



MES COLLEGE OF ENGINEERING, KUTTIPPURAM

Thrikkanapuram South PO, Malappuram District, Kerala – 679582

(Approved by AICTE, New Delhi and Affiliated to Kerala Technological University)

**NAAC ACCREDITATION
CRITERIA 2.3
ICT ENABLED TOOLS**

ICT ENABLED TOOLS

1. Linways Management System
2. Virtual Lab
3. Testmoz
4. Smart Board
5. Moodle Server
6. Class Marker
7. Google Classrooms
8. YouTube Channels
9. Faculty Websites and Blogs

LINWAYS MANAGEMENT SYSTEM

- Linways supports collaborative learning, creating and delivering learning materials, generating reports, student notifications etc.
- Linways completely manages entire academic activities from attendance to online quizzes.
- Teachers and students are able to communicate properly with the help of this system.

LINWAYS MANAGEMENT SYSTEM

- Linways hosts a fully automated decision making system that helps facilitate the effective delivery of organizational goals.
- It displays evaluated data through various graphical representations and creates transparency in the achievement of organizational goals.
- Linways provides an effective solution for the dissemination of information and course materials.

LINWAYS MANAGEMENT SYSTEM

- Linways also supports various interactive media like document sharing, video representation, file sharing, searching, digital library services etc.
- All faculty members of our institution make use of Linways academic management system.

LINWAYS MANAGEMENT SYSTEM

- Linways creates and manages various assessment mechanisms to save time and energy, maps and manages Course Outcomes (COs) and Program Outcomes (POs) easily, reports to stakeholders in real time, monitors and analyzes the outcomes as the course progresses.

LINWAYS MANAGEMENT SYSTEM

The screenshot shows the LINWAYS Management System interface. The top navigation bar includes links for Home, My Profile, Documents, Upload, My Library, and Help. The user is logged in as Dr. GEEVAR C. The main content area displays the 'CONTENTS' of the course material for Database Management Systems (R/MCA205). The sidebar on the left lists various navigation options, with 'Course materials' currently selected. The main content area shows the 'CONTENTS' of the course material, including sections on EER predicate-defined sub-class, Need diagram, and constraints like disjointness and completeness.

CONTENTS

EER predicate-defined sub-class is represented by writing the predicate condition next to the line that connects the sub-class to the specialization circle.

Need diagram

If 'all' sub-classes in a specialization have their membership condition on the same attribute of the super-class, the specialization itself is called an attribute-defined specialization and the attribute is called the defining attribute of the specialization. Attribute-defined specialization is represented by placing the defining attribute name next to the arc from the circle to super-class.

Need diagram

Another constraints that may apply to specialization are disjointness constraint and completeness constraint.

Disjointness constraint specify that an entity can be a member of 'at most' one of the sub-classes of the specialization. A specialization that is attribute-defined implies the disjointness constraint if the attribute used to define the membership predicate is single-valued. If the subclass are not constrained to be disjoint, their sets of entities may overlap; that is, the same entity may be a member of more than one sub-class of the specialization. In EER diagram, 'd' in the circle stands for 'disjoint' and 'o' in the circle stands for overlap.

Completeness constraint may be total or partial. A total specialization constraint specifies that 'every' entity in the super-class must be a member of at least one sub-class in the specialization, if not it is known as partial specialization. Total participation in EER diagram is shown by using a double line to connect the super-class to the circle and a single line is used to display a partial specialization.

Both the disjointness and completeness constraints are independent. Hence in EER the following four possible constraints on specialization are possible:

1. disjoint, total
2. disjoint, partial
3. overlap, total
4. overlap, partial

LINWAYS MANAGEMENT SYSTEM

Browser address bar: <https://mes.linways.com/staff/staff.php?menu=coursemat&action=view&bid=70&suid=375&sid=3>

MES College of Engineering

Home / My Profile / Documents / Upload / My Library / Help

Home / IT2018, S3 / Data Structures (CS 205) / Course Materials

COURSEWARES LIST

	Sl.no	Document Name	Faculty	Uploaded Date	Lock	Edit
<input type="checkbox"/>	1	module 1	Me	2019-10-29 17:08:22		
<input type="checkbox"/>	2	module 2	Me	2019-10-29 17:08:46		
<input type="checkbox"/>	3	module 3	Me	2019-10-29 17:09:44		
<input type="checkbox"/>	4	module 4	Me	2019-10-29 17:10:04		
<input type="checkbox"/>	5	module 5	Me	2019-10-29 17:10:21		
<input type="checkbox"/>	6	module 6	Me	2019-10-29 17:10:51		
<input type="checkbox"/>	7	module 1 Slide	Me	2019-10-29 17:11:46		
<input type="checkbox"/>	8	Linkedlist slide	Me	2019-10-29 17:12:18		

