



**J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY  
(AUTONOMOUS)**

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T.N.Palayam (Po), Gobi (Tk), Erode (Dt)-638 506



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

| S.No | Content   | Page No |
|------|---|---------|
| 1    | List of ICT tools used  | 2       |
| 2    | Delnet Books and Details  | 3-11    |
| 3    | NPTEL Local Chapter   | 12-14   |
| 4    | NDL-National Digital Library  | 15-19   |
| 5    | E-Shodh-Sindhu  | 20-21   |
| 6    | List of teachers using ICT  | 22-56   |
| 7    | The PPTs are enabled with animations and simulations are improve the effectiveness of teaching-learning process | 57      |
| 8    | Lab manuals are mailed to students well in advance the experiment is performed                                  | 58-61   |
| 9    | ICT tools enabled class rooms   | 62-65   |

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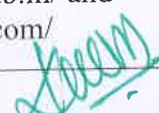


**1) List of ICT tools used**

- NPTEL Videos
- DELNET
- SWAYAM NPTEL Digital Library
- E-Books
- E-Journals
- Digital Library
- Remote access to E-Resources
- You tube animation and lecture videos
- Power point presentations
- ICT Tools enabled class rooms

**2) E –Resources**

| Sl. No | E-Resources                       | Link –Accessibility   |
|--------|-----------------------------------|---|
| 1      | DELNET-Developing library network | <a href="http://delnet.nic.in">http://delnet.nic.in</a>   |
| 2      | NDL-National Digital Library      | <a href="https://ndl.iitkgp.ac.in/">https://ndl.iitkgp.ac.in/</a>   |
| 3      | SWAYAM NPTEL LOCAL CHAPTER        | <a href="https://nptel.ac.in/LocalChapter/spoc_login/">https://nptel.ac.in/LocalChapter/spoc_login/</a>                   |
| 4      | Remote Access to E-Resources      | <a href="https://www.k-hub.in/">https://www.k-hub.in/</a>   |
| 5      | E-books & E-Journals              | <a href="https://www.k-hub.in/">https://www.k-hub.in/</a> and <a href="https://jgateplus.com/">https://jgateplus.com/</a> |

  
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## DELNET E-BOOKS

| SLNO | Name of the Department                    | E-Books |
|------|---|---------|
| 1    | Automobile Engineering                    | 15      |
| 2    | Civil Engineering                         | 20      |
| 3    | Computer Science and Engineering          | 15      |
| 4    | Electrical and Electronics Engineering    | 12      |
| 5    | Electronics and Communication Engineering | 15      |
| 6    | Mechanical Engineering                    | 16      |
| 7    | Information Technology                    | 12      |
| 8    | Master of Computer Applications           | 20      |
| 9    | Master of Business Administration         | 27      |
| 10   | M.E-Computer Science and Engineering      | 10      |
| 11   | M.E-Power Electronics and Drives          | 10      |
| 12   | M.E-Applied Electronics                   | 15      |
| 13   | M.E-Manufacturing Engineering             | 10      |

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**DELNET**  
*Developing Library Network*  
New Delhi  
[www.delnet.in](http://www.delnet.in)



***Certificate of Membership***

This certifies that

***J. K. K. Munirajah College of Technology  
Gobi, Erode District***

is an Institutional Member of

***DELNET – Developing Library Network***

and is entitled to all benefits and privileges pertaining thereto.

Membership Number ***IM – 1379*** has been renewed and next  
renewal is due on August 31, 2023



***Date of Issue: August 30, 2022***

Dr. Sangeeta Kaul  
Director  
DELNET, New Delhi

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### Tax Invoice

|   |   |                       |                  |
|---|---|-----------------------|------------------|
|   | <b>DELNET- Developing Library Network</b><br>Jawahar Lal Nehru University Campus<br>Nelson Mandela Road, Vasant Kunj<br>New Delhi-110070<br>GST IN/UN: 07/AAAD2288G1ZV<br>State Name : Delhi, Code : 07 | Invoice No.           | Dated            |
|   |   | DEL/2023-24/1751      | 21-Aug-23        |
| Buyer (Bill to)<br><b>J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY</b><br>THOONKANAICKEN PALAYAM (P.O)<br>GOBI (T K), ERODE<br>(DELNET MEM NO. 1379)<br>State Name : Tamil Nadu, Code : 33<br>Place of Supply : Tamil Nadu |   | DELNET MEM. No.       | Other References |
|   |   | IM-1379 dt. 21-Aug-23 |                  |
|   |   | Buyer's Order No.     | Dated            |
|   |   | Terms of Delivery     |                  |

| Sl No.       | Particulars      | HSN/SAC | GST Rate | Rate per | Amount             |
|--------------|------------------|---------|----------|----------|--------------------|
| 1            | LM FEE 2023-2024 | 998431  | 18 %     |          | 11,500.00          |
|              | IGST PAYABLE     |         |          | 18 %     | 2,070.00           |
| <b>Total</b> |                  |         |          |          | <b>₹ 13,570.00</b> |

Amount Chargable in words)

**Indian Rupees Thirteen Thousand Five Hundred Seventy Only**

| HSN/SAC      | Taxable Value |      | IGST             |                 | Total           |
|--------------|---------------|------|------------------|-----------------|-----------------|
|              | Value         | Rate | Amount           | Tax Amount      |                 |
| 998431       | 11,500.00     | 18%  | 2,070.00         | 2,070.00        |                 |
| <b>Total</b> |               |      | <b>11,500.00</b> | <b>2,070.00</b> | <b>2,070.00</b> |

Tax Amount (in words)

**Indian Rupees Two Thousand Seventy Only**

DELNET's Bank Details

Bank Name : **Central Bank of India**  
 A/c No. : **1065410882 (Saving Bank)**  
 Branch & IFS Code : **Khan Market Branch & CBIN0280310**  
 for DELNET- Developing Library Network

Company's PAN : **AAAD2288G**

Authorized Signatory

(New Delhi)

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No.: Receipt No.76198/2023-24

Dated 21-Aug-23



DELNET- Developing Library Network

Jawaharlal Nehru University Campus

Nelson Mandela Road, Vasant Kunj

New Delhi-110070

State Name: Delhi, Code: 07

**Receipt**

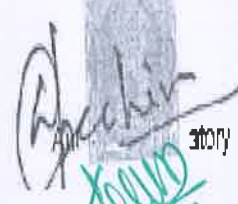
Received with thanks from : J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY  
THOOKKANAIKEN PALAYAM (P.O)  
GOBI (T.K), ERODE  
(DELNET MEM NO. 1379)

