

https://www.davietjal.org/online-lectures-record-covid19

The screenshot shows a Google Classroom interface for a class named "IT 1 class 2nd Semester". The URL in the browser is classroom.google.com/c/NTY5MTY0NjIwNTZa. The page features a red header banner with the class name, semester, and class code "zq2fvro". Below the banner, there are three main sections: "Upcoming" (showing "No work due soon"), an announcement bar for "Announce something to your class", and a list of recent activity. The activity list includes a question posted by Shivani Vij on June 24, 2020, and an assignment titled "Physics file" posted on June 18, 2020. A Windows watermark is visible in the bottom right corner.

classroom.google.com/c/NTY5MTY0NjIwNTZa

IT 1 class
2nd Semester

Stream Classwork People Grades

IT 1 class
2nd Semester
Class code zq2fvro

Select theme
Upload photo

Upcoming
No work due soon
View all

Announce something to your class

Shivani Vij posted a new question: Practical attendance
Jun 24, 2020
2 class comments

Shivani Vij posted a new assignment: Physics file
Jun 18, 2020

Activate Windows
Go to Settings to activate Windows.
















ICT methods of teaching:
Duel mode classes during Covid time (2020-21)

+ Create

📅 Google Calendar 📁 Class Drive folder

All topics

View more

Numerical Methods	 Revision- numerical problems Ksp and Nern...	Posted Apr 28, 2020	⋮
Numerical methods	 Revision- Isomerism- structural and geome...	Posted Apr 29, 2020	⋮
Finite difference me...	 Revision- optical isomerism	Posted Apr 30, 2020	⋮
Numerical solutions...	 Revision- optical activity	Edited May 1, 2020	⋮
Question Bank	 Unit 3 and 4	Draft	⋮
Numerical Methods:...	 Quiz: Unit 3, 4	Draft	⋮
Parabolic PDE num...	 Tutorial: periodic properties submission...  1	Due Jun 16, 2020, 11:59 PM	⋮
Bander Schmidt's a...	 Tutorial: water corrosion chem submission s...	Due Jun 16, 2020, 11:59 PM	⋮
Finite difference me...	 Space to submit organic tutorial	Due Jun 16, 2020	⋮
Numerical methods ...	 Chapter- Intermolecular forces and PESs	Posted Dec 15, 2020	⋮
Quiz: Finding Roots ...			
Finite difference op...			

Presenting... Give control Stop presenting

41:34

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy Dismiss

Attendees (50)

- GK Gurleen Kaur
- GK Gurmanjit Kaur
- GS Gurmehar Singh
- GK Gurneet Kaur
- Hardik jain
- Harkirat Singh
- HR Harsh Rana
- Jatin Bhangotra
- Kunal Thakur
- Lakshay Sareen
- Manan Bahl

00:25:16 00:13:16

11:28 21-09-2021

26°C Heavy t-storms

CSE Phy theory-20210615_111320-Meeting Recording (1)

Presenting... Give control Stop presenting Shivani Vj

File Home Insert Draw History Review view Help

Type Lasso Select Panning Hand Eraser Tools Color & Thickness Shapes Edit Insert Space Delete Arrange Rotate Inks to Text Math Convert

Stimulated Emission:

Not Resonant Laser Action. Not in same Phase

Two Photons are emitted Having same energy, $\nu_1 \neq \nu_2$, States of Polarization, Phase

Seed Photon

Passes nearby this atom

$h\nu = E_g$

E_g

$h\nu$ $h\nu$

10

00:27:20

AK S DS GK MS GK RM HR

Genus Preet Kaur Maninder Singh Gurneet Kaur Ritika Malhotra Harsh Rana Harkirat Singh

33°C Sunny

00:11:12

TO ANALYZE THE SUITABILITY OF A GIVEN ZENER DIODE - OneNote

File Home Insert Draw History Review View Help

Type Lasso Select Panning Hand Eraser Color & Thickness Shapes Edit

aa > Variation of MF with distance Lab

PROCEDURE:

Voltage across Series Resistance (V_s)
 Current through Series Resistance (I_s)
 Current through Load Resistance (I_L)
 Current through Zener Diode (I_Z)

Reverse

$$V_{in} = IR_s + V_{out} \text{ --- (1)}$$

$$V_{in} = IR_s + V_Z$$

$$I = I_L + I_Z \text{ --- (2)}$$

$$V_{out} = V_{in} - IR_s$$

CSE LabSemiconductor Phy-31.5.2021-Meeting Recording

00:27:17

13:52 31-05-2021 ENG

Activate Windows
Go to Settings to activate Windows...

