



# PET ENGINEERING COLLEGE

Tiruchendur Main Road, Madapuram

Vallioor-627117



**Teachers use ICT enabled tools for efficient teaching-learning processes.**





## ICT TOOLS – GOOGLE CLASSROOM

### DEPARTMENT OF CIVIL ENGINEERING

The screenshot shows a Google Classroom page for the course 'CE8391 Construction Materials'. The page is viewed from a student's perspective, showing the 'Classwork' tab. The course title is 'CE8391 Construction Materials'. Below the title, there is a list of assignments and materials:

- CE8391 CONSTRUCTION MATERIALS (Due Nov 10, 2020, 10:11 AM)
- CE8391 CM TEST UNIT 4-MCQ (Due Nov 2, 2020, 4:00 PM)
- CE8391 CM TEST 5- MCQ (Due Nov 4, 2020, 11:00 AM)
- IAT3 CE8391 CONSTRUCTION MATERIALS (Due Oct 21, 2020)
- UNIT 5 NOTES AND TRWO MARKS (Posted Oct 19, 2020)
- UNIT4 NOTES AND TWO MARKS (Posted Oct 19, 2020)
- Assignment Question (Due Oct 2, 2020, 3:00 PM)
- IAT2 CE8391 CONSTRUCTION MATERIALS (Due Sep 25, 2020)

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 1:22 PM on 4/22/2021.

**Study Materials, lecture notes shared in Google classroom by the Faculty Mr.M Petchikkan  
for Construction Materials**

*Signature*  
**Principal**  
**PET ENGINEERING COLLEGE**  
**Vallioor - 627 117.**



classroom.google.com/u/3/c/MTIzMTEzNTMyODIz/gb/sort-name

Old III Civil 2018-2022

Stream Classwork People **Grades**

Sort by last name ▾	Overall grade	Sep 29, 20... Foundatio n Engg... out of 10	Sep 29, 20... EN 8491 IAT - 2 out of 100	Sep 26, 20... CE8501 IAT2-... out of 50	Oct 3, 2020 OAI553- Producti... out of 50	Sep 25, 20... IAT 2 exam out of 50	Sep 25, 20... IAT2 GI8013... out of 50	Sep 24, 20... IAT2 SA-1 out of 50	No c IAT TIM out of 50
		—/10	64 Done late	34 Done late	30	47	41	—/50	
SHEIK MOHAMED HAJIYAR	80.49%	—/10	64 Done late	34 Done late	30	47	41	—/50	
SIVA KUMAR P	77.59%	Missing	Missing	Missing	29	42	33 Done late	Missing	
SYED ASIK I	79.46%	Missing	92 Done late	44 Done late	0	42 Not turned in	40 Not turned in	Missing	
THAVITHU JAMES RAJA	79.31%	Missing	94 Done late	44 Done late	30	40	40	—/50	
VIGNESH M	88.71%	Missing	Missing	—/50 Done late	—/50 Done late	44 Not turned in	38	Missing	
VIGNESH S	81.61%	—/10 Done late	91 Done late	46 Done late	70 Done late	36 Not turned in	40 Done late	Missing	

2.5.1 Circular - 22....pdf  
Removed

whatsappsscreenshot.zip  
Removed

V Ruban Daniel.pdf  
Removed

Show all X

1:16 PM  
4/22/2021

**Grades obtained by the III year students in IAT**

*egmuv*  
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**Mr. M A Jameel Navas, AP/civil Handling the class Using Power Point Presentation**

*egm*  
**Principal**  
**PET ENGINEERING COLLEGE**  
Vallioor - 627 117.





## DEPARTMENT OF CSE

UG CSE 2019-23 Sem 4  
Second Year CSE

Stream Classroom People Grades

Create Meet Google Calendar Class Drive folder

All topics

- CS8494 SE Ms. N. S...
- CS8493 OS Mr.S.Sa...
- CS8492 DEMS Mks...
- CS8451 DAA Mks E...
- CS8491 CA Mks V...
- MAS402 PQT Mrs VL...
- CS8481 DEMS Lab...
- CS8481 OS Lab Mr...
- HS8481 Adv Readin...

CS8494 SE Ms. N. Sweetly Surya / Dr.S.Babu Re...

- SE Life cycle Models Posted Apr 4
- SE IAT1 Answer key 1 Posted Mar 27
- SE IAT1 QP Due Mar 28
- SE Unit 1 Notes Posted Mar 20
- Software Engineering Syllabus Posted Feb 26

CS8493 OS Mr.S.Samsudeen Shaffi

- OS IAT 1 Submission Posted Mar 28
- CS8493 - OS UNIT-1 TO UNIT 5 Posted Mar 26
- CS8493 - OPERATING SYSTEMS IAT 1 26.03.20 Due Mar 29
- CS8493-Operating Systems Syllabus Posted Mar 1

## Materials Shared by Staff for second year students in Google classroom

UG CSE 2017-21  
Sem 5B

Stream Classroom People Grades

Sort by last name	Overall grade	Mar 3 CS8080-IRT IAT... out of 100	No due date IAT IAT... out of 100	Nov 12, 20 SPM Quiz V out of 50	Nov 11, 20 MEDICAL ELECTR... out of 50	Nov 11, 20 Cloud Comput... out of 60	No due date CS8083 MCP MC... out of 60	Nov 10, 20 POM - MCQ TEST out of 50	No due date quiz out of 100	Nov 5, 2020 POM (Revisio... out of 30	Nov 5, 2020 SPM Quiz IV out of 100	No due date CS8083 MCP UNI... out of 20	No due sha out of 100
Class average	87.96%		91.64	36.25				46.06					
A. PREM SANGEETHA	88.13%	Missing		Missing	Missing	Missing		46 Not turned in	100	Missing	Missing		
A. RAJA SHREE	89.9%	Missing		39 Not turned in	50 Draft	60 Done late	55 Draft	50 Done late	100	Missing	100 Done late	20	20
A. Saravana priya	91.05%	Missing	91	39 Not turned in	Missing	Missing	48 Draft	42 Not turned in	100	30	Missing	20 Draft	20
A. SHEIK ABIL	No grade	Missing		Missing	Missing	Missing		Missing		Missing	Missing		
Ajima M	88.64%	100 Done late	91	35	50 Draft	60 Done late	37 Draft	40 Done late	100	30	100	15 Draft	20
Akhara A	85.94%	Missing	92	39	50 Draft	60 Done late	24 Draft	46	100	30 Done late	100	5 Draft	20
Alhajimal Syed Ali S	91.11%	Missing	92	39	50 Draft	60	53 Draft	44	100	30	100	18 Draft	20
Divya N	87.79%	Missing	92	Missing	Missing	Missing		48 Done late		Missing	Missing		20
E.SUBA SHREE	86.4%	Missing	92	39	50 Draft	Missing	49 Draft	48 Not turned in	100	Missing	Missing		
Elba Rajathi A	89.84%	Missing	91	39	50 Draft	60	44	46	100	30	Missing	13 Draft	20

## IAT test Marks for IV year students in Google classroom

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**I.Vallirathi,Ap/CSE Handling the class Using Power Point Presentation**



**Mrs.B.ShanmugaSundari,Ap/CSE Handling the class Using Power Point Presentation**



## DEPARTMENT OF EEE

EEE 2019-2023  
III SEM

Stream Classwork People Grades

Electromagnetic the...  
Digital Logic Circuit ...  
Transforms and Par...

power plant engineering Due Nov 13, 2020

power plant engineering mcq Due Nov 12, 2020

IAT-2 POWER PLANT ENGINEERING Due Sep 28, 2020, 4:00 PM

Nuclear reactor types Due Oct 18, 2020

Posted Oct 17, 2020

1 Turned in 17 Assigned

View assignment

POWER PLANT ENGINEERING ASSIGNMENT... Due Sep 26, 2020, 11:59 PM

IAT-1 Power plant Engineering Due Sep 11, 2020, 9:00 AM

Activate Windows  
Go to Settings to activate Windows.

## PPE Notes shared by Mrs. N. Ramani

EEE 2019-2023  
III SEM

Stream Classwork People Grades

Electromagnetic the...  
Digital Logic Circuit ...  
Transforms and Par...

Add class comment...

Pau L P.Engine Assistant Professor posted a new material: DLC work note 10

Posted Oct 28, 2020

DLC (Work notes-10).PDF PDF

Add class comment...

Pau L P.Engine Assistant Professor posted a new material: DLC work notes 5 & 6

Posted Oct 22, 2020

DLC (Work notes-5).PDF PDF

DLC (Work notes-6).PDF PDF

Activate Windows  
Go to Settings to activate Windows.

