEARNING AND EVALUATION

KEY INDICATOR 2.5- EVALUATION PROCESS AND REFORMS

Metric No 2.5.1 Mechanism of Internal Assessment is Transparent and Robust

in Terms of Frequency and Mode

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pr. J.SUNDARARAJAN, BE M. Tech., Ph.D. Principal N.P.R. College of Engineering & Technology Natham, Dindigul (Dt) - 624 401.





Internal Assessment Schedule

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

August - December 2021 - For all UG/PG - Programmes (ODD SEMESTER) - Except M.C.A 2 Years

Report No	Report Period	Test Period	Report Entry Period
I	18-08-2021 - 13-09-2021		13-09-2021 - 18-09-2021
II	14-09-2021 - 07-10-2021	01-10-2021 - 07-10-2021	07-10-2021 13-10-2021
Ш	08-10-2021 - 05-11-2021	29-10-2021 - 05-11-2021	05-11-202111-11-2021
IV	06-11-2021 - 30-11-2021	23-11-2021 - 30-11-2021	30-11-2021 02-12-2021

Saturdays may be included as working days to make good the Shortages, if any.

A CONTROLLER OF EXAMINATIONS 2200



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NPRCET/Exam Cell/2021-22/01

27.09.2021

CIRCULAR

All the Head of the department are instructed to check the quality of the internal test -I question Papers of heir respective departments. Please follow the below mentioned procedures and report to the undersigned.

- Allocation of questions must be based on Bloom's taxonomy
- Submit the Question Bank for all the respective subjects within prescribed date.
- Instruct the faculty members to complete the evaluation process on the fourth day from the date of their respective test.
- Submit the internal and squad invigilators list to the COE section prior to the Internal test-I.

Principal Dr. J.SUNDARARAJAN. B.E., M.Tech., Ph.D., Principal N.P.R. College of Engineering & Technolog Natham Olndigui (D1) - 624 401.

Copy to

1. COE

2. All Hods/ Concerned Faculties

3. File

S.No	Name of the HoD	Department	Signature
1	Dr.A.Hemalatha	Civil	Arachi
2	Dr.R.Ramanan	CSE	Pr
3	Dr.A.Gopi Saminathan	ECE	ye in the
4	Dr.P.Kanirajan	EEE	J. A. um
5	Dr.S.Paulsingarayar	MECH	1. Junda
6	Dr.B.Velmurugan	MBA	3 yrong
7	Dr.T.Priya	S&H	TRI





NPRCET/Exam Cell/2021-22/01

20.09.2021

ODD SEMESTER (2021-22)-SEPTEMBER 2021

FIRST INTERNAL ASSESSMENT TEST -INSTRUCTIONS

First Internal tests for II,III & IV years will be conducted from 27.09.2021 (Monday) to 04.10.2021 (Wednesday). All the faculty members handling subject for III, V, and VII semester are requested to submit their question bank through the respective HoDs on or before 23.09.2021 (Tuesday).

Syllabus: First two units only

Important instructions regarding question paper setting

- •Faculty handling members are requested to submit the question bank for their respective subjects
- •The file name of the question bank is to be saved as (year-semester-department-subject code and name)

•Example: III-6 MECHANICAL- ME8692- Finite Element Analysis.

•Late submission of the question bank is not encouraged

Exam Cell Cool G. SUNDARARAJON

Copy to

1. All Hods/ Concerned Faculties

2. File







QUESTION PATTERN

Register Number:

Department ofEngineering

INTERNAL TEST- I / II

Subject code & Name:

Year &Semester:

Duration: 90 Minutes

Date:

Maximum marks: 50

Course Outcomes, Question Number, Marks:

COs	CO1	CO2
Ques. No.		
Max. Marks		

COs & K-Level:

CO1:

CO2:

K-Levels	K1: Remember	K2: Understand	K3:Apply	K4:Analyse	K5:Evaluate	K6:Create
----------	--------------	----------------	----------	------------	-------------	-----------

Q.No	Answer All Questions	Bloom's Taxonomy K-level
	PART – A (5 x 2 = 10 marks)	
1.		
2.		
3.		
4.		
5.		





	PART – B (1 x 8 = 8 marks)					
6.		(8)				
	PART – C (2 x16 = 32 marks)					
7.		(16)				
8.	(i)	(8)				
	(ii)	(8)				

Faculty In-Charge

HoD

Note: In Part C, questions can be set for 16 marks if the answer is very lengthy otherwise two or more sub-divisions can be included in each full question with break-up of marks indicated in brackets.



R College of Engineering & Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Register Number:

INTERNAL EXAMINATION 1 - OCTOBER 2021

3rd Semester - ECE

EC8391- CONTROL SYSTEM ENGINEERING

Duration: 90 Minutes

Date: 01.10.2021

Maximum marks: 50

Course Outcomes ,Question Number, Marks:

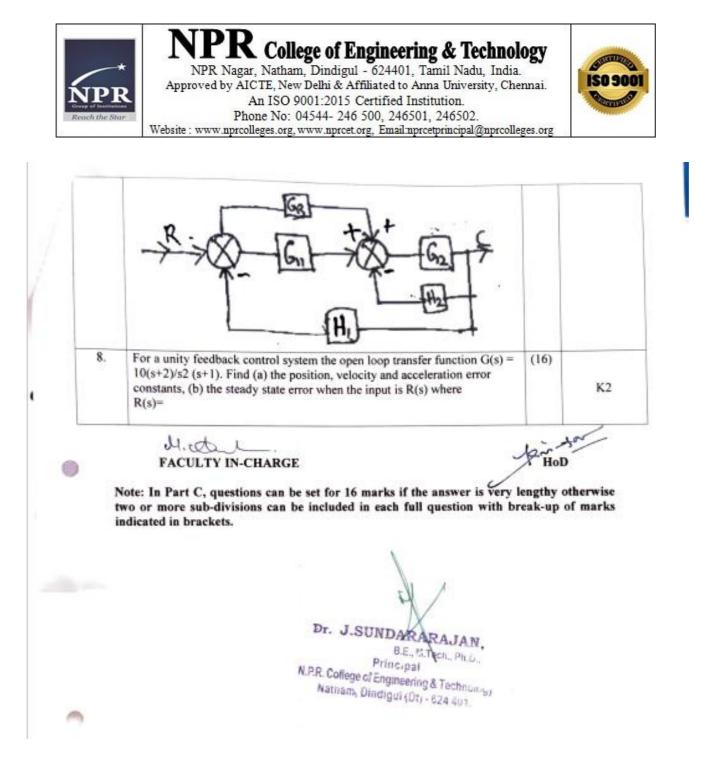
Γ

COs	COI	CO2
Ques. No.	1.2.7	3,4,5,6,8
Max. Marks	20	30

COs & K-Level:

CO1: Students can be able to identify the various control system components and their representations.

K-Lev	els	K1: Remember	K2: Understand	K3:Apply	K4:Analyse	K5:Evalu ate	K6:Create
Q.No	Answer All Questions						Bloom's Taxonomy K-level
			PART -	A (5 x 2 = 10 r	narks)		
1.	Comp	pare open loop a	nd closed loop sy	stem.			KI
2.	What	is a Gear train?	What are electric	al Analogous	of gears?		K1
3.	How	the system is cla	ssified based on	depending ratio	o?		K1
4.	A second order system bas a dumping ratio of 0.6 and natural frequency of oscillation is 10 rad/sec. Determine the damped freq of oscillation.						К1
5.	What	is the effect of	PI controller on th	ne system perfo	ormance?		K1
			provide the second s	B (1 x 8 = 8 m	And share the processing of the contract of the second second second second second second second second second		
6.	A unit step input is applied to the unity feedback system for which open loop transfer function G(S)=16/S(S+8). Find, 1. Its closed loop transfer function, 2. Natural frequency of oscillation ω_n , 3. Damping ratio z, 4. Damped frequency of oscillations, ω_d (8)						К2
	Damp	ped trequency of		C (2 x16 = 32	marks)		
7.	Ohtai	in C(S)(R(S) usit	ng block diagram	the second s	and the second	(16)	K2







B.E - INTERNAL TEST - I - September - 2021

Time: 11.15 a.m. – 12.45 p.m.

Time Table

Date: 20.09.2021

	IV YEAR / VII SEMESTER					
DATE	CIVIL	CSE	EEE	ECE	MECH	
27.09.2021 (Monday)	CE8701 Estimation, Costing and Valuation Engineering	MG8591 Principles of Management	EE8703- Renewable Energy Systems	EC8751 Optical Communication	ME8792 Power Plant Engineering	
28.09.2021 (Tuesday)	CE8702 Railways, Airports, Docks and Harbour Engineering	CS8792 Cryptography and Network Security	EE8702-Power System Operation and Control	EC8702 Ad hoc and Wireless Sensor Networks	ME8793 Process Planning and Cost Estimation	
29.09.2021 (Wednesday)	CE8703 Structural Design and Drawing	CS8791 Cloud Computing	EE8701-High Voltage Engineering	EC8791 Embedded and Real Time Systems	ME8791 Mechatronics	
30.09.2021 (Thursday)	EN8591 - Municipal Solid Waste Management	CS8079 - Human Computer Interaction	EI6703-Fibre Optics and Laser Instruments	EC8701 Antennas and Microwave Engineering	OIE751 - Robotics	
01.10.2021 (Friday)	OME754 - Industrial Safety	GE8077 - Total Quality Management	EE8010- Power System Transients	EC8092 - Advanced Wireless Communication	ME8073 - Unconventional Machining Processes	
04.10.2021 (Monday)		OIE751 - Robotics	OML555 – Testing of Materials	OIC751 - Transducers Engineering	ME8097 - Non Destructive Testing and Evaluation	



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			III YEAR / V SEM	1ESTER	
DATE	CIVIL	CSE	EEE	ECE	MECH
27.09.2021 (Monday)	CE8501-Design of Reinforced Cement Concrete Elements	CS8591- Computer Networks	CS8392- Object Oriented Programming	EC8501- Digital Communication	ME8595- Thermal Engineering- II
28.09.2021 (Tuesday)	CE8502- Structural Analysis I	MA8551- Algebra and Number Theory	OMD551- Basic of Bio- Medical Instrumentati on	EC8553- Discrete-Time Signal Processing	ME8593- Design of Machine Elements
29.09.2021 (Wednesday)	CE8591- Foundation Engineering	EC8691 - Microprocessor s and Microcontroller s	EE8551- Microprocess ors and Microcontroll ers	EC8552- Computer Architecture& Organization	ME8501-Metrology and Measurements
30.09.2021 (Thursday)	EN8491-Water Supply Engineering	CS8501 - Theory of Computation	EE8552- Power Electronics	EC8551- Communication Networks	ME8594- Dynamics of Machines
01.10.2021 (Friday)	GI8013- Advanced Surveying	CS8592 -Object Oriented Analysis and Design	EE8501- Power System Analysis	EC8073- Medical Electronics	OAT551- Automotive Systems
04.10.2021 (Monday)	OA1551- Environmental and Agriculture	OMD553 - Telehealth Technology	EE8591- Digital Signal Processing	OMD551- Basic of Bio- Medical Instrumentation	-



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DATE		I	YEAR / III SEMIEST	ER	
	CIVIL	CSE	EEE	ECE	MECH
27.09.2021 (Monday)	Monday) Differential Equations (CE8301- Strength of Tuesday) Materials I (SR351-Digital Principles & System Design (SR351-Digital Principles & System Design		MA8353- Transforms and Partial Differential Equations	MA8352- Linear Algebra and Partial Differential Equations	MA8353- Transforms and Partial Differential Equations
28.09.2021 (Tuesday)	Strength of	Principles &	EE8391- Electromagnetic Theory	EC8351- Electronic Circuits- I	ME8391- Engineering Thermodynamics
29.09.2021 (Wednesday)			ME8792-Power Plant Engineering	EC8352- Signals and Systems	CE8394-Fluid Mechanics and Machinery
30.09.2021 (Thursday)	CE8351- Surveying	CS8392-Object Oriented Programming	EE8301-Electrical Machines - I	EC8392- Digital Electronics	ME8351- Manufacturing Technology - I
01.10.2021 (Friday)	CE8391- Construction Materials	EC8395- Communication Engineering	EC8353-Electron Devices and Circuits	EC8391- Control Systems Engineering	EE8353-Electrical Drives and Controls
04.10.2021 (Monday)	CE8393- Engineering	-	EE8351-Digital Logic Circuits	EC8393- Fundamentals Of Data Structures in C	-

Exam Cell Coordinator G. SUNDARBRAJAN

Copy to:

- 1. All HoDs
- 2. Notice Board
- 3. All class rooms

Principal DT. J.SUMDARARAJAN, B.E., N.Pech., Ph.D., Principal N.P.R. Coilege of Engineering& Technology Matham, Olndigul (Dt) - 624 401.