00:06:59

AK UB SG AR SG RM

Samaj Goyal Aditi Mahajan Ramandeep Kaur Palak Mathotra Ritika Mathotra Manmeet Kaur Shivani Vij

This PC 27°C Light rain 11:45 21-09-2021

CSE phys theory-20210614 111228-Meeting Recording

marks: 10

Quest No.	Question	CO's RBT Level
1	Calculate the total number of energy states per unit volume, in silicon, between the lowest level in the conduction band and a level kT above this level, at $T = 300\text{ K}$. The effective mass of the electron in the conduction band is 1.08 times that of a free-electron. ($2.11 \times 10^{25} / m^3$)	CO1, L2, L5
2	Calculate the probability that an energy level (a) kT (b) $3kT$ (c) $10kT$ above the <u>fermi-level</u> is occupied by an electron. ($0.268, 0.047, 4.5 \times 10^{-5}$)	CO1, L2, L5
3	The <u>fermi-level</u> in a semiconductor is 0.35 eV above the valence band. What is the probability of non-occupation of an energy state at a level kT <u>below</u> the top of the valence band, at (i) 300 K (ii) 400 K ? ($4.97 \times 10^{-7}, 1.448 \times 10^{-5}$)	CO1, L2, L5
4	The <u>fermi-level</u> in a semiconductor is 0.35 eV above the valence band. What is the probability of non-occupation of an energy state at the top of the valence band, at (i) 300 K (ii) 400 K ? ($1.353 \times 10^{-6}, 3.9 \times 10^{-5}$)	CO1, L2, L5
5	For copper at 1000 K (a) find the energy at which the probability $P(E)$ that a conduction electron state will be occupied is 90%. (b) For this energy, what is the $n(E)$, the distribution in energy of the available state? (c) for the same energy what is $n_o(E)$ the distribution in energy of the occupied states? The Fermi energy is 7.0 eV , ($6.87 \times 10^{28} m^{-3}$, $1.78 \times 10^{28} m^{-3} eV^{-1}$, $1.13 \times 10^{28} m^{-3} eV^{-1}$). The effective mass of hole and electron in Cu are respectively 0.48 and 0.067 times the free electron mass. The band gap energy is 1.43 eV . How	CO2, L3, L5

00:44:12

00:05:20

Windows taskbar showing system tray (27°C, Light rain, 11:50, 21-09-2021), taskbar icons (Chrome, Word, etc.), and a meeting toolbar with participant icons (RK, GT, R, RM, GK, SG) and a play button.

TEMPERATURE DEPENDENCE OF ELECTRON AND HOLE CONCENTRATION

08 August 2020
14:58

OR
The n & p Equations

no. of electrons per unit volume

(I) The electron Concentration in C.B.

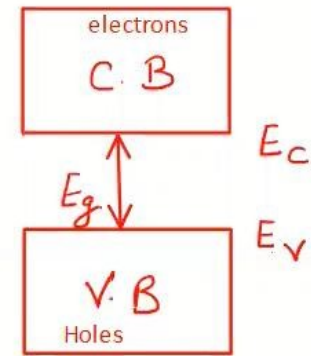
$$Z(E) = \frac{8\pi m_e^*}{h^3} \sqrt{2m(E - E_c)}$$

↓
density of states

$$F(E) = \frac{1}{1 + e^{(E - E_F)/KT}}$$

↓
Prob. of occupation.

$$dn = Z(E) F(E) dE$$



E to $E + dE$

Activate Windows
Go to Settings to activate Windows.



you are here->home->physical sciences

You are logged in as Shivani Viji || Help || Log out

Physical Sciences



Electricity & Magnetism Virtual Lab

We depend on electricity every minute of every day. It seems a mysterious and even a magical force. Magnetism's ability to serve mankind especially lies in its relationship to electricity. That means, magnetism and electricity are so closely related to each other. The concept of this can be applied in many technologies for an effective productivity.

- Tangent Galvanometer || Magnetic Field Along The Axis of A Circular Coil Carrying Current || Deflection Magnetometer || Van De Graaff Generator || Barkhausen Effect || Temperature Coefficient of Resistance || Anderson's Bridge || Quincke's Method



Heat & Thermodynamics Virtual Lab

Thermodynamics is the study of the conversion of energy into work and heat and its relation to macroscopic variables such as temperature, volume and pressure.