## DLC Work Notes shared by Mr. P. Eugene Paul

*P. Eugene Paul*  
**Principal**  
**PET ENGINEERING COLLEGE**  
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## DEPARTMENT OF ECE

ox (75) - ecejenisha@peteng: X Classwork for UG ECE 2018-2022 X +

classroom.google.com/w/MTlyOTQyOTA1Mjg0/t/all

Feed Back EXAM EXAM

UG ECE 2018-2022 Stream Classwork People Grades

- Virtual lab 5 Posted Oct 24, 2020
- attendance 24th oct2020 Due Oct 24, 2020, 10:09 AM
- Attendance 17thoct 2020 Due Oct 17, 2020, 1:49 AM

### EC8561-COMMUNICATION SYSTEM LAB

- Simulation using matlab experiments Edited Oct 24, 2020
- Communication system lab Components Posted Oct 17, 2020
- Communication system lab Edited Oct 17, 2020
- EC8561 - COMMUNICATION SYSTEM LAB SY... Edited Nov 7, 2020

Lab manuals shared in Google classroom by the Faculty Ms.R.Thazeelma Banu for Communication System Lab

UG-ECE2017-2021@petengg.ac.in Final year

	20...	Sep 18, 20... Assembly linking...	Sep 17, 20... Explain the...	Sep 17, 20... Attendance 17 Sep...	Sep 16, 20... Log periodic...	Sep 15, 20... Class test -3	No due date Attendance 15 Sep...	Sep 15, 20... Attendance 15.09.20	Sep 14, 20... Test 3
Sort by last name	20	out of 10	out of 20		out of 15	out of 10			out of 20
Class average			18.36	N/A		9.32	N/A	N/A	18.68
AHAMED APPAS P		10/10	18 Done late	Turned in	15/15 Done late	7 Done late	Turned in	✓	20/20 Draft
AJITH KUMAR I		Missing	Missing	Turned in	Missing	Missing	Turned in	✓ Done late	Missing
ARCHANA DEVI S		10/10 Done late	20	Turned in	15/15	10	Turned in	✓	19
BHARATHI P		10/10 Done late	15 Done late	Turned in	15/15	7 Done late	Turned in	✓	20 Resubmitted
BLESSY STELLA ABERNA A		10/10	20 Draft	Turned in Done late	15/15	10	Turned in	✓	19
ESSAKI DHAS		Missing	Missing	Turned in Done late	Missing	Missing	Turned in	Turned in	Missing

Go to PC settings to activate Windows.

Attendance & Weekly test Marks for final year students in Google classroom

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**Mrs.H.Riyaz Fathima, AP/ECE handling the class using Power Point Presentation**



**Mrs.C.Rekha, AP/ECE handling the class using Power Point Presentation**



## DEPARTMENT OF MECHANICAL ENGINEERING

The screenshot shows the Google Classroom interface for the class 'IV A MECH 2017-21'. The 'Classwork' tab is selected, displaying two assignment categories: 'PPC' and 'MG591 principles of management'. Each category lists specific assignments with their due dates.

Assignment Category	Assignment Name	Due Date
PPC	IAT 2 production planning and control	Posted Mar 13
	PPC	Due Mar 2, 5:00 PM
	IAT1 PPC	Posted Mar 2
MG591 principles of management	Pom model exam	Due Apr 7, 7:00 PM
	POM II INTERNAL	Due Mar 12
	I - IAT FOR POM	Due Mar 1

### Study Materials, lecture notes shared in Google classroom by the Faculty

The screenshot shows the 'People' tab of the Google Classroom for 'IV A MECH 2017-21'. It lists the following faculty members:

Name
Benziger B
Dean PET
Dr. Madhan Kumar Principal
Fizal AP MECH
HOD MECH PET Engineering College
Jeyaram Karthick Assistant Professor
Mustafa Nawaz S M AP ECE
Ravindar Singh E Assistant Professor PET Engineering College
Stalin R Assistant Professor
Sureshbabu T

### Name list of Faculty of III YEAR in Google classroom App

*Signature*  
**Principal**  
**PET ENGINEERING COLLEGE**  
**Vallioor - 627 117.**



## DEPARTMENT OF SCIENCE AND HUMANITIES

### GE8151- MRS.MARY NISHA

	Python Model Exam	Posted Feb 17
	Python Model Exam	Posted Feb 17
	Python IAT 2	Due Jan 31
	Python IAT 1 question	Posted Jan 18
	Python class test 6	Due Jan 7
	Python class test 5	Due Dec 24, 2020
	Python IAT 1	Due Jan 20
	Python class test 4	Due Dec 17, 2020

### Study Materials, Lecture Notes Shared In Google Classroom By The Faculty Mrs. Mary Nisha (python)

#### @MA8151-MS.Tamilselvi

	Model Examination	Due Feb 15
	Class test 5	Due Feb 5
	IAT 2	Due Jan 27
	first internal exam	Due Jan 18
	Maths Syllabus 1	Posted Nov 20, 2020
	Maths	Posted Nov 20, 2020
	Unit 1 maths	Posted Nov 20, 2020

### Study Materials, Lecture Notes Shared In Google Classroom By The Faculty Mrs.Tamil Selvi(maths)

  
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## DEPARTMENT OF MANAGEMENT STUDIES

MARKETING ELECTIVE C		Stream	Classwork	People	Grades		
Sort by last name	Nov 5, 2020 05.11.20 CB class...	Nov 3, 2020 CB- Revision...	No due date IMC question...	Oct 24, 20... BA 5006 SERVICE...	Oct 24, 20... BA5002 CB-IAT...	Oct 20, 20... CLASS TEST III	Oct 19, 20... Class test for IMC...
	out of 20	out of 20	out of 50	out of 50	out of 50	out of 25	out of 20
Class average	19.5	20	39.86	37.29	40.5		18
Abdul Hameed J	Missing	Missing		Missing	Missing	Missing	Missing
Agnel Neethi Rani K	20 Done late	Missing		Missing	Missing	Missing	Missing
Anthony France Valan A	Missing	Missing		Missing	Missing	Missing	Missing
Anusuya Priyadarshini C	Missing	Missing	43	32 Done late	45 Done late	Missing	Missing
Brintha M	20	20	42	40 Done late	47 Done late	Missing	Missing
Esai Manish M	Missing	Missing	37	38 Done late	Missing	Missing	Missing

FINANCE ELECTIVE							
B	Stream	Classwork	People	Grades			
Sort by last name	Oct 24, 20... BAS011/M BFS_IA...	No due date Class test 1.meani...	Oct 19, 20... Test - SAPM...	Oct 16, 20... BAS011/ MBFS ...	Oct 16, 20... SAPM Class Te...	Oct 8, 2020 SAPM Assignm...	Oct 7, 2020 CF assignm...
	out of 100	out of 15	out of 15	out of 100	out of 10	out of 10	
Class average	75	10.91					N/A
Anthony Jeya Manju P	82 Done late		Missing	Missing	___/10 Done late	___/10 Done late	Turned in Done late
Asirvatha Anista A	82 Done late	12	___/15 Done late	95 Draft	___/10 Done late	___/10 Done late	Turned in Done late
Bhavani S	84 Done late	10	___/15 Done late	80 Draft	___/10	Missing	Turned in Done late
Deepa P	89 Done late		Missing	90 Draft	___/10 Done late	___/10	Turned in Done late
Devika S	70 Done late		Missing	Missing	Missing	Missing	Missing
Francis Praba A	70 Draft		Missing	Missing	Missing	Missing	Turned in

Grades and Weekly test Marks for Second year students in Google classroom (Marketing and Finance Elective)

Stream	Classwork	People	Grades
Teachers			
PG MBA 2019-2021			
Anna Thangam J AP MBA			
Aswin Kennedy			
Dean PET			
Dr. Madhan Kumar Principal			
Dr.A.Jalal Professor & Head - MBA			
Naina Mohamed M A AP MBA			
Umaabharathi J Assistant Professor			
Vijaya Ramya AP MBA			

Faculty of MBA in Google classroom App





## DEPARTMENT OF MASTER OF COMPUTER APPLICATION

The screenshot shows the Google Classroom interface for the 'PET MCA 2018 Batch'. The 'Classwork' tab is selected, displaying a list of assignments under the heading 'SPM'. The assignments are as follows:

Assignment Name	Due Date
SPM Model Exam	Due Jun 1, 2020
SPM Assignment 5	Due May 15, 2020
SPM Assignment 4	Due May 7, 2020
SPM Assignment 3	Due May 1, 2020
SPM Assignment 2	Due Apr 24, 2020
SPM Assignment 1	Due Apr 19, 2020

Assignments and materials posted by the staff for second year students

The screenshot shows the Google Classroom interface for the 'PET MCA 2020 Batch'. The 'Classwork' tab is selected, displaying a list of materials under the heading 'MA5101 Matrices, Probability and Statistics'. The materials are as follows:

Material Name	Posted Date
MA5101-SERIES TEST III	Due Mar 8, 4:10 PM
MA5101-unit 5 notes	Posted Mar 4
MA5101-unit 4 notes	Posted Feb 22
MA5101-class test	Due Feb 22
Unit 4 chi-square test missing page(after 2...	Posted Feb 20
Unit 4 notes	Posted Feb 19
Unit 4-chi square table	Posted Feb 19