Left sidebar menu:

- Summary
- Student Information
- OBE Settings
- Subject Planner
- Attendance
- Assignments
- Question Papers & Marks(NBA)
- Sessional Exam
- Course File Settings
- Internals
- Message box
- Internal Assessment
- Exam Timetable
- Course materials**
- Upload Coursewares
- List Coursewares

ICT ENABLED TOOLS

- Faculty members also use smart boards and application software like
 - Class Marker
 - Moodle
 - Testmoz
 - Virtual lab for effective teaching-learning process

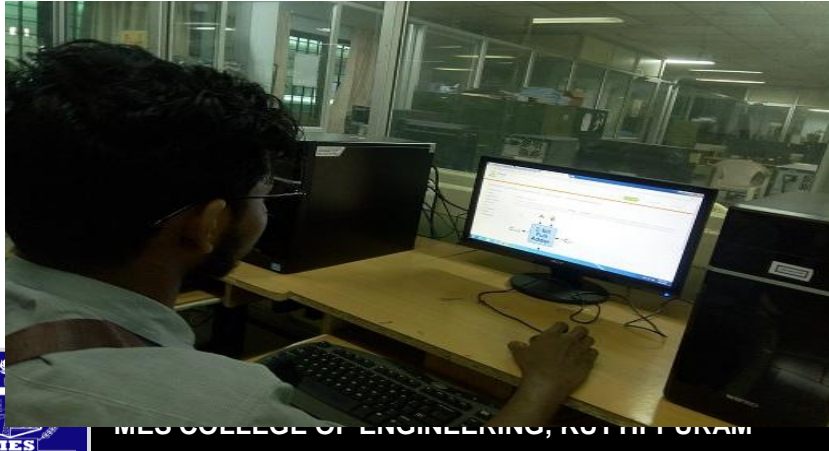
VIRTUAL LAB

COMPUTER SCIENCE & ENGINEERING

Virtual Lab

Lab Name	Institute	Link
Problem Solving Lab	IIIT HYDERABAD	http://ps-iiith.vlabs.ac.in/
Artificial Neural Networks Lab	IIIT HYDERABAD	http://cse22-iiith.vlabs.ac.in/
Computer Architecture & Organization Lab	IIT KHARAGPUR	http://vlabs.iitkgp.ernet.in/coa/
Data Structures Lab	IIIT HYDERABAD	http://cse01-iiith.vlabs.ac.in/
Computer Programming Lab	IIIT HYDERABAD	http://cse02-iiith.vlabs.ac.in/
Computer Organization Lab	IIIT HYDERABAD	http://cse11-iiith.vlabs.ac.in/
Computer Graphics Lab	IIIT HYDERABAD	http://cse18-iiith.vlabs.ac.in/
Software Engineering Lab	IIT KHARAGPUR	http://vlabs.iitkgp.ernet.in/se/
Image Processing Lab	IIIT HYDERABAD	http://cse19-iiith.vlabs.ac.in/
Cryptography Lab	IIIT HYDERABAD	http://cse29-iiith.vlabs.ac.in/
Speech Signal Processing Lab	IIIT HYDERABAD	http://ssp-iiith.vlabs.ac.in/
Pattern Recognition Lab	IIIT HYDERABAD	http://csc20-iiith.vlabs.ac.in/
Wireless Sensor Network Remote Triggered Lab	AMRITA VISHVA VIDYAPEETHAM	http://vlab.amrita.edu/index.php?sub=78
Natural Language Processing Lab	IIIT HYDERABAD	http://cse24-iiith.virtual-labs.ac.in/

VIRTUAL LAB



TESTMOZ SAMPLE

Your test has 20 questions (20 graded / 0 ungraded) with a total of 20 points possible. Questions will be shuffled during the test.

1. Who developed python programming language?

1 points

- ☐ James Gosling
- ☒ Guido van Rossum
- ☐ Dennis Ritchie
- ☐ Robert Gentleman

2. Python is a case sensitive programming language.

1 points

- ☒ True
- ☐ False

3. A python identifier can start with a digit.

1 points

- ☐ True
- ☒ False

Insert

Submit

Reset

Done?