Internal Examination Hall Arrangement

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING EXAM HALL SEATING ARRANGEMENT: ACADEMIC YEAR (2021-2022) ODD HALL NO: RBLH 305

S.No.	C	OLUMN-I		2	COLUMN-	п		COLUMN-III		
1.	AFRIN SHIFANA A 920819106002	ABILASHA.M 920818106001	AARTHY M 920820106001	DHANALAKSHMI P 920819106013	DURGADEVI.B 920818106007	MAHESWARI R 920820106020	KARUNIAA J S 920819106023	NISHA.M 920818106018	SHARMILA DEVI G 920819106058	
2.	AJITHA S 920820106003	ABINAYA .S 920818106002	CHRISTIYA I 920819106011	MALAVIKA A 920820106021	DURGADEVI.S 920818106008	GAYATHRI M 920819106018	SANO NISHA N 920819106052	NIVETHA.K.S 920818106019	MADHUMITH/ P 920819106028	
3.	AMIZHTHAA B 920819106004	BLESSING.X 920818106004	ARCHANA P 920820106006	DHATH VETHA S 920819106014	HARIPRIYA.M 920818106009	MANIYAMMAIYAR N 920820106022	SUMUGAPRIYA M 920819106062	PUSHPA PRIYADHARSHINI.R 920818106023	SOUNDHARY/ S 920819106061	
4.	MAHAVARSHINI	DHARSHINI.V 920818106005	DEVI SRI S 920819106012	MEERA JAFRIN A 920820106024	ILAKKIYA.B 920818106010	JYOTHIKA B 920819106021	KEERTHI M 920819106024	SARITHA RANLK 920818106026	MUTHU RANJANI V 920819106037	
5.	920820106019 BLESSY JEBAMANI G 920819106010	SEEMA FATHIMA.S 920818106029	DHAARINI M J 920820106010		NIL		DIVYA DHARSHINI S 920819106017	KIRUTHIKA.R 920818106013	MUNEESWARI L 920820106026	
6.	POWSIKA DEVI K 920819106044	VARSHIINI.B 920818106036	HARINI C 920820106013	NIL				NIL		

LL MEMBER S.SUDMAKAN

HOD-ECE



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ENAMIHALL SEATING ARRANGEMENT: ACADEMIC YEAR (2021-2022) ODD

150 900

HALL NO: RBLH 303

S.No.		COLUMN-I			COLUMN-	11	COLUMN-III					
ı	AJITH KUMAR K 920819106004	JAYA PRATHAP.S 920818106011	AJA1 GOWTHAM S 920820106002	DHINESH M 920819106015	RAJKUMAR.K. 920818106024	JAWAHAR R 920820106015	KIRTHICK N 920819106025	PRAVEENKUMAR P 920820106029	PRASANNA D 920819106046			
2	AKASH S 920520106004	JEYARAJ.S 920818106012	BALAJI M 920819106008	JEEVA S 920820106016	SATHISH KUMAR.G 920818106028	IOSEPHRUMSBIL T R 920819106020	KISHOREKRISHNA A 1 920819106026	RAHULRATR 920820106030	MANOJKUMAR 8 920819106030			
3	ARAVINTH RAJ K 920819106006	MANOJ PRABHAKAR,V 920818106014	ARAVINTHAN S 920820106005	DIVESII V 920819106016	SURYA PRAKASH.V. M 920818106033	JEFFERY ALBERT J 920820106017	MANOJ KUMAR A 920819106029	ROHITH ABRAHAM J 920820106031	MOILAMED ASI M 920819106031			
4	ARIIIARAN K 920520106007	MUKESII KANNA G 920818106016	BALAJI M 920819106009	LOKESH KANNA G 920820106018	VIONESHLR 920818106038	KAMALESH K 920819106022	PAMVIGNHESH R P 920819106048	SABEER AILAMED T 920820106032	MOHAMEDIDR. HIM 1 920519106032			
5	ASMA ROSHAN T 920619106007	MUTHU VIGNESH.M 920818106017	BALASAKTHI 8 920820106008	1LARISHWAR S 920819106019	VIGNESH.S 920818106302	MANOJ S 920820106023	SELVA KUMAR M 920820106057	NAGA VISIIWA G 920819106039	SAI SANKARA NARAYANAN 920820106033			
6	MOHAN BABU B 920819106033	PONBILARATHI. V 920818106020	HEMESHWAR S 920820106011	MOHAN S 920819106034	MUHAMMED THOUFIQ AUARISH R 920820106025	MURUGANATHA N M 920819106035	NANDHA KUMAR D 9208191060301	SANJAI KUMAR S 920870106035	VIERAM S 920819106068			
7.	PRARHU C 920819106045	PUGALARASU 5 920818106077	HARCEEH V 920820106012	A.ASWATHAM AN LE	SIVAPRASAD K 920820106038	B.PARTHIBAN LE	S.PRADEEP LE	- feri-tion	K.PASILAN LE			

EXAMPELL MEMBER [s.subunxar]

14





B.E - INTERNAL TEST - I - September – 2021

Internal Duty List

First Internal Examination for Higher Semester Sep/Oct 2021

Internal Invigilator Duty List

Date :22.09.2021

S.No.	Name of the Staff	Designation	D	ute	Signature
1	Mr. P.Balamurugan	AP/Civil	27.09.2021	29,09,2021	P.P.J
2	Mr. K.Karuppasamy	AP/Civil	27.09.2021	04,10,2021	Vint
3	Mrs. C.Selvi	ADCivil	28.09.2021	29.09,2021	con
4	Mr. C.Vijayakumar	AP/Civil	27.09.2021	28.09.2021	MUTR
5	Ms. E.Madhumathisuriya	AP/Civil	27.09.2021	04.10.2021	JOBE
6	Mr. K.Selvam	AP/Civil	28.09.2021	29.09.2021	agation
7	Mr. K.Shanthakumar	AP/Civil	27.09.2021	04.10.2021	Jeshen an
8	Mr. P.Manikandan	AP/Civil	28.09.2021	04.10.2021	Pundo
9	Mr. S.Alagu Dharmaraj	AP/Civil	27.09.2021	28.09.2021	Du B
10	Mrs.i.Premasundari	AP/Civil	28.09.2021	04.10.2021	10
11	Mr. T. K .Prasanna	AP/Civil	29,09.2021	30.09,2021	T. H. Bue
12	Mr. U.Karthik	AP/Civil	27.09.2021	04.10.2021	Oranti
13	Mr. N.Karthic	AP/Civil	29.09.2021	30.09.2821	NU
14	Mr. A.Saranya Jenifer	AP/Civil	27.09.2021	04.10.2021	9 Some
15	Mr.S.Ponrasu	AP/Civil	29.09.2021	04.10.2021	RR -
16	Mr. V.Prakash	AP/Civil	28.09.2021	30.09.2021	Tomales
17	Mr.G. Sethuraj	AP/Mech	29.09.2021		Seth
18	Mr.G. Sundararajan	AP/Mech	27.09.2021		Briken
19	Mr.S. Joshua	AP/Mech	30.09.2021		- Current
20	Mr. T. Balasubramani	AP/Mech	27.09.2021	30.09.2021	T. BA
21	Mr. M. Mathan Baj	AP/Mech	30.09.2021		what
22	Mr.B. Deepan	AP/Mech	28.09.2021	01.10.2021	B. Chas
23	Mr.M. Vimal Chand	AP/Mech	30.09.2021		V
24	Mr.K. Sathish Kumar	AP/Mech	29.09,2021	with the second	Altert
25	Mr. L.Balasubramanian	AP/Mech	27.09.2021	29.09.2021	L'Oim
26	Mr.B. Rajeshkannan	AP/Mech	01,10.2021		Parate
27	Mr. Arangarajan Mookia	AP/Mech	27.09.2021	30.09.2021	then N
28	Mrs. T.Esther	AP/ECE	04.10.2021		Dofe
29	Mrs. S.Kamalam	AP/ECE	27.09.2021	29.09.2021	SKH
30	Mr. K.Jayaprakasam	AP/ECE	01.10.2021		Thurs
31	Mr. J.G.Sabarish	AP/ECE	01.10.2021		R Sachar
32	Mr. S.Surendhar	AP/ECE	29.09.2021	30.09.2021	Turne
33	Mr. S.Sudhakar	AP/ECE	01.10.2021		But-
34	Mrs. Allniyamary	AP/ECE	27.09.2021	29.09.2021	OL /S





5	Mr. S.Vinnyagam	AP/ECE	01.10.2021		100-
5	Mrs. S.Monika	AP/ECE	28.09.2021	01.10.2021	Elen
7	Mrs. C.Kannika Parameshwari	AP/ECE	30.09.2021		1887
8	Mr. R.Naveenkumar	AP/ECE	04.10.2021	04.10.2021	childred.
9	Mr. K.Sundarapandi	AP/ECE	27.09.2021	29.09.2021	Killing.
0	Mr. R.SundaraBharathi	AP/ECE	01.10.2021		8 Joins
1	Mrs. M.Marikani	AP/ECE	29.09.2021	01.10.2021	11 can
2	Mrs. J.Nayanadhara	AP/ECE	28.09.2021	30.09.2021	p-1954
3	Mrs. E. Thangadeepiga	AP/ECE	30.09.2021	01.10.2021	Kupth
4	Ms. S.Priyadharsini	AP/ECE	27.09.2021	29.09.2021	Charles Qu
16	Mr.S.Sathyamoorthi	AP/EEE	28.09.2021	30.09.2021	aire
17	Mr.T.Siyakumar	AP/EEE	28.09.2021	04.10.2021	5 ght
8	Mrs.K.Tamilselvi	AP/EEE	30.09.2021	04.10.2021	at 121
9	Mr.M.Edwin Lawrance	AP/EEE	27.09.2021	28.09.2021	TP.
0	Mr.K.Rajesh	AP/EEE	30.09.2021		Jud
51	Mr.M.Thangapandian	AP/EEE	30.09.2021	01.10.2021	Hille
2	Mrs.U.Sarayu	AP/EEE	28.09.2021	30.09.2021	12mg
13	Mrs.S.T.Saranya	AP/EEE	30.09.2021		SAPEN
4	Mr.S.Sathyamoorthi	AP/EEE	28.09.2021	04.10.2021	This
55	Ms.K.Tamilselvi	AP/EEE	29.09.2021	04.10.2021	DKURST
56	Mrs.P.Kaleeswari	AP/CSE	28.09.2021	01.10.2021	DOXA
57	Mrs.J.Prisca Mary	AP/CSE	27.09.2021	29.09.2021	10 Pritte
9	Mrs.C.Kalpana	AP/CSE	29.09.2021	04.10.2021	1. XAY
0	Mr.Arockialrudayaraja	AP/CSE	01.10.2021		FAOD
1	Mrs. R. Vasuki	AP/CSE	28.09.2021	01.10.2021	Vant.
52	Mrs.G.Sashikala	AP/CSE	01.10.2021	04.10.2021	1 Ares
53	Mrs.K.ShanmugaPriya	AP/CSE	28.09.2021	01.10.2021	A shad
64	Mrs.M.Pavithra	AP/CSE	01.10.2021	1 8	Epiint

G. Continutor G. SurvoorsenJow

Princip

Dr. J.SUNDARARAJAN, B.E., M.Tech., Ph.D., Principal NPR College of Engineering & Technology Nathum, Olndiget (01) - 624 401.