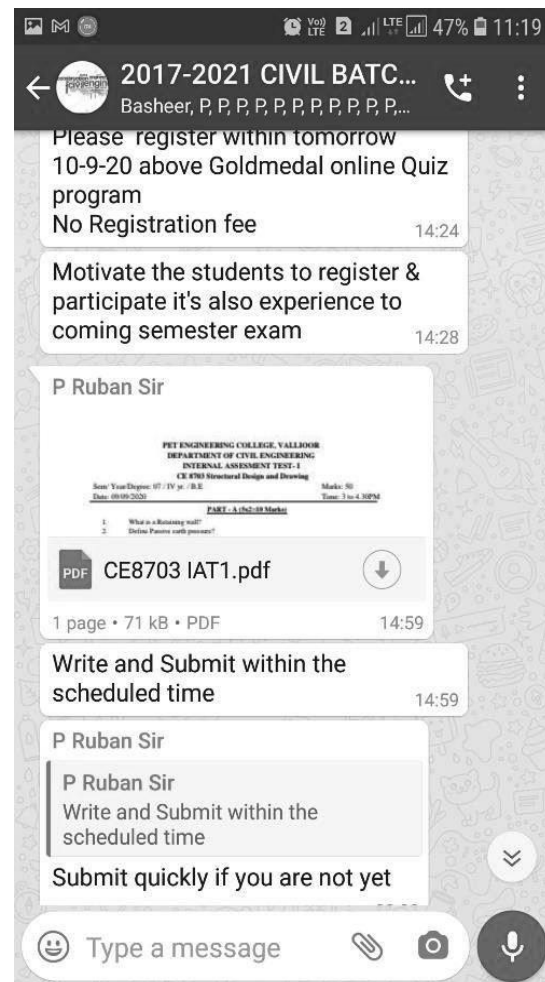
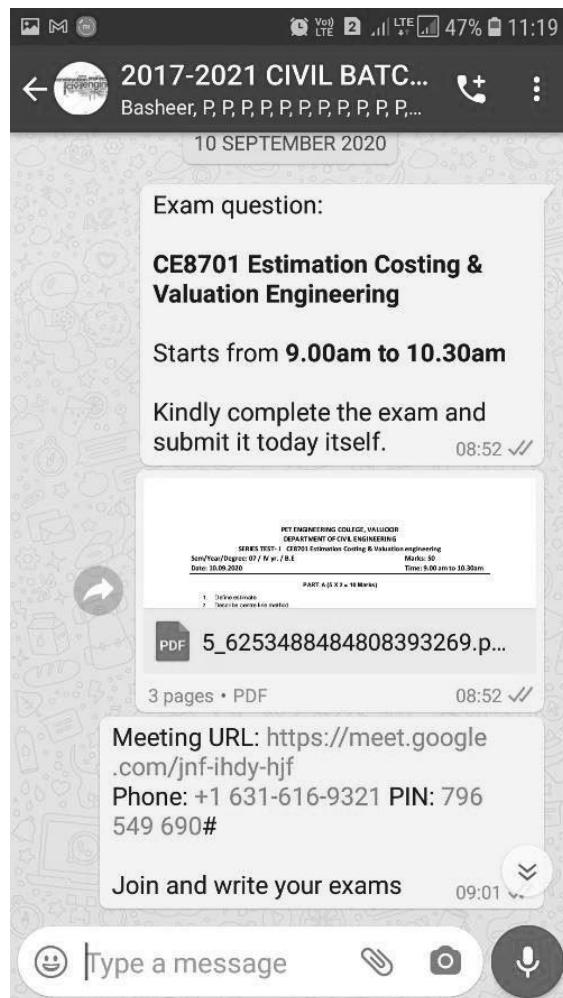
Materials, assignment, posted for first year MCA students in google classroom

*Egmmv*  
**Principal**  
**PET ENGINEERING COLLEGE**  
**Vallioor - 627 117.**



## ICT TOOLS – ONLINE WHATSAPP CLASS

### DEPARTMENT OF CIVIL ENGINEERING

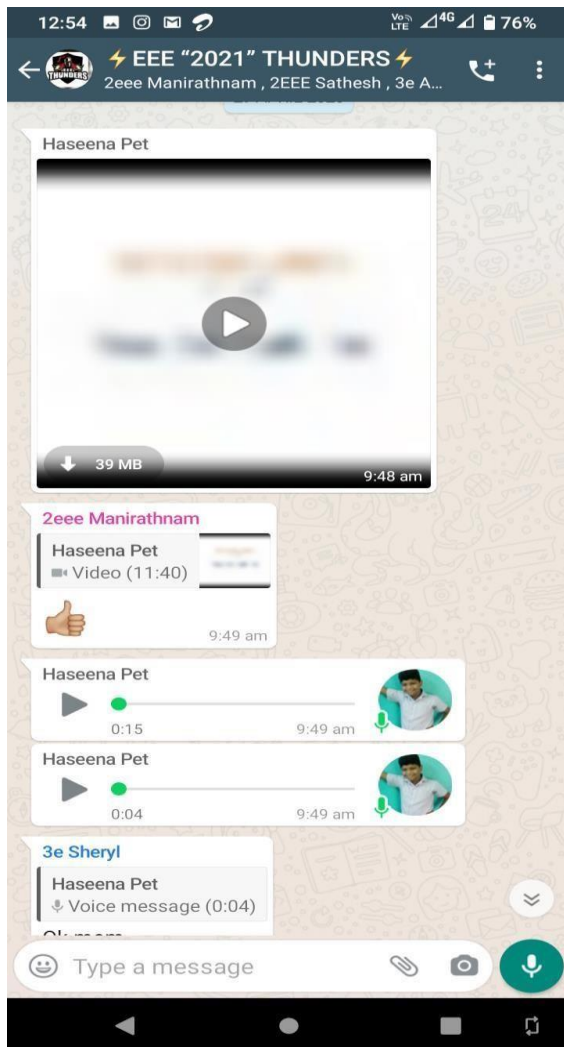


Materials Shared by the Concerned Faculty in WhatsApp for Final Year Students

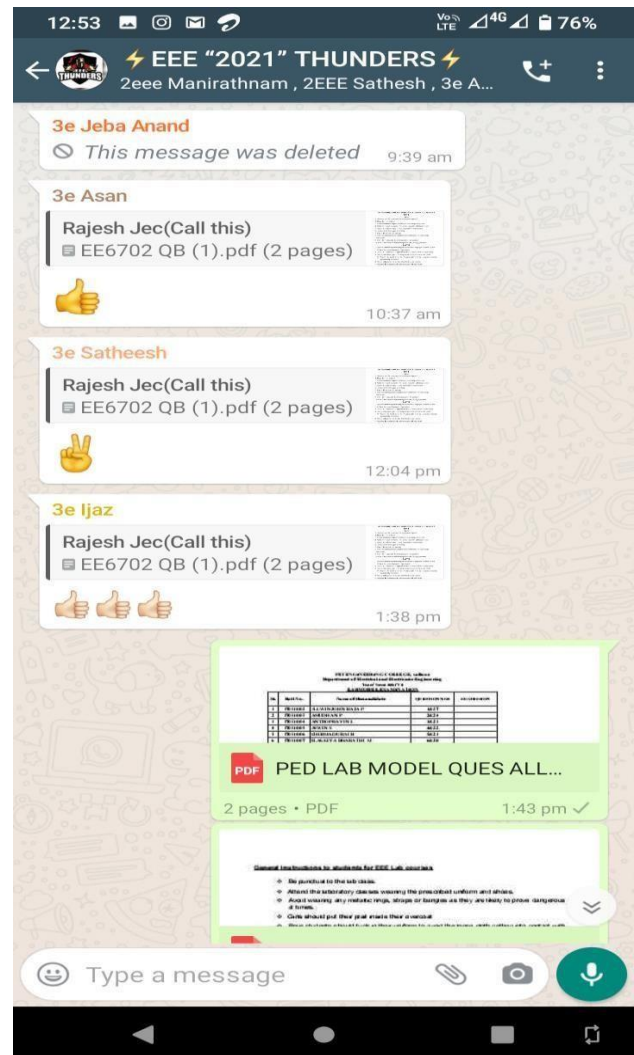
*egmmy*  
**Principal**  
**PET ENGINEERING COLLEGE**  
**Vallioor - 627 117.**