SMART BOARD

The smartboard displays the following content:

Design. of Algorithms
 $f(n) = O(g(n))$

$f(n) = 2n + 3$
 $g(n) = O(f(n))$

A graph is shown with two curves starting from the origin. The upper curve is labeled $\epsilon g(n)$ and the lower curve is labeled $f(n)$. The graph illustrates the relationship between the functions $f(n)$ and $g(n)$ in the context of Big O notation.

POCO
SHOT ON POCO F1

MOODLE SAMPLE

MCA Department


172.20.3.1/moodle/

MCA Department

Welcome!

Welcome to the course management portal of MCA Department

This is a virtual class



Available courses

- MCA10 303-Series Exam-V
Teacher: Geovar C Z
- Database Lab - KTU 2018 Batch
Teacher: Geovar C Z
- Database Lab - KTU 2017 Batch
Teacher: Geovar C Z
- Mobile Application Development Lab
Teacher: Geovar C Z
- Database Lab - KTU 2016 Batch
Teacher: Geovar C Z

Course Objectives:

- To familiarise the functionality and support provided by commercially popular RDBMS
- To know its use in meeting data storage and organization requirements.

You are logged in as [Admin mca \(Logout\)](#)
[English](#) - [United States \(en_us\)](#)

Online portal for various courses offered by the Department of Computer Applications

Calendar:

December 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

License

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Main menu

- [Site news](#)
- [About](#)

Navigation

- [Home](#)
- [My home](#)
- [Site pages](#)
- [My profile](#)
- [My courses](#)

Calendar

MOODLE SAMPLE

The screenshot shows a web browser window displaying a Moodle course page. The browser's address bar shows the URL `172.20.3.1/moodle/course/view.php?id=21`. The page title is "Database Lab - KTU 2018 Batch". In the top right corner, it says "You are logged in as: Geever C Z (Logout)". Below the title, there is a breadcrumb trail: "Home > RLMCA231-2018". A "Turn editing on" button is located in the top right of the content area. The main content is divided into two columns. The left column contains a "Notice" section with links for "Upload Template", "Example Template", and "News forum". Below this is a "General Instruction" section with a list of six rules regarding lab assignments and file uploads. The right column contains several widgets: "Search forums" with a search box and "Go" button; "Latest news" with a link to "Add a new topic..." and a note that no news has been posted yet; "Upcoming events" with a note that there are no upcoming events and links to "Go to calendar..." and "New event..."; "Recent activity" showing activity since Monday, December 9, 2019, 2:03 PM, with a link to "Full report of recent activity..."; and "Navigation" with links for "Home", "My home", "Site pages", "My profile", "Current course", and "RLMCA231-2018". Below the main content area, there are two sections for "Experimental Lab Program - Lab 1" and "Experimental Lab Program - Lab 2". Lab 1 includes a "Note" section with two bullet points and a link to "Experiment Lab Program - Lab 1 - Upload". Lab 2 includes a link to "Experiment Lab Program - Lab 2 - Upload".

Course Database Lab - KTU 2018 Batch

172.20.3.1/moodle/course/view.php?id=21

About this site

Database Lab - KTU 2018 Batch

You are logged in as: Geever C Z (Logout)

Home > RLMCA231-2018

Turn editing on

Notice

- Upload Template
- Example Template
- News forum

General Instruction

1. All lab assignments should be submitted electronically.
2. Every lab assignments has time limits set by the course teacher.
3. Assignments should be uploaded as a file by using the link provided.
4. Uploading filename should be in <your roll no> <filename>.sql format (unless otherwise specified). No other format will be accepted.
5. Each lab programmes will be evaluated and graded in 10 marks.
6. The file uploading will not be possible after the given time limit and no extension of time will be allowed in any condition.

Experimental Lab Program - Lab 1

Write C program to implement a student management system using file by taking a suitable structure.

Note:

- Elements in the structure can be assumed.
- You need to upload your program in .c format file and the data file in .dat file.

Experiment Lab Program - Lab 1 - Upload

Experimental Lab Program - Lab 2

Design a course management database by creating the following table:

Search forums

Go

Advanced search

Latest news

Add a new topic...

(No news has been posted yet)

Upcoming events

There are no upcoming events:

Go to calendar...

New event...

Recent activity

Activity since Monday, December 9, 2019, 2:03 PM

Full report of recent activity...