The sum of : Indian Rupees Thirteen Thousand Five Hundred Seventy Only

By : J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY; Canara Bank, India)  
Inter Bank Transfer 43208526 18-Aug-23 13,570.00

Remarks : AMOUNT RECEIVED TOWARDS ANNUAL INSTITUTIONAL MEMBERSHIP  
FEES FOR THE PERIOD 01-08-2023 TO 31-08-2024

\*\* ₹ 13,570.00/-

  
Principal  
JKK MUNIRAJAH COLLEGE  
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DELNET PROFILE PAGE SCREEN SHOT

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DELNET - Home x Search Home x +

← → ↻ 🔒 discovery1.delnet.in

All Fields All Location --Select Format-- Find

You are accessing union catalog of Books, Journals etc

Advanced

### Full-text Digital Library Resources

**Knowledge Gainer Portal**

Access Full Text E-books, E-journals, E-articles, etc.

**ViSiOn Portal**

Video Sites Online  
Broaden Your Knowledge & Horizons through ViSiOn

**COnCour Portal**

COnCour Portal - Online Courses

**Language Learning Portal**

English  
Foreign Languages

**E-JOURNALS (Full-Text)**

Aerospace Sciences E-journals  
Agriculture & Horticulture E-journals  
Architecture E-journals  
Arts and Commerce E-Journals  
Ayurveda E-journals

Windows taskbar: 09:59 AM 23/03/2023

DELNET RESOURCES PAGE SCREEN SHOT

*Handwritten Signature*  
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**DELNET E-BOOK**

| S No         | Name of the Subject               | E-Resources |
|--------------|-----------------------------------|-------------|
| 1            | <b>BUSINESS &amp; INVESTING</b>   |             |
|              | Accounting                        | 21          |
|              | Banks & Banking                   | 15          |
|              | Communications                    | 26          |
|              | Economics                         | 42          |
|              | Finance                           | 32          |
|              | Industries & Professions          | 07          |
|              | International Business            | 12          |
|              | Investing                         | 12          |
|              | Job Hunting & Careers             | 24          |
|              | Management & Leadership           | 22          |
|              | Marketing & Sales                 | 19          |
|              | Small Business & Entrepreneurship | 32          |
|              | <b>Total</b>                      | <b>264</b>  |
| 2            | <b>COMPUTERS &amp; INTERNET</b>   |             |
|              | Business & Culture                | 23          |
|              | Certification Central             | 23          |
|              | Computer Science                  | 32          |
|              | Databases                         | 19          |
|              | Digital Music                     | 13          |
|              | Graphic Design                    | 16          |
|              | Hardware                          | 06          |
|              | Home Computing                    | 14          |
|              | Microsoft                         | 18          |
|              | Networking                        | 37          |
|              | Operating Systems                 | 24          |
|              | Programming                       | 15          |
|              | Software                          | 08          |
|              | Web Development                   | 35          |
| <b>Total</b> | <b>283</b>                        |             |
| 3            | <b>ENGINEERING</b>                |             |
|              | Aerospace                         | 34          |
|              | Bioengineering                    | 22          |
|              | Chemical                          | 33          |

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|   |                                     |            |
|---|-------------------------------------|------------|
|   | Civil Engineering                   | 40         |
|   | Electrical Engineering              | 19         |
|   | Environmental Engineering           | 44         |
|   | Industrial Engineering              | 19         |
|   | Mechanical Engineering              | 23         |
|   | Reference                           | 46         |
|   | Materials Science                   | 25         |
|   | <b>Total</b>                        | <b>306</b> |
|   | <b>MATHEMATICS</b>                  |            |
| 4 | Abstract Algebra                    | 30         |
|   | Analysis & Calculus                 | 31         |
|   | Applied                             | 44         |
|   | Category Theory                     | 34         |
|   | Discrete Mathematics                | 24         |
|   | Elementary Algebra & Trigonometry   | 21         |
|   | Geometry & Topology                 | 24         |
|   | History                             | 19         |
|   | Linear Algebra                      | 26         |
|   | Mathematical Proofs                 | 14         |
|   | Philosophy                          | 07         |
|   | Popular                             | 27         |
|   | Probability & Statistics            | 35         |
|   | Pure Mathematics                    | 06         |
|   | Study & Teaching                    | 12         |
|   | Mathematical Physics                | 60         |
|   | Math Games                          | 15         |
|   | Mathematical & statistical software | 13         |
|   | TeX/LaTeX                           | 16         |
|   | <b>Total</b>                        | <b>458</b> |
|   | <b>SCIENCE &amp; HUMANITIES</b>     |            |
| 5 | English as a Foreign Language       | 20         |
|   | Linguistics                         | 32         |
|   | Chemistry                           | 46         |
|   | Earth Sciences                      | 16         |
|   | Physics                             | 16         |

*[Signature]*



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|  |   |                |             |
|--|---|----------------|-------------|
|  | Systems Theory                          | 07             |             |
|  | Technology                              | 10             |             |
|  | Mathematics                             | 30             |             |
|  | Computer Science                        | 32             |             |
|  | Scientific Biographies & Memoirs        | 17             |             |
|  | Foreign Languages                       | 29             |             |
|  | <b>Total</b>                            | <b>255</b>     |             |
|  | <b>JOURNALS</b>                         |                |             |
|  | Chemical (35)                           | 35             |             |
|  | Computer Science (313)                  | 33             |             |
|  | Construction (16)                       | 16             |             |
|  | Electrical and nuclear Engineering (59) | 59             |             |
|  | Environmental Engineering (9)           | 09             |             |
|  | Environmental Technology (9)            | 09             |             |
|  | General and Civil engineering (147)     | 147            |             |
|  | Hydraulic Engineering (4)               | 01             |             |
|  | Industrial Engineering (18)             | 18             |             |
|  | Manufactures (10)                       | 10             |             |
|  | Materials (37)                          | 37             |             |
|  | Mechanical Engineering (39)             | 39             |             |
|  | Mining and Metallurgy (14)              | 14             |             |
|  | Technology (General) (91)               | 91             |             |
|  | Transportation (29)                     | 29             |             |
|  | Business & Management (229)             | 229            |             |
|  | <b>Total</b>                            | <b>776</b>     |             |
|  | <b>DELNET - BOOKS</b>                   | <b>TOTAL/</b>  | <b>1566</b> |
|  | <b>DELNET - JOURNALS</b>                | <b>VOLUMES</b> | <b>1059</b> |