## DEPARTMENT OF EEE

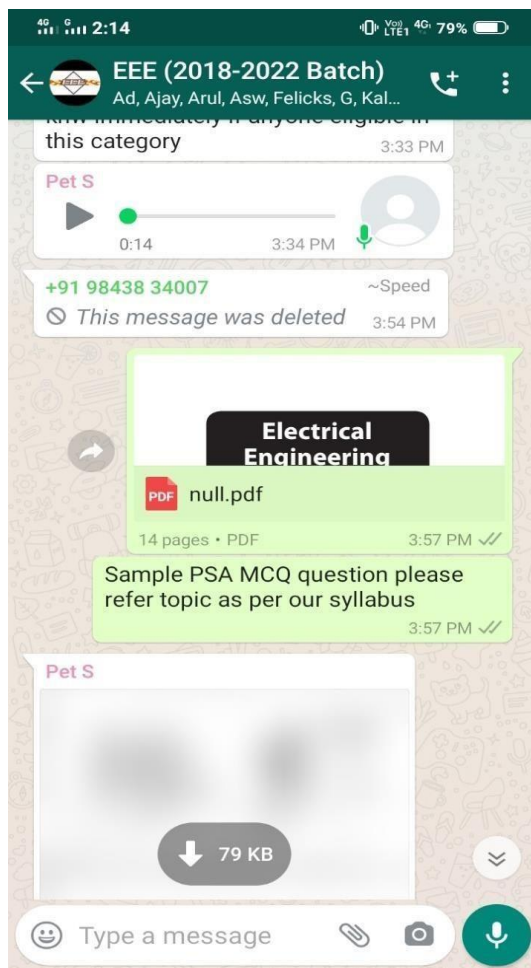


OOPS Video Lecture shared

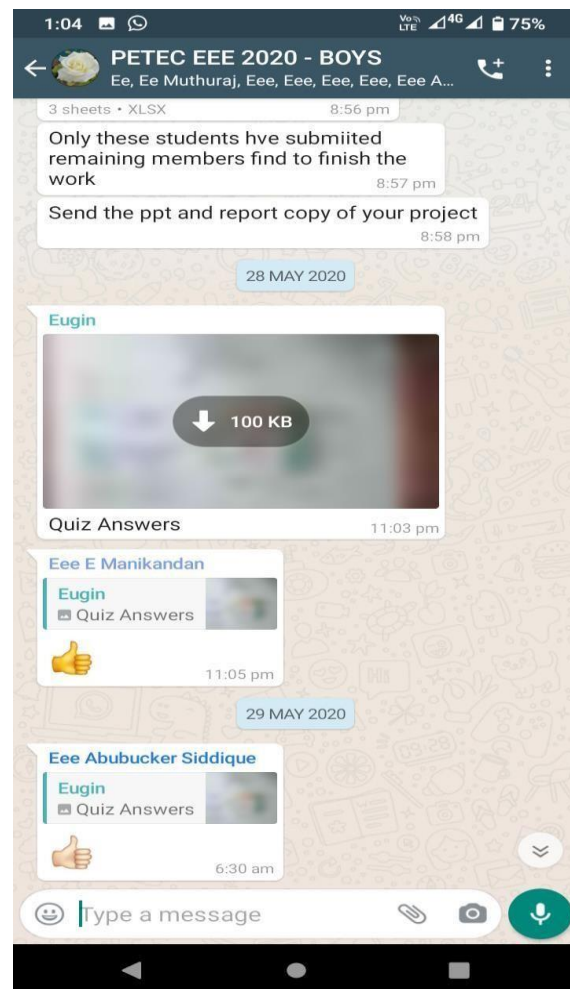


PED Lab Materials





PSA MCQ Questions shared

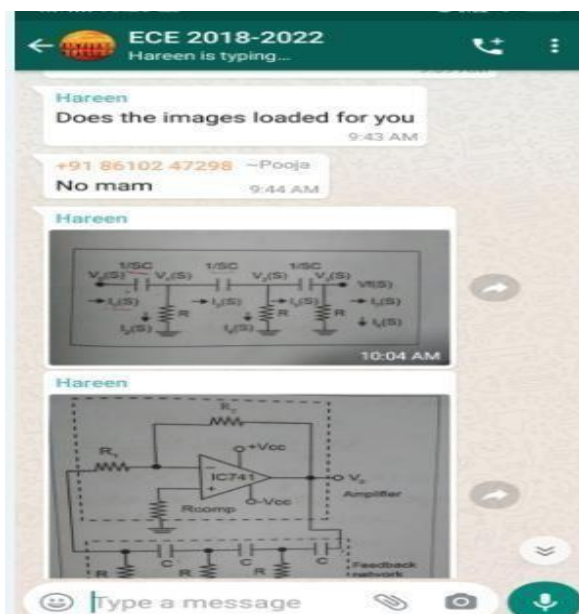


TQM Quiz

## DEPARTMENT OF ECE

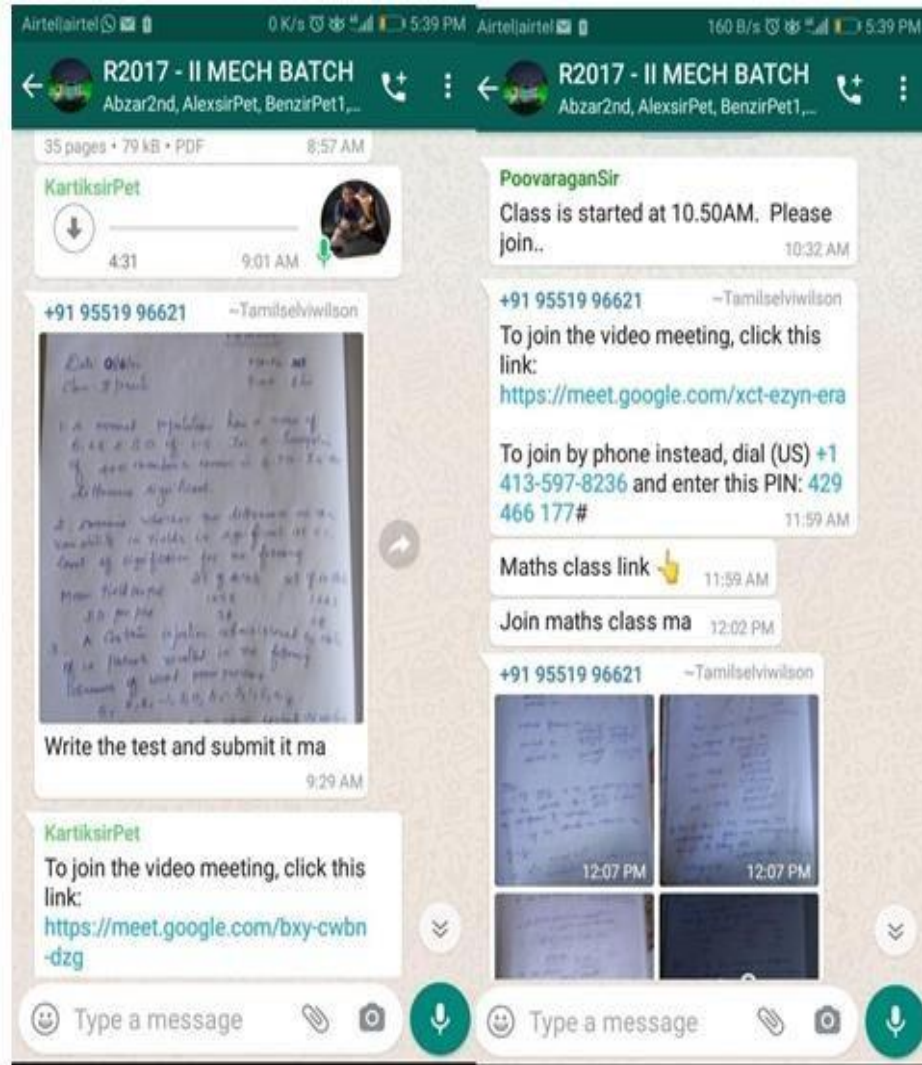


### Materials shared by the Concern Staff in Whatsapp for second year students



### Materials shared by the Concern Staff in Whatsapp for second year students

## DEPARTMENT OF MECH



Materials Shared by the Concerned Faculty in WhatsApp for II Year Students

*egmww*  
