

2.3.2. Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-Learning resources etc.

2.3.2.1. Number of teachers using ICT

| Number of teachers using ICT (LMS, e-Resources) | Number of teachers on roll | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|----------------------------|---|----------------------------------|----------------------------|---|
| 162 | 162 | NPTEL Swayam ,Mooc, Ulektz, ERP Animations, e-books, Scanned Notes, You tube videos | 37 | 2 | NPTEL Swayam ,Mooc, Ulektz, ERP Animations, e-books, Scanned Notes, You tube videos |




PRINCIPAL

PRINCIPAL
 JCT College of Engineering & Technology
 PICHANUR, Coimbatore - 641 105.

| | |
|--|--|
| PROGRAMME OBJECTIVE PEO PROGRAMME OUTCOME PO PROGRAMME SPECIFIC OUTCOME PSO | UNIT 1 Vectors & Matrices V M V M |
|--|--|

1.1.1

1.1.2

1.1.3

1.1.4

1.1.1

1.1.2

1.1.3

1.1.4

1.1.1

1.1.2

1.1.3

1.1.4

Coimbatore, Tamil Nadu, India



Longitude Latitude

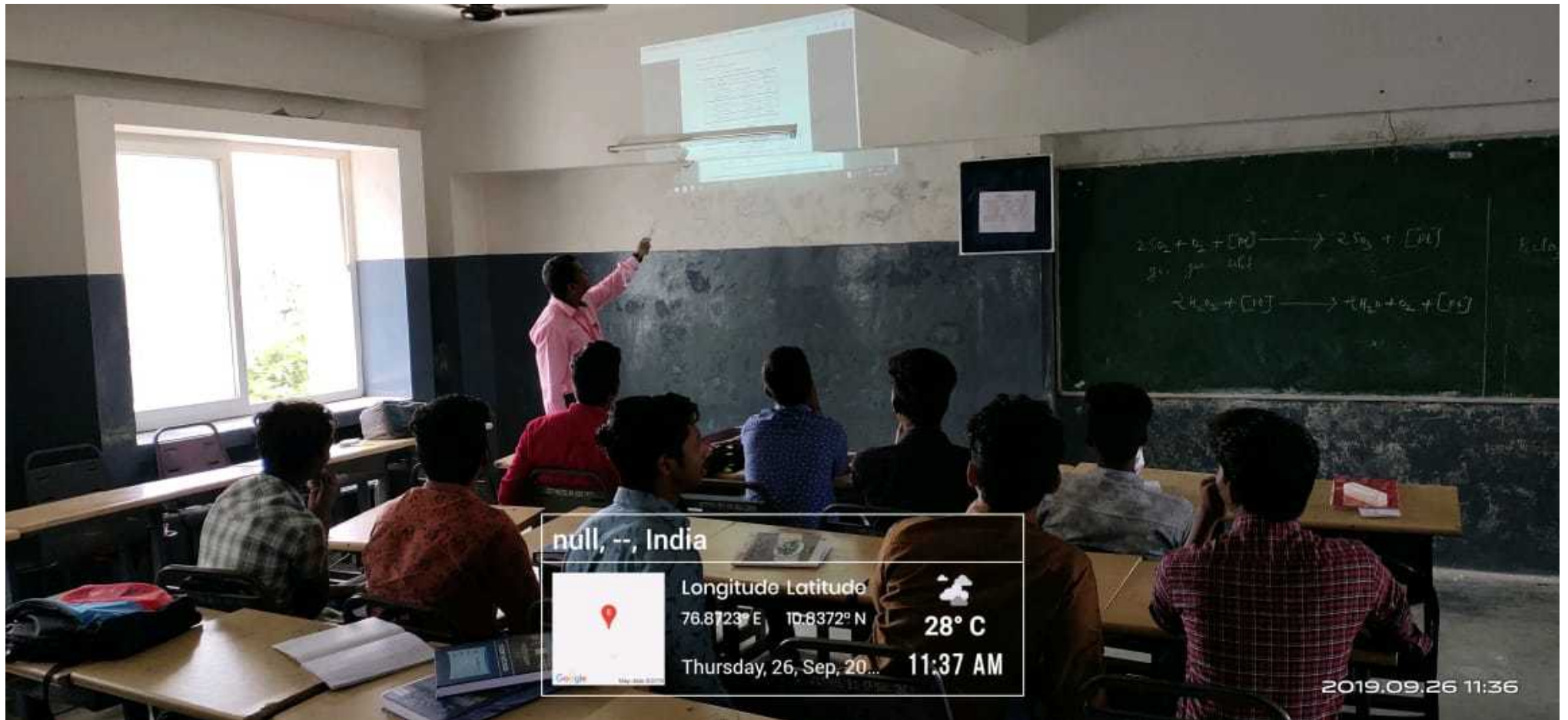
76.8791° E 10.8364° N

29° C

Thursday, 26, Sep, 20...

12:53 PM

2019.09.26 12:53



null, --, India



Longitude Latitude

76.8723° E 10.8372° N



28° C

Thursday, 26, Sep, 20...

11:37 AM

2019.09.26 11:36





Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8786° E 10.835° N

29° C

Friday, 27, Sep, 2019

11:13 AM

2019.09.27 11:13



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8786° E 10.8358° N



28° C

Thursday, 26, Sep, 20...