- Heat Transfer by Radiation || Heat transfer by Conduction || Heat Transfer by Natural Convection || The Study of Phase Change || Black Body Radiation: Determination of Stefan's Constant || Newton's Law of Cooling || Lee's Disc Apparatus || Thermo Couple-Seebeck Effect



Harmonic Motion and Waves Virtual Lab



Courses >

Engineering Mathematics - I

By Prof. Jitendra Kumar | IIT Kharagpur

Learners enrolled: 5172

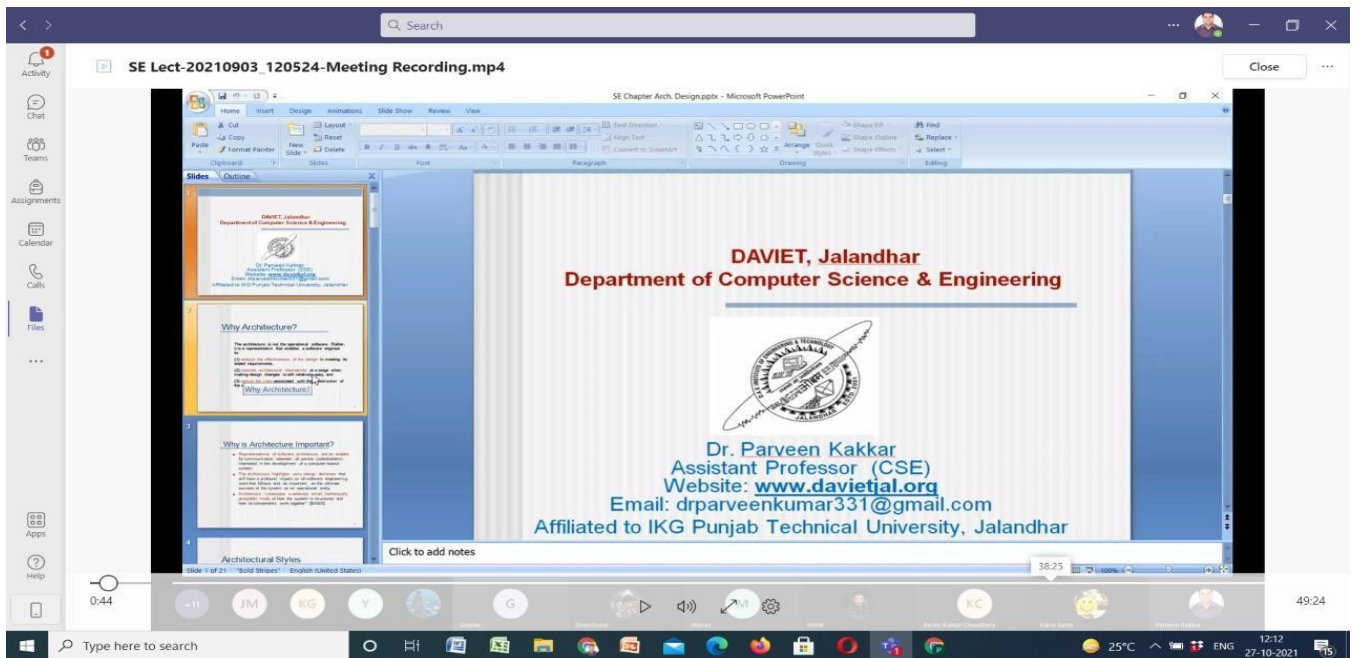
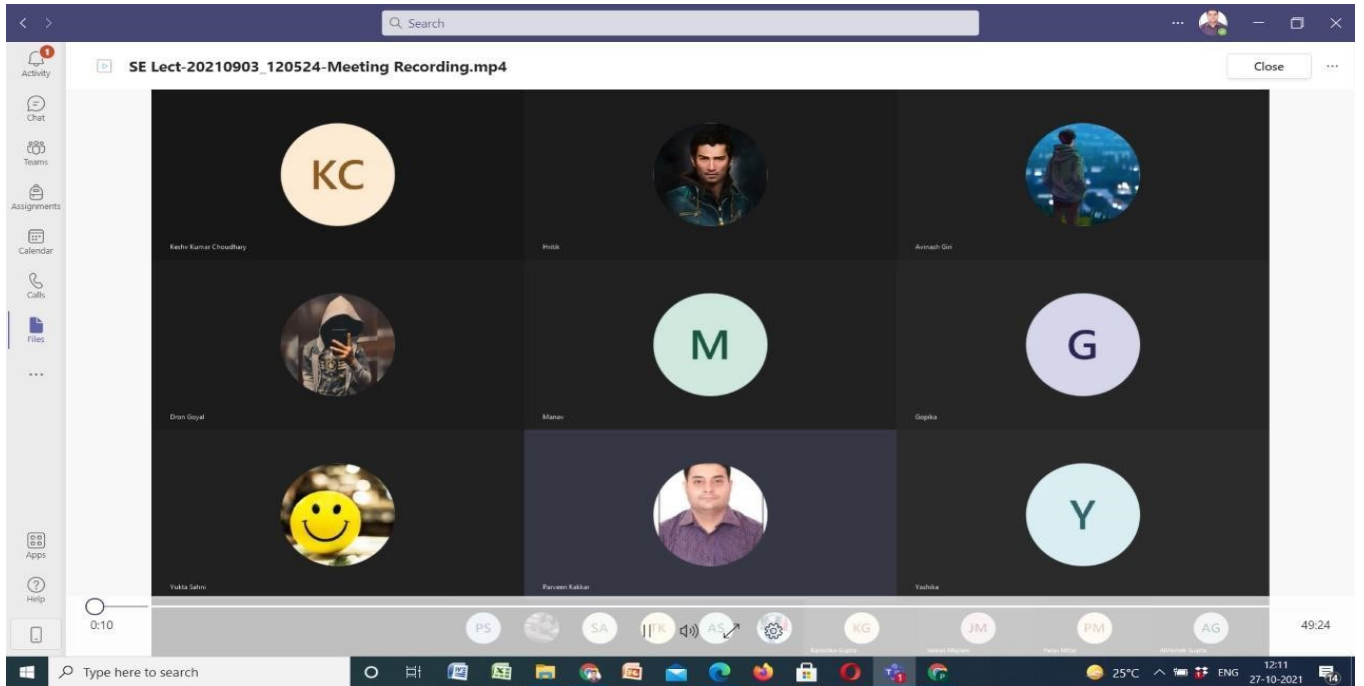