SQUAD DUTY LIST

First Internal Examination for Higher Semester Sep/Oct 2021

Squad Duty List

Date :22.09.2021

S.No.	Name of the Staff	Designation	Allotted Department	Signature
1.	V.Muthukumar	Asso.Prof/Civil	ECE	V.Mar.
2.	Dr.T.Malalchamy	Preofessor/Mech	EEE	Airan
3.	Dr.S.M.Vijayarajan	Asso.Prof/ECE	Civil	Sah D
4.	Mrs.S.T.Saranya	AP/EEE	CSE	20.00
5.	Mrs.V.Sujitha	AP/CSE	Mech 2	Sunoj.

Exam Cell Coordinator G. SUNDARDRAJOW

Principa

Dr. J.SUNDARARAJAN,

B.E., M.Tech., Ph.D., Principal N.P.R. College of Engineering & Technology Natham, Dindigul (Dt) - 624 401.





Squad Duty List Report



Squad Duty Report

 Name of the Squad member Dn Tr. Holos Chile map
 Designative/Department: Asr part / Piecky
 Date: 38.09.2022

 Even
 Supervisor
 Permitters & Allation
 Whether the Association was served by Malarattion

5.No	Hall	3.00	NIVISH		ative amonts	pres		Sapervis	dan waa ctive	Verified			ified.	Renarks
	1	Name	Designation /Department	Ves	.84	Yes	80	Yes	No	Yes	No	Tes	190	
1	Ster.	macadi	ApjcAil	-	1	-		-		-			1-	
2	MALH	n k Sitar	ApicNiJ	~	1	-		-		-			10	
3				-		-		~		~			~	
۰.			APICNI	~		-		~		-			10	
\$	ALC: N	er v page	APICMS	1		1		1		/			1	

No	Student Name	Department	Year/Sec	Type of Malprocise	Action Taken	ferada
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The sample of Internal marks entered in Anna University web portal is attached below.

Period 1 – Entry of Attended hours only Period 2 – Entry of internal marks (**IM1**) Period 3 – Entry of internal marks (**IM2**) Period 4 – Entry of internal marks (**MODEL**)



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NOV. / DEC. EXAMINATION, 2021 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

Branch Code / Name : 106 : B.E. Electronics and Communication Engineering University : AUC Semester : 07

Register No.	Name of the Student		Attend hr 1	Total hr 1	Attend hr 2	Total hr2	IM 2	Attend hr 3	Tot hr 3	IM 3	Attend hr 4	Total hr4	
20818106001	ABILASHA M	EC8092	21	21	15	15	99	15	16	100	22	22	100
		EC8701	21	21	17	17	97	16	17	_ 98	17	17	98
		EC8702	21	21	14	14	98	14	14	_ 99	20	20	99
		EC8711									60	60	99
		EC8751	22	22	16	16	98	15	16	97	16	16	97
		EC8761									60	60	100
		EC8791	21	21	14	14	96	15	15	97	21	21	99
		OIC751	21	21	16	16	100	16	16	100	21	21	100
20818106002	ABINAYA S	EC8092	21	21	15	15	99	16	16	100	22	22	100
		EC8701	21	21	17	17	99	17	17	99	17	17	99
		EC8702	21	21	14	14	99	14	14	99	20	20	99
		EC8711									60	60	99
		EC8751	22	22	16	16	98	16	16	98	16	16	98
		EC8761									60	60	100
		EC8791	21	21	14	14	94	15	15	94	21	21	98
		OIC751	21	21	16	16	100	16	16	100	21	21	100
20818106004	BLESSING X	EC8092	21	21	15	15	98	16	16	98	22	22	98
		EC8701	21	21	17	17	96	17	17	96	17	17	96
		EC8702	21	21	13	14	95	13	14	95	20	20	94
		EC8711									60	60	97
		EC8751	21	22	16	16	92	16	16	92	16	16	92
		EC8761									60	60	98
		EC8791	20	21	13	14	92	14	15	92	21	21	94
		OIC751	21	21	16	16	92	16		92	21	21	92
20818106005	DHARSHNI V	EC8092	21	21	15	15	95	15		95	22	22	98
		EC8701	20	21	16	17	93	16	17	93	16	17	93
		EC8702	20	21	14	14	91	14		91	20	20	90
		EC8711									54	60	95
		EC8751	19	22	14	16	90	14	16	90	14	16	90
		EC8761									54	60	99
		EC8791	21	21	14	14	90	14	15	90	19	21	92
		OIC751	20	21	15	16	90	15	16	90	21	21	90
20818106007	DURGA DEVI B	EC8092	21	21	14	15	97	15	16	97	20	22	98
		EC8701	20	21	17	17	95	17	17	95	17	17	95
		EC8702	21	21	14	14	92	14		92	18	20	93
		EC8711									60	<u>-</u> 60	96
		EC8751	20	22	15		90	 15		90	15		90
		EC8761									60	60	99
		EC8791	21	21			90	14		90	21	21	94
		OIC751	20	21			98	16	<u>15</u> 16		20	21	98
20818106008	DURGA DEVI S	EC8092	21	21			97	<u>-</u> 15		97	22		98
		EC8701	21	21	13	<u>13</u> 17	96	<u>13</u> 17		96	17		96
		EC8702	20	21			98	14	<u>''</u> 14	98	20	20	97
		EC8711									60	<u>20</u> 60	98
		EC8751	22	22		16	98	16		98	<u>00</u> 16		98
		EC8761			'_						60	60	98
		EC8791	21	21		14	96	15		96	21	21	94
		OIC751	21	21		14	98	16			21	21	98
20818106009	HARIPRIYA M	EC8092	21	21	15		98	<u>16</u> 16		99	22	21	98
20010100009		EC8092 EC8701			¹⁵ 17	<u>15</u> 17	98						98
			21	21				17			17		96
		EC8702	21	21	14	14	_ 97	14	14	_97_	20		
		EC8711									60	60	97
		EC8751	22	22	16		-98		- 16	- 98		16	98



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	EC8761									60	60	98
	EC8791	1	21	14	14	96			96		21	98
	OIC751	1	21	16	16	98	16	16	98		21	98
0818106010 ILAKKIYA B	EC8092		21	13	15	99			100		22	100
	EC8701		21	15	17	98		17	98	15	17	98
	EC8702		21	12	14	99	12	14	99		20	99
	EC8711										<u> </u>	99
	EC8751	2	22	14	16	98	14	16	98	14	16	98
	EC8761									60	60	100
	EC8791	1	21	12	14	96		15	96		21	100
	OIC751		21	13	16	98		16	98	21	21	98
20818106011 JAYA PRATHAP S	EC8092		21	12	15	86			92		22	
	EC8701		21	15		85		17	85		17	85
	EC8702	19	21	13	14		13	14	85	19	20	87
	EC8711									54		92
	EC8751	18	22	12	16	85	12	16	85	12	16	85
	EC8761									54		96
	EC8791	19	21	12	14		- 12		88		21	90
	OIC751		21	13	16	85		16	85		21	85
20818106012 JEYARAJ S	EC8092		21		15			16			22	98
	EC8701		21	15		85	15	17	85	15		85
	EC8702		21	13	14	89	13	14		19	20	91
	EC8711									60	<u> </u>	95
	EC8751	22	22	14	16	88	14	16	88	14	<u> 16</u>	88
	EC8761										60	100
	EC8791		21	13	14				88	20	21	92
	OIC751 EC8092	21	21	14	16	90 95	- 14	<u>16</u>	90	20	<u>21</u> 22	90
20818106013 KIRUTHIKA R									95	- 22		95
	EC8701 EC8702	21	21	16	<u></u> 17 14	95 91	16		95	<u>16</u> 20	<u>17</u> 20	95 92
			21	14			14	14	91		<u>20</u> 60	92
	EC8711 EC8751		22			 90			90	- <u>- 60</u> 15	<u>60</u> 16	97
	EC8761				10					60	<u>16</u> 60	
	EC8791									20		
	OIC751	<u>21</u>	2121	<u>14</u> 16	<u></u> 16	<u>90</u> 90	- 14	<u>15</u> 16	90 90	20	<u>21</u> - 21	94
20818106014 MANOJ PRABHAKAR V	EC8092	- <u>21</u> 19	21	<u>16</u> 14		<u>90</u> 92	16	<u>16</u> 16	90 92			<u>90</u> 95
	EC8701	<u>19</u> 20	21 21	¹⁴ 16	<u>15</u> 17	<u>92</u> 85	- <u>14</u> 16	¹⁶ 17	<u>92</u> 85		<mark>22</mark> 17	95 85
	EC8701	20	21 21	¹⁶ 14	<u>1/</u> 14			<u>1</u> / 14		20		85
	EC8702									20	20	87 92
	EC8751		22			 86			86		<u>60</u> 16	92 86
	EC8761		£	'4						<u>14</u> 57		
	EC8791	 19	21	14	14	86			86	20		90
	OIC751	20	21	¹⁴ 14	14	90	14	<u>15</u> 16	90	20	21	90
20818106016 MUKESH KANNA G	EC8092	20	21	14	15	<u></u> 85	13	<u>10</u> 16	85	21	21	90
	EC8701	20	21						80	16		80
	EC8702	21	21			84		<u>''</u> 14	84	19	20	85
	EC8711											91
	EC8751	20	22	12	16	82	12		82	12	<u>-</u>	82
	EC8761										<u>-</u> 60	98
	EC8791	20	21	14		82	15		82	20	21	
	OIC751	20	21	12	16	82		15	82	19	21	
20818106017 MUTHU VIGNESH M	EC8092	20	21	15	15					21		100
	EC8701	21	21	¹³ 17	13	<u>-</u> 94			94	17		
	EC8702	21	21			<u>9</u>		<u>''</u> 14	<u>-</u> 95	20	20	
	EC8711			'			'			60		
	EC8751	22	22	15	16	 96	 15		96	15	<u>-</u>	96
	EC8761									60		100
										~~		



