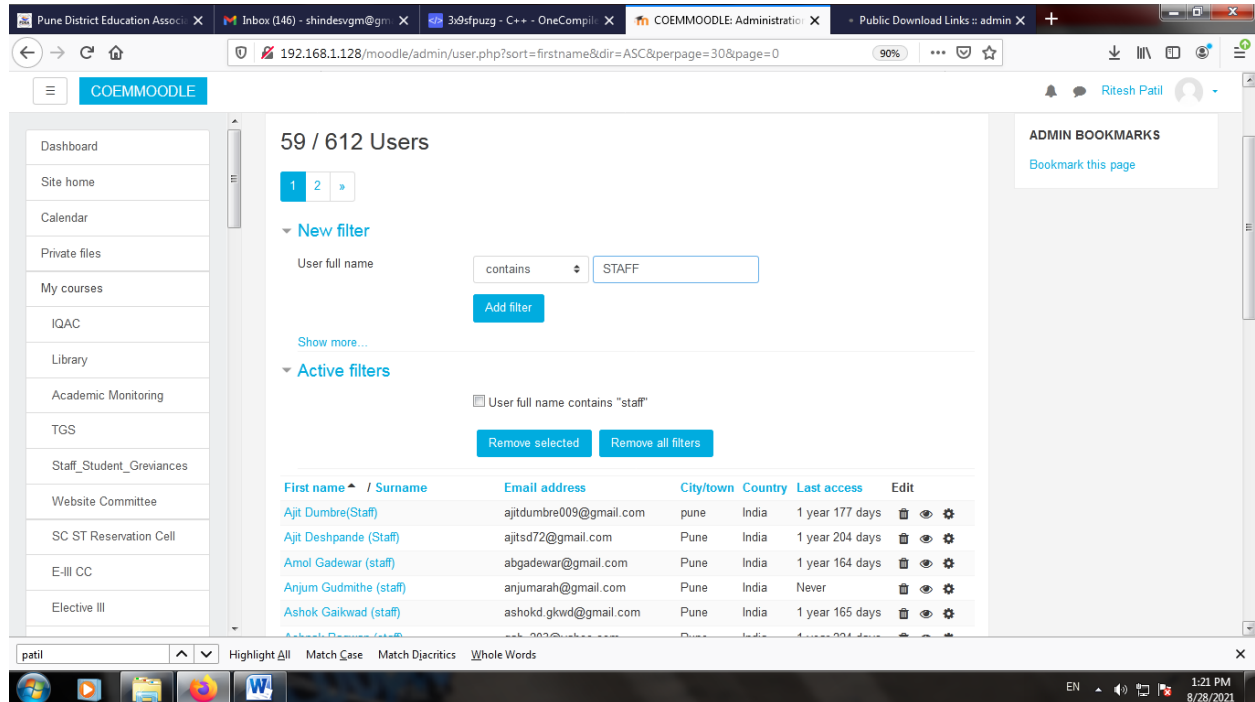


# Moodle Resource uploaded by staff:

## List of staff Using Moodle



The screenshot shows the Moodle administration interface. The left sidebar contains a menu with items like Dashboard, Site home, Calendar, Private files, My courses, IQAC, Library, Academic Monitoring, TGS, Staff\_Student\_Grievances, Website Committee, SC ST Reservation Cell, E-III CC, and Elective III. The main content area displays '59 / 612 Users'. A filter is applied: 'User full name contains STAFF'. Below the filter, a table lists staff members with columns for First name / Surname, Email address, City/town, Country, Last access, and Edit. The table shows the first five staff members: Ajit Dumbre, Ajit Deshpande, Amol Gadewar, Anjum Gudmithe, and Ashok Gaikwad. The bottom of the screenshot shows a Windows taskbar with various icons and the system clock indicating 1:21 PM on 8/28/2021.

| First name / Surname   | Email address           | City/town | Country | Last access     | Edit |
|------------------------|-------------------------|-----------|---------|-----------------|------|
| Ajit Dumbre(Staff)     | ajitdumbre009@gmail.com | pune      | India   | 1 year 177 days |      |
| Ajit Deshpande (Staff) | ajitsd72@gmail.com      | Pune      | India   | 1 year 204 days |      |
| Amol Gadewar (staff)   | abgadewar@gmail.com     | Pune      | India   | 1 year 164 days |      |
| Anjum Gudmithe (staff) | anjumarah@gmail.com     | Pune      | India   | Never           |      |
| Ashok Gaikwad (staff)  | ashokd.gkwd@gmail.com   | Pune      | India   | 1 year 165 days |      |

| <u>First name / Surname</u>                        | <u>Email address</u>        | <u>City/town</u> | <u>Country</u> |
|----------------------------------------------------|-----------------------------|------------------|----------------|
| <u><a href="#">Ajit Dumbre(Staff)</a></u>          | ajitdumbre009@gmail.com     | pune             | India          |
| <u><a href="#">Ajit Deshpande (Staff)</a></u>      | ajitsd72@gmail.com          | Pune             | India          |
| <u><a href="#">Amol Gadewar (staff)</a></u>        | abgadewar@gmail.com         | Pune             | India          |
| <u><a href="#">Anjum Gudmithe (staff)</a></u>      | anjumarah@gmail.com         | Pune             | India          |
| <u><a href="#">Ashok Gaikwad (staff)</a></u>       | ashokd.gkwd@gmail.com       | Pune             | India          |
| <u><a href="#">Ashpak Bagwan (staff)</a></u>       | gab_203@yahoo.com           | Pune             | India          |
| <u><a href="#">Ashvini Bamanikar (staff)</a></u>   | ashvini.bamanikar@gmail.com | Pune             | India          |
| <u><a href="#">Baban Suryatal (Staff)</a></u>      | bksuryatal@gmail.com        | Pune             | India          |
| <u><a href="#">Bharat Kankate (staff)</a></u>      | bharatkankate7@gmail.com    | Pune             | India          |
| <u><a href="#">Chandrashekhar Kale (Admin)</a></u> | kaleshekhar78@gmail.com     | Pune             | India          |