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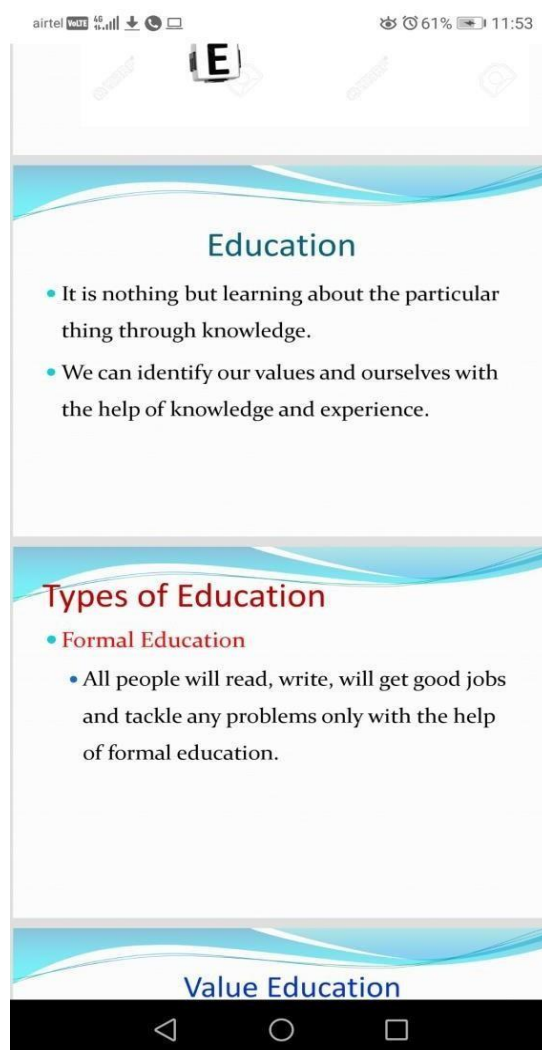
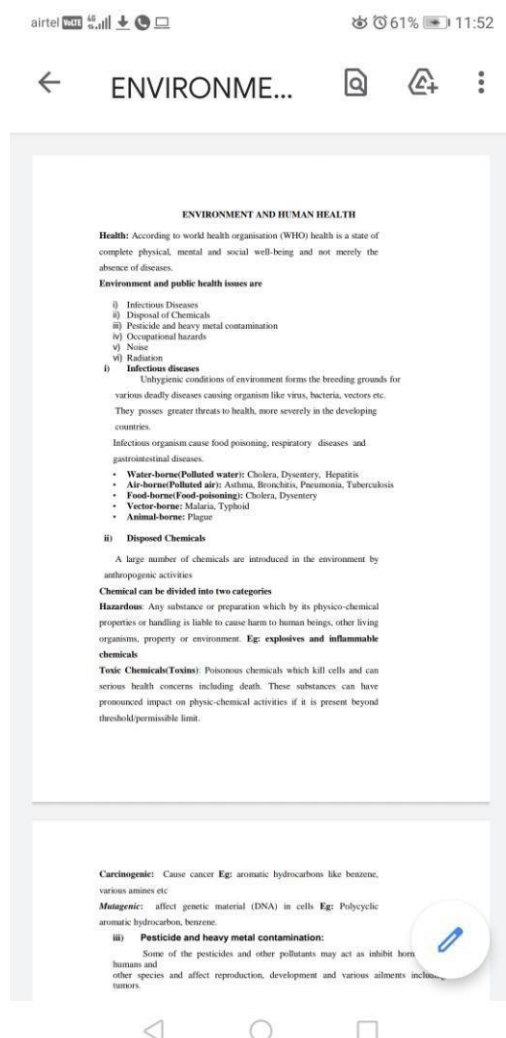




Materials Shared by the Concerned Faculty in WhatsApp for III Year Students

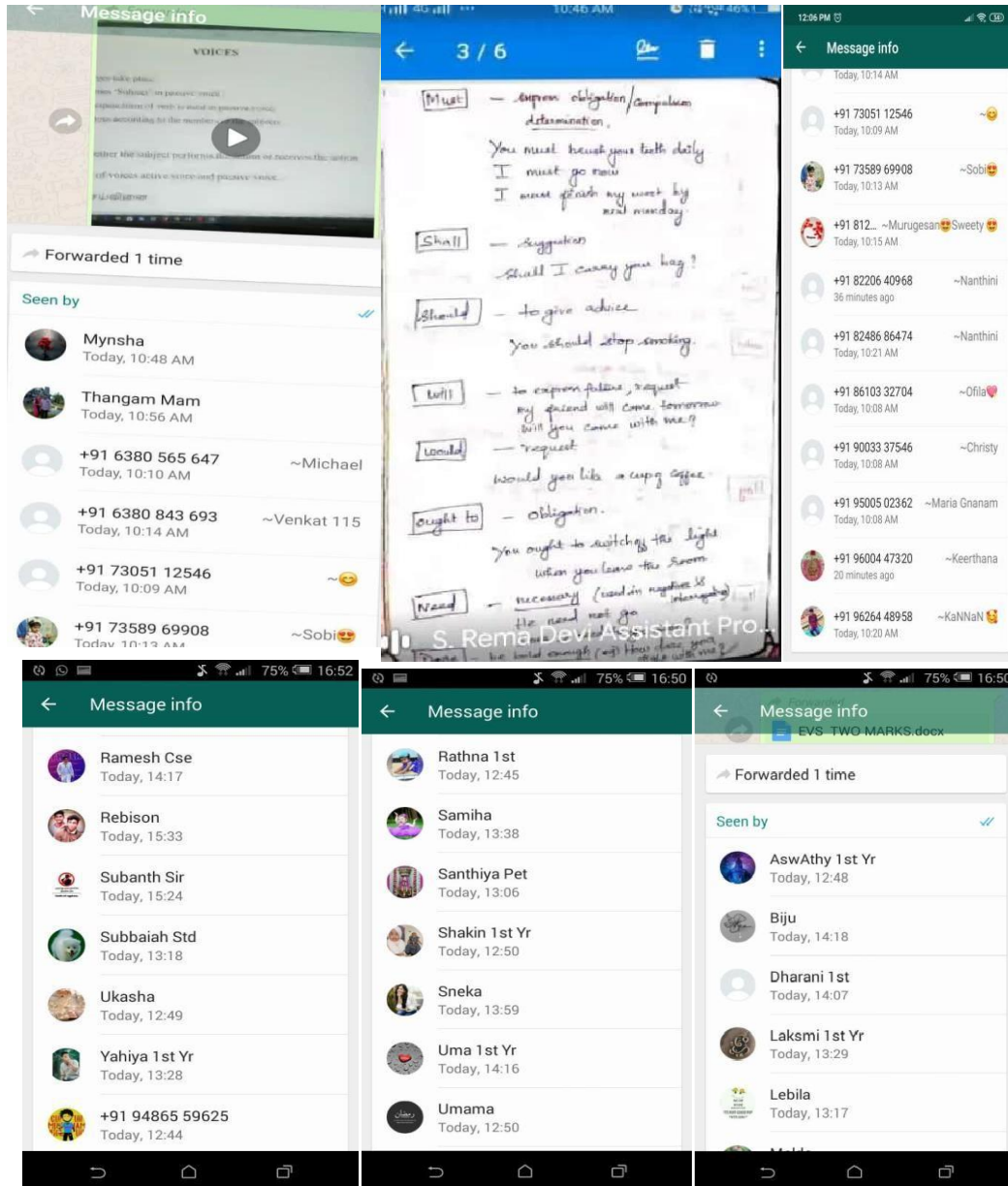


## DEPARTMENT OF SCIENCE AND HUMANITIES



Materials shared by the Concern Staff in Whatsapp for FIRST year students

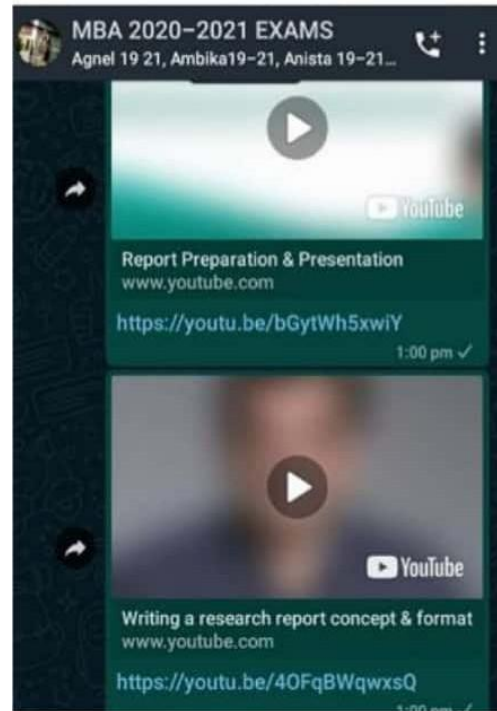
*egmwww*  
**Principal**  
**PET ENGINEERING COLLEGE**  
**Vallioor - 627 117.**



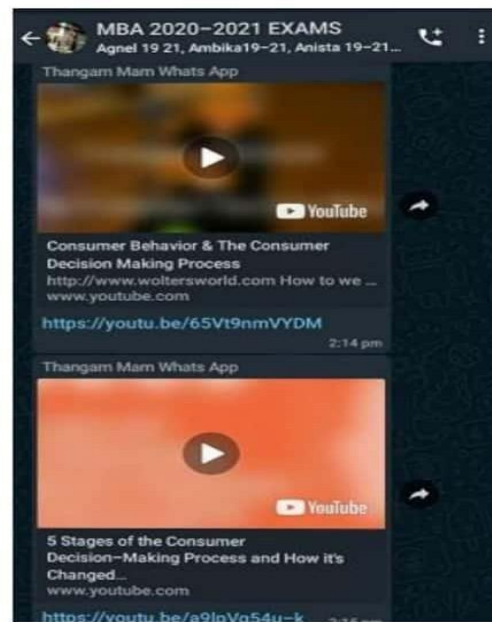
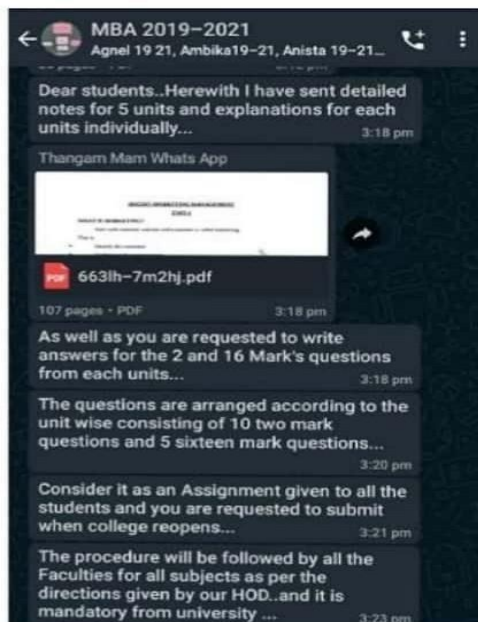
## STUDENTS ATTENDANCE

Principal  
PET ENGINEERING COLLEGE  
Vallioor - 627 117.