12:21 PM

2019.09.26 12:21



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8737° E 10.8297° N

29° C

Friday, 27, Sep, 2019

11:39 AM

2019.09.27 11:39



Coimbatore, Tamil Nadu, India



Longitude Latitude

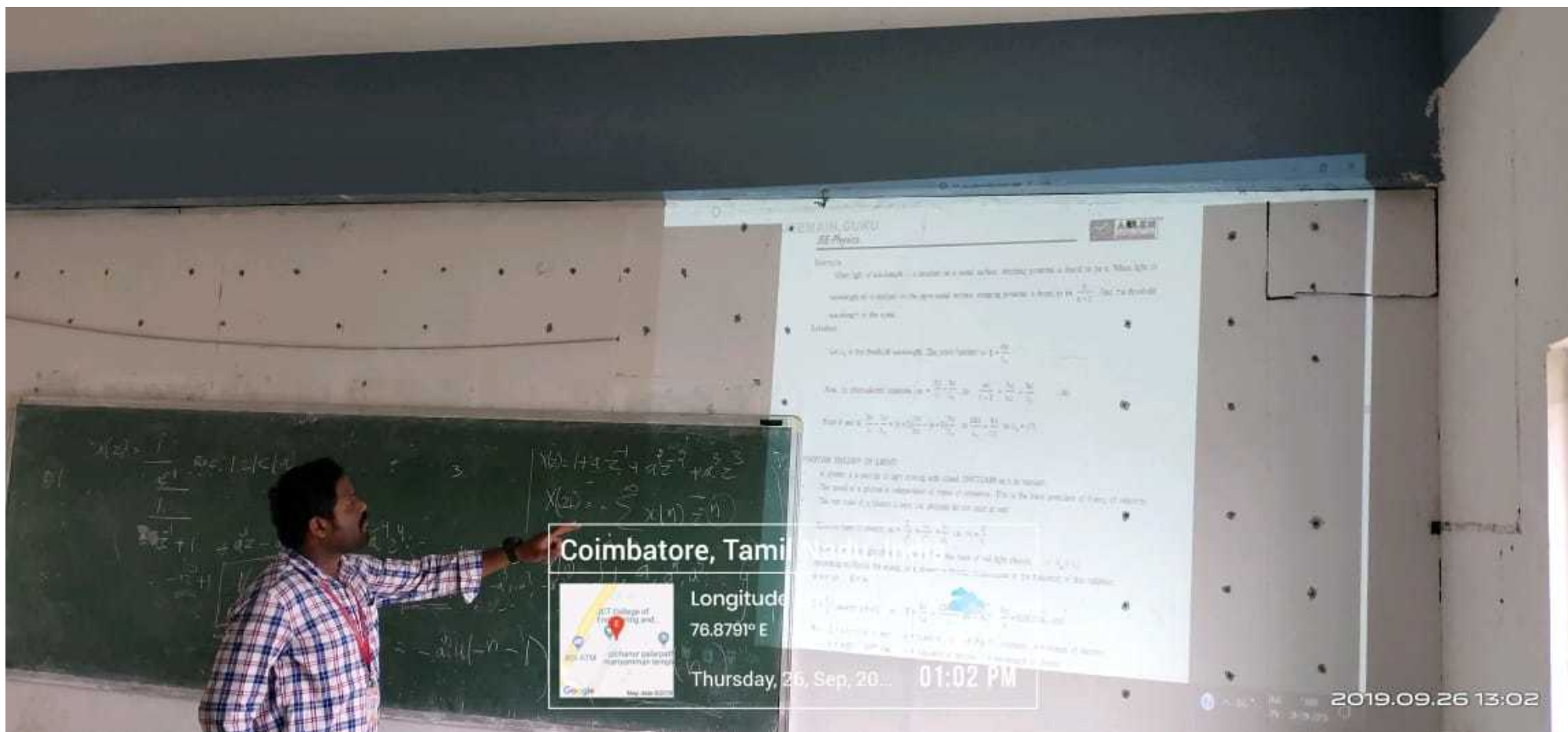
76.8803° E 10.8354° N

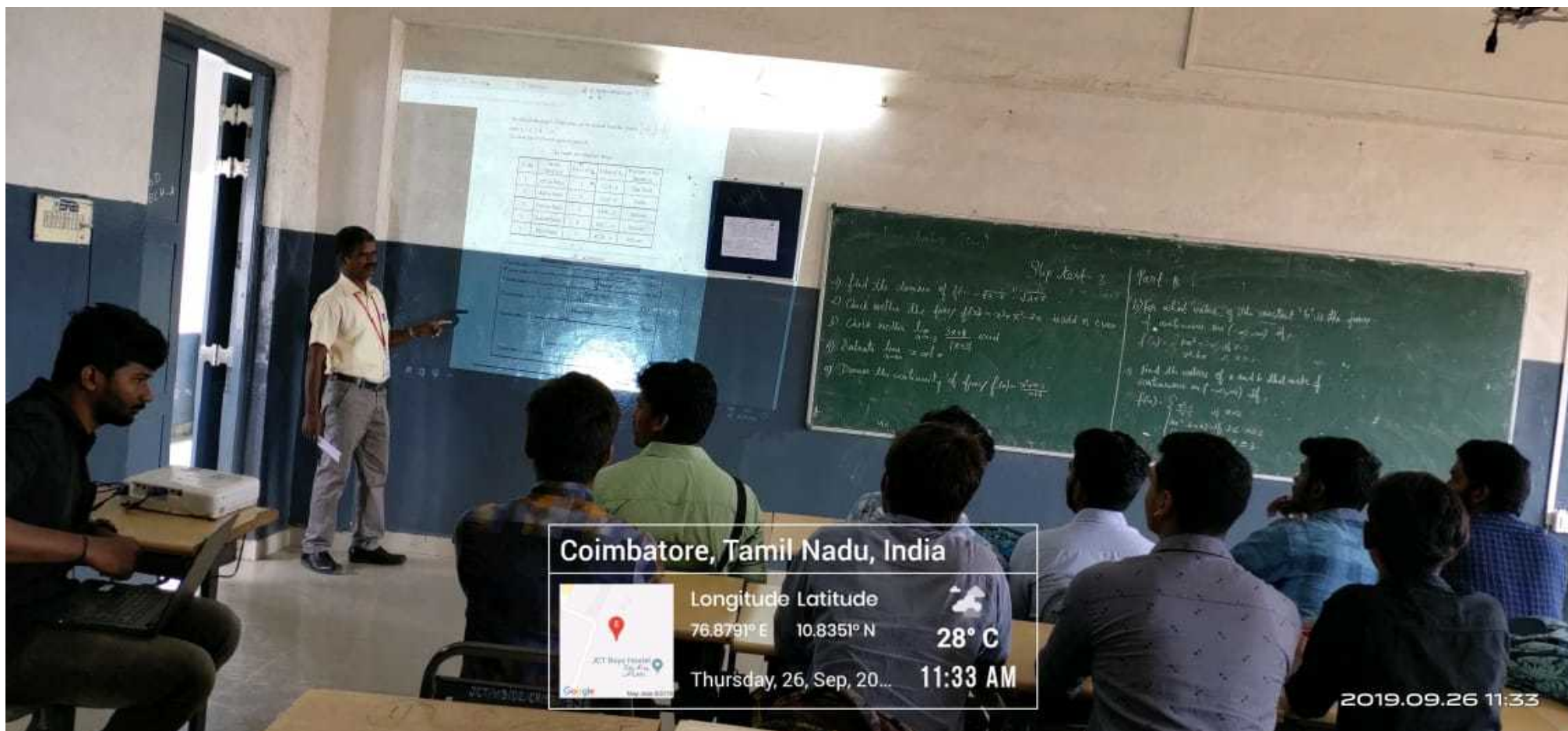
Friday, 27, Sep, 2019

30° C

12:16 PM

2019.09.27 12:15





Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8791° E 10.8351° N



28° C

Thursday, 26, Sep, 20...

11:33 AM

2019.09.26 11:33





Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8797° E 10.8355° N

30° C

Friday, 27, Sep, 2019

12:10 PM

2019.09.27 12:10



Pichanur, --, India



Longitude Latitude

76.8772° E 10.8385° N



28° C

Thursday, 26, Sep, 20...

11:46 AM

2019.09.26 11:46



Ques.

Draw the flow chart of the following

1) Liquid dominated system

2) Vapor dominated system

3) Flash steam system

4) Binary system

Geothermal Energy

Geothermal Energy

Geothermal Energy is a renewable energy source that harnesses the heat from the Earth's interior. It can be used to generate electricity or provide direct heating. The heat is typically derived from geothermal reservoirs, which are underground pools of water or steam heated by the Earth's core. Geothermal energy is a clean and sustainable source of power.

Coimbatore, Tamil Nadu, India

 Longitude Latitude
76.8786° E 10.8358° N 28° C
Thursday, 26, Sep, 20... 12:10 PM



Palakkad, Tamil Nadu, India



Longitude Latitude
76.8794° E 10.8353° N
Friday, 27, Sep, 2019



30° C
12:20 PM

2019.09.27 12:20



Palakkad, Tamil Nadu, India



Longitude Latitude

76.8792° E 10.8355° N

28° C

Thursday, 26, Sep, 20...