| <u>First name /<br/>Surname</u>                              | <u>Email address</u>         | <u>City/town</u> | <u>Country</u> |
|--------------------------------------------------------------|------------------------------|------------------|----------------|
| Staff)                                                       |                              |                  |                |
| <a href="#">Dashrath Chavan<br/>(Admin Staff)</a>            | chavandp98@gmail.com         | Pune             | India          |
| <a href="#">Deepali Hirolkar<br/>(Staff)</a>                 | hirolkar.ds@gmail.com        | Pune             | India          |
| <a href="#">Dhanraj Dumbare<br/>(Admin Staff)</a>            | harshaldumbare@gmail.com     | Pune             | India          |
| <a href="#">Dipak Patil (staff)</a>                          | dopatil25@gmail.com          | Pune             | India          |
| <a href="#">Dr. Madhuri<br/>Hingane (staff)</a>              | madhuri.borawake@gmail.com   | Pune             | India          |
| <a href="#">Girish Jagdale<br/>(staff)</a>                   | girish.mech101@gmail.com     | pune             | India          |
| <a href="#">Heena More<br/>(Admin Staff)</a>                 | bhosaleheena@yahoo.in        | Pune             | India          |
| <a href="#">Ketan Dumbare<br/>(Lib. Staff)</a>               | librariancoem4@gmail.com     | Pune             | India          |
| <a href="#">Laxmikant Shinde<br/>(Staff)</a>                 | coemtpo1@gmail.com           | Pune             | India          |
| <a href="#">Manisha Kedari<br/>(staff)</a>                   | mskedari75@gmail.com         | Pune             | India          |
| <a href="#">MEGHA PANDE<br/>(staff)</a>                      | galphademegha@gmail.com      | Pune             | India          |
| <a href="#">Nayana Sonawane<br/>(staff)</a>                  | naynas@gmail.com             | Pune             | India          |
| <a href="#">Neha Khopade<br/>(staff)</a>                     | nehakhopade07@gmail.com      | Pune             | India          |
| <a href="#">Nilam Shinde<br/>(staff)</a>                     | nilu14.1992@gmail.com        | Pune             | India          |
| <a href="#">Niraja Jain (staff)</a>                          | nijajain@gmail.com           | Pune             | India          |
| <a href="#">Nitin Bhalerao<br/>(staff)</a>                   | bhaleraonbb307@gmail.com     | Pune             | India          |
| <a href="#">Nitin Kumbhar<br/>(staff)</a>                    | nakumbhar@gmail.com          | Pune             | India          |
| <a href="#">P.S. Bhati (Admin<br/>Staff)</a>                 | psb@gmail.com                | Pune             | India          |
| <a href="#">Poonam<br/>Suryawanshi<br/>(Bhamare) (staff)</a> | bpoonam1212@gmail.com        | Pune             | India          |
| <a href="#">PRIYANKA<br/>PAWAR (staff)</a>                   | priyankashitole.16@gmail.com | Pune             | India          |
| <a href="#">Raghunath Kawale (staff)</a>                     | raghunath.kawale@gmail.com   | Pune             | India          |
| <a href="#">Rahasa Sahu (staff)</a>                          | rahasa10@gmail.com           |                  | India          |

| <u>First name /<br/>Surname</u>                | <u>Email address</u>          | <u>City/town</u> | <u>Country</u> |
|------------------------------------------------|-------------------------------|------------------|----------------|
| <a href="#">Ranjit Pawar (staff)</a>           | ranjit.pawar140@gmail.com     | Pune             | India          |
| <a href="#">Ravindra Rathod (staff)</a>        | rathodrb@gmail.com            | Pune             | India          |
| <a href="#">Ravindra Moje (staff)</a>          | ravindra.moje@gmail.com       | PUNE             | India          |
| <a href="#">Sach Shinde (staff)</a>            | shinde_s_v@rediffmail.com     | Pune             | India          |
| <a href="#">Sach Shinde (staff)</a>            | shindesvgm@gmail.com          | Pune             | India          |
| <a href="#">SANJAY SANAMDIKAR (staff)</a>      | sanamdikar123@gmail.com       | Pune             | India          |
| <a href="#">SANTOSH GHORPADE (Admin Staff)</a> | sansari2377@gmail.com         | Pune             | India          |
| <a href="#">Santosh Takawale (Admin Staff)</a> | sst@gmail.com                 |                  |                |
| <a href="#">Santosh Borate (Admin Staff)</a>   | sbb@gmail.com                 | Pune             | India          |
| <a href="#">Santosh R. Pawar (Admin Staff)</a> | srpawar@gmail.com             | Pune             | India          |
| <a href="#">Santosh S. Pawar (Admin Staff)</a> | sspawr@gmail.com              | Pune             | India          |
| <a href="#">Satish Patil (staff)</a>           | sapcoeh@gmail.com             | Pune             | India          |
| <a href="#">Shalu Saraswat (staff)</a>         | shalu.saraswat@gmail.com      | Pune             | India          |
| <a href="#">Shirish Vaidya (Admin Staff)</a>   | svaidya01@gmail.com           |                  |                |
| <a href="#">Shivanand Phulari (staff)</a>      | sv_phulari@yahoo.com          | Pune             | India          |
| <a href="#">Shivkanya Nakate (staff)</a>       | shivkanyanakate1995@gmail.com | Pune             | India          |
| <a href="#">Somnath Shirsath (staff)</a>       | mechcadlab123@gmail.com       |                  |                |
| <a href="#">Somnath Galande (Admin Staff)</a>  | somukta@gmail.com             | Pune             | India          |
| <a href="#">Suhas Salunkhe (admin staff)</a>   | salunkhersuhas@gmail.com      | Pune             | India          |
| <a href="#">Sushama Kamble (staff)</a>         | kamblesd2013@gmail.com        | PUNE             | India          |
| <a href="#">Swati Gade (Staff)</a>             | swatiunique2006@gmail.com     | Pune             | India          |
| <a href="#">Swati Bankar (staff)</a>           | swati.gore1@gmail.com         | PUNE             | India          |
| <a href="#">Vaishali Hiwarale (staff)</a>      | hi.vaishali2008@gmail.com     | pune             | India          |
| <a href="#">Vaishali Mahajan (staff)</a>       | electricalvr@gmail.com        | PUNE             | India          |
| <a href="#">Vikas Hirulkar (staff)</a>         | vikashirulkar@yahoo.com       | Pune             | India          |
| <a href="#">Vikas Dhavale (Admin Staff)</a>    | vksthawale@gmail.com          | Pune             | India          |
| <a href="#">Vivek Bhosale (staff)</a>          | vivekbhosale_47@yahoo.co.in   | Pune             | India          |