## DEPARTMENT OF MANAGEMENT STUDIES



Materials shared by concern Staff in Whatsapp for First year & Second year students



Materials shared by concern Staff in Whatsapp for second year students



## ICT TOOLS-GOOGLE FORMS

PET Engineering College, Vallioor-627 117  
Department of ECE MCQ exam for  
EC8352 Signals & Systems

Online test for students  
\* Required

Email \*

Your email

Full name of the student ( in capital )

Your answer

Roll number ( Type full roll no ) \*

Your answer

Year/ Sem \*

Your answer

Subject Code and Subject Name \*

Your answer

Department \*

Your answer

Next

Page 1 of 2

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Google Forms

PET Engineering College, Vallioor-627 117  
Department of ECE MCQ exam for  
EC8352 Signals & Systems

Answer all the questions

Each question carries one mark

1. 1. A discrete signal is said to be even or symmetric if  $x(-n)$  is equal to 1 point

☐  $X(n)$

☐ 0

☐  $-X(n)$

☐  $-X(-n)$

2. A signal is a power signal when the signal has 1 point

☐ Infinite average power

☐ finite average power

☐ zero average power

☐ None of the above

3. A system is said to be dynamic if the output of the system depends on the 1 point

☐ Past Input

☐ Future Input

☐ Present Input

☐ Present & Future Inputs

4. Which of the following is the one of the property of unit impulse  $\delta(t)$  is 1 point

☐  $\delta(at) = a \delta(t)$

☐  $\delta(at) = \delta(t)$

☐  $\delta(at) = \delta(t/a)$

22. Two systems with impulse responses  $h_1(t)$  and  $h_2(t)$  are connected in cascade. Then the overall impulse response of the cascaded system is given by 1 point

☐ product of  $h_1(t)$  and  $h_2(t)$

☐ sum of  $h_1(t)$  and  $h_2(t)$

☐ convolution of  $h_1(t)$  and  $h_2(t)$

☐ subtraction of  $h_1(t)$  and  $h_2(t)$

23. Given the finite length input  $x[n]$  and the corresponding finite length output  $y[n]$  of an LTI system as  $x[n] = [1, -1]$  and  $y[n] = [1, 0, 0, -1]$ . The impulse response  $h[n]$  of the system is 1 point

☐  $h[n] = [1, 0, 0, 1]$

☐  $h[n] = [1, 0, 1]$

☐  $h[n] = [1, 1, 1, 1]$

☐  $h[n] = [1, 1, 1]$

24. Consider an LTI system with impulse response  $h(t) = e^{a-t}u(t)$ . If the output of the system is  $y(t) = e^{a-2t}u(t) - e^{a-5t}u(t)$  then the input,  $x(t)$ , is given by 1 point

☐  $e^{a-3t}u(t)$

☐  $2e^{a-3t}u(t)$

☐  $e^{a-8t}u(t)$

☐  $2e^{a-8t}u(t)$

25. For linear time invariant systems, that is Bounded Input Bounded stable, 1 point which one of the following statements is TRUE?

☐ The impulse response will be integral, but may not be absolutely integral

☐ The unit impulse response will have finite support

☐ The unit step response will be absolutely integrable

☐ The unit step response will be bounded

Back Submit

Page 2 of 2

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Google forms-ICT Tool utilized for II yr ECE students created by Mrs.X.M.Binisha, AP/ECE

*EGM*  
Principal  
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### control system MCQ

\* Required

Email \*

Your email

☐ Option 1

1. Transient response in the system is basically due to \*

☐ a) Forces  
☐ b) Friction  
☐ c) Stored energy  
☐ d) Coupling

2. Effect of feedback on the plant is to \*

☐ a) Control system transient response  
☐ b) Reduce the sensitivity to plant parameter variations  
☐ c) Both (a) and (b)  
☐ d) None of these

3. Transfer function of a system is defined as the ratio of output to input in \*

☐ a) Z-transformer  
☐ b) Fourier transform  
☐ c) Laplace transform  
☐ d) All of these

4. In an open loop system \*

8. Output of the feedback control system should be a function of \*

☐ a) Input  
☐ b) Reference and output  
☐ c) Feedback signal  
☐ d) None of these

9. Steady state error is always zero in response to the displacement input for \*

☐ a) Type 0 system  
☐ b) Type 1 system  
☐ c) Type 2 system  
☐ d) Type (N + 1) system for N = 0, 1, 2, ..., N

10. Relation between Fourier integral and Laplace transform is through

☐ a) Time domain  
☐ b) Frequency domain  
☐ c) Both (a) and (b)  
☐ d) None of these

11. At resonance peak, ratio of output to input is \*

☐ a) Zero  
☐ b) Lowest  
☐ c) Highest  
☐ d) None of these

12. 0 type system has \*

☐ a) Zero steady state error  
☐ b) Small steady state error  
☐ c) High gain constant  
☐ d) Higher error with high K

☐ d) Infinite

39. Which of the following is not a desirable feature of a modern control system? \*

☐ a) No oscillation  
☐ b) Accuracy  
☐ c) Quick response  
☐ d) Correct power level

40. Power amplification in a magnetic amplifier can be increased \*

☐ a) By negative feed back  
☐ b) By positive feed back  
☐ c) With higher inductance of a.c. coil  
☐ d) None of these

41. Device used for conversion of coordinates is \*

☐ a) Synchros  
☐ b) Microsyn  
☐ c) Synchro resolver  
☐ d) Synchro transformer

42. Friction coefficient is usually kept low to \*

☐ a) Minimize velocity-lag error  
☐ b) Maximize velocity-lag error  
☐ c) Minimize time constant  
☐ d) Maximize speed of response

☐ Send me a copy of my responses.

Submit



PET Engineering College, Vallioor -627  
117 Department of ECE MCQ exam for  
EC8071 Cognitive Radio

\* Required

Answer all the questions

Each question carries One mark

1. Which among the following methods may be used to estimate interference in cognitive radio? \*

1 point

- ☐ Model the radio
- ☐ Model the user behaviour
- ☐ Model the channel
- ☐ Model the propagation of signal

2. When does a cognitive radio give up control of application? \*

1 point

- ☐ High traffic load
- ☐ Long period without input from user
- ☐ On receiving pre-emptive command from user
- ☐ Bad weather conditions

3. Which among the following combination is responsible for the cognition cycle? \*

1 point

- ☐ Environment – cognition
- ☐ Effectors – SDR
- ☐ SDR – SDR
- ☐ Cognition – cognition

4. How does the cognition cycle operate? \*

1 point

- ☐ Active
- ☐ Reactive

11. Which among the following is the function of out-of-band sensing? \*

1 point

- ☐ Detect primary base-station
- ☐ Detect spectrum holes
- ☐ Detect primary user
- ☐ Detect xG users

12. Why is cooperation required in spectrum sensing? \*

1 point

- ☐ Elimination of base-station
- ☐ Elimination of xG users
- ☐ Interference avoidance
- ☐ Improvement of sensing accuracy

13. Which among the following is the most practical method to identify spectrum holes? \*

1 point

- ☐ Detect primary user transmission
- ☐ Detect primary user receiving information
- ☐ Detect secondary user transmission
- ☐ Detect secondary user receiving information

14. Which among the following is not a transmission detection technique? \*

1 point

- ☐ Matched filter detection
- ☐ Energy detection
- ☐ Cyclostationary detection
- ☐ Interference based detection

15. Which among the following techniques requires prior knowledge of the primary signal? \*

1 point

- ☐ Matched filter detection
- ☐ Energy detection
- ☐ Cooperation detection
- ☐ Cyclostationary detection

20. Which among the following condition is represented in the following diagram? \*

1 point



- ☐ Transmitter uncertainty
- ☐ Shadowing uncertainty
- ☐ Receiver uncertainty
- ☐ Access point uncertainty

21. What among the following is not a function of spectrum management? \*

1 point

- ☐ Sensing
- ☐ Decision
- ☐ Mobility
- ☐ Repair

22. Which among the following functions prevent collision? \*

1 point

- ☐ Spectrum analysis
- ☐ Spectrum decision
- ☐ Spectrum mobility
- ☐ Spectrum sharing

23. What is the function of the spectrum analysis unit? \*

1 point

- ☐ Detect spectrum holes
- ☐ Prevent collision between multiple users
- ☐ Match spectrum bands with user requirements
- ☐ Listen for the arrival of the primary user