11:54 AM

2019.09.26 11:53



Palakkad, Tamil Nadu, India



Longitude Latitude

76.8795° E 10.8351° N

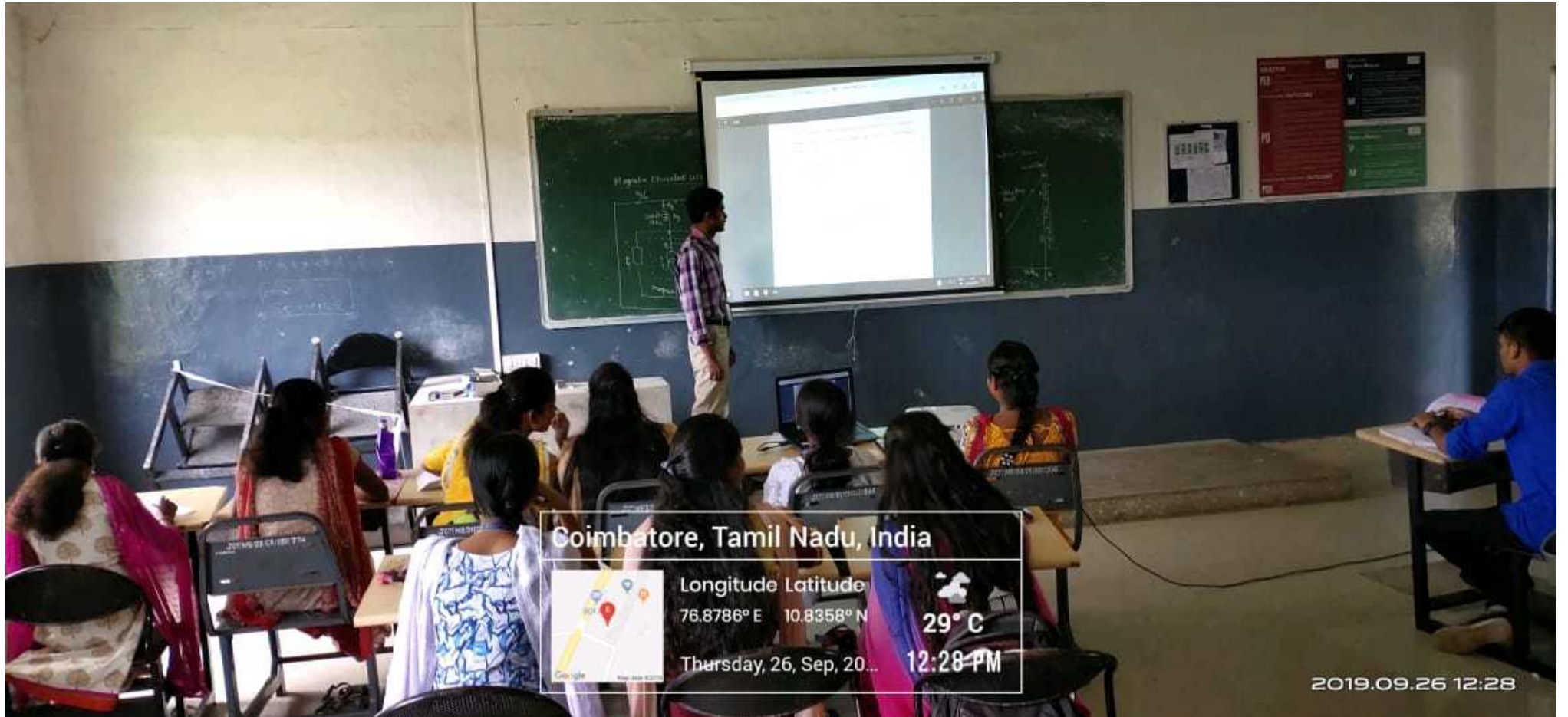
Friday, 27, Sep, 2019



29° C

11:34 AM

2019.09.27 11:34



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.8786° E 10.8358° N

29° C

Thursday, 26, Sep, 20...

12:28 PM

2019.09.26 12:28



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.879° E 10.8357° N

28° C

Thursday, 26, Sep, 20...

12:17 PM

2019.09.26 12:17



Palakkad, Kerala, India

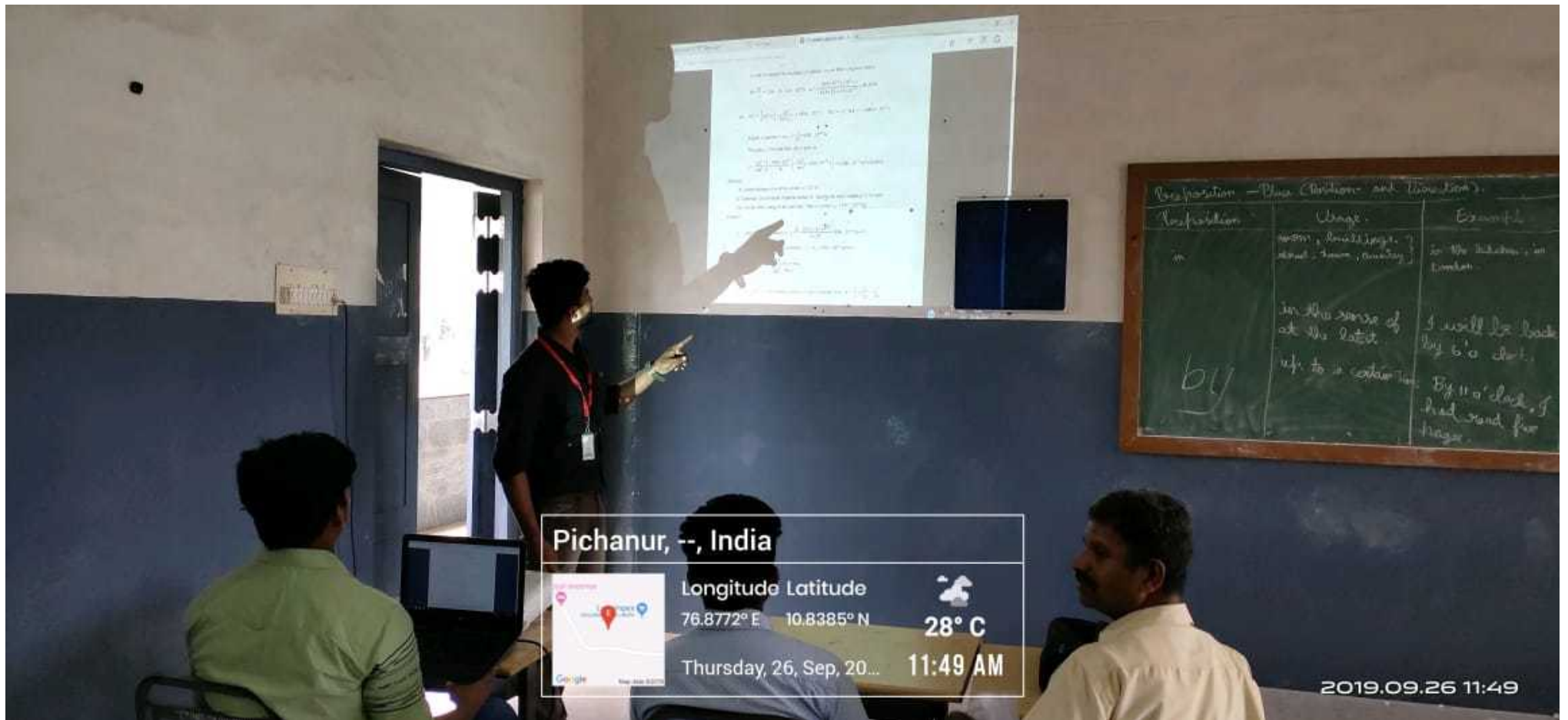


Longitude Latitude
76.8402° E 10.8425° N

28° C

Thursday, 26, Sep, 20... 11:43 AM

2019.09.26 11:43



Pichanur, --, India



Longitude Latitude
76.8772° E 10.8385° N
28° C
Thursday, 26, Sep, 20... 11:49 AM

| Preposition - Place (Position and Direction). | | |
|---|--|---|
| Preposition | Usage. | Example. |
| in | room, building, page, cloud, town, country. | In the kitchen, in London. |
| by | in the sense of at the side of up to a certain time. | I will be back by 6 o'clock. By 11 o'clock, I had read five pages. |

2019.09.26 11:49



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.8780° E 10.8358° N



29° C

Thursday, 26, Sep, 20...

12:32 PM

2019.09.26 12:32



Palakkad, Tamil Nadu, India



Longitude Latitude
76.8792° E 10.8355° N

28° C

Thursday, 26, Sep, 20...