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## NPTEL Local Chapter

The screenshot shows a web browser window with the NPTEL website. The address bar shows the URL: archive.nptel.ac.in/courses/108/106/108106190/. The page header includes the NPTEL logo and navigation links: About us, Courses, Contact us. The main content area displays course details for 'Introduction - Optical Wireless Communications for Beyond 5G Networks and IoT (Video)'. The course is co-ordinated by IIT Madras and is available from 2022-11-09. The page is divided into sections: 'Modules / Lectures' on the left and 'Watch on YouTube' on the right. The 'Watch on YouTube' section shows a video player for the 'Introduction' video, which is 10:52 minutes long. The video player includes a progress bar, volume control, and a 'Share' button. The 'Modules / Lectures' section lists the following topics: Intro Video, week-01 (Introduction to Optical Wireless Communications (OWC), Basics of Lighting System, Optical Sources (LED)), week-02, week-03, week-05, and week-06. The Windows taskbar at the bottom shows the system tray with the date 23/03/2023 and time 11:54 AM.

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To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 7.


[Learn more](#)

## JKK Munirajah College of Technology


TN Palayam

- Search
- Book Request
- Login
- Resources

|                                |   |
|--------------------------------|---|
| Member ID*                     | <input type="text" value="ECE007"/>                     |
| Member Name*                   | <input type="text" value="U.SASIKALA"/>                 |
| Library                        | <input type="text" value="Main library"/>               |
| Title of the Book*             | <input type="text" value="Linear Integrated Circuits"/> |
| Author(s)                      | <input type="text" value="D. Ray Choudhury"/>           |
| Publisher                      | <input type="text" value="New Age International"/>      |
| Year of Publication            | <input type="text" value="2006"/>                       |
| URL for Additional Information | <input type="text"/>                                    |
| Brief nature of Contents       | <input type="text"/>                                    |
| Sender's Email-id              | <input type="text" value="sasikalau@jkkmet.edu.in"/>    |



LIBRARY REMOTE BOOK REQUEST SCREEN SHOT

  
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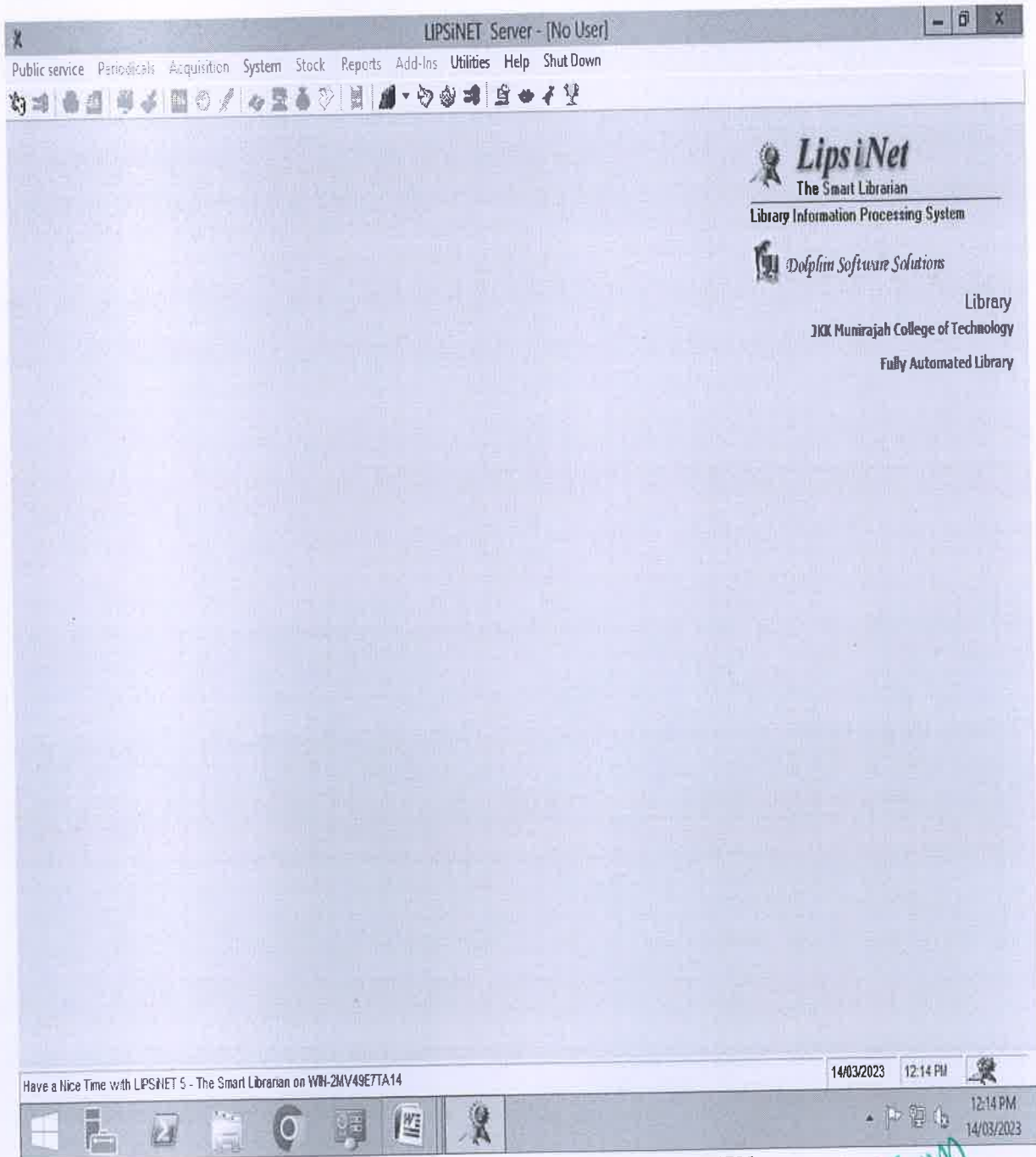


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**LIBRARY SOFTWARE OPEN MENU SCREEN**

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## NDL-National Digital Library

The screenshot shows a web browser window with two tabs: 'ndli-club-uf' and 'National Digital Library of India'. The address bar shows 'ndli.itkgp.ac.in'. The website header includes navigation links for 'Browse', 'Search', 'NEW Copyright Guide', 'NDLI Club', 'Language', and a user profile for 'SUNDARESWARAN N'. The main banner features the NDL logo and the text 'National Digital Library of India' and 'One Library All of India'. A search bar indicates 'Search over 79,312,815 resources'. Below the banner are three sections: 'STUDY AT HOME' with links for School, CBSE Examination Preparatory, Engineering, Science, Humanities, Literature, and Law & Management; 'COVID-19 RESEARCH REPOSITORY' with links for Scholarly Publications, Data Sets, Documents & Videos, Journals & Conferences, Ideas & Funding, and Challenges & Startup; and 'FEATURED COLLECTIONS' with links for Birth Centenary of Satyajit Ray and Topic of the Week: Bhopal Gas Tragedy. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the date '02/12/2021' and time '4:35 PM'.