# Computer Department A.Y 2019-20

The screenshot shows a web browser window displaying a Moodle course page. The browser's address bar shows the URL `192.168.1.128/moodle/course/view.php?id=144`. The page title is 'COEMMOODLE'. The user is logged in as 'Ritesh Patil' (You are logged in as Sach Shinde (staff)). The left sidebar contains a menu with 'ADS' and 'Participants'. The main content area is titled 'Unit-I Trees' and lists three items: 'Tree and Binary Tree', 'Assignment On Unit 1', and 'Quiz Unit-I'. Below this, there is a section for 'Unit-II Graphs' with 'Graphs', 'Assignment-II', and 'Unit-II Notes'. Further down is 'Unit-III Hashing' with 'Assignment Unit-III' and 'Unit III'. The bottom of the screen shows a Windows taskbar with various icons and the system clock indicating 12:50 PM on 8/28/2021.

## Confirmation of contents

The screenshot shows a document viewer displaying handwritten notes on a lined background. The notes are titled 'Representation of B.T.' and include the following content:

- Using Arrays
- Using linked list.

The notes include a diagram of a binary tree with root 10, left child 20, and right child 30. The left child 20 has children 40 and 50, and the right child 30 has children 60 and 70. Below the tree diagram, there is a table representing the tree structure using arrays:

| Capacity | 0 | 1  | 2  | 3  | 4  | 5  | 6  | 7  |
|----------|---|----|----|----|----|----|----|----|
| Left     |   | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| Right    |   |    |    |    |    |    |    |    |

Below the table, there is a diagram of a linked list representation of the binary tree. The root node is 10, which points to a node containing 20. The node containing 20 points to a node containing 30. The node containing 30 points to a node containing 40. The node containing 40 points to a node containing 50. The node containing 50 points to a node containing 60. The node containing 60 points to a node containing 70. The node containing 70 points to a null node (X).

COEMMOODLE

MP

Participants

Badges

Competencies

Grades

General

University Question Papers

MCQ

MCQ with answers

Unit wise Assignments

Hand Written Notes

Topic 6

MCQ

MCQ Unit-I

MCQ Unit-II

MCQ with answers

MCQ with Answers U-I

U-II MCQ with answers

MCQ with Answers U-3 & U-4

Unit wise Assignments

U-I, II, III Assignments

Hand Written Notes

U-I

U-II

### Confirmation of content

Unit-1 [9 Hrs]

80386DX - Basic Programming Model & Appl' instruct' set

Syllabus —

Memory Organization & Segmentation →

Global Descriptor Table, Local Descriptor Table, Interrupt Descriptor Table, Data Types, Registers, Instruction format, operand Selection, Interrupts & Exceptions.

Applications Instruction Set →

Data Movement Instructions, Binary Arithmetic Instructions, Decimal Arithmetic Instructions, Logical Instructions, Control Transfer Instructions, String & character Transfer Instructions, Instructions for Block Structured Long. flag, Control Instruction, Co-processor Interface Instruction.

## TOC Subject

The screenshot shows a Moodle course page for 'Theory of Computation'. The left sidebar contains a table of contents with links to Participants, Badges, Competencies, Grades, and a General section. The main content area displays the course title and a list of units. Unit 1 is 'Formal Language Theory and Finite Automata' and Unit 2 is 'Regular Expressions'. Each unit has a brief description of its topics and a link to the unit content.

| Unit                                                | Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit 1 : Formal Language Theory and Finite Automata | Introduction to Formal language, introduction to language translation logic, Essentials of translation, Alphabets and languages, Finite representation of language, Finite Automata (FA): An Informal Picture of FA, Finite State Machine (FSM), Language accepted by FA, Definition of Regular Language, Deterministic and Nondeterministic FA(DFA and NFA), epsilon- NFA, FA with output: Moore and Mealy machines -Definition, models, inter-conversion. Case Study: FSM for vending machine, spell checker |
| Unit 2 : Regular Expressions                        | Operators of RE, Building RE, Precedence of operators, Algebraic laws for RE, Conversions: NFA to DFA, RE to DFA Conversions: RE to DFA, DFA to RE Conversions: State/loop elimination, Arden's theorem Properties of Regular Languages: Pumping Lemma for Regular languages, Closure and Decision properties. Case Study: RE in text search and replace                                                                                                                                                       |

## Confirmation of contents

The screenshot shows a handwritten document titled 'Theory of Computation'. The document is divided into sections: 'Unit 1 :-', 'Basic Concepts & Formal Language Theory :-', and 'Basic concepts :-'. The 'Basic concepts' section lists 13 items: 1) Symbol, 2) Alphabet, 3) set, 4) operation on set, 5) cardinality of a set, 6) relations, 7) properties of relation, 8) closure properties of relations, 9) graph, 10) Directed graph, 11) Tree, 12) string, and 13) Language.

Unit 1 :-

\* Basic Concepts & Formal Language Theory :-

Basic concepts :-

- 1) Symbol
- 2) Alphabet
- 3) set
- 4) operation on set
- 5) cardinality of a set
- 6) relations
- 7) properties of relation
- 8) closure properties of relations
- 9) graph
- 10) Directed graph
- 11) Tree
- 12) string
- 13) Language