11:31 AM

2019.09.26 11:31

Date: 26/9/19
Day: Thursday

Condition for Louis Nelson

1. Population Increase should be achieved.
2. Stimulated expansion should be predominant over spontaneous expansion.



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8791° E 10.8347° N

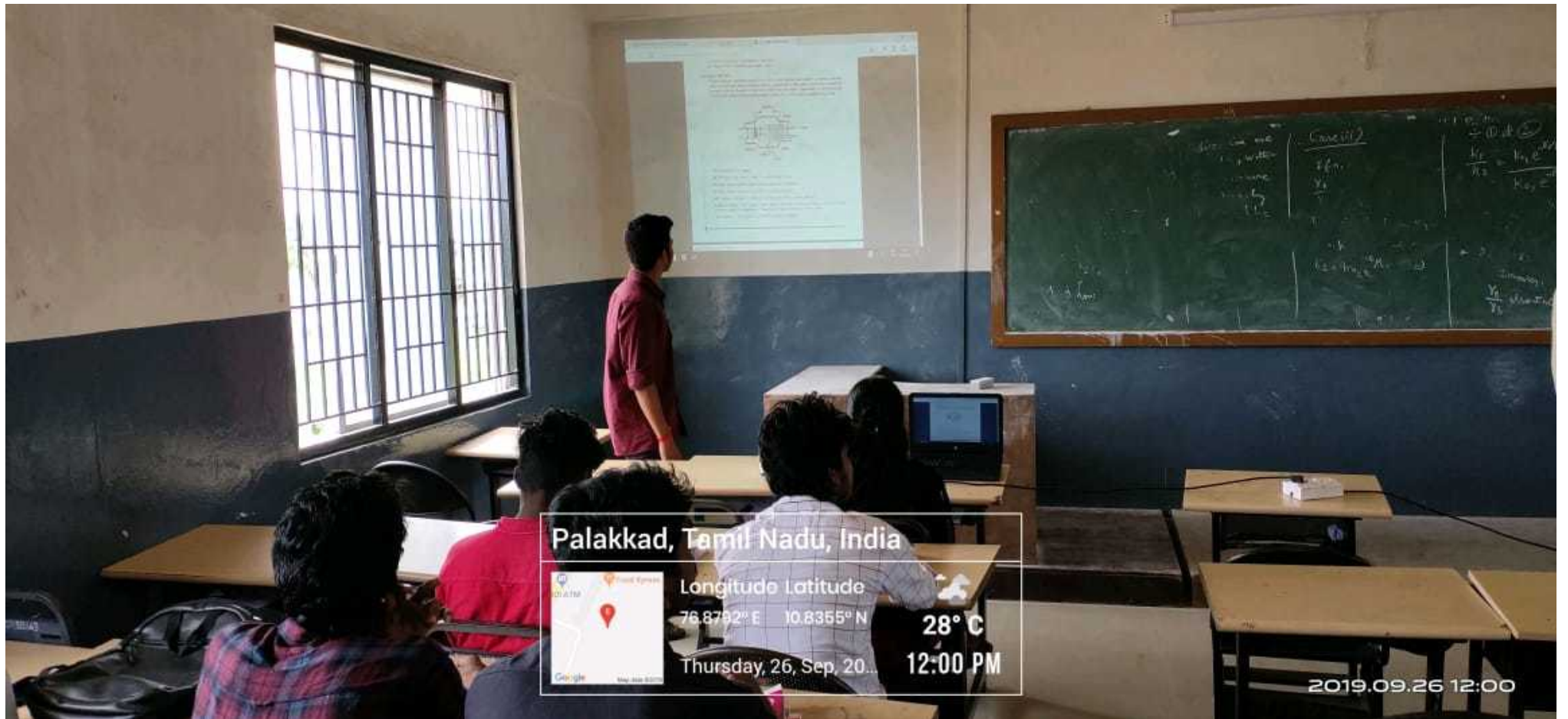
29° C

Friday, 27, Sep, 2019

11:05 AM

2019.09.27 11:05









Palakkad, Tamil Nadu, India



Longitude Latitude
76.8795° E 10.835° N
Friday, 27, Sep, 2019

29° C
11:02 AM

2019.09.27 11:02



Pichanur, --, India



Longitude Latitude

76.8772° E 10.8385° N



28° C

Thursday, 26, Sep, 20...

11:57 AM

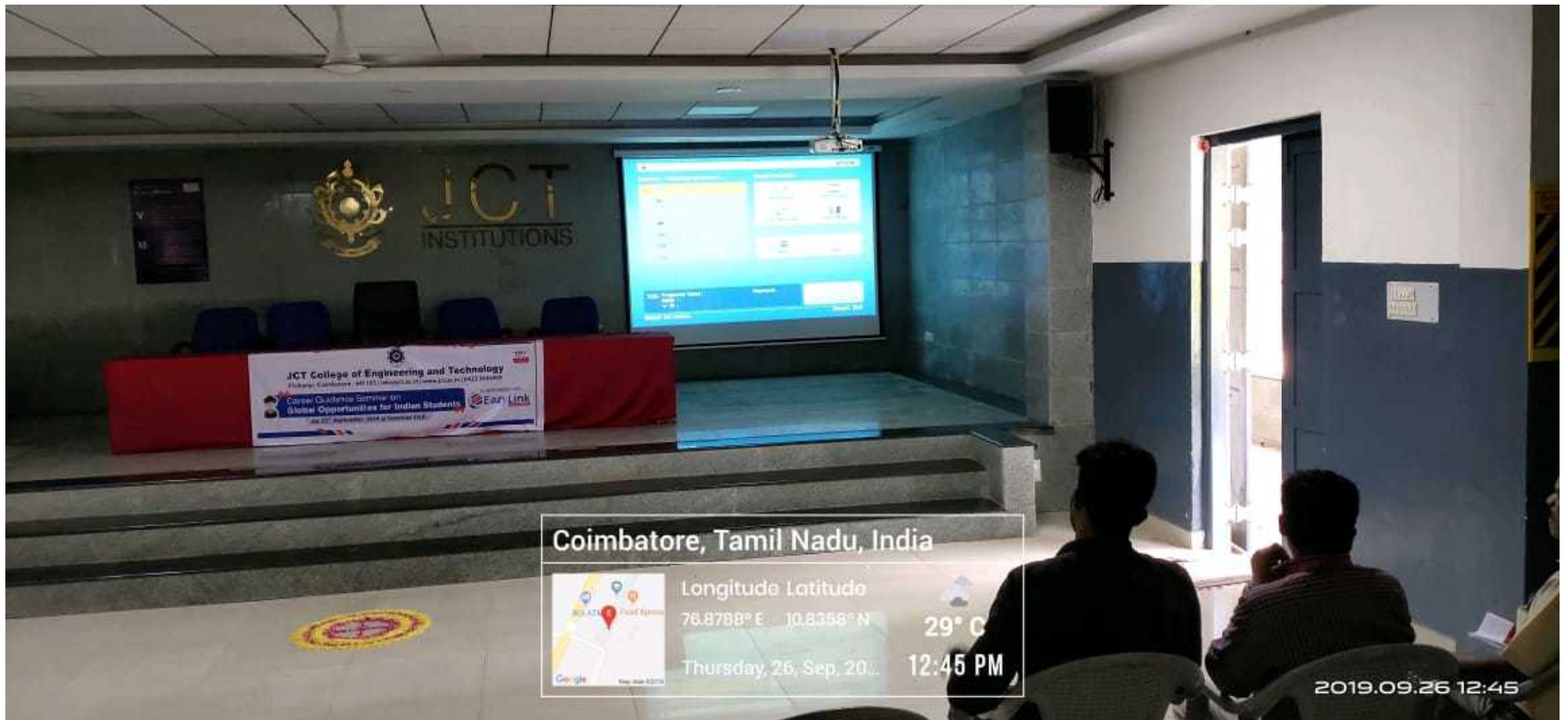
2019.09.26 11:57



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.8788° E 10.8363° N
28° C
Thursday, 26, Sep, 20... 12:03 PM
2019.09.26 12:02



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8798° E 10.8358° N

29° C

Thursday, 26, Sep, 20...

12:45 PM

2019.09.26 12:45

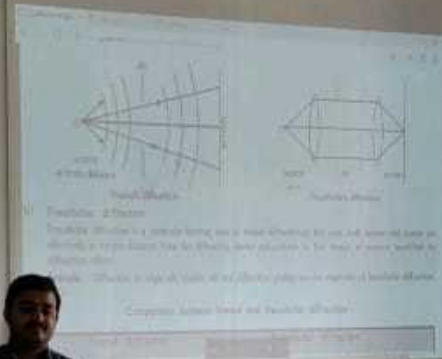


Analog and digital transmission

Analog transmission



- 1 MCPC (FDM)
- 2 SCPC (FDM)



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.878° E 10.835° N

28 °C

Thursday, 26, Sep, 20...