This course is about the basic mathematics that is fundamental and essential component in all streams of undergraduate studies in sciences and engineering. The course consists of topics in differential calculus, integral calculus, linear algebra and differential equations with applications to various engineering problems. This course will cover the following main topics: Mean Value Theorems; Indeterminate Forms; Taylor's and Maclaurin's Theorems. Partial Derivatives; Differentiability; Taylor's Expansion of Functions of Several Variables. Maxima and Minima. Improper Integrals. Differentiation under Integral Sign (Leibnitz

Summary

Course Status :	Completed
Course Type :	Core
Duration :	12 weeks
Start Date :	14 Sep 2020
End Date :	04 Dec 2020
Exam Date :	19 Dec 2020 IST
Enrollment Ends :	<u>25 Sep 2020</u>
Category :	◦ Mathematics
Credit Points :	3
Level :	Undergraduate





SE Lect-20210903_120524-Meeting Recording.mp4

SE Chapter Arch. Design.pptx - Microsoft PowerPoint

Why Architecture?

The architecture is not the operational software. Rather, it is a representation that enables a software engineer to:

- (1) **analyze the effectiveness of the design** in meeting its stated requirements,
- (2) **consider architectural alternatives** at a stage when making design changes is still relatively easy, and
- (3) **reduce the risks** associated with the construction of the software.

Click to add notes

Slide 2 of 21 - Solid Stream - English (United States)

1:09 49:24

Type here to search

25°C 12:12 27-10-2021

Untitled - Paint 3D

Search

GST-20210811_100019-Meeting Recording.mp4

Close

Height 1080 px

Continue

- 17. Lot of Paper Work
- 18. Tax Evasion
- 20. The previous indirect Tax structure is very complex as both Centre and State Government levy taxes, leading to double taxation.
- 21. State Governments are not empowered to levy taxes on provision of services.
- 22. As the State Governments cannot levy service tax, hence it negatively effects their state tax revenues, precisely because Service Tax contributes majorly to the tax revenues.
- 23. Tax administration both at the central and state levels is complex.
- 24. Low level of automation of administrative procedures is another deficiency. Many of the administrative processes are still manual.
- 25. Return filing in India is a complex task.
- 26. Assesseees paying both central and state taxes have to separately maintain accounts and submit returns to both Central and State Governments.
- 27. Multiplicity of taxes makes the system more difficult.