*[Handwritten Signature]*

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**NATIONAL DIGITAL LIBRARY (NDL) PROFILE PAGE SCREEN SHOT**

The screenshot shows a web browser window with the URL <https://ndl.iitkgp.ac.in>. The page displays the user profile for SUNDARESWARAN N. A modal window titled "Change Settings" is open, showing the following information:

- Personal information** (selected tab)
- First name: SUNDARESWARAN
- Last name: N
- Date of birth: 1969-04-17
- Gender:  Male  Female  Other
- State: Tamil Nadu
- City: ERODE
- Educational role: UG and PG
- Language: English
- Institute name: J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY
- Current password: Enter current password

Buttons for "Save" and "Cancel" are visible at the bottom of the modal.

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**NATIONAL DIGITAL LIBRARY (NDL) PROFILE PAGE SCREEN**

The screenshot shows the J-Gate website interface. At the top, there is a navigation bar with the J-Gate logo, the college name 'JKK Munirajah College of Technology', and links for 'My J-Gate', 'Logout', and 'Help'. Below this is a secondary navigation bar with 'All', 'My Library', and 'My Favourite' options. The main content area features a search bar and several filters. On the left, there are sections for 'Filter Results By' (with an 'Apply Filters' button), 'Browse By Publication Type' (with 'Journals' selected), 'Browse By Category' (with options like 'Peer-Reviewed/Scholarly', 'Professional & Industry', 'Only Indian Journals', 'Open Access', and 'Hybrid Open Access'), 'Browse By Ranking' (with options like 'SJR', 'H-index', and 'NAAS'), and 'Browse By Subjects'. The main search results area shows 'Results Showing 1-10 of 38,638' and a search bar. Below this is a table of results:

| Sl. No. | Title   | Sort by | Country |
|---------|---|---------|---------|
| 1       | 21st Century Science and Technology<br>Type: Journals               | Ranking | US      |
| 2       | 2D Materials<br>Type: Journals<br>SJR:2.702 ; H-Index:72.0          |         | GB      |
| 3       | 3 Biolech<br>Type: Journals<br>SJR:0.557 ; H-Index:37.0 ; NAAS:8.41 |         | DE      |
| 4       | 3C ON-LINE<br>Type: Journals  |         |         |

At the bottom of the page, there is a Windows taskbar showing the system tray with the date and time: 01:15 AM, 11/02/2023. A 'Send message' button is visible in the bottom right corner of the search results area.

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## J-GATE BASIC SEARCH PAGE SCREEN SHOT

The screenshot shows a web browser window with the address bar displaying "k-hub.in e library | A single platform" and "k-hub.in/Profile". A notification banner at the top indicates that Windows 10 or later is required for future updates. The page header includes the "Knowledge Hub" logo, a welcome message, the college name "J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY", and the user ID "KB3473ED". The main content area is titled "Subscriptions" and features a card for "K-HUB" with the text: "Your subscription is activated and will expire on: May 06 2024". Below this, there are buttons for "ENGINEERING" and "THE LIBRARY & SCIENCES". A user profile sidebar on the right shows the user's name "KB3473ED", a profile picture, and login details: "you are 117.200.77.143 logged with IP:", "Contacts Person: N/A", "Contacts Email: N/A", and "Contacts No.: N/A". The Windows taskbar at the bottom shows the date and time as 10:51 AM on 23/03/2023.

*[Signature]*  
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## K-HUB PROFILE PAGE SCREEN SHOT

Lips iNET OPAC - Online Public Access Catalog

Search Books in Library

Main library

New Search How to Search? Exit

Search Criteria

Consider Criteria 2 while Searching

Criteria 2 Operator Or

Criteria 1

Accession No Accession No  
Title Title  
Author Author  
Publisher Publisher  
Department Department  
Call Number Call Number  
Subject Subject  
Keyword Keyword  
Acquisition Type Acquisition Type  
ISBN ISBN  
All Location Library

Selection For Criteria 1

Keyword for Title  
ENGINEERING THERMODYNAMICS

Item(s) Found Search

Available

Search also in Keywords For Fancy Titles [Click Here to Print the Grid](#) Search Direction Both

Online Public Access Catalog Sort by

Acc. No Title

Search Library : Main library  
Search Condition : [Title like 'ENGINEERING THERMODYNAMICS']

| Acc. No | Book Title                                | Author                        | Location    | Call No. |
|---------|---|-------------------------------|-------------|----------|
| 14318   | CHEMICAL ENGINEERING THERMODYNAMICS       | J GNANAVADIVEL , C SENTHIL... | MECH R3 LR3 | 0        |
| 16592   | ENGINEERING THERMODYNAMICS                | STEVEN L KRAMER               | MECH R3 LR3 | 0        |
| 16663   | ENGINEERING THERMODYNAMICS                | ALAN V OPPENHEIM , ALAN S ... | MECH R1 LR5 | 0        |
| 16664   | ENGINEERING THERMODYNAMICS                | ALAN V OPPENHEIM , ALAN S ... | MECH R1 LR5 | 0        |
| 16747   | A TEXT BOOK OF ENGINEERING THERMODYNAM... | T S MADHAVA RAO               | MECH R1 LR5 | 0        |
| 16763   | ENGINEERING THERMODYNAMICS                | HAROLD KOONTZ , HEINZ WE...   | MECH R1 LR5 | 0        |
| 16914   | ENGINEERING THERMODYNAMICS                | TYLER G HICKS                 | MECH R1 LR5 | 0        |
| 16915   | ENGINEERING THERMODYNAMICS                | U C JINDAL                    | MECH R1 LR5 | 0        |
| 16916   | ENGINEERING THERMODYNAMICS                | U C JINDAL                    | MECH R1 LR5 | 0        |
| 16917   | ENGINEERING THERMODYNAMICS                | U C JINDAL                    | MECH R1 LR5 | 0        |
| 16978   | ENGINEERING THERMODYNAMICS                | UPENDRA KACHRU                | MECH R1 LR5 | 0        |
| 17285   | ENGINEERING THERMODYNAMICS                | WALTER GORALSKI               | MECH R1 LR5 | 0        |
| 17286   | ENGINEERING THERMODYNAMICS                | WAMAN S JAWADEKAR             | MECH R1 LR5 | 0        |
| 17287   | ENGINEERING THERMODYNAMICS                | WAYNE L WINSON                | MECH R1 LR5 | 0        |
| 17288   | ENGINEERING THERMODYNAMICS                | WAYNE LEWIS                   | MECH R1 LR5 | 0        |