Nothing new since your last login

Navigation

- Home
- My home
- Site pages
- My profile
- Current course
- RLMCA231-2018
- Documents

CLASS MARKER SAMPLE

ClassMarker

Hi Vasudevan | Upgrade | Logout

Dashboard ▾ Help ▾ My Account ▾

Tests > Results

Tests Groups Links

2018 - 09 - Python Programming - Tutorial 1

MCA 2016 - 2019 - S5 - Python Programming Elective Batch

Settings

Pass Mark: Not set
Time Limit: Not set
[Edit](#)

Statistics by Category

All dates ▾ Any status & score ▾ Any duration ▾ No grade filter ▾ Actions

Name *	Percentage *	Score	Duration *	Date *	Statistics ▾
Average	96.9% <div></div>	19.4/20	00:15:37		
Abdul Samad E V 01	100% <div></div>	20/20	00:06:39	Thu 6 Sep '18 2:15pm	Answers
Anjali K P 03	95% <div></div>	19/20	00:04:14	Thu 6 Sep '18 2:18pm	Answers
Anshitha V Abbas 05	100% <div></div>	20/20	00:04:05	Thu 6 Sep '18 2:12pm	Answers

GOOGLE CLASSROOMS

2.3.3 mentor - mentee - Google X CE306 COMPUTER PROGRAMMING AND COMPUTATI... +

→ ↺ 🏠 🔒 https://classroom.google.com/u/0/c/NTMyNzc2Nzk3NDVa ... 🛡️ ☆

☰ CE306 COMPUTER PROGRAMMING AND COMPUTATI... COMPUTER PROGRAMMING Stream Classwork People Grades

CE306 COMPUTER PROGRAMMING AND COMPUTATI...

COMPUTER PROGRAMMING


Class code b3ptoiv

Select theme
Upload photo


Upcoming


No work due soon

[View all](#)





Announce something to your class






Badharudheen Pulikkal posted a new assignment: Online Assignment 1
Jul 16, 2020





Badharudheen Pulikkal posted a new assignment: Second Internal Examination July 2020
Jul 3, 2020



GOOGLE CLASSROOMS

2.3.3 mentor - mentee - Google X Classwork for CE306 COMPUTE X

https://classroom.google.com/u/0/w/NTMyNzc2Nzk3NDVa/t/all

CE306 COMPUTER PROGRAMMING AND COMPUTA...
COMPUTER PROGRAMMING

Stream **Classwork** People Grades

Previous Year Question Papers

University Question Papers Posted Mar 22, 2020

Study Materials

Module 1 Notes and Slides Edited Mar 22, 2020

Module 2 Notes and Slides Edited Mar 22, 2020

Module 3 Notes and Slides Posted Mar 22, 2020

Module 4 Notes and Slides Posted Mar 30, 2020

Videos

YOUTUBE VIDEOS

The screenshot shows a YouTube video player interface. The main video is titled "Fourier Series" and displays the following text and equations:

Fourier Series

The expression for a **Fourier Series** is

$$x(t) = a_0 + \sum_{n=1}^{\infty} a_n \cos n\Omega_0 t + \sum_{n=1}^{\infty} b_n \sin n\Omega_0 t$$
$$\Omega_0 = \frac{2\pi}{T}$$

a_0 , a_n , and b_n are real and are called **Fourier Trigonometric Coefficients**

The video player shows a play button in the center of the video frame. Below the video, the title "EE 307 Signals and Systems Module 3 part 1" is displayed, along with "265 views • Oct 14, 2020". To the right of the video, there are icons for liking (21), commenting (0), sharing, saving, and a menu.

On the right side of the page, there is a list of recommended videos:

- EE 307 Signals and Systems Module 3 Part 2** by Dr. thasneem fathima, 120 views • 6 months ago, 4:41 duration.
- EE 307 Signals and Systems Module 3 Part 3** by Dr. thasneem fathima, 117 views • 6 months ago, 18:02 duration.
- Lec13 : COLUMN Part 1 (22 Apr)** by SUPER40 AMRAVATI MPSC MES ..., 179 watching, LIVE NOW.
- Enni Enni Sthuthikkuvan | എണ്ണി എണ്ണി...** by Potters Vessel, 105K views • 1 month ago, 4:52 duration.
- बिजली चोरी का सबसे आसान तरीका || बिजली की चोरी का सबसे अलग...** by My Support SC, 5M views • 6 months ago, 11:11 duration.
- കേരളത്തിലെ Ambulance**

Youtube videos on Signals and Systems by Dr. Thasneem Fathima, Associate Professor, Dept. of