0:19

Type here to search

29°C Haze

04:40 PM 29-10-2021

MEANING OF GST

- GST is nothing new, but a well designed value added tax that covers both goods and services.
- GST is a tax that is levied on the value added to a purchased supply (whether goods or a service) before it is sold again.
- Under the GST regime, tax would be levied on the value addition done at each stage of production and distribution.
- In the previous tax regime, separate taxes were levied on manufacturing (Excise Duty), on sale within state (VAT), on inter state sale (GST), on provision of taxable services (Service Tax) and on Imports and Exports (Import Duty and Export Duty).
- But GST would be a comprehensive indirect tax which is levied on Supply of goods or Services or both which includes manufacturing, sale and consumption of both goods and services throughout India.
- GST would subsume all different kinds of indirect taxes levied by both Central and State

Dr M

Zetoon P

SR Sapna R

S Soma

0:19

Type here to search

29°C Haze

04:40 PM 29-10-2021

Document1 - Microsoft Word

classroom.google.com/u/0/c/Nz140Tc1MjQ3ODVa

BTech -CSE 4th Sem

Stream Classwork People Marks

Class code: d2ixvod

Upcoming: No work due in soon

saved announcements (1)

- Announce something to your class
- Dr. Harpreet K. Bajaj posted a new assignment: OS-Practical file (25 Jun 2020)
- Dr. Harpreet K. Bajaj posted a new assignment: MST-II (16 Jun 2020)
- Dr. Harpreet K. Bajaj (13 Apr 2020)
Notes:
File system architecture a... PDF
File Access and Allocation ... PDF
- Add class comment
- Dr. Harpreet K. Bajaj posted a new assignment: OS assignment no. 2 (28 Mar 2020)