Expand Details by

Accession No Book Title Title And Author

Show

Full Details Transaction Details Catalogue

Book Content Digital Clips

Details... Print

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LIBRARY OPAC VIEW SCREEN

*[Signature]*

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**E-SHODH SINDHU**

Search results - librarian@jkkmct x E-ShodhSindhu: Consortium for x

ess.inflibnet.ac.in/oes/memberhome.php

**Online e-Resource Requisition System**

Online e-Resource Requisition System >> Institute Profile

Welcome JKK Munirajah College of Technology Logged in as librarian@jkkmct.edu.in | Change Password | Logout

[Institute Profile](#) [Survey Details](#) [Negotiated Status](#) [Subscribed E-Resources](#) [ONOS Survey](#)

[ONOS Survey Manual](#)

### Institute Profile


#### One Nation One Subscription (ONOS) Survey

The Office of Principal Scientific Adviser to the Government of India is working on the One Nation One Subscription (ONOS) Initiative. As part of the Initiative, the PSA office has asked to collect overlapped e-resources (e-journals) subscribed through various consortium and Ministry/Departments/Institutions in India and expenditure details on e-Journals by Academic Institutions. In this regard all the institutions are requested to kindly submit their subscription details for the year 2021 through an online survey. [Take Survey >>](#)

JKK Munirajah Coll...pdf JKK Munirajah Coll...pdf Inv-JKK Munirajah...pdf Show all X

03:01 PM  
08/04/2022

**E-SHODH SINDHU PROFILE PAGE SCREEN SHOT**

  
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### E-SHODH SINDHU MEMBERSHIP SEARCH PAGE SCREEN SHOT

Members

You may search for institute name or city or state name

J.K.K.M, UNIRAJAH COLLEGE OF TECHNOLOGY

Search

| Univ                                    | CFTI                      |
|---|---------------------------|
| 12 (B) / 2 (T) State Universities (137) | NITs, SLIET & NERIST (52) |
| Central Universities (42)               | IITs & IISc (24)          |
| Deemed Universities (UGC funded) (20)   | IIMs (21)                 |

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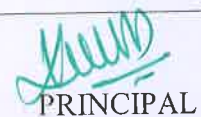
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2.3.2. Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E- Learning resources etc.

| S. No | PROGRAMME NAME                          | NUMBER OF FACULTY |
|-------|---|-------------------|
| 1     | Automobile Engineering                  | 5                 |
| 2     | Civil Engineering                       | 6                 |
| 3     | Computer Science and Engineering        | 12                |
| 4     | Electrical and Electronics Engineering  | 11                |
| 5     | Electronics & Communication Engineering | 10                |
| 6     | Mechanical Engineering                  | 11                |
| 7     | B.Tech. Information Technology          | 9                 |
| 8     | Master of Computer Applications         | 3                 |
| 9     | Master of Business Administration       | 6                 |
| 10    | Science and Humanities                  | 18                |

  
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**DEPARTMENT OF AUTOMOBILE ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY   | DESIGNATION                                       |
|------|-----------------------|---|
| 1    | Mr.V.MAGESH           | HEAD OF THE<br>DEPARTMENT /ASSISTANT<br>PROFESSOR |
| 2    | Mr. V.P.ARUL MURUGAN. | ASSISTANT PROFESSOR                               |
| 3    | Mr.K.GOPALAKRISHNAN.  | ASSISTANT PROFESSOR                               |
| 4    | Mr.S.GANESH KUMAR.    | ASSISTANT PROFESSOR                               |
| 5    | Mr.P.ESWARAN          | ASSISTANT PROFESSOR                               |

  
HOD  
(Mr.V.MAGESH)

  
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| Programme code / Name : 102 Automobile Engineering |                     |   |  |   |
|--|---------------------|---|--|---|
| Sl. No   | Name Of The Faculty | Name Of The Subject Handling  | Topics Covered   | E Resources   |
| 1  | Mr.V.MAGESH         | CE8395-<br>STRENGTH OF<br>MATERIALS<br>FOR<br>MECHANICAL<br>ENGINEERS | THEORY OF SIMPLE<br>BENDING                                  | <a href="https://youtu.be/0H_cNY4TvM">https://youtu.be/0H_cNY4TvM</a>   |
|  |                     |   | SPHERICAL SHELLS<br>SUBJECTED TO<br>INTERNAL PRESSURE        | <a href="https://youtu.be/lG0Jek1D6Sc">https://youtu.be/lG0Jek1D6Sc</a>   |
| 2  | Mr.V.P.ARULMURUGAN  | AU3303-<br>AUTOMOTIVE<br>ENGINES                                      | ELECTRONIC FUEL<br>INJECTION                                 | <a href="https://youtu.be/6EWDT03Xsoc?si=dPqXk-kBJXAPM2zl">https://youtu.be/6EWDT03Xsoc?si=dPqXk-kBJXAPM2zl</a>   |
|  |                     |   | SPLIT AND MULTIPLE<br>INJECTION                              | <a href="https://youtu.be/w-44T7pQuwE?si=Yec6qFHHX_lcMIwvH">https://youtu.be/w-44T7pQuwE?si=Yec6qFHHX_lcMIwvH</a> |
| 3  | Mr.K.GOPALAKRISHNAN | AU3302 -<br>AUTOMOTIVE<br>HYDRAULICS<br>AND MACHINERY                 | BURNED AND<br>UNBURNED MIXTURE<br>STATES                     | <a href="https://youtu.be/rA39WBQFRS0?si=4K7B0j28-lbfy7oY">https://youtu.be/rA39WBQFRS0?si=4K7B0j28-lbfy7oY</a>   |
| 4  | Mr.S.GANESH KUMAR   | AU3301 -<br>THERMODYNAMICS<br>AND HEAT<br>TRANSFER                    | FORMATION OF<br>STEAM AND ITS<br>THERMODYNAMIC<br>PROPERTIES | <a href="https://youtu.be/7M3iuhkkgPg?si=zXfs7OQ0-Ebj17qM">https://youtu.be/7M3iuhkkgPg?si=zXfs7OQ0-Ebj17qM</a>   |
| 5  | Mr.P.ESWARAN        | AU3404 -<br>AUTOMOTIVE<br>TRANSMISSION                                | MULTISTAGE AND<br>POLY-PHASE TORQUE<br>CONVERTERS            | <a href="https://youtu.be/pO4-G4V41F4?si=mJIJ9U5QifhWb4ed">https://youtu.be/pO4-G4V41F4?si=mJIJ9U5QifhWb4ed</a>   |