11:14 AM

2019.09.26 11:14



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8786° E 10.835° N

29° C

Friday, 27, Sep, 2019

11:27 AM

2019.09.27 11:27



Coimbatore, Tamil Nadu, India



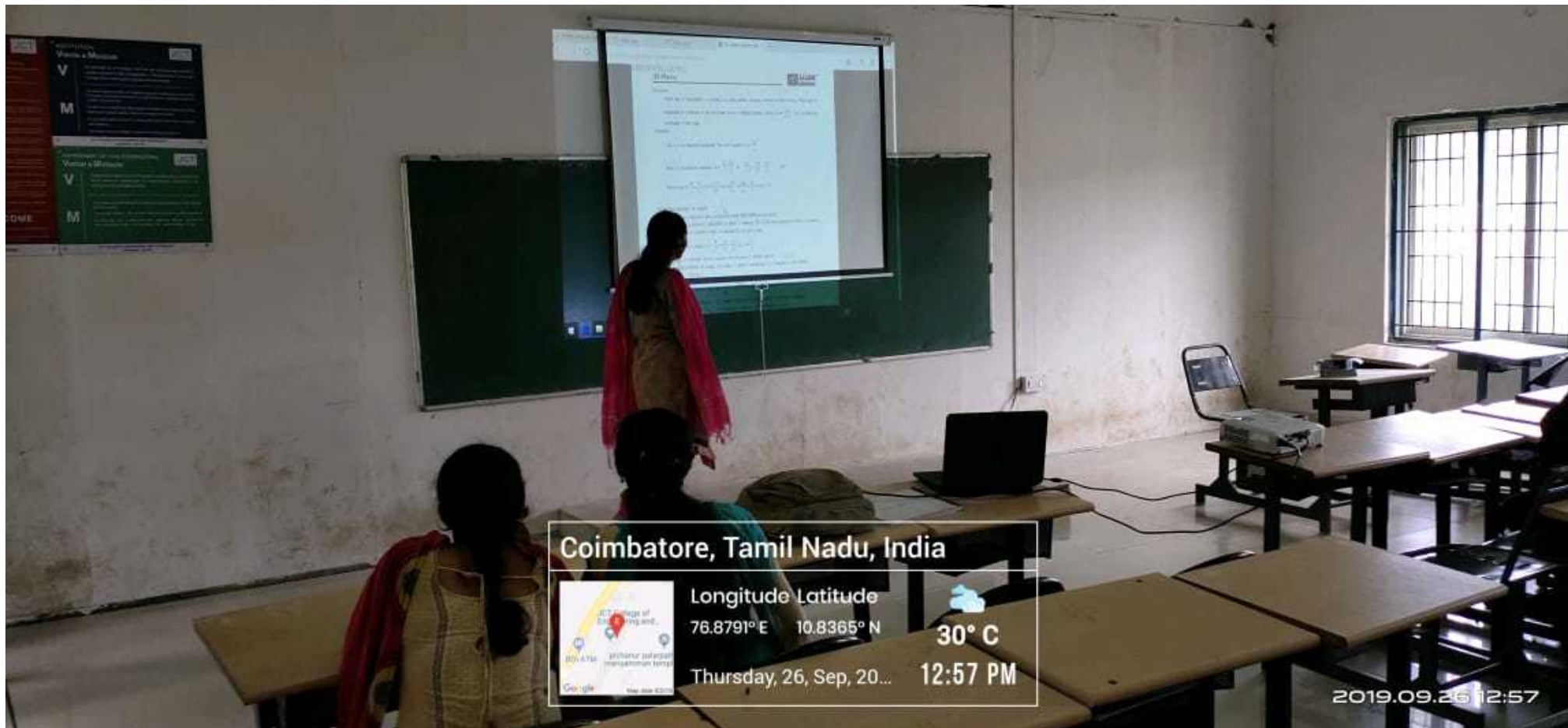
Longitude Latitude
76.8737° E 10.8297° N

31° C

Friday, 27, Sep, 2019

12:35 PM

2019.09.27 12:35



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.8791° E 10.8365° N

30° C

Thursday, 26, Sep, 20...

12:57 PM

2019.09.26 12:57



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.8796° E 10.8354° N

29° C

Friday, 27, Sep, 2019

11:17 AM

2019.09.27 11:17





Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8789° E 10.8358° N

28° C

Thursday, 26, Sep, 20...

12:14 PM

2019.09.26 12:13



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8788° E 10.8363° N



28° C

Thursday, 26, Sep, 20...

12:05 PM

2019.09.26 12:05



Palakkad, Tamil Nadu, India



Palakkad
Munimangalam Road
JCT Bypass Road
Palakkad
Tamil Nadu 626 001

Longitude Latitude
76.8750° E 10.8351° N

29° C

Friday, 27, Sep, 2019 11:41 AM

2019.09.27 11:41



Coimbatore, Tamil Nadu, India



Longitude Latitude
76.879° E 10.8365° N

29° C

Friday, 27, Sep, 2019

11:24 AM

2019.09.27 11:24





Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8791° E 10.8368° N

28° C

Thursday, 26, Sep, 20...

11:21 AM

2019.09.26 11:21



Coimbatore, Tamil Nadu, India



Longitude Latitude

76.8737° E 10.8297° N



30° C

Friday, 27, Sep, 2019

11:51 AM

2019.09.27 11:51

LEARNING MANAGEMENT SYSTEM (ERP, ULEXTZ)

Welcome to Dolphin Software Solutions

erp.jct.ac.in/impres/index.htm

JCT GROUP OF INSTITUTIONS
IMPRES ERP
Powered By Dolphin Software Solutions Coimbatore.

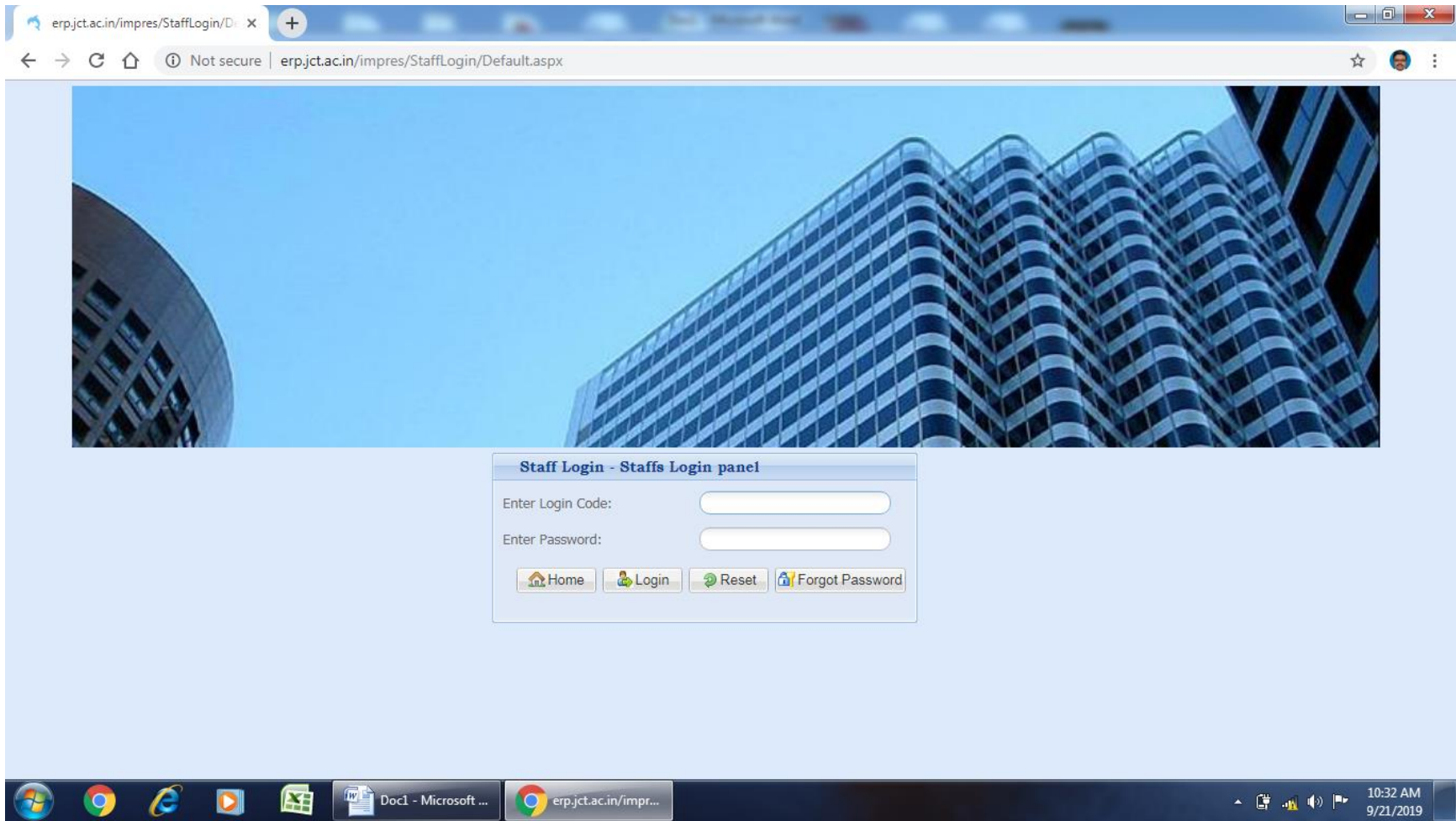
Impres Modules

Select an Entry point

| | | | |
|--|--|--|---|
|  Manage IMPRES ERP Create and manage Institution & IMPRES ERP users, also assign user-security rights. |  Admission View status of Issued applications for current & past Academic Years. |  Student Academic Manage students performance. |  Hostel & Mess Manage Hostels attendance, Send intimation SMS to concerned parents and authorities. |
|  Billing Decide & set student yearly fee structure, manage fee collection & balances. |  Staff Academic Add new employees, Designations, Staff Subject Allocation and more... |  Stock & Inventory Manage all movable & non-movable assets and more... |  Finance & Accounting Create and manage Creditors, Assets & all applicable Accounting info. Track cash flow in and out of Institution. New Accounts |
|  Pay-Roll Staff Attendance, Punching Machine Attendance transfer, Salary generation, Sent payslip to mail and more... |  MIS Reports Manage user controls, MIS Reports & more... |  Messaging Services Send Intimation messages to students, parents, Higher authorities, third persons via SMS. |  Library Manage books, resources, Circulation, Gate entry monitoring, Stock verification, Remainders, Reports etc... |
|  My Performance View a students personal details, Monthly marks, University marks, Attendance status & more... |  IMPRES Office Schedule task allocation for users/staffs, student disciplinary activities, general office tasks etc... |  Staff Login E-Diary & Task list, Monitoring facilities for Staffs in Institution. |  Transport Manage Routes/Stages & student travellers list, Vehicles & Drivers Info, Refueling info, Expenses Tracking etc... |
|  Online Examination Schedule online exams for |  Calendar Activities Plan activities for an entire |  Other Modules View list of other modules |  IMPRES Control & Analysis Vault |

Doc1 - Microsoft ... Welcome to Dolp...