1 class comment

Activate Windows

classroom.google.com/u/0/c/Nz140Tc1MjQ3ODVa

BTech -CSE 4th Sem

Stream Classwork People Marks

BTech -CSE 4th Sem

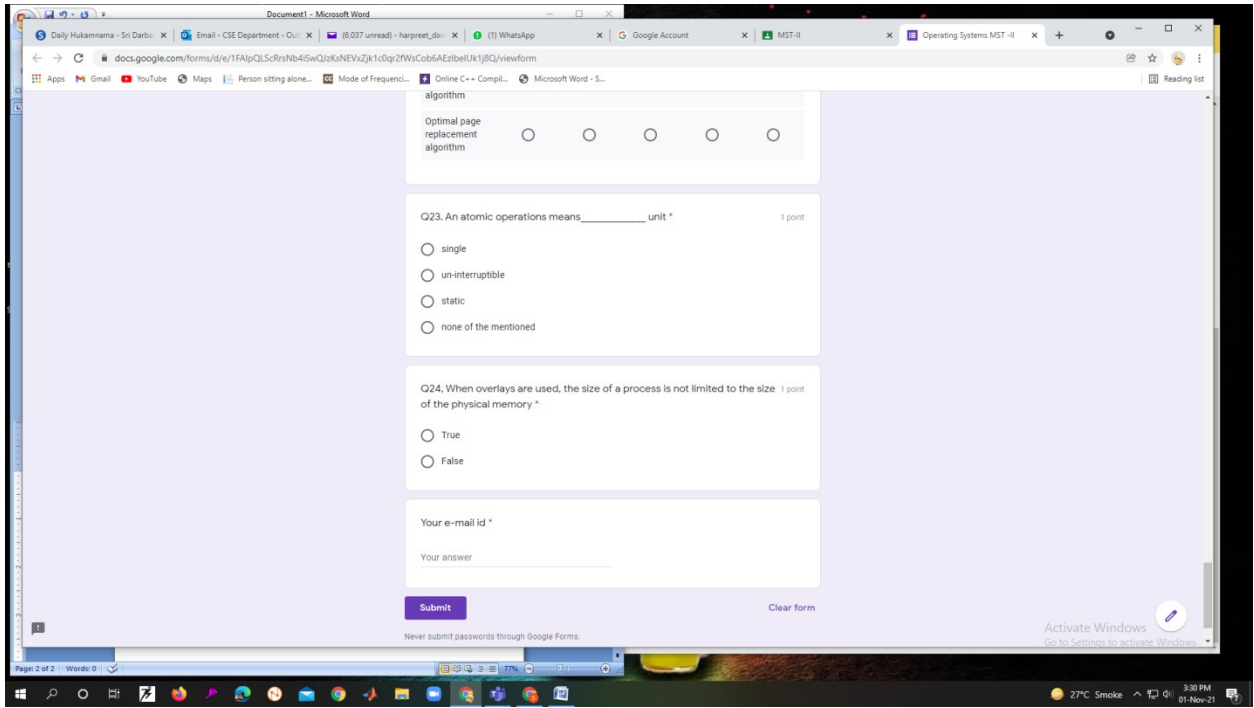
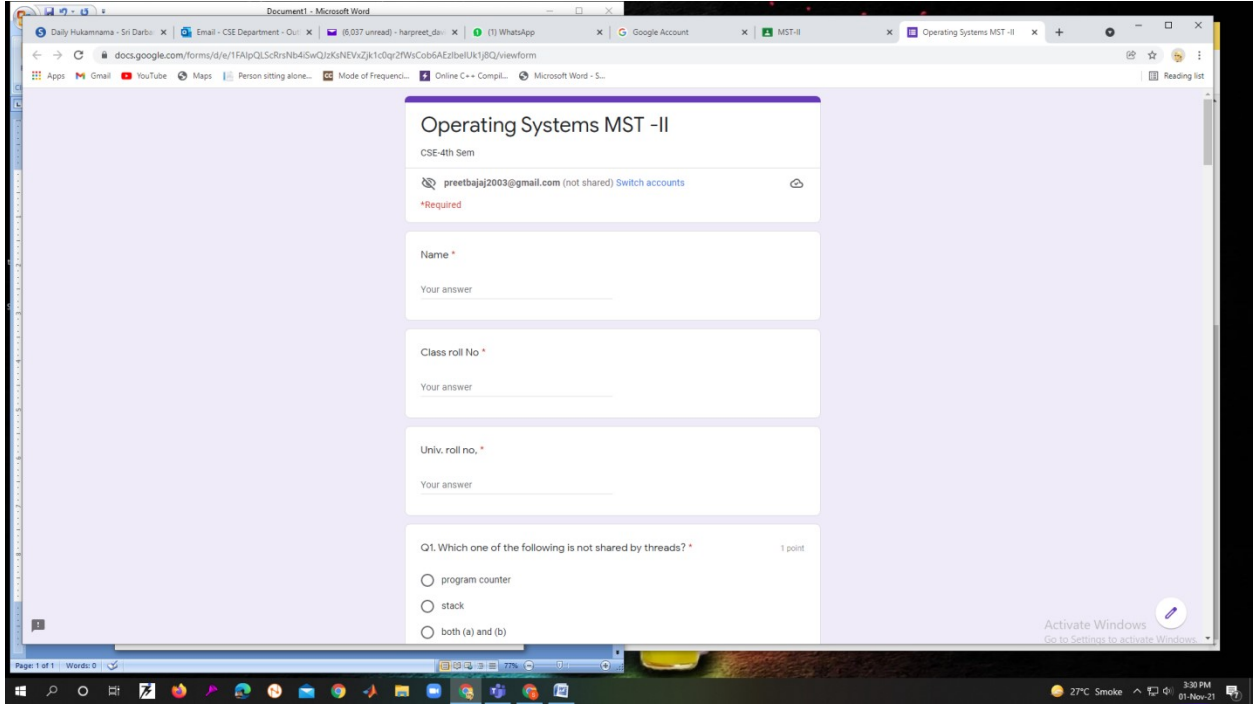
Class code: d2ixvod

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- Dr. Harpreet K. Bajaj (13 Apr 2020)
Notes:
File system architecture a... PDF
File Access and Allocation ... PDF

Activate Windows



11:54

4G

< 19



CSE-3rd-Sem

Amit Sharma, Bindiya Jain, Dass, Gobind,...



LINK

12:40 PM

+91 89683 82073 joined using this group's invite link

Wed, 6 Oct

Harpreet Cse Daviet

~~This message was deleted.~~ 9:51 AM

Students the lecture of OOP will be rescheduled as I have some urgent meeting to attend today's. 9:52 AM

Thu, 7 Oct

+91 82644 56475

~Let's Kill It

Forwarded

Link to Forward:

National level 2 months internship training courses accredited by ICTE available for our college.