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	OIC751		21	15	16	96	15	16	96	21	21	96
20818106018 NISHA M	EC8092	21	21	15	15	95	16	16	95	22	22	96
	EC8701	21	21	15	17	95	15	17	95	15	17	95
	EC8702	1	21	13	14	97	13	14	97	20	20	98
	EC8711									60	60	97
	EC8751	2	22	16	16	96	16	16	96	16	16	96
	EC8761									60	60	99
	EC8791		21	14	14	98	14			21	21	98
	OIC751		21	16	<u></u> 15	96	16		 		21	96
20818106019 NIVETHA K S	EC8092	- <u>21</u> 20	<u>²¹</u> 21	<u>15</u> 16	$\frac{15}{17}$	<u>94</u> 91	<u>16</u> 16		94	22 16		<u>94</u> 91
	EC8701	20	21 21	14	<u>1/</u> 14		14	<u>17</u> 14	92	20	<u>17</u> 20	
	EC8711									60		
	EC8751	22	22	15		90	15		90	15		90
	EC8761									60	60	
	EC8791	21	21	14		90	14	15	90	21	21	94
	OIC751	20	21	16	16	90	16	16	90	21	21	90
20818106020 PONBHARATHI V	EC8092	21	21	15	15	90	14	16	90	20	22	98
	EC8701	21	21	17	17	88	17	17	88	17	17	88
	EC8702	21	21	14	14	88	14	14	88	19	20	84
	EC8711									57	60	95
	EC8751	22	22	14	16	86	14	16	86	14	16	86
	EC8761									57	60	98
	EC8791	1	21	14	14	86	15	15	86		21	90
	OIC751		21	14	16	86	14	16	86	21	21	95
20818106022 PUGALARASU S	EC8092	21	21	15	15	91	15	16		20	22	98
	EC8701		21	17		85	17	17	85	17	17	85
	EC8702					90	14			19		92_
	EC8711	22	22	46			46	46		57	<u>60</u> 16	96
	EC8751 EC8761			15	16	84	15	16	84		60	84 98
	EC8791	21	21	14	14	84	15	15	84	21		90
	OIC751	21	21	15	16	84	15	16	84	21	21	95
20818106023 PUSHPA PRIYADHARSHINI R	EC8092	20	21	15		95	16		95	21	22	97
	EC8701	21	21	17	17	95	17		95	17	17	95
	EC8702	21	21	14	14	94	14	14	94	20	20	96
	EC8711									60	60	96
	EC8751	20	22	16	16	94	16	16	94	16	16	94
	EC8761									60	60	99
	EC8791	21	21	14	14	94	15	15	94	21	21	96
	OIC751	21	21	16	16	90	16	16	90	21	21	98
20818106024 RAJKUMAR K	EC8092	1	21	14	15	89	15	16			22	95
	EC8701	21	21	16	17	93	16	17	93	16	17	93
	EC8702		21	13	14	92	13	14		18	20	93_
	EC8711									57	<u> </u>	96
	EC8751			15	16	90	15	16	90	15	<u> 16</u>	90
	EC8761											99
	EC8791		21	13	14	90	14	15	 	20	21	92 98
20818106026 SARITHARANI K	OIC751 EC8092	21 21	21 21	15 14	<u>16</u> 15	90 98	15 16	<u>16</u> 16	 	20	21	<u>98</u> 98
	EC8092	21	21 21		<u>15</u> - 17	98 95	<u>16</u> 16	<u>16</u> 17	99	16		<u>98</u>
	EC8701	21	<u> 21</u> 21	14	<u>1/</u> 14	<u>95</u> 	14	<u>1</u> / 14	95 98	20		<u>95</u> 98
	EC8702									60		<u>90</u> 98
	EC8751	22	22	16		96	16		96	16		<u>96</u> 96
	EC8761									60	60	98
	EC8791	21	21	14		96	15		96	21		94
	OIC751	21	21	16	16		16		98	21	21	
20818106027 SARMATHI R	EC8092	21	21	15	15		16		99	22	22	100

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	EC8701	21	21	17		95	17		95			95
	EC8701		21 21		$\frac{17}{14}-$	<u>95</u> 97		<u>1/</u> 14	95 97			<u>95</u> 98
	EC8711											98
	EC8751					<u>-</u>			92			92
	EC8761		22									100
	EC8791					92			92	21		100
	OIC751	- <u>21</u> 21	21 21	¹⁴ 16	<u>14</u> 16	<u>92</u>	<u>15</u> 16	¹⁵ 16	92	21		92
	EC8092		21					<u>16</u> 16	88		²¹ 22	<u>92</u> 95
20818106028 SATHISH KUMAR G	EC8092				<u>15</u> 17	<u>88</u> 88		<u>16</u> 17	88		22	<u>95</u> 88
	EC8701	- <u>21</u> 21	21	<u>16</u> 12								
	EC8702 EC8711		21	12	14	94	12	14				95
	EC8711 EC8751										60	95
	EC8751 EC8761		22			86		16				86
												99
	EC8791	1	21	12	14	86	14	15			21	90
	OIC751		21	15	16	86	15	16	86		21	86
20818106029 SEEMA FATHIMA S	EC8092		21	15	15	99	16	16		2	22	100
	EC8701	21	21	16	17	99	16	17		16	17	99
	EC8702	21	21	14	14	99	14	14			20	99
	EC8711									60	60	99
	EC8751		22	16	16	98		16	98	16	16	98
	EC8761									60	<u> </u>	100
	EC8791	21	21	14	14	98	15	15		21	21	98
	OIC751	21	21	16	16	100	16	16	100	21	21	100
20818106031 SOWMIYA P	EC8092	21	21	15	15	98	16	16	98	22	22	98
	EC8701	21	21	16	17	98	16	17	_ 98	16	17	98
	EC8702	21	21	14	14	98	14	14	98	20	20	98
	EC8711								_	60	60	99
	EC8751	22	22	15	16	98	15	16	98	15	16	98
	EC8761									60	60	99
	EC8791	21	21	14	14	98	15	15	98	21	21	100
	OIC751	21	21	16	16	98	16	16	98	21	21	98
20818106032 SREE RAGA SUDHA K	EC8092	21	21	14	15	97	16	16	99	22	22	97
	EC8701	21	21	16	17	97	16	17	97	16	17	97
	EC8702	21	21	14	14	98	14	14	98	20	20	98
	EC8711									60	60	98
	EC8751	22	22	16	16	96	16	16	96	16	16	96
	EC8761									60	60	99
	EC8791	21	21	14	14	96	15	15	96	21	21	98
	OIC751	21	21	16	16	96	16	16	96	21	21	96
20818106033 SURYA PRAKASH VM	EC8092	16	21	13	15	80	15	<u>16</u> 16	85	20	22	85
	EC8701	20	21	15	17		15		83	15	17	75
	EC8702	17	21	12	14	78	12	<u>-</u> 14	85	17	20	79
	EC8711			'2								92
	EC8751	17		15	16	77	15		82			52- 77
	EC8761										$\frac{16}{60}$	11- 96
	EC8761			12			12		80			<u>96</u> 90
		<u>18</u> 20	21	12	<u> 14</u> 16		12	15				
20818106035 SWETHA M	OIC751	- 20	2121	<u>15</u>	<u>16</u> 15	79	15	16	86	<u>18</u>	21	85
20010100033 SWEITAM	EC8092					97			97		22	98
	EC8701		21	16	17	84				- 16		84
	EC8702	16	21	13	14	89	13	14	89		20	90
	EC8711									54	60	91
	EC8751		22	14		86				14		86
	EC8761									54	60	99
	EC8791	18	21	13	14	86	14	15	86	20	21	94
	OIC751	20	21	14	16	80	14	16	88	21	21	95
20818106036 VARSHIINI B	EC8092	21	21	15	15	99	16	16	100	22	22	100
	EC8701	21	21	17	17	99	17	17	99	17	17	99
				14		99						99

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	EC8711									60	60	99
	EC8751	22	22	16	16	98	16	16	98	16	16	98
	EC8761									60	60	100
	EC8791	21	21	14	14	98	15	15	98	21	21	100
	OIC751	21	21	16	16	100	16	16	100	21	21	100
20818106037 VENNILA A	EC8092	21	21	14	15	98	16	16	98	22	22	98
	EC8701	21	21	17	17	95	17	17	95	17	17	95
	EC8702	21	21	14	14	95	14	14	95	20	20	96
	EC8711									60	60	97
	EC8751	22	22	15	16	92	15	16	92	15	16	92
	EC8761									60	60	99
	EC8791	21	21	14	14	92	14	15	92	21	21	94
	OIC751	21	21	16	16	92	16		92	21	21	98
20818106038 VIGNESH R	EC8092	21	21	14	15	91	15		91	21	22	97
	EC8701	21	21	16	17	90	16		90	16	17	90
	EC8702	21	21	14	14	95	14	<u>-</u> 14	95	19	20	96
	EC8711									57	60	95
	EC8751	22	22	15	16	90	15	16	90	15	16	90
	EC8761									57	60	100
	EC8791	21	21	14	14	90	15	15	90	21	21	
	OIC751	21	21	15	16		15		90	20	21	
20818106039 VISHALINI B	EC8092	21	21	¹⁵ 15	15	97			97	20		
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	EC8711									57	<u> </u>	94
	EC8751	20	22	15	16	94	15	16	94	15	16	94
	EC8761									57	60	96
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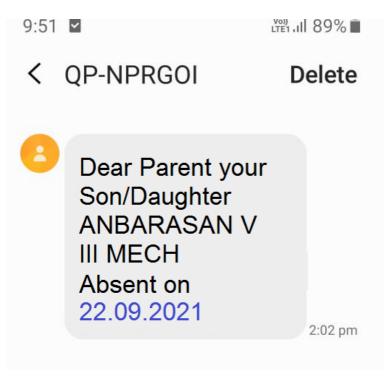
Anna University - COE





Continuous Internal Evaluation (CIE) Report to Parents

Absent Report to the Parents



V.Anbarasan -III-Mech Absent SMS





ANNA UNIVERSITY -STUDENT LOGIN WEBPORTAL

elcome MANI BHARATHI R !!

PROFILE	EXA	M SCHEDULE	REG	PREVIEW	ASSESSMENT	EXAM RES	ATS ELE	GRIEVAN	HCE
	Report	Period I		Report P	eriod II	Proto and the	Report Pe	eriod III	
Subject Code	Total .	Attended Period		Attended Period	Assessment Mark(Out of 100)		Attended Period	Assessment Mark(Out of 100)	To Per
GE6757	21	20	16	14	89	18	16	97	
ME6005	22	21	26	25	56	19	17	100	
ME6012	15	14	23	19	44	22	21	95	
ME6701	18	17	19	17	47	21	18	56	
ME6702	25	24	21	18	82	24	23	89	1
ME6703	24	23	19	17	44	13	12	79	

Note:

 The attendance details are given only in terms of periods. If the details are format like % of attendance, you may approach the concerned faculty men necessary changes.

 The assessment marks obtained are displayed for the maximum of 100 m
 If any discrepancy is noticed by a student, it may be clarified with the cond members.



Anna University, Chennai Office of the Controller of Examinations Pre- Examination Monitoring System

Welcome HARISHWAR S !!