10:32 AM 9/21/2019



Staff Login - IMPRES ERP - Power...

erpjct.ac.in/impres/StaffLogin/Home.aspx

Exam Settings

Inst: JCTCET

| | Course | Batch |
|----|------------|-------------|
| 50 | B.E. EEE | 2016 - 2020 |
| 51 | B.E. ECE | 2016 - 2020 |
| 52 | B.E. Mech | 2016 - 2020 |
| 53 | B.E. PCE | 2016 - 2020 |
| 54 | B.Tech.FT | 2016 - 2020 |
| 55 | B.Tech.PE | 2016 - 2020 |
| 56 | M.E.PED | 2017 - 2019 |
| 57 | M.E.SE | 2017 - 2019 |
| 58 | M.E.VLSI | 2017 - 2019 |
| 59 | B.E. AE | 2017 - 2021 |
| 60 | B.E. Civil | 2017 - 2021 |
| 61 | B.E. CSE | 2017 - 2021 |
| 62 | B.E. EEE | 2017 - 2021 |
| 63 | B.E. ECE | 2017 - 2021 |
| 64 | B.E. Mech | 2017 - 2021 |
| 65 | B.E. PCE | 2017 - 2021 |
| 66 | B.Tech.FT | 2017 - 2021 |

View Subjects of B.E. PCE - Batch Year 2017 - 2021

| | Sem | Subj. Code | Full Name | V.Short | Upload |
|----|-----|------------|---|---------|--------|
| 17 | 3 | CH8351 | PROCESS CALCULATIONS | PC | ↑ |
| 18 | 3 | EE8352 | PRINCIPLES OF ELECTRICAL AND ELECTRO... | PEEE | ↑ |
| 19 | 3 | GE8292 | ENGINEERING MECHANICS | EM | ↑ |
| 20 | 3 | MA8351 | PROBABILITY AND STATISTICS | PS | ↑ |
| 21 | 3 | PM8351 | FLUID MECHANICS | FM | ↑ |
| 22 | 3 | PM8391 | MATERIALS TECHNOLOGY | MT | ↑ |
| 23 | 3 | EE8361 | ELECTRICAL ENGINEERING LABORATORY | EE LAB | ↑ |

View 8 Uploaded documents of PROCESS CALCULATIONS

Change Upload Type

Change Upload Type

| | Type | File Name | Uploaded By | User Name | Uploaded Date Ti |
|---|---------------|--------------------------------------|-------------|--------------|------------------|
| 1 | Syllabus | 2017 regulation III Sem syllabus.pdf | TPC0A031 | Dr.R.Perumal | Sep 6 2018 8:... |
| 2 | Tutorial | Course Notes-CPC.pdf | TPC0A030 | SARAVANAN.J | Oct 26 2018 2... |
| 3 | Question bank | QB.pdf | TPC0A030 | SARAVANAN.J | Oct 26 2018 2... |
| 4 | Answer Keys | UNIT 1.pdf | TPC0A031 | Dr.R.Perumal | Oct 26 2018 9... |

Doc1 - Microsoft ...

Staff Login - IMP...

10:37 AM
9/21/2019

Staff Login - IMPRES ERP - Power x cb336c3d-5191-4345-ad94-c805 x +

← → ↻ 🏠 ⓘ Not secure | erp.jct.ac.in/impres/Resx/UnivQPUUpload/cb336c3d-5191-4345-ad94-c805b1437254.pdf ☆ 👤 ⋮

CH 8351 PROCESS CALCULATION

PART – A

1. Define Ideal Gas Law.

$$PV = nRT$$

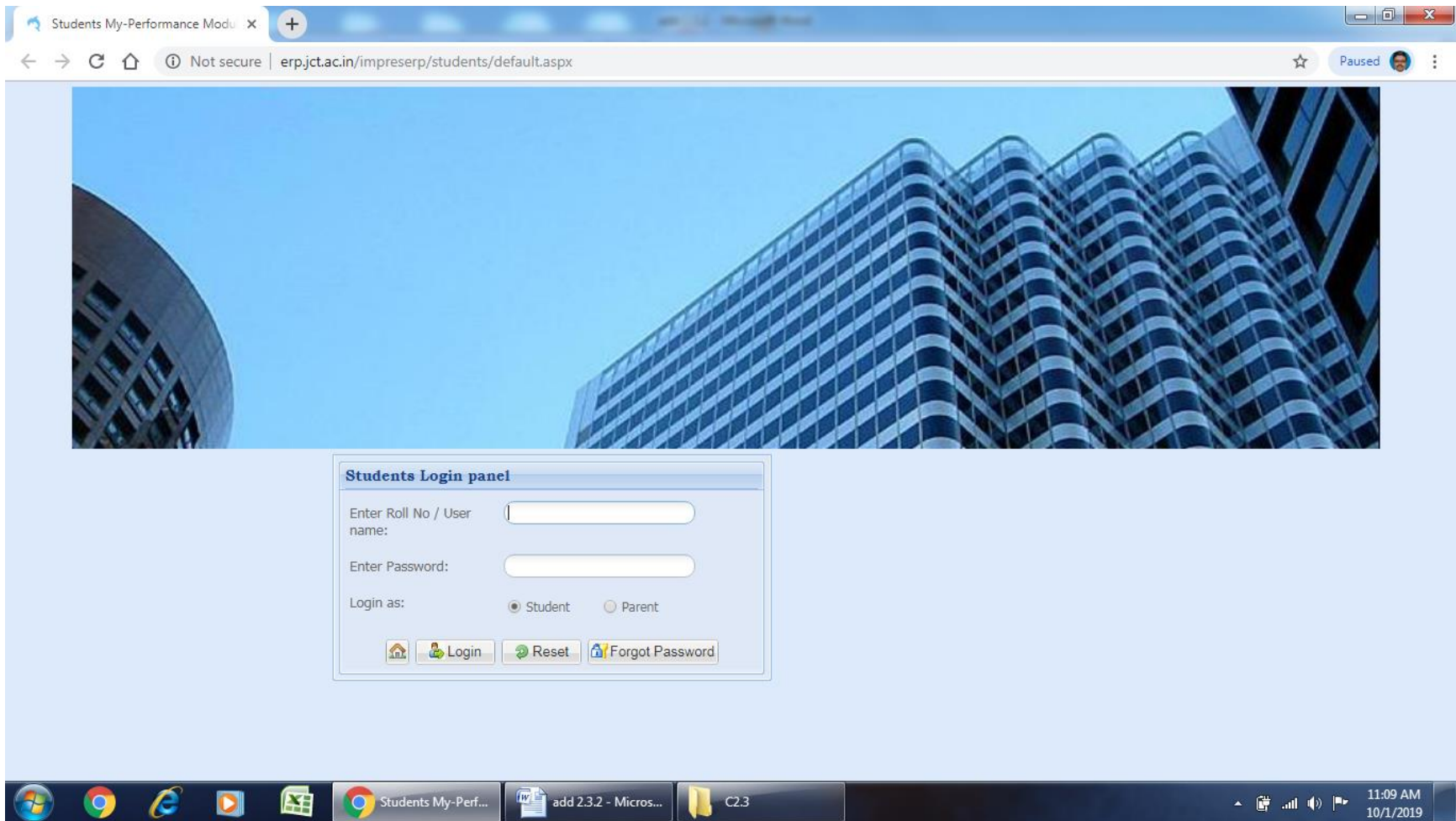
The equimolal quantities of all gases occupy the same volume at the same conditions of temperature and pressures.