## SPOS subject

The screenshot shows a web browser window with multiple tabs. The active tab is 'Course Systems Programming'. The address bar shows the URL '192.168.1.128/moodle/course/view.php?id=151'. The page is titled 'COEMMOODLE' and displays the course 'SPOS'. The left sidebar contains a navigation menu with items like 'Participants', 'Badges', 'Competencies', 'Grades', 'General', 'Introduction to System Programming', 'Macro Processor, Linker and Loader', 'Language Translator', 'Operating Systems', 'Memory Management', and 'IO Management'. The main content area is titled 'Introduction to System Programming' and includes a description: 'Introduction: Components of System Software: Text editors, Loaders, Assemblers, Macro processors, Compilers, Debuggers. Machine Structure, Machine language and Assembly Language. Assemblers: General design procedure, design of two pass assembler'. Below this, there are links to 'Notes of Unit 1', 'Question Bank For Unit 1', 'Assignment 1', 'Error Reporting Done by Two Pass Assembler', and 'More Information on Data Structure Used in 2 Pass Assembler'. The next section is 'Macro Processor, Linker and Loader', which describes the role of macro instructions, features of macro facility, design of two-pass, single pass and nested macro processor, loaders, loader schemes, absolute loaders, subroutine linkages, relocating loaders, overlay structure, design of an absolute loader, design of direct linking loader, linkers, relocation and linking concepts, design of linker, self-relocating programs, static and dynamic link libraries, use of call back functions, and a case study on loading phases using Java. Below this is 'Language Translator', which describes the role of lexical analysis, parsing, token patterns and lexemes, lexical errors, regular definitions for language constructs and strings, sequences, comments, transition diagrams for token recognition, reserved words and identifiers, examples of introduction to compilers and interpreters, a general model of compiler, program interpretation, comparison of compiler and interpreter, use of interpreter and components of interpreter, and a case study on overview of LEX and YACC specification and features. The bottom of the page shows a Windows taskbar with icons for various applications and the system clock indicating 1:06 PM on 8/28/2021.

## Confirmation of contents

The screenshot shows a web browser window with multiple tabs. The active tab is 'SPOS unit 1 - SPOS unit 1.pdf'. The address bar shows the URL '192.168.1.128/moodle/pluginfile.php/1983/mod\_resource/content/1/SPOS unit 1.pdf'. The page displays a PDF document titled 'INTRODUCTION - Unit: I'. The document content is as follows:

With the learning of various programming languages like C, C++ and Java etc. we learned Application development such as creating a calculator, sorting, interfacing various sensors, actuators to various microcontrollers which are basically application programs.

General purpose applications programs are Music player, web browser, Text editor and many more.

Application programming aims to produce software which provides services to user.

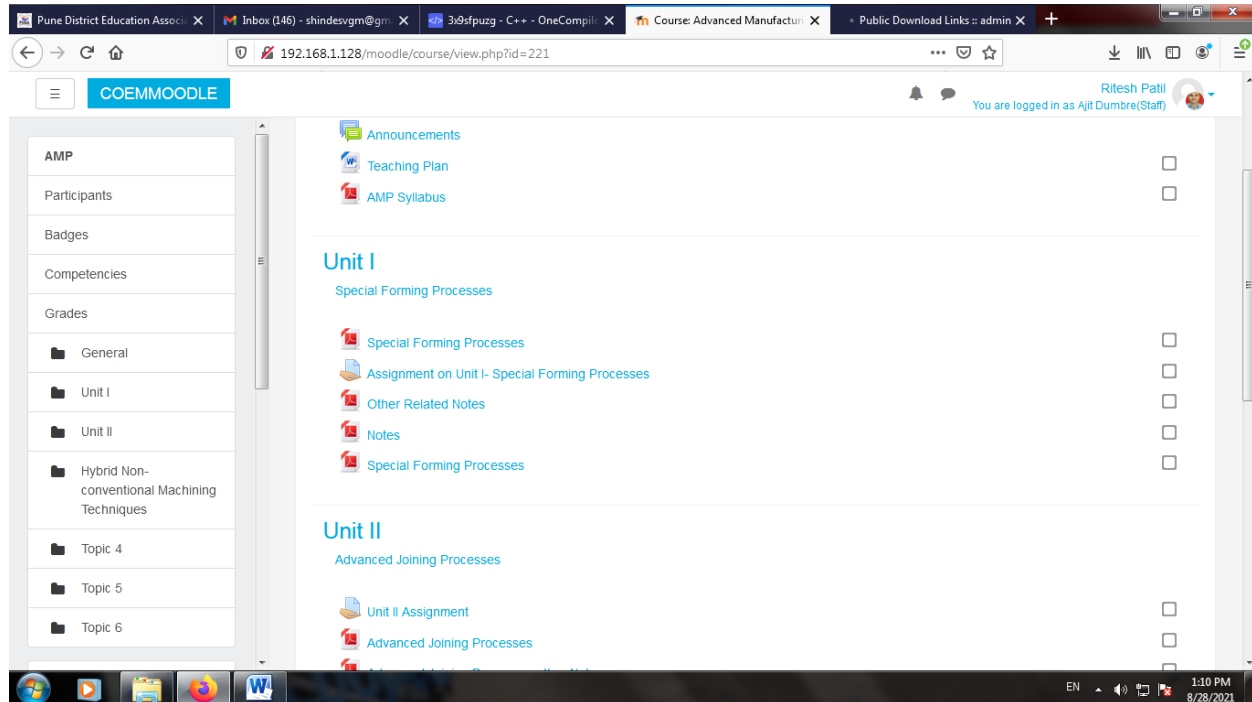
System software is a collection of programs that facilitate execution of programs and use of resource in a computer system.