Result for April / May Examination,2022

Register Number	:920819106019		
Name :	HARISHWAR S		
Branch :	B.E. Electronics and Communicat	ion Engineering	
Semester	Subject Code	Grade	Result
06	EC8004	B+	PASS
06	EC8095	В	PASS
06	EC8611	0	PASS
06	EC8651	A+	PASS
06	EC8652	B+	PASS
06	EC8661	0	PASS
06	EC8681	0	PASS
06	EC8691	B+	PASS
06	HS8581	A+	PASS
06	MG8591	В	PASS



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Study materials			Personal Details					
Profile			Merit Scholarship	150 to 159.5 (II YEAR)	Merit Scholarship applicable	Yes		F
Student Details	Admission Number	920819104005	Lateral Entry scholarship		Siblings			
Y Achievement	Name	ANANDAKUMAR A	•					
D Attendance	Course	COMPUTER SCIENCE & ENGINEERING	Skill and Carrier Concession	Yes	Application No			
1 Fees	Batch	CSE- 3 - YEAR - SEM 5	Admission Number	920819104005	Name of the Student	ANANDAKUMAR	A	
🕑 Library			Middle Name		Gender	Male		
	Grading Level	ANNA UNIVERSITY	Date of Joining	2019-08-05	Date of Birth	2001-11-12		
 Examination Complaints /Concerns 	Email WhatsApp	+918940064965	WhatsApp Mobile No.	+918940064965	Student Category	Regular		
	Mobile No.		Mode of Transport		Fmail	(not set)		
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Students Profile in ERP Portal



Fig: Library Book Links Utilized details in ERP





Fig: Library Enrty through ERP

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Attendance	Name	ANANDAKUMAR A	1	ODD SEMESTER (2021-2022)	INTERNAL 1	View Report
☑ Fees☑ Library	Batch	ENGINEERING CSE- 3 - YEAR - SEM 5	3		INTERNAL 2	View Report
 Examination 	Grade Email	ANNA UNIVERSITY	5		MODEL EXAM	View Report
🗩 Complaints /Concerns	WhatsApp Mobile No.	+918940064965	6			
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Fig: Internal Examination Details in ERP





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	PR Nager, Natham - 624 401,Diadigui (District), Taminadu, Iadia. Date : 2-March-2022 INTERNAL 1	
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	MA8551 Algebra and Number theory 100	
	CS8591 Computer networks 98	
	CS8501 Theory of Computation 96	
	EC8691 Microprocessors and Microcontrollers 98	
	CS8592 Object Oriented Analysis & Design 97	
	Lab Subjects INTERNAL 1	1
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Fig: Internal Exam Marks Details in ERP

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Fig: Students Grivenance in ERP

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Fig: Notes Shared to the students

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🍐 Student Details	#	Name	Analysis & Design	Number Theory	Computer Networks	Microprocessors And Microcontrollers	Analysis And Design Laboratory	Analysis And Design Laboratory	Analysis And Design Laboratory
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Fig: Students Attendance in ERP web portal





Sample reports of CIE

Scheme of Evaluation

- 1. Question pattern
- 2. Answer key & sheet



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Register Number:

INTERNAL EXAMINATION I - OCTOBER 2021

3rd Semester - ECE

EC8391- CONTROL SYSTEM ENGINEERING

Duration: 90 Minutes

Date: 4.10. 22

Maximum marks: 50

Course Outcomes ,Question Number, Marks:

COs	COI	CO2
Ques. No.	1,2,7	3,4,5,6,8
Max. Marks	20	30

COs & K-Level:

6

CO1: Students can be able to identify the various control system components and their representations.

CO2: Students will be able to analyze the various time domain parameters.

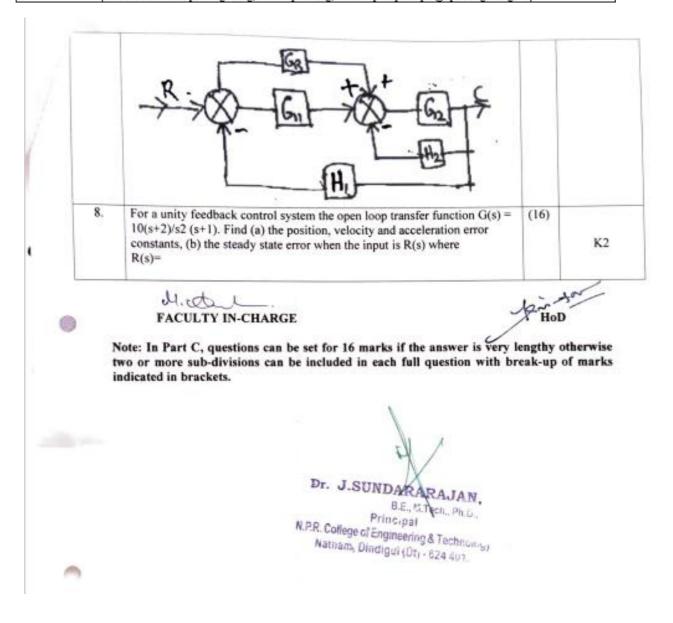
K-Le	vels	K1: Remember	K2: Understand	K3:Apply	K4:Analyse	K5:Evalu ate	K6:Create
Q.No			Answer /	All Questions			Bloom's Taxonomy K-level
			PART - /	A (5 x 2 = 10 m	narks)		
 Compare open loop and closed loop system. 							
2. What is a Gear train? What are electrical Analogous of gears?							K1
How the system is classified based on depending ratio?							K1
4.			bas a dumping r c. Determine the			icy of	КΙ
5.	What	is the effect of P	controller on the	e system perfo	rmance?		K1
			PART -1	B (1 x 8 = 8 m	arks)		1
6.	loop ti functio	ransfer function (olied to the unity G(S)=16/S(S+8). quency of oscilla oscillations, ω _d	Find, 1. Its cl	osed loop trans	fer	К2
			PART - C	(2 x16 = 32 m	narks)		
7.	Obtain	C(S)R(S) using	block diagram r	eduction rules	*	(16)	K2



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INTERNAL EXAMINATION I- Dotto OF 2 2021 EC8391- CONTROL SYSTEM ENGINEERING Answer Key

PART - A

1. Compare open loop and closed loop system.
Open loop

Inaccurate and unreliable. Simple and economical Stable Accurate and reliable.

Closed loop

Complex and costlier. Great efforts are needed to design a stable system.

- What is a Gear train? What are electrical Analogous of gears? A gear train is a mechanical device that transmits energy from one part of the system to another part to attain Maximum power transfer. The electrical Analogous of gears is Transformers.
- 3. How the system is classified based on depending ratio?
 - The system is classified into 4 types
 - I. Undamped system
 - 2. Underdamped system
 - 3. Critically damped system
 - 4. Over damped system
- A second order system bas a damping ratio of 0.6 and natural frequency of escillation is 10 rad/sec. Determine the damped freq of oscillation.

$$w_e = \omega_e \sqrt{1 - Z^2}$$
$$= 10\sqrt{1 - (0.6)^2}$$
$$= 8rad / sec.$$

- 5. What is the effect of PI controller on the system performance?
 - The PI controller increases the order of the system by one, which results in reducing the steady state error.
 - · The system becomes less stable



PART-B
 A unit step input is applied to the unity feedback system for which open loop transfer
 function G(S)=16/S(S+8). Find, 1. Its closed loop transfer function, 2. Natural frequency

of oscillation (04, 3, Damping ratio 2, 4, Damped frequency of oscillations, 694

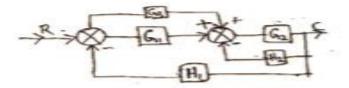




i) $\frac{c(s)}{R(s)} = \frac{G(s)}{1 + G(s)H(s)}$ $\frac{16}{s(s+8)}$ $\frac{16}{1 + \frac{16}{s(s+8)}}$ $= \frac{16}{s^3 + 8s + 16}$ ii) The standard equation is, S2+2zwns+wn2 Comparing S2+8S + 16 with standard equation, Wn2 = 16 2zwn = 8 Wn = $\sqrt{16}$ z= 8/8

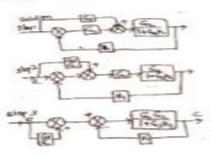
Wn = V16 2=8/8 = 4 rad / sec z = 1 iv) wd = wn \1-z2 = 4\1-1 wd = 0 rad/sec

PART-C 7. Obtain C(S)(R(S) using block diagram reduction rules.



Soln:

0







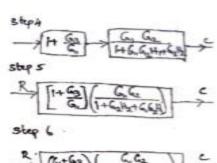
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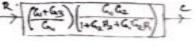
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 For a unity feedback control system the open loop transfer function G(s) - 10(s+2)/s2 (s+1). Find (a) the position, velocity and acceleration error constants. (b) the steady state error when the input is R(s) where R(s)-

Soln.

(a) To find the static error constants For a unity feed back system, H(s) = 1 Position error Constant, Kr = Lt G(s)H(s) = Lt G(s)

 $= \lim_{s \to \infty} \frac{10(s+2)}{s^2(s+1)} = \infty$

Velocity error constant, $K_v = \underset{s \to 0}{Lt} s.G(s)H(s) = \underset{s \to 0}{Lt} s.G(s)$

$$= \lim_{s \to 0} s \frac{10(s+2)}{s^2(s+1)} = \infty$$



Acceleration error constant, $K_s = \underset{i \to 0}{Lt} s^2 G(s) H(s) = \underset{i \to 0}{Lt} s^2 G(s)$ $= \underset{i \to 0}{Lt} s^2 \frac{10(s+2)}{s^2(s+1)} = \frac{10 \times 2}{1} = 20$



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b) To find steady state error $\begin{aligned}
\text{Error signal in s - domain, E(s)} &= \frac{R(s)}{1 + C(s)H(s)} \\
&\stackrel{\cdot}{\to} \frac{E(s)}{R(s)} = \frac{1}{1 + C(s)H(s)}, \quad \text{Given that } C(s) \frac{10(s+2)}{s^2(s+1)} and H(s) = 1 \\
&\stackrel{\cdot}{\to} \frac{E(s)}{R(s)} = \frac{1}{1 + \frac{10(s+2)}{s^2(s+1)}} = \frac{s^2(s+1)}{s^2(s+1) + 10(s+2)} \\
&= \frac{s^2 + s^2}{s^2 + s^2 + 10s + 20} = \frac{s^2 + s^2}{20 + 100s + s^2 + s^2} = \frac{s^2}{20} + \frac{s^2}{40} + \dots \end{aligned}$ $\begin{aligned}
\text{E(s)=R(s)} \left[\frac{s^2}{20} + \frac{s^3}{40} + \cdots \right] \\
&= \frac{1}{20} s^2 R(s) + \frac{1}{40} s^2 R(s) + \dots \\
\text{Or taking inverse laplace transform,} \\
&e(t) = \frac{1}{20} \overline{r}(t) + \frac{1}{40} + \overline{r}(t) + \dots \\
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STUDENT ANSWER SHEET

Pout-A a Open loop Closed Loop * Inaccegate and umeliable. * Accurate and seliable. * Semple and economical Complex and costlier (It's stable Cyreat efforts_ age to design a stable system 2 Ger train A gear train is a mechanical device that transmits Chergyfrom One the system to another part to paut thans_ transfer. The electrical Analogo Maximum Power geore Transformeys. 29 3 System is classified based on depending ratio: The System is class fiel into 4 types, * Curdanped system * underdamped System Critically damped System * Over damped system.