2. Define Avogadro Number.

The average translational kinetic energy with which a gas molecule is endowed is dependent only on the absolute temperature and is independent of its Nature and size.

3. Define Amagat's Law.

🌐 🌐 🌐 🌐 🌐 cb336c3d-5191-4... 5:07 PM 9/21/2019



JCT INSTITUTIONS - Your Success - My-Performance - IMPRES ERP -

erpjct.ac.in/impreserp/students/Home.aspx

Welcome REGHA.DI My-Performance - IMPRES ERP - Powered by Dolphin Software Solutions, Cbe Last Login: Oct 1 2019 10:06:23:283AM Log out

Home Class Rep. Activities Fee Info My Academics My Institution Special Events Library Grievance Services

Sem 1 2 3 4 5 6 7 8

Academic Regulation Academic Calendar Question Papers Lesson Planner Lesson plan Uploads Answer Keys Work Sheet Syllabus

View all uploads for Subject

| | Uploaded file name | Uploaded Datetime | Uploaded User Id | Uploaded Welcome |
|---|---|--------------------------|------------------|------------------|
| 1 | 1. BASE AND DERIVED UNITS.docx | Sep 6 2018 9:00:18:157PM | TPC0A031 | Dr.R.Perumal |
| 2 | material balances.pdf | Sep 6 2018 9:01:47:340PM | TPC0A031 | Dr.R.Perumal |
| 3 | Unit Conversion Factors.pdf | Sep 6 2018 9:02:32:040PM | TPC0A031 | Dr.R.Perumal |
| 4 | units and dimensions.pdf | Sep 6 2018 9:03:20:040PM | TPC0A031 | Dr.R.Perumal |
| 5 | valencesheet.pdf | Sep 6 2018 9:04:01:960PM | TPC0A031 | Dr.R.Perumal |
| 6 | lect10-matbal_reactive_process.pdf | Sep 6 2018 9:06:48:343PM | TPC0A031 | Dr.R.Perumal |
| 7 | Stoichiometry, 4E - B I Bhatt - Google Books.html | Sep 6 2018 9:09:53:940PM | TPC0A031 | Dr.R.Perumal |

Subjects in Sem

| | Subj.Code | Subject Full name | Cr. | Type |
|---|-----------|--|-----|------|
| 1 | MA8351 | PROBABILITY AND STATISTICS | 4 | T |
| 2 | GE8292 | ENGINEERING MECHANICS | 4 | T |
| 3 | PM8351 | FLUID MECHANICS | 4 | T |
| 4 | PM8391 | MATERIALS TECHNOLOGY | 3 | T |
| 5 | CH8351 | PROCESS CALCULATIONS | 4 | T |
| 6 | EE8352 | PRINCIPLES OF ELECTRICAL AND ELECTRONICS ENGINEERING | 3 | T |
| 7 | EE8361 | ELECTRICAL ENGINEERING LABORATORY | 2 | P |
| 8 | ME8362 | MECHANICAL ENGINEERING LABORATORY | 2 | P |

Windows taskbar: C2.3 evidence, Set Network Loc..., 2.3.2 with summ..., New Tab - Googl..., My-Performanc..., 10:15 AM 10/1/2019

CH 8351 PROCESS CALCULATION

PART – A

1. Define Ideal Gas Law.

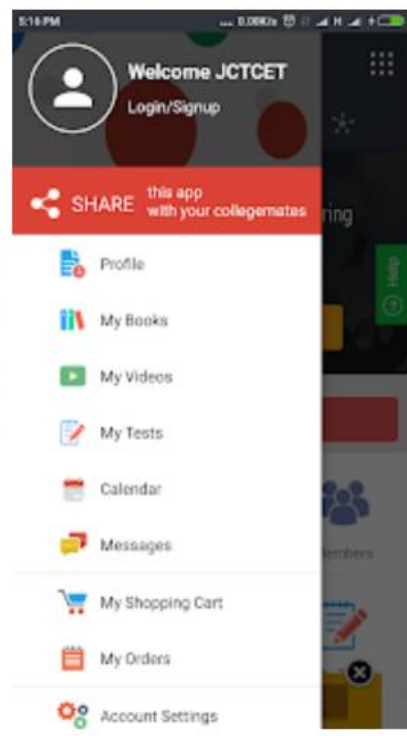
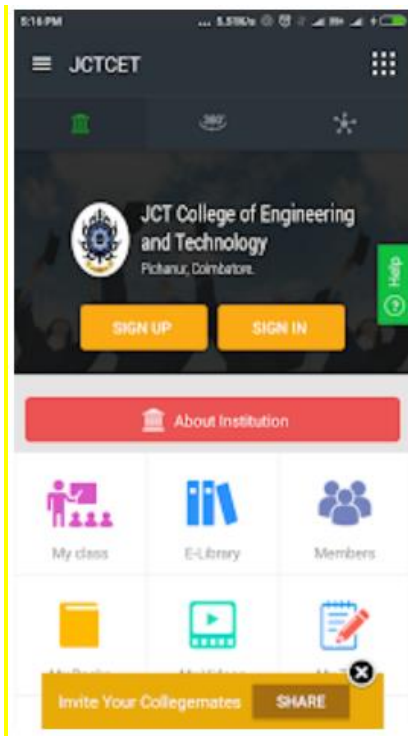
$$PV = nRT$$

The equimolal quantities of all gases occupy the same volume at the same conditions of temperature and pressures.

2. Define Avogadro Number.

The average translational kinetic energy with which a gas molecule is endowed is dependent only on the absolute temperature and is independent of its Nature and size.

3. Define Amagat's Law.



Ulektz


Welcome to Dolphin Software S...

+

ulektz.com/teacher

Paused

Me

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
You are logged in as a Teacher

AppsSupport

Dashboard

Mr J Saravanan
ginsaravanan79@gmail.com

JCT COLLEGE OF ENGINEE...
JCT College of Engineering and T...

360° Dashboard

Campus

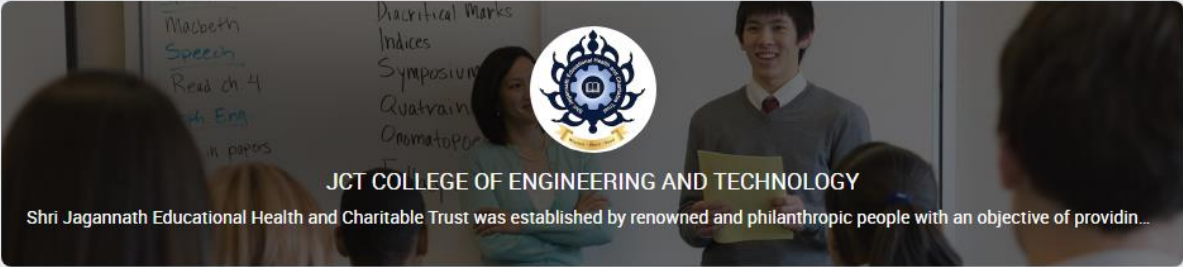
Connect


My Profile


My Connections


My Books


My Videos


**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
Shri Jagannath Educational Health and Charitable Trust was established by renowned and philanthropic people with an objective of providin...

**About Institution**
Shri Jagannath Educational Health and Charitable Trust was established by renowned and philanthropic

**Downloads / Links**
Download forms, applications, brochures, documents, etc.

**My Classes**
View, add and delete your classes.

**E-Library**
Access your institution's digital

**Members**
Connect with your institution's

Windows Taskbar

Ulektz - Google C...


10:44 AM
10/1/2019

Teacher - Books




Welcome to Dolphin Software S...


ulectz.com/teacher/books/OTYyMg%3D%3D/0/PROCESS%20CALCULATIONS%20(PROCESS%20CALCULATIONS)


Paused



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
You are logged in as a Teacher

Apps ▾ Support    Me ▾





Mr J Saravanan
gjsaravanan79@gmail.com

JCT COLLEGE OF ENGINEE...
JCT College of Engineering and T...