MES COLLEGE OF ENGINEERING, KUTTIPPURAM

YOUTUBE VIDEOS

The screenshot shows the YouTube channel page for 'Mechanical Classroom'. The channel has 1.14K subscribers and a 'SUBSCRIBE' button. The page displays a grid of video uploads, including 'MECHANICAL PREVIOUS QUESTIONS WITH DETAILED SOLUTIONS' (Parts 2, 3, 4, and 5) and a video titled 'GATE 2021-Latest Update'. The left sidebar shows navigation options like Home, Trending, Subscriptions, Library, History, Your videos, Watch later, Liked videos, and Mobile Piano. The top navigation bar includes a search bar with the text 'mechanical classroom' and a microphone icon.

mechanical classroom

Mechanical Classroom
1.14K subscribers

SUBSCRIBE

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

Uploads ▶ PLAY ALL

PSIGATE(SSCIES/PSU) MECHANICAL PREVIOUS QUESTIONS WITH DETAILED SOLUTIONS Part 5 9:54 Mechanical Classroom 312 views • 4 months ago

PSIGATE(SSCIES/PSU) MECHANICAL PREVIOUS QUESTIONS WITH DETAILED SOLUTIONS Part 4 7:58 Mechanical Classroom 315 views • 4 months ago

PSIGATE(SSCIES/PSU) MECHANICAL PREVIOUS QUESTIONS WITH DETAILED SOLUTIONS Part 3 8:20 Mechanical Classroom 308 views • 4 months ago

PSIGATE(SSCIES/PSU) MECHANICAL QUESTIONS WITH DETAILED SOLUTIONS Part 2 8:28 Mechanical Classroom 439 views • 4 months ago

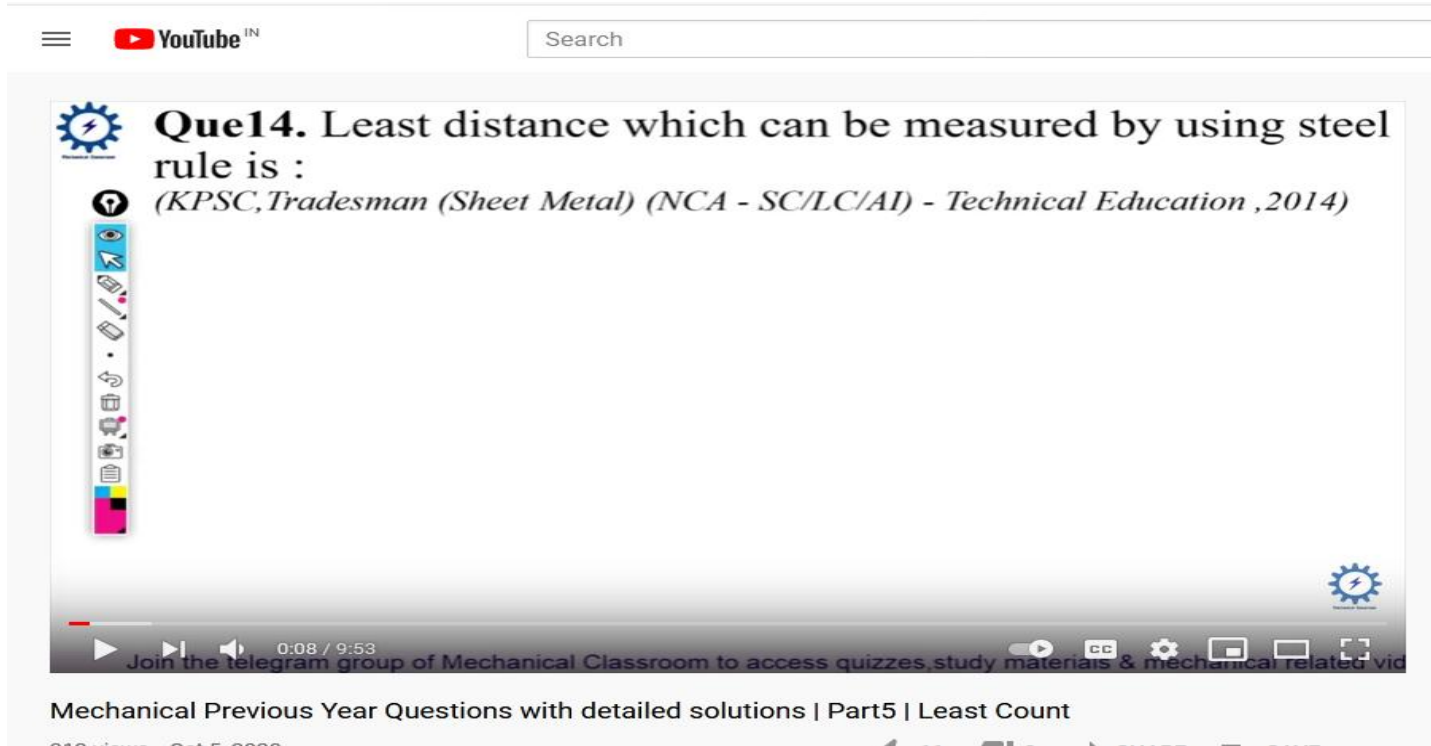
GATE 2021-Latest Update Applicable to all branches 246 views • 6 months ago