ISO 900

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A Con:-Olumping grates = 0.6 Matural Frequency of astillation is 10 rad I see Solv $\omega_{1} = \omega_{1} \sqrt{1-2^{2}}$ = 40 \ (1-(0.6)² = 8 rad / see 0 5 PI Controller: The PI Controller Priceases the order of the by one, which yosults in yeducing System the steady Crmr. The System becomes less Stable-=) Part-B 6 Solu 0) G(S) (2)) R(S) 1+(13)+(15) = S(S+8) 16 5+85+16 16 S(Sts)





	ii) The standard equation 75, S ² . + 22 whe + whish Comparing 32 + 85 + 16 with standard equation, Whish = 16 J2 whish standard equation, Whish = 16 J2 whish = 8/8 = 4 mod / see 2 = 1
-	$wd = Wn \sqrt{1-z_2}$ = $4\sqrt{1-1}$ = 0 Grad (see
Ð	by solving, using a reduction rules.
	$\mathcal{L} \qquad \qquad$





Step 2:- $ \begin{array}{c} 13/G_1 \\ \hline \\ R \\ \hline \\ R \end{array} $ $ \begin{array}{c} 13/G_1 \\ \hline \\ 1+G_12 \\ \hline \\ 1+G_2H_2 \\ \hline \\ \hline$
Step 3:- $R + C_{11} G_{12} + C_{12} + C_{11} G_{12} + C_{11} G_{12} + C_{12} + C_{$
 8 tep 4: R 1+ <u>G13</u> <u>G1 G12</u> <u>C</u> P 1+ <u>G11</u> <u>F4 G1 G12 H, + G3 M2</u> Step 5:-
$\frac{P}{\left[\frac{1+G_{13}}{G_{11}}\right]\left(\frac{C_{1},G_{2}}{1+G_{12}+1_{2}+G_{1},G_{2}+1_{3}}\right)}{\left(\frac{1+G_{12}+1_{2}+G_{1},G_{12}+1_{3}}{1+G_{12}+1_{2}+G_{1},G_{12}+1_{3}}\right)}$ $\frac{C_{1}}{G_{1}}\left(\frac{C_{1}}{1+G_{2}+1_{2}}+G_{1},G_{12}+1_{3}}{1+G_{12}+1_{3}}\right)$





6) to find steady state error Forwar Sizenal in s-domain (F(s) = P(s) 1+ 64 (3) +1 (3) $\frac{F(s)}{P(s)} = \frac{1}{1 + G(s)H(s)}, \quad \frac{given + hat}{s^2(s+1)} = \frac{1}{s^2(s+1)}$ $= - \frac{1}{1 + \frac{16(s+2)}{s^2(s+1)}} = \frac{s^2(s+1)}{s^2(s+1)} + \frac{16(s+2)}{s^2(s+1)}$ V. $= \frac{s^3 + s^2}{s^3 + s^2} = \frac{s^2 + s^3}{s^2 + 10s + 20} = \frac{s^2 + s^3}{s^2 + s^3} = \frac{s^2 + s^3}{20} = \frac{s^2 + s^3}{40}$ $F(s) = R(s) \int \frac{s^2}{20} + \frac{s^3}{40} + \frac{1}{10}$ $=\frac{1}{20}S^2R(S) + \frac{1}{40}S^3R(S) + \frac{1}{40}S$ on taking poverse laplace transform $c(t) = \frac{1}{20} v(t) + \frac{1}{20} v(t) + \dots$ $R(s) = \frac{3}{s} - \frac{2}{s^2} + \frac{1}{3s^3}$





(8) GD: - Gy(2) = 10 (2+2) 1.00 s²(s+1) Solv a) To find the state error constants H(2)= 1 -> cerity feedback System Position error) Constant J Kp = (t G(0) H(s) = lt G(0) S>0 $= \underbrace{lt}_{S \to 0} \underbrace{lo(s+2)}_{S^2(s+1)} = \infty$ -Velocity eroor Constant, Ky = It S. Gree) Hrs) = It S. Gres) S>0 S>0 5 Acceleration comor 2 = lt s² Gyce) H(s) = lt s² Gyce) Constant 5 30 S >0 . 6 $= \underbrace{lt}_{S \to 0} \underbrace{s^2}_{S \to 0} \underbrace{(o(S+2))}_{S \to 0} = \underbrace{(or2)}_{S \to 0} \underbrace{(or2)}_{S \to 0} = \underbrace{(or2)}_{S \to 0} \underbrace{(or2)}_{S \to 0}$



 $\frac{5^{2}}{64} + \frac{5^{2}}{62} + \frac{5^$ -- - - - [R(3)] . 3 59 55 $= 1^{-1} \begin{bmatrix} 3 & -2 & +1 \\ 3 & -2^2 & +1 \end{bmatrix}$ NATHAM $\frac{1}{3} - 2t + \frac{1}{3} \frac{t^2}{21} = \frac{1}{3} - 2t + \frac{t^2}{6}$ - 3 4 - 3 5 5 10 40 4 r(t) = d r(t) = -2 + -t 2t = -2 + t/3 $\overline{\sigma(t)} = \frac{d}{\sigma(t)} = \frac{d}{\sigma(t)} = \frac{1}{3}$ $\frac{\sigma(t) = d^3 \sigma(t) = d \sigma(t) = 0}{dt^3}$... Error Signal in time domain, c(t) - 1 d r(t) 20 dt $= \frac{1}{20} \left(\frac{1}{3} \right) = \frac{1}{60}$ Steady State error, ess = lt e(+). = lt -1 t->00 = 1



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MODEL PRACTICAL EXAMINATION SCHEDULE

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ACADEMIC YEAR (2021-2022) - ODD SEMESTER

MODEL PRACTICAL EXAMINATION - NOV / DEC 2021

YEAR	SUBJECT	DATE & SESSION
II	EC8381 - Fundamentals of Data Structures	26.11.2021
	in C Laboratory	FN & AN
Π	EC8361- Analog and Digital Circuits	27.11.2021
	Laboratory	FN & AN
III	EC8562 - Digital Signal Processing	26.11.2021
	Laboratory	FN & AN
III	EC8561 - Communication Systems	27.11.2021
	Laboratory	FN & AN
III	EC8563 - Communication Networks	29.11.2021
	Laboratory	FN & AN
IV	EC8711 - Embedded Laboratory	27.11.2021
	Eco/II - Embedded Laboratory	FN & AN
IV	EC8761- Advanced Communication	26.11.2021
	Laboratory	FN & AN

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MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8381 - FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY

VENUE: CSE MAIN LAB

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/3 BATCH-I	26.11.2021 FN	09.30 a.m. to 12.30 p.m.	920820106001 - 920820106008, 920820106010 - 920820106012, 920820106014 - 920820106027	25
2	BE/ECE/3 BATCH-II	26.11.2021 AN	01.00 p.m. to 04.00 p.m.	920820106028 - 920820106029, 920820106031 - 920820106046 920820106301 - 920820106307	25

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MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8361- ANALOG AND DIGITAL CIRCUITS LABORATORY

VENUE: ELECTRONICS LAB

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/3 BATCH-I	27.11.2021 FN	09.30 a.m. to 12.30 p.m.	920820106001 - 920820106008, 920820106010 - 920820106012, 920820106014 - 920820106027	25
2	BE/ECE/3 BATCH-II	27.11.2021 AN	01.00 p.m. to 04.00 p.m.	920820106028 - 920820106029, 920820106031 - 920820106046 920820106301 - 920820106307	25

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MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8562 - DIGITAL SIGNAL PROCESSING LABORATORY

VENUE: DSP LAB

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/5 BATCH-I	26.11.2021 FN	09.30 a.m. to 12.30 p.m.	920819106002 - 920819106004, 920819106006 - 920819106017, 920819106019 - 920819106026 920819106028 - 920819106037	33
2	BE/ECE/5 BATCH-II	26.11.2021 AN	01.00 p.m. to 04.00 p.m.	920819106038 - 920819106046 920819106048 - 920819106052 920819106054 - 920819106070 920819106302	32

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8561 - COMMUNICATION SYSTEMS LABORATORY

VENUE: OCN LAB

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/5 BATCH-I	27.11.2021 FN	09.30 a.m. to 12.30 p.m.	920819106002 - 920819106004, 920819106006 - 920819106017, 920819106019 - 920819106026 920819106028 - 920819106037	33
2	BE/ECE/5 BATCH-II	27.11.2021 FN	01.00 p.m. to 04.00 p.m.	920819106038 - 920819106046 920819106048 - 920819106052 920819106054 - 920819106070 920819106302	32

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8563 - COMMUNICATION NETWORKS LABORATORY

VENUE: EMBEDDED LAB

SI. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/5 BATCH-I	29.11.2021 FN	09.30 a.m. to 12.30 p.m.	920819106002 - 920819106004, 920819106006 - 920819106017, 920819106019 - 920819106026 920819106028 - 920819106037	33
2	BE/ECE/5 BATCH-II	29.11.2021 FN	01.00 p.m. to 04.00 p.m.	920819106038 - 920819106046 920819106048 - 920819106052 920819106054 - 920819106070 920819106302	32

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8711 - EMBEDDED LABORATORY

VENUE: Embedded Laboratory

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/7 BATCH-I	27.11.2021 FN	09.30 a.m. to 12.30 p.m.	920818106001, 920818106002, 920818106004, 920818106005, 920818106007-920818106014, 920818106016-920818106020	17
2	BE/ECE/7 BATCH-II	27.11.2021 AN	01.00 p.m. to 04.00 p.m.	920818106022-920818106024, 920818106026-920818106029, 920818106031-920818106033, 920818106035-920818106040, 920818106302	17

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MODEL PRACTICAL EXAMINATION

LABORATORY SCHEDULE

EC8761- ADVANCED COMMUNICATION LABORATORY

VENUE: OCN LAB

Sl. No.	Degree / Branch / Semester	Date & Session of Exam	Time	Register No.	Total No. of students
1.	BE/ECE/7 BATCH-I	26.11.2021 FN	09.30 a.m. to 12.30 p.m.	920818106001, 920818106002, 920818106004, 920818106005, 920818106007-920818106014, 920818106016-920818106020	17
2	BE/ECE/7 BATCH-II	26.11.2021 AN	01.00 p.m. to 04.00 p.m.	920818106022-920818106024, 920818106026-920818106029, 920818106031-920818106033, 920818106035-920818106040, 920818106302	17

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MODEL PRACTICAL EXAMINATION QUESTION

EC8563 & COMMUNICATION NETWORKS LABORATORY

Time: 3 Hours

Max. Marks 100

Aim/Principle/Apparatus required/Procedure	Program/Drawing	Tabulation/C alculation & Results	Viva-Voce	Record	Total
10	40	30	10	10	100

1.	Create a scenario to analyze the performance of Ethernet LAN protocol through
	simulation in the following situations.
	i) Select 4 nodes and carry out data transfer between them with
	different packet sizes and different error generation. Disconnect one node and observe the performance and record.
	ii) Select 4 nodes and carry out data transfer between them. Analyze the result.
2.	Write a program to Implement any one of the Error Detection / Error Correction techniques and verify it.
3.	Write a program to compute Checksum at the transmitter end and re compute the same at receiver end for error detection
4.	Perform implementation of Stop and Wait Protocol using simulation/ programming
5.	Perform implementation of Sliding window Protocol using simulation/ programming
6.	Perform the implementation of Go-back-N Protocol using simulation/ programming
7.	Perform the Implementation of High-Level Data Link Control protocol (bit/byte stuffing)
8.	Write a Socket Program for implementing ping command.





9.	Write a program to implement Encryption and decryption of any message of 10 characters.
10.	With a suitable demonstration, Compare the performance of CSMA/CD and CSMA/CA protocols. Assume necessary parameters.
11.	Perform the implementation of Selective Repeat Protocol using simulation/ programming
12.	Perform file transfer between different hosts in a LAN using star topology and also analyze the performance when a node in the network is disconnected.
13.	Perform file transfer between different hosts in a LAN using Ring topology and also analyze the performance when a node in the network is disconnected.
14.	Implement distance vector routing algorithm (RIP) by having at least 5 hosts
15.	Implement Link state routing algorithm (OSPF) with 5 nodes
16.	Implement any one of the TCP Congestion Control Algorithm using NS and analyze its performance.
17.	Write a program to implement trace route command
18.	Write a program to implement lookup command
19.	With a suitable demonstration, create a scenario to analyze the performance of CSMA/CA protocol. Assume necessary parameters.
20.	Create a scenario to analyze the performance of CSMA/CD protocol. Assume necessary parameters.
21.	Write a program to implement IP address configuration.