Difference between Application software & system s/w

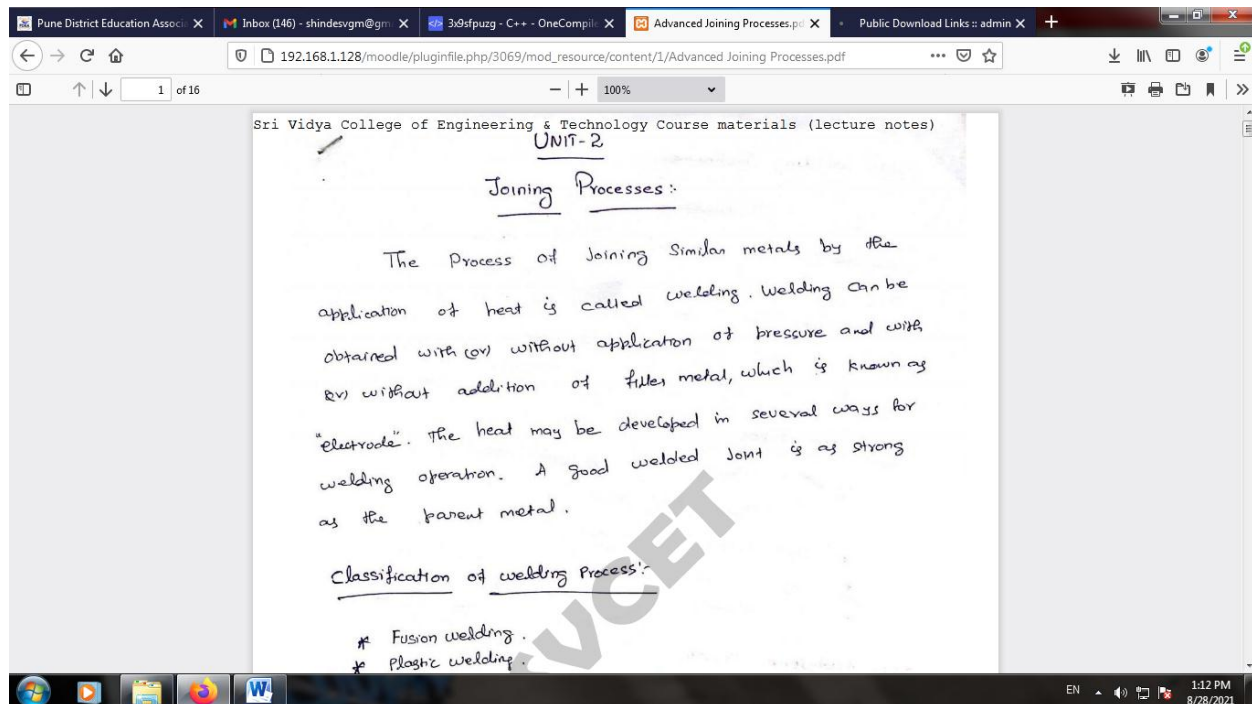
The bottom of the page shows a Windows taskbar with icons for various applications and the system clock indicating 1:07 PM on 8/28/2021.

# Moodle resources of Mechanical Department A.Y 2019-20

## AMP Subject



## Content confirmation





# Thermodynamics

The screenshot shows a web browser window with multiple tabs. The active tab is 'Course: Thermodynamics - 2015'. The address bar shows the URL '192.168.1.128/moodle/course/view.php?id=27'. The page header includes the 'COEMMOODLE' logo and a user profile for 'Ritesh Patil' with the note 'You are logged in as Satish Patil (staff)'. The left sidebar contains a navigation menu for the 'Thermodynamics-2015 pattern' course, listing items like Participants, Badges, Competencies, Grades, and a folder structure with General, Unit 1, Unit 2, Topic 3, and Topic 4. The main content area is titled 'Thermodynamics - 2015 pattern' and includes a 'Your progress' section. Below this, there is an 'Announcements' section and a 'Unit 1' section. The 'Unit 1' section lists several resources: 'Laws of Thermodynamics unit 1' (with a checkbox), 'Laws of Thermodynamics notes Unit 1', 'MCQ's Unit 1 Laws of Thermodynamics' (with a checkbox), 'Notes' (with a checkbox), 'Unit 1 NOTES', and 'summary and overview unit 1' (with a checkbox). The bottom of the browser window shows a taskbar with various application icons and a system clock indicating 1:17 PM on 8/28/2021.

# AT

The screenshot shows a web browser window with multiple tabs. The active tab is 'Course: Applied Thermodynamics'. The address bar shows the URL '192.168.1.128/moodle/course/view.php?id=208'. The page header includes the 'COEMMOODLE' logo and a user profile for 'Ritesh Patil' with the note 'You are logged in as Satish Patil (staff)'. The left sidebar contains a navigation menu for the 'AT' course, listing items like Participants, Badges, Competencies, Grades, and a folder structure with General, Basics of I.C. engine and air-fuel cycles, S.I. engine, C.I. Engines, Testing of I.C. Engines, I.C. Engine Systems, and Positive displacement Compressor (Reciprocating & Rotary). The main content area is titled 'AT' and includes a 'Teaching Plan 19-20', 'Practical Plan 19-20', 'Syllabus SE\_2015', and 'Attendance Dec 2019'. Below this, there is a 'Basics of I.C. engine and air-fuel cycles' section. This section lists several resources: 'Basics of I.C. engine and air fuel cycles' (with a checkbox), 'Basics of I.C. Engines' (with a checkbox), 'Fuel Air Cycle and Actual cycle' (with a checkbox), and 'Assignment on unit 1' (with a checkbox). The 'Basics of I.C. Engines' section includes a description: 'Heat Engine, IC and EC engines, I.C. Engine construction - components and materials, Engine nomenclature, Valve timing diagram, Intake and exhaust system, Engine classification, Applications.' The 'Fuel Air Cycle and Actual cycle' section includes a description: 'Fuel air cycle, Assumptions, Comparison with air standard cycle, Effect of variables on performance, Actual cycle and various losses, Comparison of Air standard Vs Fuel Vs Actual cycle.' Below this, there is an 'S.I. engine' section. The bottom of the browser window shows a taskbar with various application icons and a system clock indicating 1:18 PM on 8/28/2021.

# Moodle resources of E&TC Department A.Y 2019-20

## AVE subject

The screenshot shows the Moodle interface for the AV&E course. The left sidebar contains a menu with options: AVE, Participants, Badges, Competencies, Grades, and a General section with sub-items: I. Vision Characteristics, Scanning System and Analog Video; II. Color Television Standards; Topic 3; Topic 4; and Topic 5. The main content area is titled 'AV&E' and shows the course progress. It lists two units: 'I. Vision Characteristics, Scanning System and Analog Video' and 'II. Color Television Standards'. Each unit has a 'Handwritten notes' link and an 'Assignment' link, each with a checkbox for completion. The user is logged in as Rahasa Sahu (staff).

The screenshot shows a handwritten note on a PDF document. The title is '# Process control Principles #'. The content includes three bullet points: 'Basic objective → Regulate the value of some quantity.', 'To regulate → Maintain that quantity at some desired value regardless of external influences.', and 'The desired value → Ref. value / setpoint.'. Below these, it says '→ The Process :'. At the bottom, there is a diagram showing a process with an input 'Q<sub>in</sub>' and a feedback loop. The document is titled 'classmate' and has a date and page field.