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**DEPARTMENT OF CIVIL ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION            |
|------|---------------------|------------------------|
| 1    | Mrs.V.MOHANAPRIYA   | HEAD OF THE DEPARTMENT |
| 2    | Mr.G.RUTHISHKUMAR   | ASSISTANT PROFESSOR    |
| 3    | Mr.R.VENKATESH      | ASSISTANT PROFESSOR    |
| 4    | Ms.V.SATHIYAPRIYA   | ASSISTANT PROFESSOR    |
| 5    | Mrs.P.REENA         | ASSISTANT PROFESSOR    |
| 6    | Mr.R.NANDHAKUMAR    | ASSISTANT PROFESSOR    |

HOD  
(Mrs.V.MOHANAPRIYA)

**HEAD OF THE DEPARTMENT**

Department of Civil

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Palayam - 638 506

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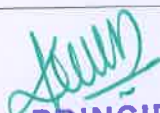
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Programme code / Name : 105 Civil Engineering

| Sl. No | Name Of The Faculty | Name Of The Subject Handling                            | Topics Covered                         | E Resources   |
|--------|---------------------|---|--|---|
| 1      | Mrs.V.MOHANAPRIYA   | ME3351-ENGINEERING MECHANICS                            | EQUILIBRIUM OF RIGID BODIES            | <a href="https://youtu.be/ljDIIMvx-eg?si=UMu1LiyzcsF83sO0">https://youtu.be/ljDIIMvx-eg?si=UMu1LiyzcsF83sO0</a> |
|        |                     | CE3502 -STRUCTURAL ANALYSIS II                          | INFLUENCE LINES FOR DETERMINATE BEAMS  | <a href="https://youtu.be/MIIrhMNxHC4?si=mV4ykeorU_kUvn8f">https://youtu.be/MIIrhMNxHC4?si=mV4ykeorU_kUvn8f</a> |
| 2      | Mr.G.RUTHISHKUMAR   | CE3503-FOUNDATION ENGINEERING                           | SHALLOW FOUNDATION                     | <a href="https://youtu.be/lsYFtwlHIw?si=wRjL2xOxQjAbSh0L">https://youtu.be/lsYFtwlHIw?si=wRjL2xOxQjAbSh0L</a>   |
|        |                     | CE8702-RAILWAYS, AIRPORTS,DOCKS AND HARBOUR ENGINEERING | RAILWAY CONSTRUCTION AND MAINTENANCE   | <a href="https://youtu.be/37WMS483T7Y?si=vpLUC_f8CqfgeNcR">https://youtu.be/37WMS483T7Y?si=vpLUC_f8CqfgeNcR</a> |
| 3      | Mr.R.VENKATESH      | CE8703-STRUCTURAL DESIGN AND DRAWING                    | FLAT SLAB AND BRIDGES                  | <a href="https://youtu.be/pldaC_16H_M?si=qDnV2g4dy9ANKOOH">https://youtu.be/pldaC_16H_M?si=qDnV2g4dy9ANKOOH</a> |
|        |                     | CE8601-DESIGN OF STEEL STRUCTURAL ELEMENTS              | CONNECTIONS IN STEEL STRUCTURES        | <a href="https://youtu.be/FcAlglloe8U?si=ScFnd4VrNKNOFJNr">https://youtu.be/FcAlglloe8U?si=ScFnd4VrNKNOFJNr</a> |
| 4      | Ms.V.SATHIYA PRIYA  | CE8701-ESTIMATION, COSTING AND VALUATION ENGINEERING    | CONTRACTS                              | <a href="https://youtu.be/XqlzTcT7ZKg?si=sZPBnwbXUk0Vqra">https://youtu.be/XqlzTcT7ZKg?si=sZPBnwbXUk0Vqra</a>   |
|        |                     | CE8604-HIGHWAY ENGINEERING                              | GEOMETRIC DESIGN OF HIGHWAYS           | <a href="https://youtu.be/2VehMMP70HE?si=S8ocBtxl82cP_g9-">https://youtu.be/2VehMMP70HE?si=S8ocBtxl82cP_g9-</a> |
| 5      | Mrs.P.REENA         | CE3501-DESIGN OF RCC ELEMENTS                           | INTRODUCTION                           | <a href="https://youtu.be/pldaC_16H_M?si=E7bJE3FCjnFGJXaR">https://youtu.be/pldaC_16H_M?si=E7bJE3FCjnFGJXaR</a> |
|        |                     | CE3401-APPLIED HYDRAULICS ENGINEERING                   | UNIFORM FLOW                           | <a href="https://youtu.be/tmzlnxHyyFk?si=L36erAsAhHuf-q5z">https://youtu.be/tmzlnxHyyFk?si=L36erAsAhHuf-q5z</a> |
| 6      | Mr.R.NANDHAKUMAR    | CE3303-WATER SUPPLY ENGINEERING                         | WATER TREATMENT                        | <a href="https://youtu.be/fHrxhuMQQnE?si=ACE_R7KPxJR8EHS8">https://youtu.be/fHrxhuMQQnE?si=ACE_R7KPxJR8EHS8</a> |
|        |                     | GE8076-PROFESSIONAL ETHICS IN ENGINEERING               | ENGINEERING ETHICS                     | <a href="https://youtu.be/EVWcuFXeSgk?si=SFQilbisNtkXO02">https://youtu.be/EVWcuFXeSgk?si=SFQilbisNtkXO02</a>   |
| 7      | Ms.V.SATHIYA PRIYA  | CE3351-SURVEYING AND LEVELLING                          | FUNDAMENTALS OF CONVENTIONAL SURVEYING | <a href="https://youtu.be/chhuq_t40rY?si=3Q8LpYJpetM-aFv">https://youtu.be/chhuq_t40rY?si=3Q8LpYJpetM-aFv</a>   |