360° Dashboard >

Campus >

Connect >

My Profile

My Connections


My Books

My Videos


/ My Books / PROCESS CALCULATIONS(PROCESS CALCULATIONS)

PROCESS CALCULATIONS(PROCESS CALCULATIONS)


Upload/View Your eBooks




2 MARKS QUESTIONS WITH ANSWER
By Mr J Saravanan
Download




QUESTION BANK
By Mr J Saravanan
Read



PROCESS CALCULATIONS INTERNAL TEST QUESTION BANK
By Mr J Saravanan
Download



add 2.3.2 - Micros... Teacher - Books -...




10:45 AM
10/1/2019

Students - Dashboard




Welcome to Dolphin Software S...


ulektz.com/student/institutionDashboard



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
You are logged in as a Student


AppsSupport


Me





MANIMARAN.M
manimaran2371999@gmail.c...


JCT COLLEGE OF ENGINEE...
JCT College of Engineering and T...


360° Dashboard


**Campus**

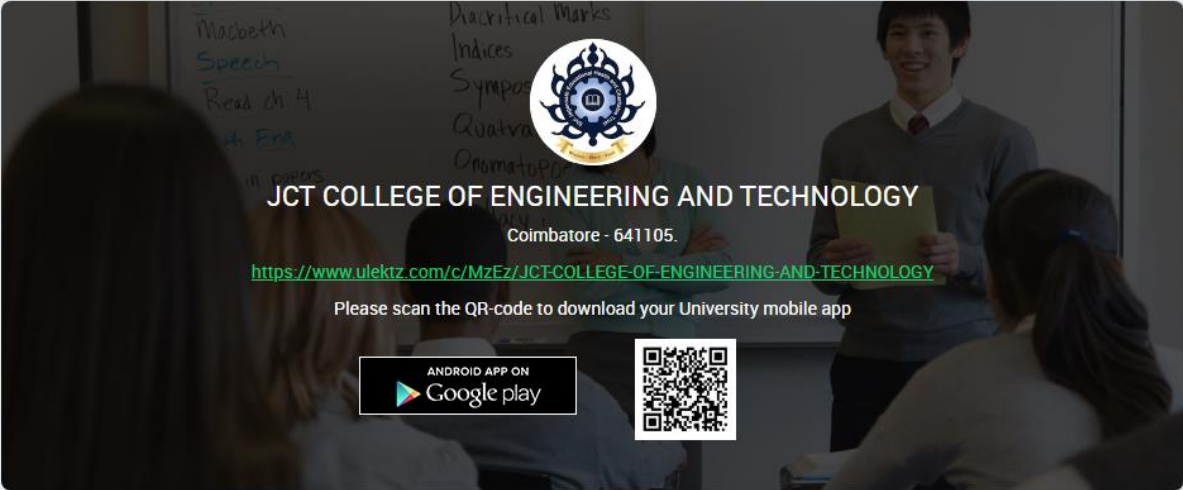
Connect




My Profile


My Connections

My Books


My Videos




**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
Coimbatore - 641105.
<https://www.ulektz.com/c/MzEz/JCTCOLLEGE-OF-ENGINEERING-AND-TECHNOLOGY>
Please scan the QR-code to download your University mobile app




About Institution
Shri Jagannath Educational Health and Charitable
Trust was established by renowned and philanthropic



Downloads / Links
Download forms, applications, brochures, documents,
etc.







Students - Dashb...11:00 AM
10/1/2019

Students - Library x Welcome to Dolphin Software So x +


ulektz.com/student/library

☆ Paused

 **JCT COLLEGE OF ENGINEERING AND TECHNOLOGY**
You are logged in as a Student

Apps ▾ Support    Me ▾

My Books / Petroleum Secondary Processing Technology

 **MANIMARAN.M**
manimaran2371999@gmail.c...

JCT COLLEGE OF ENGINEE...
JCT College of Engineering and T...

360° Dashboard >

Campus >


Connect >

My Profile

My Connections

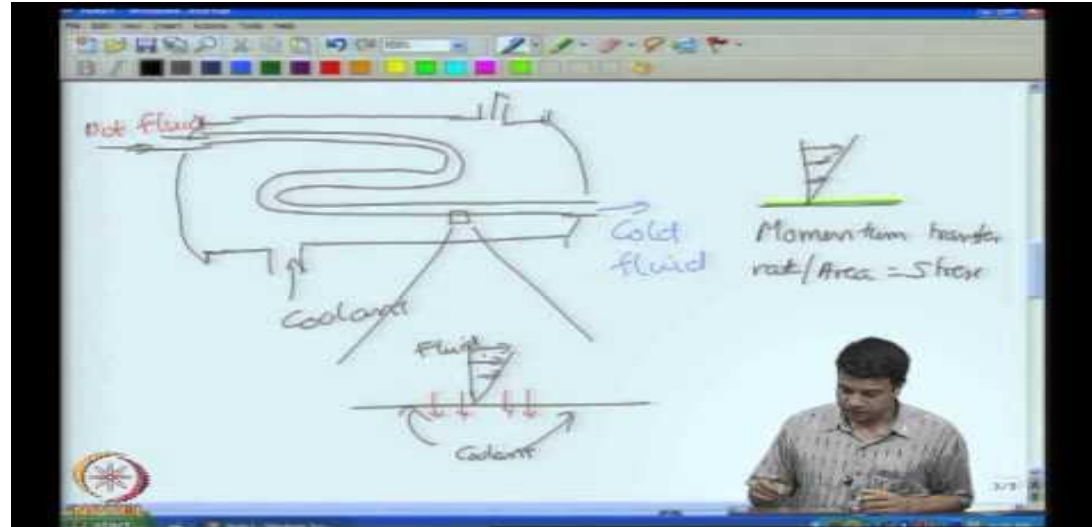
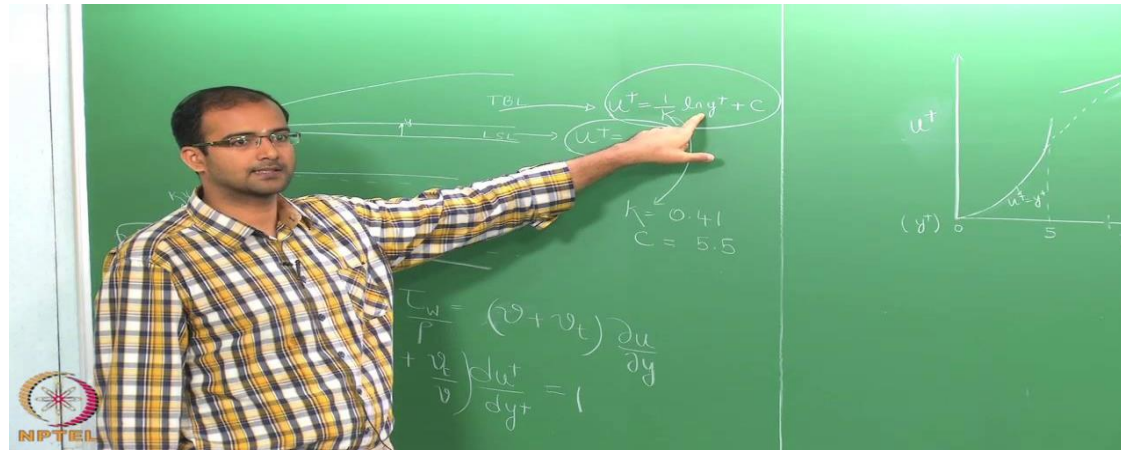
My Books

My Videos

 **Unit 1 and Unit 2 QP**
PM6702
docx
Download

Windows Taskbar: 11:01 AM 10/1/2019

SAMPLE SNAP SHOT OF NPTEL LECTURES



SAMPLE SNAP SHOT OF YOUTUBE VIDEOS

Browser tabs: Zimbra: REVISED DUTY S... Venturi Tube working pr... X

Address bar: <https://www.youtube.com/watch?v=WvFNqEPNPOc>

YouTube Search

Venturi Tube working principle

28,910 views

52 likes, 6 dislikes, SHARE, ...

Up next AUTOPLAY

- Bernoulli's Theorem And Its Application**
TutorVista
643K views
4:38
- venturi effect**
mekanizmalar
115K views
3:55
- Venchuri Meter Concept in Hindi**
easy engineer
4.6K views
9:59
- 14. Class 11 Physics | Fluid Dynamics | Working and**
Physics Galaxy
36K views
4:54
- Venturi Tube Simulation**
kstanrb
383K views
1:10
- Venturi effect and Pitot tubes**

Taskbar: 11:41 AM 22-11-2017