# BXE

Browser tabs: Pune District Education Associ..., Inbox (146) - shindesvgm@gm..., 3x9sfpuzg - C++ - OneCompil..., Course: BXE, Public Download Links :: admin

Address bar: 192.168.1.128/moodle/course/view.php?id=115

COEMMOODLE

Navigation menu:

- BXE A
  - Participants
  - Badges
  - Competencies
  - Grades
    - General
    - Introduction to Electronics
    - Transistors & Op-Amp
    - Number Systems & Logic Gates
    - ELECTRONIC INSTRUMENTATION
    - Topic 5

Course: BXE

Dashboard / My courses / BXE A

Your progress

- Announcements
- course content

Introduction to Electronics

- BXE unit 1 Notes

Transistors & Op-Amp

- BXE Unit 2 Notes

Number Systems & Logic Gates

login Highlight All Match Case Match Diacritics Whole Words

Browser tabs: Pune District Education Associ..., Inbox (146) - shindesvgm@gm..., 3x9sfpuzg - C++ - OneCompil..., New Doc 2019-08-14 (3) - BXE..., Server Not Found

Address bar: 192.168.1.128/moodle/pluginfile.php/1228/mod\_resource/content/1/BXE UNIT 2.pdf

3 of 19 110%

Handwritten notes on BXE UNIT 2.pdf:

In order to use the transistor as an amplifier, it must be operated in its active region. The biasing of P-n-p & n-p-n x'ors for their active region operation & direction of current as shown in fig.

n-p-n

P-n-p

operation of n-p-n x'or

emitter Base collector

$I_E = I_C + I_B$

Direction of conventional flow of current.

# Moodle resources of Instrumentation & Control Department A.Y 2019-20

The screenshot shows the Moodle course interface. The browser tabs include 'Pune District Education Assoc...', 'Inbox (146) - shindesvgm@gmail.com', '3d9sfpuzg - C++ - OneCompiler', and 'Course: Instrumentation in Agriculture and Food Industries'. The address bar shows '192.168.1.128/moodle/course/view.php?id=189'. The course title is 'Instrumentation in Agriculture and Food Industries'. The user is logged in as 'Dipak Patil (staff)'. The left sidebar shows the course structure: IAFI, Participants, Badges, Competencies, Grades, General, Unit 1, Unit 2, Assignment No: 1, Unit 3, Unit 4, and Assignment 2. The main content area shows 'Unit 1' and 'Unit 2' with checkboxes for completion. The bottom of the page has a search bar with 'dipak' and options for 'Highlight All', 'Match Case', 'Match Diacritics', and 'Whole Words'.

The screenshot shows a PDF document titled 'Necessity of Instrumentation & control for agriculture'. The document is displayed in a viewer with a toolbar at the top showing 'Automatic Zoom' and '1 of 15' pages. The content of the PDF is handwritten text:

# Necessity of Instrumentation & control for agriculture

- ① Instrumentation Engg can offer lot of help in agriculture.
- ② If you can automate the process of harvesting (कटाई) when the available Resource are plenty (अवसर) one can have more control on process.
- ③ i.e Agriculture can become successful Business.
- ④ In India, The most Imp problem is agriculture not seen as beneficial Business as it totally depends on Rain & climate.
- ⑤ To get more out of Instrumentation first we have to concentrate on Basic Problem.

The bottom of the page has a search bar with 'dipak' and options for 'Highlight All', 'Match Case', 'Match Diacritics', and 'Whole Words'.

# BI

Course: BI

COEMMOODLE

Announcements

Topic 1

- Question bank
- UNIT 1

Topic 2

- bi-unit 2
- UNIT2

Topic 3

- unit 3
- UNIT3

Participants

Badges

Competencies

Grades

- General
- Topic 1
- Topic 2
- Topic 3
- Topic 4
- Topic 5
- Topic 6

dipak

Highlight All Match Case Match Diacritics Whole Words

EN 1:41 PM 8/28/2021

New Doc 2019-08-16 14:00

Unit-2 Analog Indicating Instruments.

Dc galvanometer :- A galvanometer is an instrument used for detecting presence of small currents & voltages in a circuit or for measuring their magnitudes. galvanometer find their principal application in bridge & potentiometer measurements where their function is to indicate zero current.

This instrument is very commonly used in various methods of resistance measurement & also in d.c. potentiometer work.