  
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|   |                      |  |   |   |
|---|----------------------|--|---|---|
|   |                      | CE3403-CONCRETE TECHNOLOGY                             | CEMENT-COMPOSITION                                    | <a href="https://youtu.be/cx5gPKp9QEc?si=XbqUJ76yxyGdB4hG">https://youtu.be/cx5gPKp9QEc?si=XbqUJ76yxyGdB4hG</a> |
| 8 | Mrs.P.REENA AP/CIVIL | CONSTRUCTION, PLANNING AND SCHEDULING                  | PROJECT PLANNING AND CONTROL                          | <a href="https://youtu.be/W2EdffbwgcM?si=UAnLGH3SmdRKOCkV">https://youtu.be/W2EdffbwgcM?si=UAnLGH3SmdRKOCkV</a> |
|   |                      | CE8020-MAINTENANCE, REPAIR & REHABILITATION STRUCTURES | REPAIR, REHABILITATION AND RETROFITTING OF STRUCTURES | <a href="https://youtu.be/taa4Fq-ferQ?si=T7m27dp_G639S9dC">https://youtu.be/taa4Fq-ferQ?si=T7m27dp_G639S9dC</a> |

  
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**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS**

| S.NO | NAME OF THE FACULTY | DESIGNATION              |
|------|---------------------|--------------------------|
| 1    | Dr.K.SRIDHARAN      | PRINCIPAL                |
| 2    | Dr.N.SATHYABALAJI   | ASSOCIATE PROFESSOR(HOD) |
| 3    | Dr.B.MANOOJKUMAAR   | ASSISTANT PROFESSOR      |
| 4    | Mr.S.VINOTHAN       | ASSISTANT PROFESSOR      |
| 5    | Mrs.M.C.SAVITHRI    | ASSISTANT PROFESSOR      |
| 6    | Mr.S.SATHEESH       | ASSISTANT PROFESSOR      |
| 7    | Mr.S.DHARANITHARAN  | ASSISTANT PROFESSOR      |
| 8    | Mr.E.ANANTH         | ASSISTANT PROFESSOR      |
| 9    | Ms.V.NIROSHA        | ASSISTANT PROFESSOR      |
| 10   | Mr.R.GNANASEKAR     | ASSISTANT PROFESSOR      |
| 11   | Mrs.P.SASIREKA      | ASSISTANT PROFESSOR      |
| 12   | Mrs.P.POORNAPRIYA   | ASSISTANT PROFESSOR      |

HOD

(Dr.N.SATHYABALAJI)

Head of the Department  
Department of CSE  
J.K.K. Munirajah College of Technology  
T.N. Palayam - 638 506

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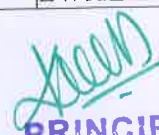
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Programme code / Name: Department of Computer Science and Engineering

| S.No | Name Of The Faculty | Name Of The Subject Handling             | Topics Covered                     | E Resources   |
|------|---------------------|--|------------------------------------|---|
| 1    | Dr.N.SATHYABALAJI   | CS8078-GREEN COMPUTING                   | GREEN SUPPLY CHAINS                | <a href="https://www.youtube.com/watch?v=qK9h-pSiwmo">https://www.youtube.com/watch?v=qK9h-pSiwmo</a> |
|      |                     |  | GREEN ENTERPRISE ARCHITECTURE      | <a href="https://www.youtube.com/watch?v=9TVc32M_gIY">https://www.youtube.com/watch?v=9TVc32M_gIY</a> |
| 2    | Dr.S.B.MANOOJKUMAR  | CS8651-INTERNET PROGRAMMING              | WEB ESSENTIALS                     | <a href="https://www.youtube.com/watch?v=svlcpRIJ814">https://www.youtube.com/watch?v=svlcpRIJ814</a> |
|      |                     |  | JAVA SERVLET ARCHITECTURE          | <a href="https://www.youtube.com/watch?v=hnq6rKrcraE">https://www.youtube.com/watch?v=hnq6rKrcraE</a> |
| 3    | Mr.K.S.VINOTHAN     | CS8603-DISTRIBUTED SYSTEMS               | KNAPP'S CLASSIFICATION             | <a href="https://www.youtube.com/watch?v=_qGF105dU1k">https://www.youtube.com/watch?v=_qGF105dU1k</a> |
|      |                     |  | CONSENSUS AND AGREEMENT ALGORITHMS | <a href="https://www.youtube.com/watch?v=LrLqMZzS6KA">https://www.youtube.com/watch?v=LrLqMZzS6KA</a> |
| 4    | Mrs.M.C.SAVITHRI    | CS3451-INTRODUCTION TO OPERATING SYSTEMS | OPERATING SYSTEM STRUCTURES        | <a href="https://www.youtube.com/watch?v=XXPB120J22w">https://www.youtube.com/watch?v=XXPB120J22w</a> |
|      |                     |  | CPU SCHEDULING-                    | <a href="https://www.youtube.com/watch?v=YyCzBG_bd3s">https://www.youtube.com/watch?v=YyCzBG_bd3s</a> |
| 5    | Mr.S.SATHEESH       | CS8691-ARTIFICIAL INTELLIGENCE           | FIRST ORDER PREDICATE LOGIC        | <a href="https://www.youtube.com/watch?v=wD6-My8mL-U">https://www.youtube.com/watch?v=wD6-My8mL-U</a> |
|      |                     |  | ARCHITECTURE OF INTELLIGENT AGENTS | <a href="https://www.youtube.com/watch?v=3Xj4ajpmhNU">https://www.youtube.com/watch?v=3Xj4ajpmhNU</a> |
| 6    | Mr.S.DHARANITHARAN  | CS8501-THEORY OF COMPUTATION             | REGULAR EXPRESSION                 | <a href="https://www.youtube.com/watch?v=9FG0REWfuL0">https://www.youtube.com/watch?v=9FG0REWfuL0</a> |