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MODEL PRACTICAL EXAMINATION QUESTION

EC8563 & COMMUNICATION NETWORKS LABORATORY

Time: 3 Hours			Max. Marks 100			
Aim/Principle/Apparatus required/Procedure	Program/Drawing	Tabulation/C alculation & Results	Viva-Voce	Record	Tota	
10	40	30	10	10	100	

1.	Create a scenario to analyze the performance of Ethernet LAN protocol through
	simulation in the following situations.
	i) Select 4 nodes and carry out data transfer between them with
	different packet sizes and different error generation. Disconnect one node and observe the performance and record.
	ii) Select 4 nodes and carry out data transfer between them. Analyze the result.
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5.	Perform implementation of Sliding window Protocol using simulation/ programming
6.	Perform the implementation of Go-back-N Protocol using simulation/ programming
7.	Perform the Implementation of High-Level Data Link Control protocol (bit/byte stuffing)
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14.	Implement distance vector routing algorithm (RIP) by having at least 5 hosts
15.	Implement Link state routing algorithm (OSPF) with 5 nodes
16.	Implement any one of the TCP Congestion Control Algorithm using NS and analyze its performance.
17.	Write a program to implement trace route command
18.	Write a program to implement lookup command
19.	With a suitable demonstration, create a scenario to analyze the performance of CSMA/CA protocol. Assume necessary parameters.
20.	Create a scenario to analyze the performance of CSMA/CD protocol. Assume necessary parameters.
21.	Write a program to implement IP address configuration.

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INTERNAL EXAMINER

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Model Exam Answer Sheet

```
Reg NO: 920819106058
               Model Bractical Examination Date: 29.11.2021 JAN
EC8563 / Communication Network Lab
Implement token bus and Ring topology using Vi-Rt sim
Aim:
  To implement the token bus and ring topology
using Vi-Rt Sim simulator.
Requirement
    Pc with VI-Rt sim
Procedure :
 Delect VI-Rtsim from the menu bar
 2) select simulation -> Token Bus / Token Ring
 3) Write the program i window
 4) save and run the foryram.
Program (Token Bus):
include < protocol. h>
void main()
5
Frame x;
Token t;
X : "FRIENDS";
BUS = TOPOLOGY();
CONSTRUCT- LOGICAL RING();
WANT TO. TRANSMIT (A);
repeat
  T: TOKEN CATTURE (A);
  until (r);
```