Permanent magnet

Upper suspension

Lower suspension

Iron case

Coil

1 of 11

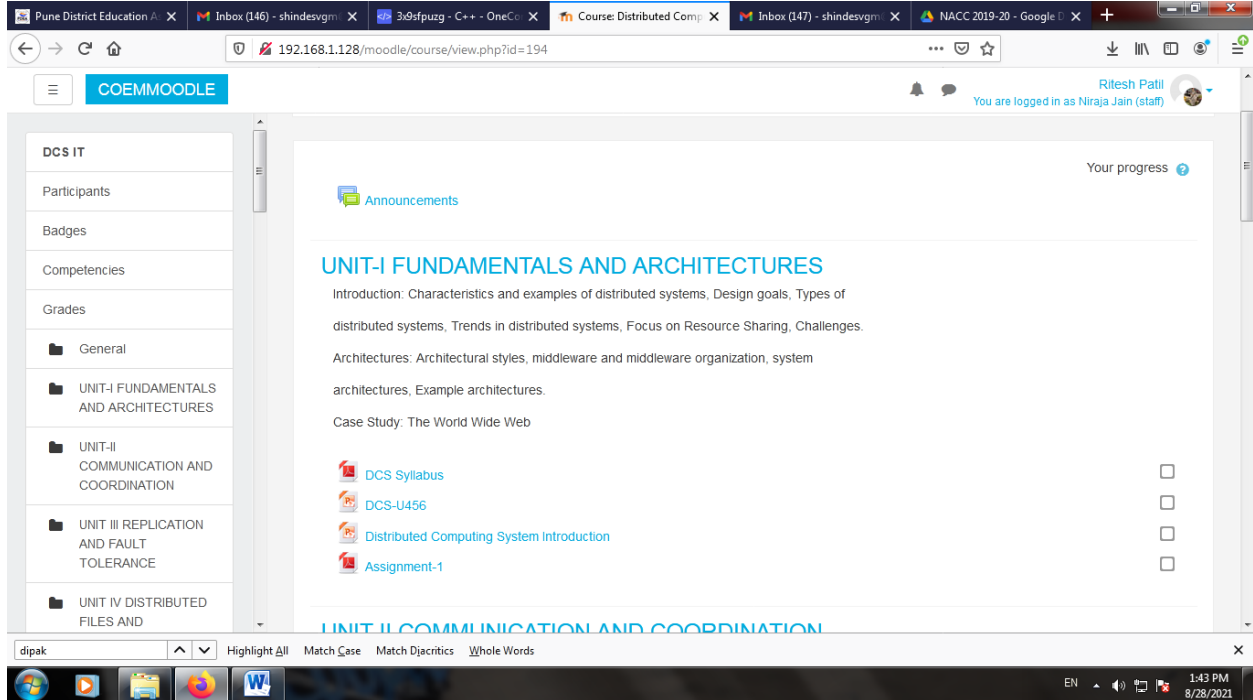
dipak

Highlight All Match Case Match Diacritics Whole Words

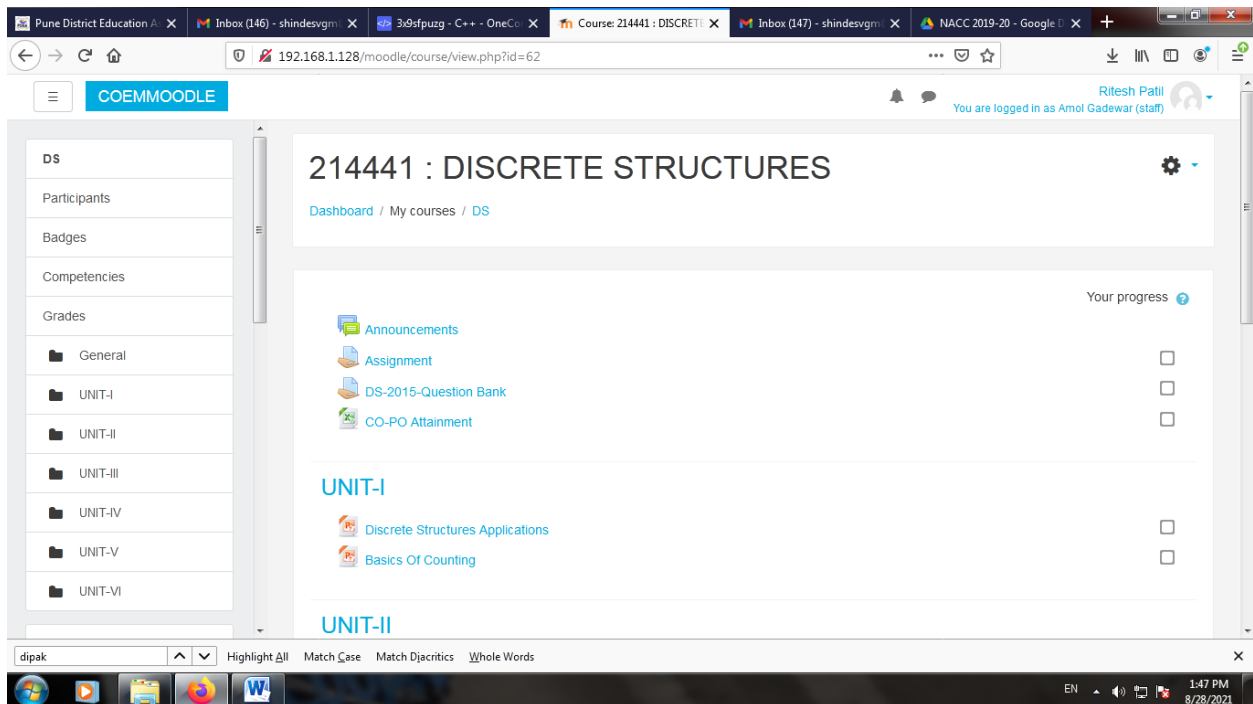
EN 1:41 PM 8/28/2021

# Moodle resources of IT Department A.Y 2019-20

## DCS-IT



This screenshot shows the Moodle interface for the 'DCS IT' course. The browser window has multiple tabs open, including 'Pune District Education', 'Inbox (146)', '3x9sfpuzg - C++ - OneCo', 'Course: Distributed Comp', 'Inbox (147)', and 'NACC 2019-20'. The address bar shows the URL '192.168.1.128/moodle/course/view.php?id=194'. The Moodle header includes the 'COEMMOODLE' logo and a user profile for 'Ritesh Patil' with the note 'You are logged in as Niraja Jain (staff)'. The left sidebar contains a navigation menu for 'DCS IT' with links to 'Participants', 'Badges', 'Competencies', 'Grades', and a folder icon for 'General'. Below these are links for 'UNIT-I FUNDAMENTALS AND ARCHITECTURES', 'UNIT-II COMMUNICATION AND COORDINATION', 'UNIT III REPLICATION AND FAULT TOLERANCE', and 'UNIT IV DISTRIBUTED FILES AND'. The main content area features an 'Announcements' section with the title 'UNIT-I FUNDAMENTALS AND ARCHITECTURES'. The text describes the introduction and architectures of distributed systems. Below this, there is a list of resources: 'DCS Syllabus', 'DCS-U456', 'Distributed Computing System Introduction', and 'Assignment-1', each with a checkbox for completion. The bottom of the screen shows a taskbar with icons for 'dipak', 'Highlight All', 'Match Case', 'Match Dialects', and 'Whole Words', along with system icons for 'EN', '1:43 PM', and '8/28/2021'.



This screenshot shows the Moodle interface for the course '214441 : DISCRETE STRUCTURES'. The browser window has multiple tabs open, including 'Pune District Education', 'Inbox (146)', '3x9sfpuzg - C++ - OneCo', 'Course: 214441 : DISCRETE', 'Inbox (147)', and 'NACC 2019-20'. The address bar shows the URL '192.168.1.128/moodle/course/view.php?id=62'. The Moodle header includes the 'COEMMOODLE' logo and a user profile for 'Ritesh Patil' with the note 'You are logged in as Anmol Gadewar (staff)'. The left sidebar contains a navigation menu for 'DS' with links to 'Participants', 'Badges', 'Competencies', 'Grades', and a folder icon for 'General'. Below these are links for 'UNIT-I', 'UNIT-II', 'UNIT-III', 'UNIT-IV', 'UNIT-V', and 'UNIT-VI'. The main content area features an 'Announcements' section with the title '214441 : DISCRETE STRUCTURES'. Below this, there is a list of resources: 'Assignment', 'DS-2015-Question Bank', and 'CO-PO Attainment', each with a checkbox for completion. The bottom of the screen shows a taskbar with icons for 'dipak', 'Highlight All', 'Match Case', 'Match Dialects', and 'Whole Words', along with system icons for 'EN', '1:47 PM', and '8/28/2021'.