Youtube videos by Mohammed Jihad, Asst. Prof. Mechanical Dept.

MES COLLEGE OF ENGINEERING, KUTTIPPURAM



YOUTUBE VIDEOS



Mechanical Previous Year Questions with detailed solutions | Part5 | Least Count

YOUTUBE VIDEOS

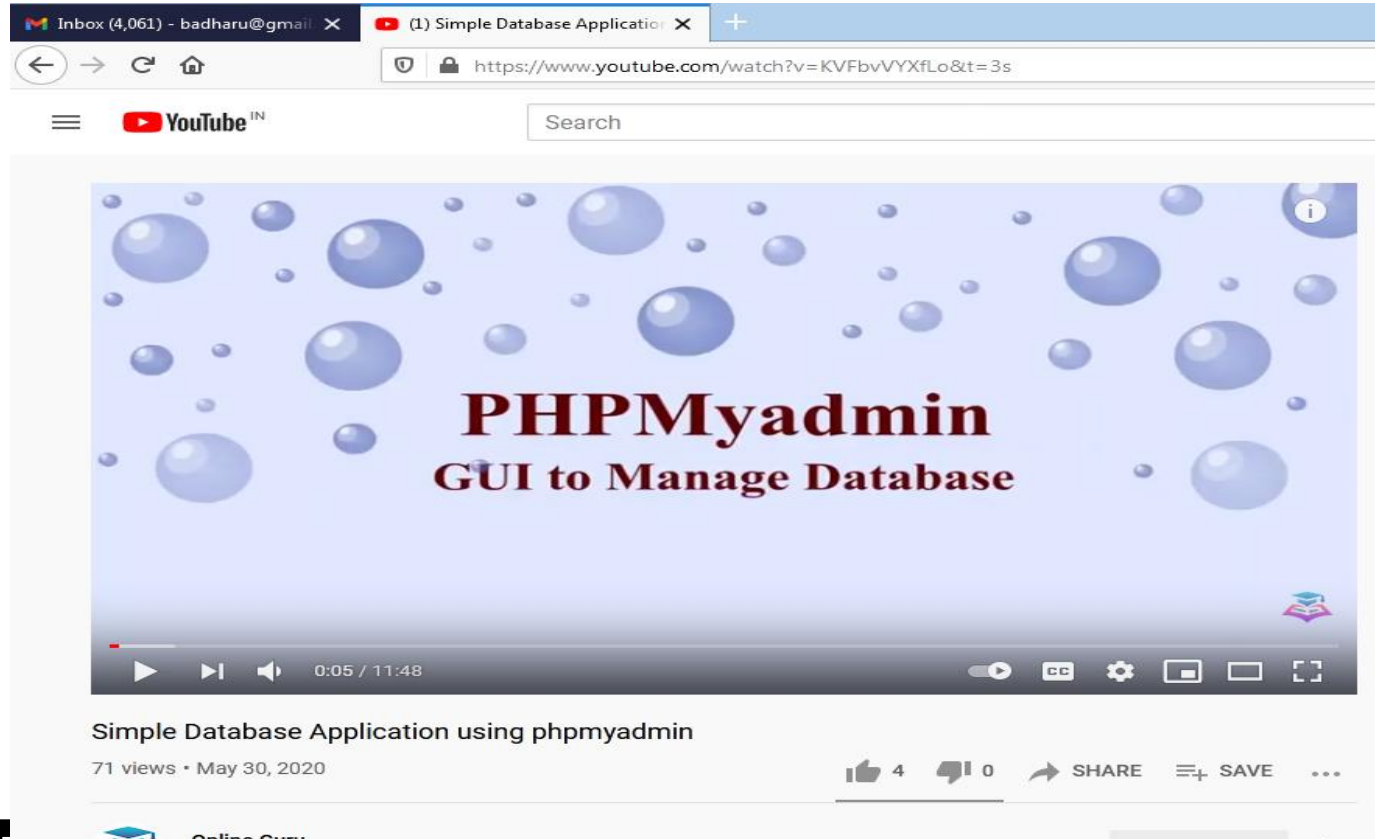
The screenshot shows a web browser with two tabs: 'Inbox (4,061) - badharu@gmail' and '(1) Online Guru - YouTube'. The address bar shows the URL 'https://www.youtube.com/channel/UCat498Kdirf0kpzNJc'. The YouTube interface displays the 'Online Guru' channel with 7 subscribers. The navigation bar includes 'HOME', 'VIDEOS', 'PLAYLISTS', 'CHANNELS', and 'DISCUSSIONS'. The left sidebar shows 'Home', 'Trending', 'Subscriptions', and 'Library'. The main content area shows the 'Uploads' section with a 'PLAY ALL' button. Two videos are listed:

Video Title	Duration	Views	Time
Simple Database Application using phpmyadmin	11:49	71 views • 8 months ago	
Simple PHP program using WAMP wamp server...	8:33	50 views • 8 months ago	

Youtube videos on Wamp Server and PHP by Badharudheen P, AP, IT Dept.

MES COLLEGE OF ENGINEERING, KUTTIPPURAM

YOUTUBE VIDEOS





YOUTUBE VIDEOS

1) - badharu@gmail x (1) Online Guru - YouTube x (5) WhatsApp x (1) Thanweer Gafoor - YouTube x

https://www.youtube.com/user/thanweerck

YouTube^{IN} Search



 **Thanweer Gafoor** [SUBSCRIBE](#)

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads ▶ PLAY ALL

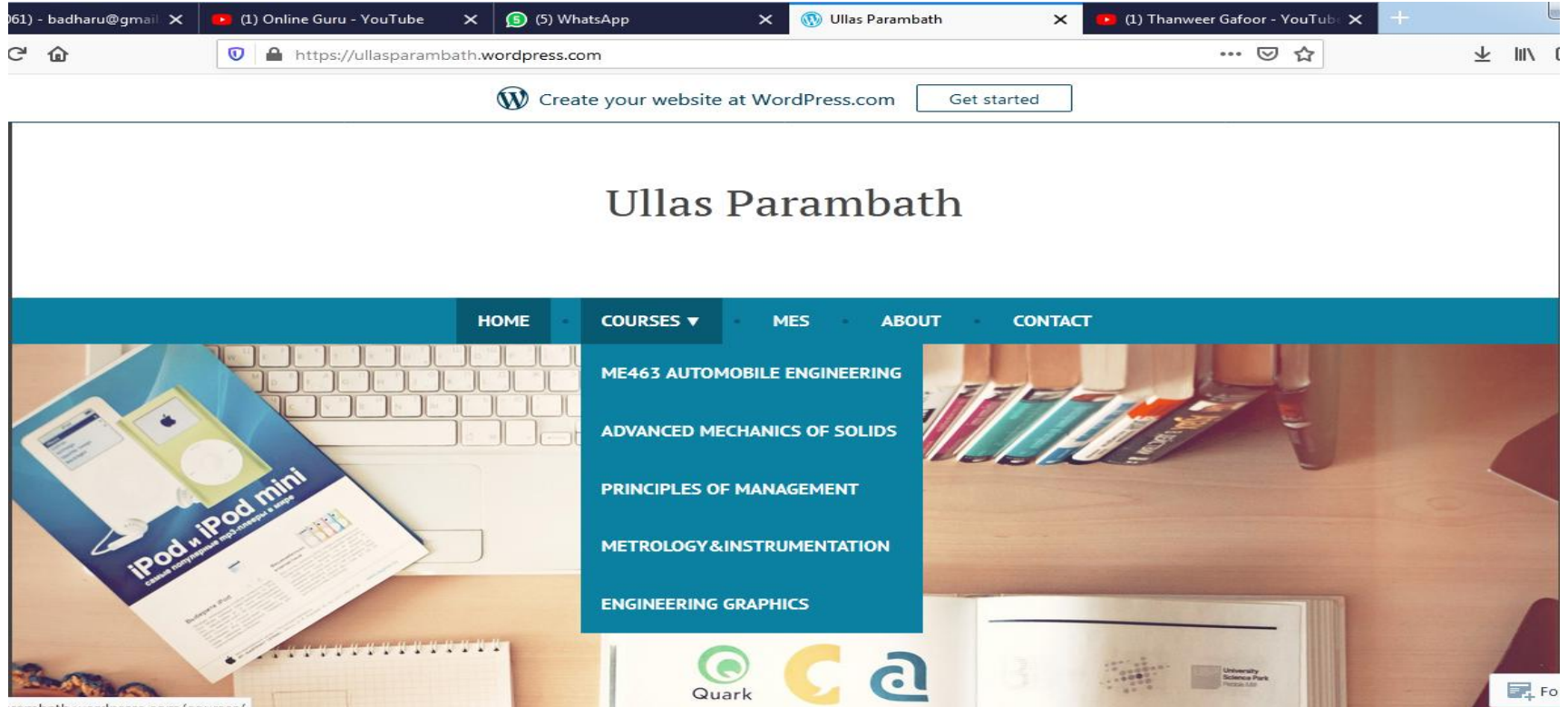
Video Title	Duration
EST130 BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING - ELECTRICAL Presented by: Thanweer Gafoor Module 2 - Lecture 2 - EST130 BASICS OF...	24:28
EST130 BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING - ELECTRICAL Presented by: Thanweer Gafoor Module 2 - Lecture 1 - BASIC TERMINOLOGY -...	32:07
EET283 INTRODUCTION TO POWER ENGINEERING Presented by: Thanweer Gafoor Module 5 - Tutorial 1 - INTRODUCTION TO POWER...	24:44
EET283 INTRODUCTION TO POWER ENGINEERING Presented by: Thanweer Gafoor Module 5 - Lecture 3 - INTRODUCTION TO POWER...	21:01
EE301 POWER GENERATION, TRANSMISSION AND PROTECTION Presented by: Thanweer Gafoor Module 6 - Tutorial 2 - POWER GENERATION....	14:31