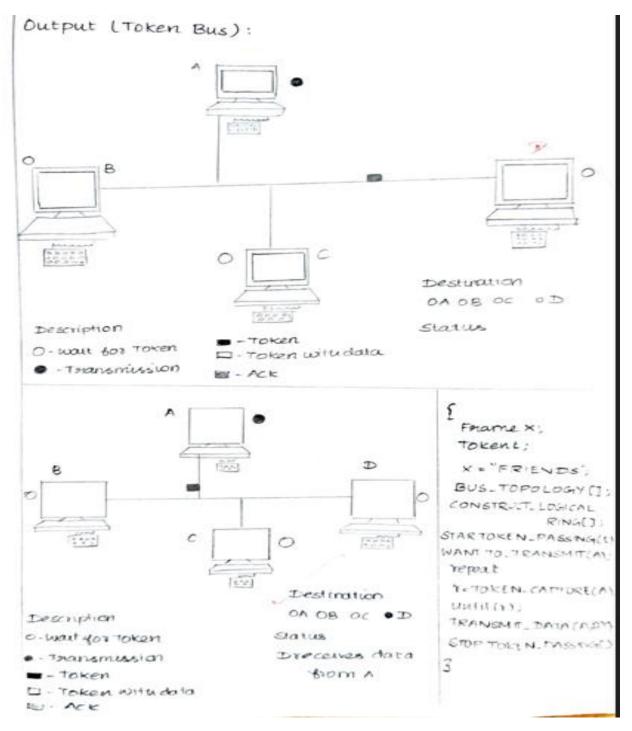


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```
TRANSMIT_DATA (A,D,X);
 STOP TOKEN _ PASSING ();
3
Priogram (Token Ring)
include <protocal.h>
void main ()
5
 Frame X;
 Token t;
 X = "HA1";
 RING_TOPOLOGY();
  CONSTRUCT_LOGICAL RING();
  START TOKEN_PASSING(L);
  WANT TO_TRANSMIT (C);
    repeat
     Y=TOKEN_CAPTURE(C);
    untel (r);
  TRANSMIT_DATA (C, B, 2)
  STOP TOKEN_ PASSING ()
 3
```



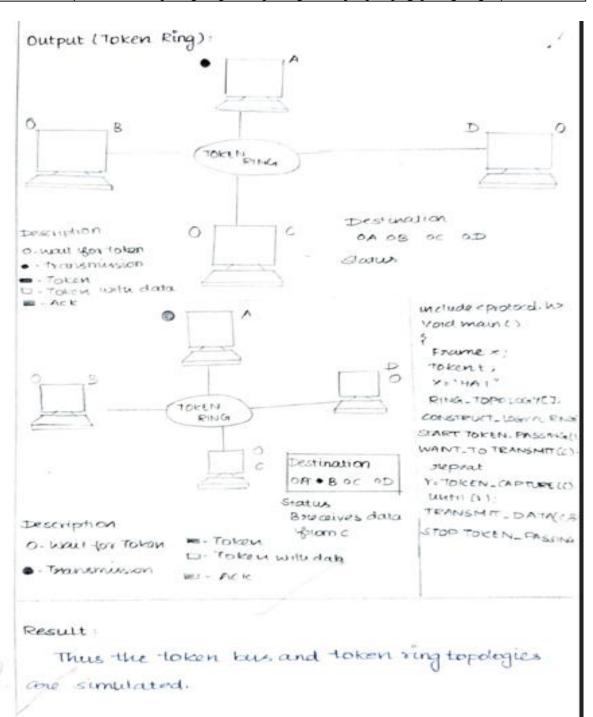




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Project Review Schedule

College Code and Name	: 9208, NPR College of Engineering & Technology
Year / Semester	: IV/VIII
Branch	: Electronics and Communication Engineering
Subject Code and Name	: EC8811- Project Work
Academic Year	: 2021-2022

Batch	Register No	Students Name	Project Title	Project Guide	
	920818106001	ABILASHA.M	A Deep Learning Model for Brain	Mr.K.Jayaprakasam	
1	920818106010	ILAKKIYA.B	Tumour Segmentation and	AP/ECE	
	920818106031	SOWMIYA.P	Classification.	AITECE	
	920818106007	DURGADEVI.B	Real Time Authentication System	Mr.J.G.Sabarish	
2.	920818106037	VENNILA.A	Based on Voting Using Embedded Technology	AP/ECE	
	920818106004	BLESSING.X	Deep Convolution Neural Network	Mrs.C.Kannika	
3	920818106032	SREE RAGA SUDHA.K	on Breast Cancer Diagnostic	Parameshwari	
	920818106036	VARSHIINI.B	Methodology.	AP/ECE	
	920818106002	ABINAYA. S	LIFI Based Automated Smart	Mrs.A.Iniya Mary,	
4	920818106018	NISHA.M	Trolley Using RFID	AP/ECE	
	920818106040	VIVEKA.S		AI/LCL	
	920818106008	DURGADEVI.S	Sensory Nerve Conduction with	Mr.S.Sudhakar	
5	920818106023	PUSHPA PRIYADHARSHINI.R	Non- Invasive Glucose Monitoring	AP/ECE	
	920818106026	SARITHA RANI.K	Using IOT		
6	920818106009	HARIPRIYA.M	Mine Rescue Ensembles for	Mr.S.Vinayagam, AP/ECE	
	920818106029	SEEMA FATHIMA.S	EEMA FATHIMA.S Underground Coal Mining		
	920818106019	NIVETHA.K. S	Blockchain Based Secure and	Dr.S.M.Vijayarajan,	
7	920818106027	SARUMATHI.R	Energy Efficient Routing Protocol	ASP/ECE	
	920818106039	VISHALINI.B	for WSN	ASI/ECE	
	920818106013	KIRUTHIKA.R	Smart Phone Based on Object	Dr.S.Surendhar,	
8	920818106035	SWETHA.M	Recognition Guidance for Visually Challenged People.	AP/ECE	
	920818106014	MANOJ PRABHAKAR.V	Design Of Tire Pressure Monitoring	Dr.S.Ponmalar	
9	920818106017	MUTHU VIGNESH.M	System with Vehicle-to-Vehicle	ASP / ECE	
	920818106038	VIGNESH.R	Communication Using IOT	ASF / ECE	
	920818106020	PONBHARATHI.V	MONG (Marchine to Marchine	M. C. Drive dhenrini	
10	920818106022	PUGALARASU.S	M2M (Machine to Machine Communication)	Ms.S.Priyadharsini AP/ECE	
	920818106028	SATHISH KUMAR.G	Communication)	AP/ECE	
	920818106011	JAYA PRATHAP.S	Marking Learning Markel G. D. C.	De M America Des	
11	920818106012	JEYARAJ.S	Machine Learning Model for Fatigue Level Detection	Dr.M.Ameena Banu, Prof / ECE	
	920818106024	RAJKUMAR.K	Level Detection	PTOI / ECE	
	920818106016	MUKESH KANNA.G	Water Quality Monitoring and	DAG : : d	
12	920818106033	SURYA PRAKASH.V.M	Waste Management Using IOT for	Dr.A.Gopisaminathan	
	920818106302	VIGNESH.S	Smart City.	Prof / ECE	

PROJECT CO-ORDINATOR Mr.K.JAYAPRAKASAM, AP/ECE

yen-to-HOD-ECE Dr.A.GOPISAMINATHAN





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ACADEMIC YEAR: 2021-22 Class: IV ECE

Class: IV ECE ACADEMIC YEAR: 2021-22							
		PROJECT ZER	OTH REVIEW MA	-		Date : 14.03.202	
S.No	Register No	Students Name	PPT	Presentation	Attendance	Total	
••			(10)	(10)	(5)	(25)	
	920818106001	ABILASHA.M	10	10	5	25	
1	920818106010	ILAKKIYA.B	10	10	5	25	
	920818106031	SOWMIYA.P	10	10	5	25	
2	920818106005	DHARSHINI.V	0	0	0	AB	
2	920818106007	DURGADEVI.B	10	9	5	24	
	920818106037	VENNILA.A	9	9	5	23	
	920818106004	BLESSING.X	9	9	5	23	
3	920818106032	SREE RAGA SUDHA.K	9	10	5	24	
	920818106036	VARSHIINI.B	9	10	5	24	
	920818106002	ABINAYA .S	10	10	5	25	
4	920818106018	NISHA.M	8	10	5	23	
	920818106040	VIVEKA.S	9	10	5	23	
5	920818106008	DURGADEVI.S	10	9	5	25	
	920818106023	PUSHPA PRIYADHARSHINI.R	9	10	5	24	
	920818106026	SARITHA RANI.K	9	9	5	23	
6	920818106009	HARIPRIYA.M	9	10	5	24	
	920818106029	SEEMA FATHIMA.S	9	10	5	24	
	920818106019	NIVETHA.K.S	9	10	5	24	
7	920818106027	SARUMATHI.R	9	10	5	24	
	920818106039	VISHALINI.B	7	8	5	20	
	920818106013	KIRUTHIKA.R	9	10	5	24	
8	920818106035	SWETHA.M	9	9	5	23	
	920818106014	MANOJ PRABHAKARV	5	10	5	20	
9	920818106017	MUTHU VIGNESH.M	9	10	5	24	
	920818106038	VIGNESH.R	9	6	5	20	
	920818106020	PONBHARATHI.V	10	5	5	20	
10	920818106022	PUGALARASU.S	10	5	5	20	
10	920818106028	SATHISH KUMAR.G	10	9	5	24	
	920818106011	JAYA PRATHAP.S	10	6	5	21	
11	920818106012	JEYARAJ.S	10	6	5	21	
11	920818106024	RAJKUMAR.K	10	9	5	24	
	920818106016	MUKESH KANNA.G	10	5	5	20	
12	920818106033	SURYA PRAKASH.V.M	10	5	5	20	
	920818106302	VIGNESH.S	10	5	5	20	

PROJECT CO-ORDINATOR Mr.K.JAYAPRAKASAM, AP/ECE

yen-ton HOD-ECE

Dr.A.GOPISAMINATHAN





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Class: IV ECE ACADEMIC YEAR: 2021-22

	Class: IV ECE ACADEMIC YEAR: 2021-22								
		PROJECT R	EVIEW 1 MARKS		Da	ate: 01.04.2022			
S.No	Register No	Students Name	PPT	Presentation	Attendance	Total			
0.110			(10)	(10)	(5)	(25)			
	920818106001	ABILASHA.M	10	10	5	25			
1	920818106010	ILAKKIYA.B	10	9	5	24			
	920818106031	SOWMIYA.P	10	10	5	25			
	920818106005	DHARSHINI.V	0	0	0	AB			
2	920818106007	DURGADEVI.B	10	10	5	25			
	920818106037	VENNILA.A	10	10	5	25			
	920818106004	BLESSING.X	10	10	5	25			
3	920818106032	SREE RAGA SUDHA.K	10	10	5	25			
	920818106036	VARSHIINI.B	10	10	5	25			
	920818106002	ABINAYA .S	10	10	5	25			
4	920818106018	NISHA.M	10	9	5	24			
	920818106040	VIVEKA.S	10	8	5	23			
5	920818106008	DURGADEVI.S	10	10	5	25			
	920818106023	PUSHPA PRIYADHARSHINI.R	10	10	5	25			
	920818106026	SARITHA RANI.K	10	10	5	25			
6	920818106009	HARIPRIYA.M	10	10	5	25			
	920818106029	SEEMA FATHIMA.S	10	10	5	25			
6	920818106019	NIVETHA.K.S	10	9	5	24			
7	920818106027	SARUMATHI.R	10	9	5	24			
	920818106039	VISHALINI.B	10	8	5	23			
•	920818106013	KIRUTHIKA.R	10	10	5	25			
8	920818106035	SWETHA.M	9	9	5	23			
	920818106014	MANOJ PRABHAKAR, V	10	5	5	20			
9	920818106017	MUTHU VIGNESH.M	10	9	5	24			
	920818106038	VIGNESH.R	10	8	5	23			
	920818106020	PONBHARATHI.V	10	8	5	23			
10	920818106022	PUGALARASU.S	10	8	5	23			
	920818106028	SATHISH KUMAR.G	10	9	5	24			
	920818106011	JAYA PRATHAP.S	10	6	5	21			
11	920818106012	JEYARAJ.S	10	10	5	25			
	920818106024	RAJKUMAR.K	10	7	5	22			
	920818106016	MUKESH KANNA.G	8	7	5	20			
12	920818106033	SURYA PRAKASH.V.M	8	7	5	20			
	920818106302	VIGNESH.S	7	8	5	20			

PROJECT CO-ORDINATOR Mr.K.JAYAPRAKASAM, AP/ECE

yen-tor HOD-ECE

Dr.A.GOPISAMINATHAN





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Class: IV ECE ACADEMIC YEAR: 2021-22

PROJECT REVIEW 2 MARKS Date: 29.04.2022							
S.No	Register No	Students Name	PPT (10)	Presentation (10)	Attendance (5)	Total (25)	
	920818106001	ABILASHA.M	10	9	5	24	
1	920818106010	ILAKKIYA.B	10	10	5	25	
2	920818106031	SOWMIYA.P	10	10	5	25	
	920818106005	DHARSHINI.V	0	0	0	AB	
2	920818106007	DURGADEVI.B	10	9	5	24	
	920818106037	VENNILA.A	10	9	5	24	
	920818106004	BLESSING.X	10	10	5	25	
3	920818106032	SREE RAGA SUDHA.K	10	9	5	24	
	920818106036	VARSHIINI.B	10	10	5	25	
	920818106002	ABINAYA .S	10	9	5	24	
4	920818106018	NISHA.M	10	9	5	24	
-	920818106040	VIVEKA.S	10	8	5	23	
	920818106008	DURGADEVI.S	10	10	5	25	
5	920818106023	PUSHPA PRIYADHARSHINI.R	10	9	5	24	
	920818106026	SARITHA RANI.K	10	9	5	24	
6	920818106009	HARIPRIYA.M	10	10	5	25	
	920818106029	SEEMA FATHIMA.S	10	10	5	25	
	920818106019	NIVETHA.K.S	10	9	5	24	
7	920818106027	SARUMATHI.R	10	10	5	25	
	920818106039	VISHALINI.B	9	9	5	23	
•	920818106013	KIRUTHIKA.R	10	9	5	24	
8	920818106035	SWETHA.M	10	8	5	23	
	920818106014	MANOJ PRABHAKAR, V	9	9	5	23	
9	920818106017	MUTHU VIGNESH.M	10	9	5	24	
	920818106038	VIGNESH.R	10	8	5	23	
	920818106020	PONBHARATHI.V	10	8	5	23	
10	920818106022	PUGALARASU.S	10	7	5	22	
	920818106028	SATHISH KUMAR.G	10	10	5	25	
	920818106011	JAYA PRATHAP.S	10	10	5	25	
11	920818106012	JEYARAJ.S	8	8	5	21	
	920818106024	RAJKUMAR.K	8	7	5	20	
	920818106016	MUKESH KANNA.G	9	9	5	23	
12	920818106033	SURYA PRAKASH.V.M	8	7	5	20	
	920818106302	VIGNESH.S	7	9	5	21	

PROJECT CO-ORDINATOR Mr.K.JAYAPRAKASAM, AP/ECE

yen-to-HOD-ECE

Dr.A.GOPISAMINATHAN





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Class: IV ECE ACADEMIC YEAR: 2021-22 DBO JECT DEVIEW 2 MARKS Date: 20.05.2022

		PROJECT	REVIEW 3 MARKS	5	Date: 30.05.	.05.2022	
S.No	Register No	Students Name	PPT	Presentation	Attendance	Total	
3.110	Register NO	Students Name	(10)	(10)	(5)	(25)	
	920818106001	ABILASHA.M	10	10	5	25	
1	920818106010	ILAKKIYA.B	10	10	5	25	
	920818106031	SOWMIYA.P	10	9	5	24	
2	920818106005	DHARSHINI.V	0	0	0	AB	
	920818106007	DURGADEVI.B	10	10	5	25	
	920818106037	VENNILA.A	10	10	5	25	
3	920818106004	BLESSING.X	10	10	5	25	
	920818106032	SREE RAGA SUDHA.K	10	10	5	25	
	920818106036	VARSHIINI.B	10	10	5	25	
	920818106002	ABINAYA .S	10	10	5	25	
4	920818106018	NISHA.M	10	9	5	24	
	920818106040	VIVEKA.S	10	6	5	21	
	920818106008	DURGADEVI.S	10	8	5	23	
5	920818106023	PUSHPA PRIYADHARSHINI.R	10	10	5	25	
•	920818106026	SARITHA RANI.K	10	10	5	25	
6	920818106009	HARIPRIYA.M	10	9	5	24	
	920818106029	SEEMA FATHIMA.S	10	10	5	25	
	920818106019	NIVETHA.K.S	10	9	5	24	
7	920818106027	SARUMATHI.R	10	9	5	24	
	920818106039	VISHALINI.B	9	10	5	24	
•	920818106013	KIRUTHIKA.R	10	9	5	24	
8	920818106035	SWETHA.M	10	10	5	25	
	920818106014	MANOJ PRABHAKAR, V	9	8	5	22	
9	920818106017	MUTHU VIGNESH.M	10	9	5	24	
	920818106038	VIGNESH.R	10	7	5	22	
	920818106020	PONBHARATHI.V	10	7	5	22	
10	920818106022	PUGALARASU.S	10	6	5	21	
	920818106028	SATHISH KUMAR.G	10	9	5	24	
	920818106011	JAYA PRATHAP.S	8	8	5	21	
11	920818106012	JEYARAJ.S	8	8	5	21	
	920818106024	RAJKUMAR.K	8	8	5	21	
	920818106016	MUKESH KANNA.G	9	8	5	22	
12	920818106033	SURYA PRAKASH.V.M	10	5	5	20	
	920818106302	VIGNESH.S	10	9	5	24	

PROJECT CO-ORDINATOR

Mr.K.JAYAPRAKASAM, AP/ECE

yen-to-HOD-ECE

Dr.A.GOPISAMINATHAN





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Class: IV ECE ACADEMIC YEAR: 2021-22 PROJECT REVIEW CONSOLIDATED MARKS

0 N -	De sister No	PROJECT REVIEW	Zeroth	Review 1	Review 2	Review 3	Total
S.No	Register No	Students Name	Review(25)	(25)	(25)	(25)	Marks(100)
	920818106001	ABILASHA.M	25	25	24	25	99
1	920818106010	ILAKKIYA.B	25	24	25	25	99
	920818106031	SOWMIYA.P	25	25	25	24	99
2	920818106005	DHARSHINI.V	AB	AB	AB	AB	AB
	920818106007	DURGADEVI.B	24	25	24	25	98
	920818106037	VENNILA.A	23	25	24	25	97
	920818106004	BLESSING.X	23	25	25	25	98
3	920818106032	SREE RAGA SUDHA.K	24	25	24	25	98
	920818106036	VARSHIINI.B	24	25	25	25	99
	920818106002	ABINAYA .S	25	25	24	25	99
4	920818106018	NISHA.M	23	24	24	24	95
	920818106040	VIVEKA.S	23	23	23	21	90
	920818106008	DURGADEVI.S	25	25	25	23	98
5	920818106023	PUSHPA PRIYADHARSHINI.R	24	25	24	25	98
	920818106026	SARITHA RANI.K	23	25	24	25	97
6	920818106009	HARIPRIYA.M	24	25	25	24	98
	920818106029	SEEMA FATHIMA.S	24	25	25	25	99
	920818106019	NIVETHA.K.S	24	24	24	24	96
7	920818106027	SARUMATHI.R	24	24	25	24	97
	920818106039	VISHALINI.B	20	23	23	24	90
•	920818106013	KIRUTHIKA.R	24	25	24	24	97
8	920818106035	SWETHA.M	23	23	23	25	94
	920818106014	MANOJ PRABHAKAR, V	20	20	23	22	85
9	920818106017	MUTHU VIGNESH.M	24	24	24	24	96
	920818106038	VIGNESH.R	20	23	23	22	88
	920818106020	PONBHARATHI.V	20	23	23	22	88
10	920818106022	PUGALARASU.S	20	23	22	21	86
	920818106028	SATHISH KUMAR.G	24	24	25	24	97
	920818106011	JAYA PRATHAP.S	21	21	25	21	88
11	920818106012	JEYARAJ.S	21	25	21	21	88
	920818106024	RAJKUMAR.K	24	22	20	21	87
	920818106016	MUKESH KANNA.G	20	20	23	22	85
12	920818106033	SURYA PRAKASH.V.M	20	20	20	20	80
_	920818106302	VIGNESH.S	20	20	21	24	85

CO-ORDINATOR PROJECT Mr.K.JAYAPRAKASAM, AP/ECE

yen-to-HOD-ECE Dr.A.GOPISAMINATHAN