Browser tabs: Pune District Education, Inbox (146) - shindesvgm, 3x9sfpuzg - C++ - OneCo, Course: 214441 : DISCRET, Inbox (147) - shindesvgm, NACC 2019-20 - Google I, +

Address bar: 192.168.1.128/moodle/course/view.php?id=62

COEMMOODLE

DS

Participants

Badges

Competencies

Grades

General

UNIT-I

UNIT-II

UNIT-III

UNIT-IV

UNIT-V

UNIT-VI

Announcements

Assignment

DS-2015

CO-PO At

UNIT-I

Discrete S

Basics Of

UNIT-II

Set Theor

UNIT-III

Relations & Functions

Opening 0.Relations and Functions.ppt

You have chosen to open:

0.Relations and Functions.ppt

which is: Microsoft PowerPoint 97-2003 Presentation (456 KB)

from: http://192.168.1.128

What should Firefox do with this file?

☐ Open with Microsoft PowerPoint (default)

☒ Save File

☐ Do this automatically for files like this from now on.

OK Cancel

dipak

Highlight All Match Case Match Djacritics Whole Words

EN 1:48 PM 8/28/2021

Browser tabs: Pune District Education, Inbox (146) - shindesvgm, 3x9sfpuzg - C++ - OneCo, Course: Computer Graphi, Inbox (147) - shindesvgm, NACC 2019-20 - Google I, +

Address bar: 192.168.1.128/moodle/course/view.php?id=165

COEMMOODLE

CG IT

Participants

Badges

Competencies

Grades

General

UNIT I- Graphics Basic Concepts

UNIT II-POLYGONS AND GRAPHICAL TRANSFORMATIONS

UNIT - III 3D TRANSFORMATIONS AND PROJECTIONS

UNIT - IV SEGMENTS, WINDOWING AND

Announcements

UNIT I- Graphics Basic Concepts

Introduction to Computer Graphics, Basics of graphics systems, Raster scan & Random scan displays, basic display processor

Display Files: display file structure, algorithms and display file interpreter. Primitive operations on

display file Plotting Primitives: Scan conversions, lines, line segments, vectors, pixels and frame buffers, vector generation

Line drawing Algorithms: DDA, Bresenham

Circle drawing Algorithms: - DDA, Bresenham

Character Generation: Stroke Principle, Starburst Principle, Bit map method, Introduction to aliasing and anti-aliasing

UNIT I

CG-Assignemnt-1

Line Draw Algorithms

Circle Drawing Algorithm

Character Generation

dipak

Highlight All Match Case Match Djacritics Whole Words

EN 1:49 PM 8/28/2021

# Moodle resources of FE Department A.Y 2019-20

The screenshot shows the Moodle course page for 'Engineering Chemistry'. The browser tabs include 'Pune District Education A...', 'Inbox (146) - shindesvgm...', '3x9sfpuzg - C++ - OneCo...', 'Course: Engineering Chem...', 'Inbox (147) - shindesvgm...', and 'NACC 2019-20 - Google F...'. The address bar shows '192.168.1.128/moodle/course/view.php?id=122'. The user is logged in as 'Manisha Kedari (staff)'.

**Engg. Chem**

- Participants
- Badges
- Competencies
- Grades
- General
- Water Technology
- Instrumental Methods of Analysis
- Engineering Materials
- Fuels
- Topic 5

**Engineering Chemistry**

Dashboard / My courses / Engg. Chem

Your progress

**Announcements**

**Water Technology**

- Notes

**Instrumental Methods of Analysis**

- Notes
- Assignment 2

The screenshot shows a PDF document titled 'Instrumental Method of Analysis'. The browser tabs include 'Pune District Education A...', 'Inbox (146) - shindesvgm...', '3x9sfpuzg - C++ - OneCo...', 'New Doc 2019-09-16 14:0...', 'Inbox (147) - shindesvgm...', and 'NACC 2019-20 - Google F...'. The address bar shows '192.168.1.128/moodle/pluginfile.php/933/mod\_resource/content/1/Unit 2.pdf'. The document is page 1 of 16.

**Instrumental Method of Analysis.**

**\* Reference Electrode:-**

Reference electrode is an electrode which has stable & reproducible electrode potential. Ideal reference electrode is-

- a) is reversible & obeys the Nernst's equation.
- b) exhibits a potential that is constant with time.
- c) returns to its original potential after being subjected to small currents.

There are two types of reference electrode.

- 1) Primary reference electrode.

Course: Engineering Math

# Engineering Mathematics-I A

Dashboard / My courses / EM-I A

Announcements

Topic 1

- Mean Value theorems
- Tylors theorem

Topic 2

- Fourier series

Your progress

Participants

Badges

Competencies

Grades

General

Topic 1

Topic 2

Topic 3

Topic 4

Topic 5

Topic 6

dipak

Highlight All Match Case Match Diacritics Whole Words

EN 1:52 PM 8/28/2021

New Doc 2019-09-25 15:11

Unit -1

## Differential Calculus

# Rolle's Thm :-

If a function  $f(x)$  is

- Continuous in the closed interval  $[a, b]$
- differential in the open interval  $(a, b)$   
(i.e  $f'(x)$  exist & unique in  $a < x < b$ )
- $f(a) = f(b)$

then there exist at least one pt  $x=c$  in  $(a, b)$  such that  $f'(c) = 0$

# Remarks :-

- There may exist more than one real no.  $c \in (a, b)$  at which  $f'(c) = 0$
- The converse of Rolle's thm is not true.

dipak

Highlight All Match Case Match Diacritics Whole Words

EN 1:53 PM 8/28/2021