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## MCQ 10.11.2020

MCQ MODEL EXAMINATION 10-11-2020

\* Required

Roll No \*

Your answer

NAME : \*

Your answer

Class: \*

Your answer

1. A Gunn diode is a negative resistance device, which is used as source of microwaves. What is the number of p-n junctions ? \*

- ☐ 0  
☐ 1  
☐ 2  
☐ 3

2. \_\_\_\_ is the main advantage of a microwave. \*

2 points

- ☐ Highly directive  
☐ High penetration power  
☐ Moves at the speed of light  
☐ None of these  
☐ Other: \_\_\_\_\_

3. \_\_\_\_ principle does Klystron operates

2 points

- ☐ Amplitude Modulation

11. A network is said to be conditionally stable if: \*

2 points

- ☐  $|r_{in}| < 1, |r_{out}| < 1$ .  
☐  $|r_{in}| < 1, |r_{out}| > 1$   
☐  $|r_{in}| > 1, |r_{out}| < 1$   
☐  $|r_{in}| > 1, |r_{out}| > 1$

12. If the S parameters of a transistor given are  $S_{11} = -0.811 - j0.311$ ,  $S_{12} = 0.0306 + j0.0048$ ,  $S_{21} = 2.06 + j3.717$ ,  $S_{22} = -0.230 - j0.4617$ . Then  $\Delta$  for the given transistor is: \*

2 points

- ☐ 0.336  
☐ 0.383  
☐ 0.456  
☐ None of the mentioned

13. If the input impedance of a diode used in the microwave oscillator is  $45 - j23 \Omega$ , then the load impedance is to achieve stable oscillation is: \*

2 points

- ☐  $45 + j23 \Omega$   
☐  $-45 + j23 \Omega$   
☐  $50 \Omega$   
☐  $23 + j45 \Omega$

14. If the input power is divided in the ratio of 2:1 in a T-junction coupler and the characteristic impedance of the 2 output lines is  $180 \Omega$  and  $75 \Omega$ , then the impedance of the input line is: \*

2 points

- ☐ 1000  
☐ 500  
☐ 1500  
☐ None of the mentioned

15. The mode of propagation of propagation supported by coupled line couplers is: \*

2 points

- ☐ TM mode

- ☐ 10  
☐ 12

22. If the power input to an antenna is 100 mW and if the radiated power is measured to be 90 mW, then the efficiency of the antenna is: \*

2 points

- ☐ 75 %  
☐ 80 %  
☐ 90 %  
☐ Insufficient data

23. The equivalent noise temperature of a network given the noise figure of the network or system is: \*

2 points

- ☐  $T_0(F-1)$   
☐  $T_0(F+1)$   
☐  $T_0(F)$   
☐  $T_0/F$

24. If the noise figures of the first stage of a two stage cascade network is 8 dB and the noise figure of the second stage is 7 dB and the gain of the first stage is 10, then the noise figure of the cascade is: \*

2 points

- ☐ 8.6 dB  
☐ 7.6 dB  
☐ 5.6 dB  
☐ 9.9 dB

25. Expression for noise of a two port network considering the noise due to transmission line and other lossy components is:

2 points

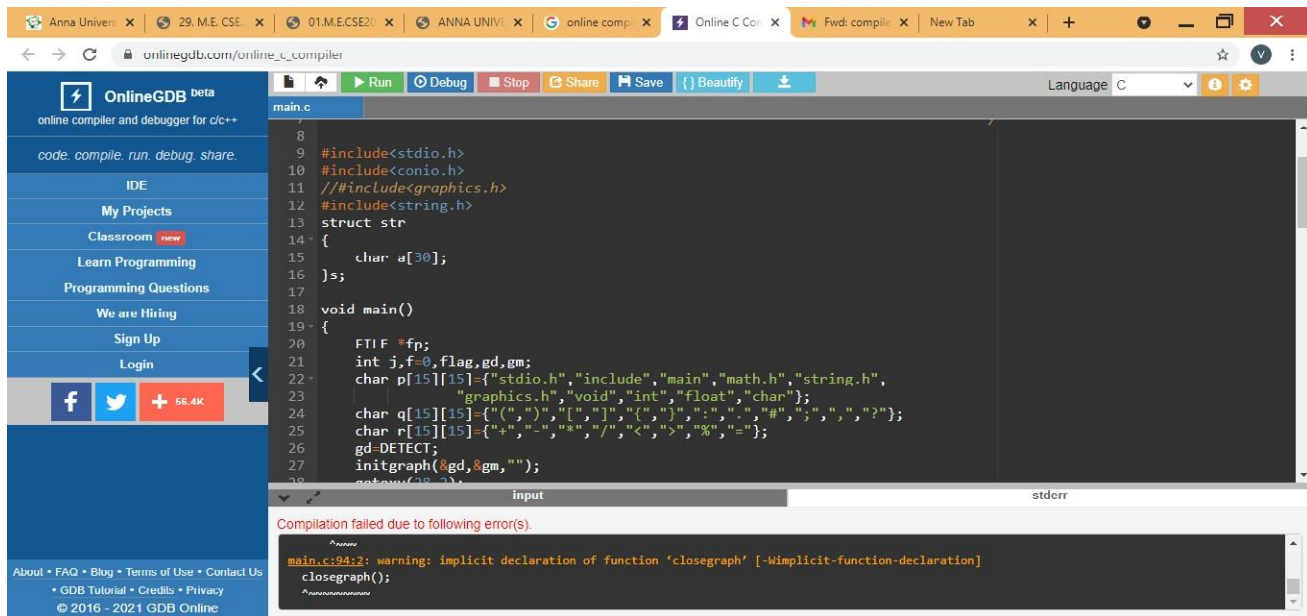
- ☐  $GkTB + G_{\text{Added}}$   
☐  $GkTB$   
☐  $G_{\text{Added}}$   
☐ None of the mentioned

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**CS8602 Compiler Design Tutorial Hours - Handled by I.Vallirathi, AP/CSE for III Year CSE for the academic Year 2019-2020 (Even Sem)**



The screenshot shows the OnlineGDB web interface. The left sidebar contains navigation links: OnlineGDB Beta, code.compile.run.debug.share, IDE, My Projects, Classroom (new), Learn Programming, Programming Questions, We are Hiring, Sign Up, and Login. The main editor area displays a C program named 'main.c' with the following code:

```
7
8
9 #include<stdio.h>
10 #include<conio.h>
11 // #include<graphics.h>
12 #include<string.h>
13 struct str
14 {
15     char a[30];
16 }s;
17
18 void main()
19 {
20     FILE *fp;
21     int j,f=0,flag,gd,gm;
22     char p[15][15]={"stdio.h","include","main","math.h","string.h",
23                   "graphics.h","void","int","float","char"};
24     char q[15][15]={"(",")","["",""],"{"",""}",".","",";","?",">"};
25     char r[15][15]={"+","-","*","/","<",">","%","="};
26     gd=DETECT;
27     initgraph(&gd,&gm,"");
28     closegraph();
29 }
```

The error message at the bottom states: "Compilation failed due to following error(s). main.c:94:2: warning: implicit declaration of function 'closegraph' [-Wimplicit-function-declaration] closegraph();".

**Fig : - CS8602 Compiler Design Tutorial Hours - Handled by I.Vallirathi, AP/CSE for III Year CSE for the academic Year 2019-2020 (Even Sem) in Online GDB Compiler**

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onlinegdb.com/online\_c\_compiler

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main.c

```
4 Code, Compile, Run and Debug C program online.
5 Write your code in this editor and press "Run" button to compile and execute it.
6
7 *****/
8
9 <int.1>
10
11 %{
12 #include "y.tab.h"
13 #include <stdio.h>
14 #include <string.h>
15 int LineNo=1;
16 %}
17 identifier [a-zA-Z][_a-zA-Z0-9]*
18 number [0-9]+|([0-9]*\.[0-9]+)
19 %%
20 main\(\) return MAIN;
21 if return IF;
22 else return ELSE;
23 while return WHILE;
24 int |
```