Fill the form below for further information regarding your domain. Once you fill the form, you will be contacted where you can clear all your doubts.

Form:

<https://forms.gle/PiTeAhYPUXEd9Lgi9>

Referral Code: PAL75

6:38 PM

Pls fill this form for me guys 🙌

6:44 PM

Tue, 12 Oct

Dass Lab It added +91 98881 24723

11:54

4G

< 19



CSE 4th year

Aishmeen Kr Std, Anmol Jasra CSE Std, A...



Vishav Kapoor ASTT TPO

KPIT



KPIT's Off-Campus
Freshers' Hiring

pdf 14 Oct Hiring drive for BE freshers -
2021 Batch - KPIT.pdf

41 pages · 3.5 MB · pdf

11:24 AM

Tue, 12 Oct

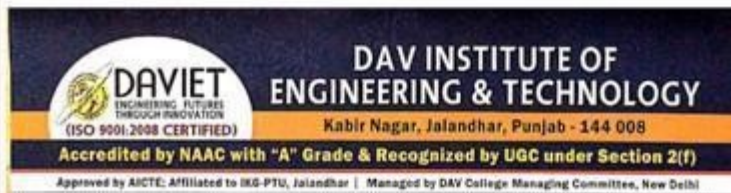
Vishav Kapoor ASTT TPO

Any students who have placed or applied
for any off campus drive of company
offering pkg of more then 10LPA can
msg me seprately.

10:09 AM

Sahul MCA

➔ Forwarded



pdf Happy Durga Ashtami 2021_1.pdf

1 page · 446 KB · pdf

2:17 PM

Thu, 14 Oct

Vishav Kapoor ASTT TPO

Dear Student,

It is for your information that Catalyst



13:28

Voi 4G LTE1 79%



B.Tech. EE (2018-2022)

Arshdeep, Baljit, Chintu, Gobind, Gurwi Der...



RC Meeting ID: 1491529638

Please find the link for the same as below:

<https://meetings.ringcentral.com/j/1491529638>

* Please Note :

Login Time : Students please login 10 minutes prior to the PPT Session i.e. at 10:50 am

Test Link : To be shared tomorrow morning (During the session), after the written test instructions

Resume : Please ask students to stay ready with the latest soft copy of their resume. (Needed to be uploaded during writ... [Read more](#)

19:03

+91 98881 44156

~Vishav Kapoor

• Itinerary of the Drive :

S.No	Timings	Details
1	11:00am-11:05 am	BTES Presentation
2	11:25am-11:45 am	HR Presentation
3	11:50am-11:55 am	Written Test Instructions
4	12:00pm	Written Test

19:03

Guys as per infm just received,tomorrow is only online test of 20-25 mins....interviews will be from Tuesday or Wednesday.

19:05

Message



13:27

VoLTE 4G 80%



B.Tech EE (2020-2024)

Aarti, Amit, Baljit, Chintu, Drishti, hari sing...



Microsoft Teams
teams.microsoft.com

Dear Student,

Department of Training & Placement is going to organize Webinar on "Mass Hybridization-Future of Hybrid Electric Vehicle (HEV)" by TOYOTA India on September 27,2021 from 10:00AM Onwards.

Session will be delivered by following members of TOYOTA, India :

Mr. Sandeep Bhagat, AGM & Head-North
Mr. Rajeev Kumar, Technical & Training Head, North & East
Mr. Saurav Ghosh, Training Manager, North
Mr. Gurpreet Singh, Hybrid Expert
Mr. Rajesh Kumar Sharma, Hybrid Expert.

Webinar Details:

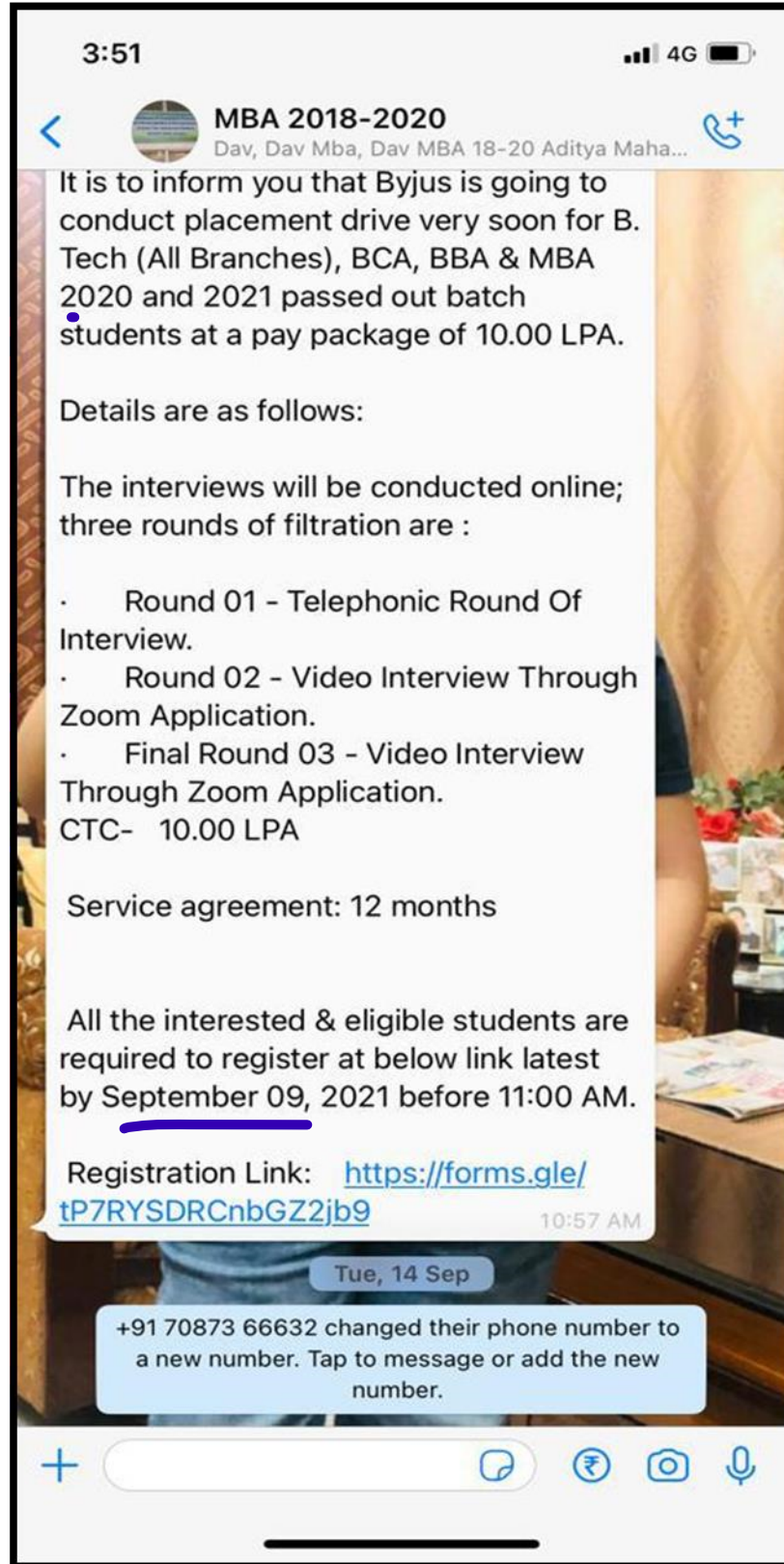
Date-27th September 2021
Time-10:00 AM ~ 12:00 PM
Mode-Microsoft TEAMS

All the 3rd, 5th & 7th Semester Students of B. Tech (Mechanical/Electrical/Electronics & Communication) are required to register at below link by tomorrow i.e., 24/09/2021 before 11:00AM.

Message



Screen Shots What's App Groups



Ritu Sehgal

Forwarded

Respected HODs/ICs, Please inform Final Year and PreFinal Year Students to attend the Indian Airforce(IAF)session and Road Drive as per schedule.

10:58

Ritu Sehgal

Forwarded

Date	Branches	Year	Time	Venue
21-Sep-21	B. Tech (CSE/IT/ECE/EE) & MBA	Pre Final Year and Final Year students	09:00AM onwards	Conventi on Hall DAVIET
22-Sep-21	B. Tech (ME/CE), MCA & all other UG courses			

Ritu Sehgal

Forwarded

DAV INSTITUTE OF ENGINEERING & TECHNOLOGY
Organizes
Indian Air Force
Pre-Placement Talk and IPEV Road Drive (Aircraft Simulation)
September 21-22, 2021