Youtube videos by Thanweer Gafoor, AP, Dept. of EEE

MES COLLEGE OF ENGINEERING, KUTTIPPURAM



FACULTY WEBSITES & BLOGS



FACULTY WEBSITES & BLOGS



The screenshot shows a web browser with multiple tabs open. The active tab is 'Prof. Vishal Nair' with the URL <https://thevishalnair.blogspot.com/?m=1>. The blog header features the name 'Prof. Vishal Nair' and the title 'Assistant Professor Department of Mechanical Engineering MES College of Engineering, Kuttipuram'. Below the header are navigation buttons for 'BME', 'ECM', 'HRM', 'METROLOGY', and 'SUSTAINABLE'. The main content area displays two blog posts, both dated 'TUESDAY, 24 NOVEMBER 2020'. The first post is 'MCN 201 SUSTAINABLE ENGINEERING MODULE IV' with the subtitle 'MODULE IV'. The second post is 'MCN 201 SUSTAINABLE ENGINEERING MODULE III' with the subtitle 'SE MODULE III'. Both posts include a date 'at November 24, 2020', a 'No comments:' status, and social media sharing icons. The right sidebar contains a 'FOLLOW ME ON' section with an email subscription form, a 'SEARCH THIS BLOG' section with a search bar, and an 'ABOUT ME' section featuring a profile picture of Prof. Vishal Nair and his location 'THIRUVANANTHAPURAM, KERALA, India'. A 'BLOG ARCHIVE' section is also visible at the bottom of the sidebar. The footer of the browser shows the date 'SATURDAY, 3 OCTOBER 2020'.

Prof. Vishal Nair
Assistant Professor Department of Mechanical Engineering MES College of Engineering, Kuttipuram

BME ECM HRM METROLOGY SUSTAINABLE

TUESDAY, 24 NOVEMBER 2020

MCN 201 SUSTAINABLE ENGINEERING MODULE IV

MODULE IV

at November 24, 2020 No comments: 

Labels: SUSTAINABLE

MCN 201 SUSTAINABLE ENGINEERING MODULE III

SE MODULE III

at November 24, 2020 No comments: 

Labels: SUSTAINABLE

SATURDAY, 3 OCTOBER 2020

FOLLOW ME ON

Email address...

SEARCH THIS BLOG

Home

ECM

METROLOGY

ABOUT ME

 **Vishal Nair**
THIRUVANANTHAPURAM,
KERALA, India
[View my complete profile](#)

BLOG ARCHIVE

THANK YOU..