input stderr

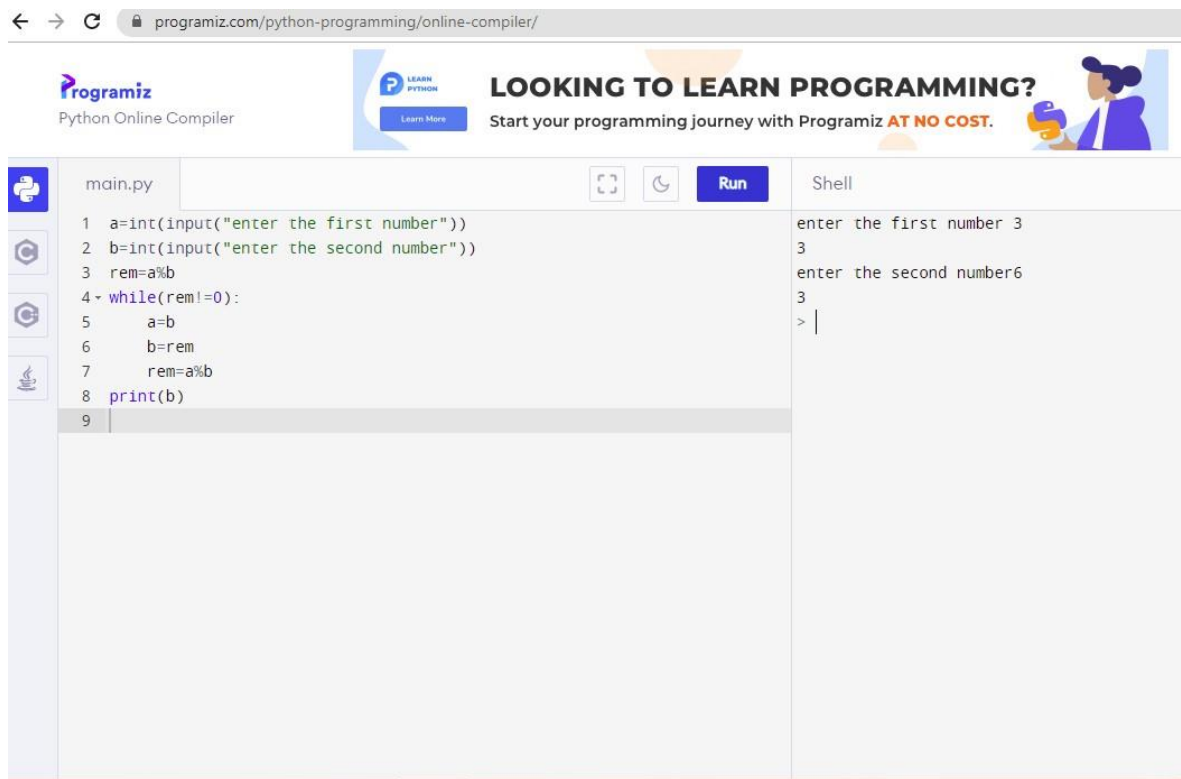
Compilation failed due to following error(s).

```
main.c:94:2: warning: implicit declaration of function 'closegraph' [-Wimplicit-function-declaration]
closegraph();
```

Fig : - CS8602 Compiler Design Tutorial Hours - Handled by I.Vallirathi, AP/CSE for III Year CSE for the academic Year 2019-2020 (Even Sem) in Online GDB Compiler

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**GE8161 PYTHON Programming Lab Handled by D.Mary Nisha ,AP/CSE for First Year A-section(CSE) for the academic Year 2019-2021 ( Odd Sem)**



The screenshot shows the Programiz Python Online Compiler interface. The browser address bar displays `programiz.com/python-programming/online-compiler/`. The page header includes the Programiz logo and a banner that reads "LOOKING TO LEARN PROGRAMMING? Start your programming journey with Programiz AT NO COST." The main editor area, titled "main.py", contains the following Python code:

```
1 a=int(input("enter the first number"))
2 b=int(input("enter the second number"))
3 rem=a%b
4 while(rem!=0):
5     a=b
6     b=rem
7     rem=a%b
8 print(b)
9
```

To the right of the code editor is a "Shell" window showing the program's execution output:

```
enter the first number 3
3
enter the second number 6
3
> |
```

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main.py	Run	Shell
<pre> 1 def newtonSqrt(n, howmany): 2     approx = 0.5 * n 3     for i in range(howmany): 4         betterapprox = 0.5 * (approx + n/approx) 5         approx = betterapprox 6     return betterapprox 7 print(newtonSqrt(10, 3)) 8 print(newtonSqrt(10, 5)) 9 print(newtonSqrt(10, 10)) 10 11 </pre>		<pre> 3.162319422150883 3.162277660168379 3.162277660168379 &gt; </pre>

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main.py	Run	Shell
<pre> 1 n=int(input("enter n value")) 2 e=int(input("enter exponent value")) 3 r=n 4 for i in range(1,e): 5     r=n*r 6 print("Exponent value :",r) 7 </pre>		<pre> enter n value 2 2 enter exponent value2 Exponent value : 4 &gt; </pre>

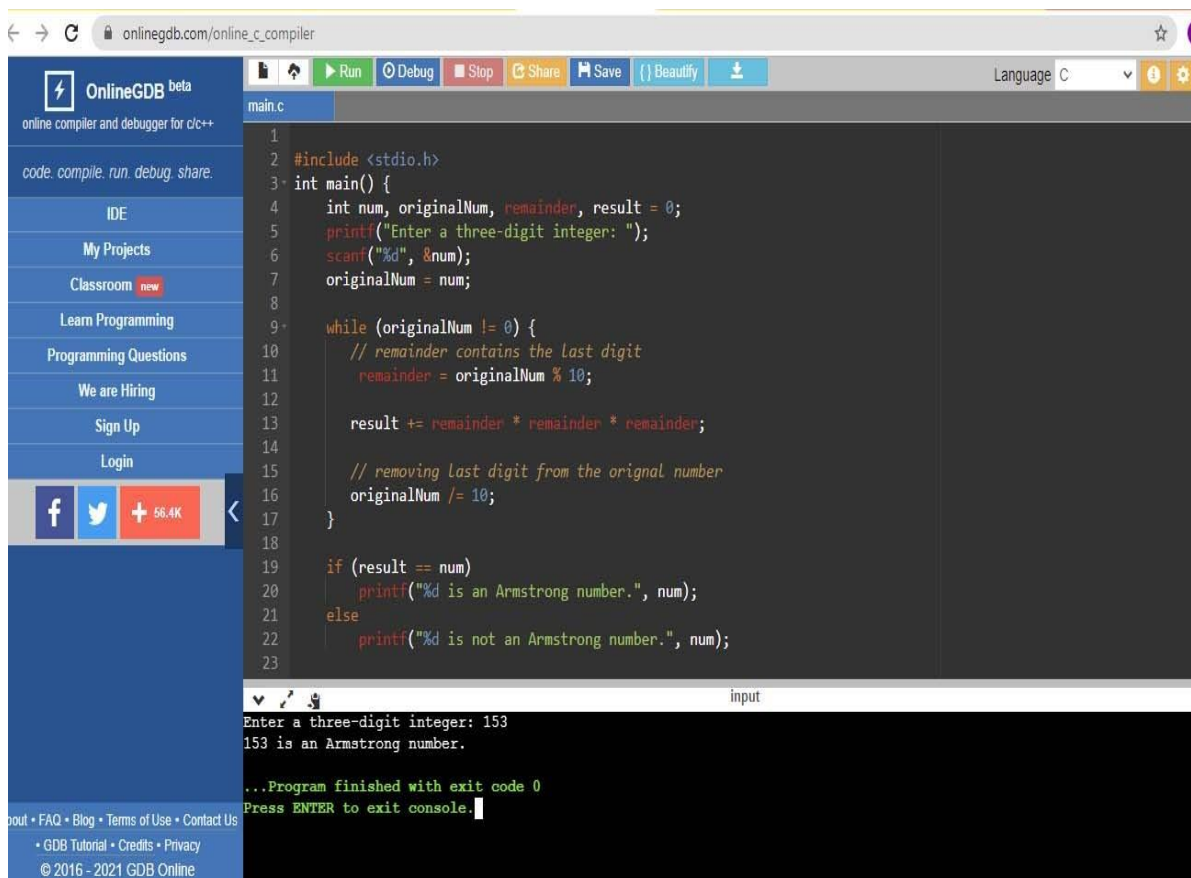
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**FACULTY NAME : D.MARY NISHA AP/CSE**

**SUBJECT CODE/NAME : CS8381/ DATASTRUCTURES LABORATORY**

**Academic Year 2019-2021 ( Odd Sem)**



```
1 #include <stdio.h>
2
3 int main() {
4     int num, originalNum, remainder, result = 0;
5     printf("Enter a three-digit integer: ");
6     scanf("%d", &num);
7     originalNum = num;
8
9     while (originalNum != 0) {
10        // remainder contains the last digit
11        remainder = originalNum % 10;
12
13        result += remainder * remainder * remainder;
14
15        // removing last digit from the original number
16        originalNum /= 10;
17    }
18
19    if (result == num)
20        printf("%d is an Armstrong number.", num);
21    else
22        printf("%d is not an Armstrong number.", num);
23 }
```

input

Enter a three-digit integer: 153  
153 is an Armstrong number.

...Program finished with exit code 0  
Press ENTER to exit console.

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onlinegdb.com/online\_c\_compiler

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main.c

```
1 #include <stdio.h>
2 int main() {
3     int n, i;
4     unsigned long long fact = 1;
5     printf("Enter an integer: ");
6     scanf("%d", &n);
7
8     // shows error if the user enters a negative integer
9     if (n < 0)
10        printf("Error! Factorial of a negative number doesn't exist.");
11    else {
12        for (i = 1; i <= n; ++i) {
13            fact *= i;
14        }
15        printf("Factorial of %d = %llu", n, fact);
16    }
17
18    return 0;
19 }
```

input

Enter an integer: 5  
Factorial of 5 = 120

...Program finished with exit code 0  
Press ENTER to exit console.

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