  
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|    |                    |   |                                  |   |
|----|--------------------|---|----------------------------------|---|
|    |                    |   | NORMAL FORMS FOR CFG             | <a href="https://www.youtube.com/watch?v=zTNmlnzDKUg">https://www.youtube.com/watch?v=zTNmlnzDKUg</a> |
| 7  | Mr.E.ANANTH        | CS8602-COMPILER DESIGN                        | HEAP MANAGEMENT                  | <a href="https://www.youtube.com/watch?v=ITPUOItGoz8">https://www.youtube.com/watch?v=ITPUOItGoz8</a> |
|    |                    |   | DAG                              | <a href="https://www.youtube.com/watch?v=eWleNdT92VM">https://www.youtube.com/watch?v=eWleNdT92VM</a> |
| 8  | Mrs.V.NIROSHA      | CS8601 MOBILE COMPUTING                       | INTRODUCTION TO MOBILE COMPUTING | <a href="https://www.youtube.com/watch?v=5kBknJWi71Q">https://www.youtube.com/watch?v=5kBknJWi71Q</a> |
|    |                    |   | MULTIPLEXING                     | <a href="https://www.youtube.com/watch?v=HB0eKKmnE78">https://www.youtube.com/watch?v=HB0eKKmnE78</a> |
| 9  | MR.R.GNANA SEKAR   | CP4252-MULTICORE ARCHITECTURE AND PROGRAMMING | SMID SYSTEMS                     | <a href="https://www.youtube.com/watch?v=YuUMCVX3UVE">https://www.youtube.com/watch?v=YuUMCVX3UVE</a> |
|    |                    |   | DEADLOCKS AND LIVELOCKS          | <a href="https://www.youtube.com/watch?v=c1PPKgYJC10">youtube.com/watch?v=c1PPKgYJC10</a>             |
| 10 | Mr.P.SASIREKA      | CS4301-ALGORITHMS                             | DIJKSTRA'S ALGORITHM             | <a href="https://www.youtube.com/watch?v=lg4LsKnTsQA">https://www.youtube.com/watch?v=lg4LsKnTsQA</a> |
|    |                    |   | HAMILTONIAN CIRCUIT PROBLEM      | <a href="https://www.youtube.com/watch?v=MUQc69NDWAY">https://www.youtube.com/watch?v=MUQc69NDWAY</a> |
| 11 | Mrs.P..POORNAPRIYA | CS3492-DATABASE MANAGEMENT SYSTEMS            | DATABASE SYSTEM ARCHITECTURE     | <a href="https://www.youtube.com/watch?v=zdABU1bVZDg">https://www.youtube.com/watch?v=zdABU1bVZDg</a> |
|    |                    |   | ACID PROPERTIES                  | <a href="https://www.youtube.com/watch?v=c1PPKgYJC10">https://www.youtube.com/watch?v=c1PPKgYJC10</a> |

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION                        |
|------|---------------------|------------------------------------|
| 1    | Dr. C.SARAVANAN     | PROFESSOR & HEAD OF THE DEPARTMENT |
| 2    | Mr.T.S.THAMBIRAN    | ASSOCIATE PROFESSOR                |
| 3    | Mr.S.M.PRANESH      | ASSISTANT PROFESSOR                |
| 4    | Mr.A.VIGNESHKUMAR   | ASSISTANT PROFESSOR                |
| 5    | Mr.G.PALANISAMY     | ASSISTANT PROFESSOR                |
| 6    | Mr.R.DHIVYA         | ASSISTANT PROFESSOR                |
| 7    | Mr.G. RAMACHANDRAN  | ASSISTANT PROFESSOR                |
| 8    | Mr.A.CHINNATHAMBI   | ASSISTANT PROFESSOR                |
| 9    | Mrs.P.KARTHIKA      | ASSISTANT PROFESSOR                |
| 10   | Ms.M.MOHANAMIBA     | ASSISTANT PROFESSOR                |
| 11   | Mr.P.MANIKANDAN     | ASSISTANT PROFESSOR                |

  
HOQ  
(Dr.C.SARAVANAN)

**Head of the Department,**  
Department of EEE,  
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| Programme code / Name Department of Electrical and Electronics Engineering |                     |   |                                 |   |
|--|---------------------|---|---------------------------------|---|
| S.No   | Name Of The Faculty | Name Of The Subject Handling              | Topics Covered                  | E Resources   |
| 1  | Dr.C.SARAVANAN      | EE8703-RENEWABLE ENERGY SYSTEMS           | INTRODUCTION OF SOLAR           | <a href="https://youtu.be/A2KvSLoonGs?si=jyXJczAv2IFJeI9U">https://youtu.be/A2KvSLoonGs?si=jyXJczAv2IFJeI9U</a> |
| 2  | Mr.T.S.THAMBIRAN    | EE8552-POWER ELECTRONICS                  | 120 DEGREE MODE CONDUCTION      | <a href="https://youtu.be/VXCQqnPeidg?si=n3OGb0seleIEp9fG">https://youtu.be/VXCQqnPeidg?si=n3OGb0seleIEp9fG</a> |
| 3  | Mr.A.VIGNESHKUMAR   | OAN551-SENSOR & TRANSDUCERS               | MOTION SENSOR                   | <a href="https://youtu.be/cK3bAstRghw?si=PR5zXpqaQLRmHw-Z">https://youtu.be/cK3bAstRghw?si=PR5zXpqaQLRmHw-Z</a> |
| 4  | Mr.S.M. PRANESH     | EE8691-EMBEDDED SYSTEM                    | INTRODUCTION OF EMBEDDED SYSTEM | <a href="https://youtu.be/wN3h9mIyXU?si=Io0UqkvG10St0xA6">https://youtu.be/wN3h9mIyXU?si=Io0UqkvG10St0xA6</a>   |
| 5  | Mrs..P.KARTHIKA     | EE8551-MICROPROCESSOR AND MICROCONTROLLER | TIMING DIAGRAM                  | <a href="https://youtu.be/cm2AHu6DrKw?si=RYx1ESyoLBvs-TVv">https://youtu.be/cm2AHu6DrKw?si=RYx1ESyoLBvs-TVv</a> |
| 6  | Mr. G. PALANISAMY   | EE8702-POWER SYSTEM OPERATION & CONTROL   | LOAD FREQUENCY CONTROL          | <a href="https://youtu.be/UDfF10hCdVo?si=1zuvolDIWWUDUiQL">https://youtu.be/UDfF10hCdVo?si=1zuvolDIWWUDUiQL</a> |
| 7  | Mrs.R.DHIVYA        | EE8009-CONTROL AND ELECTRICAL DRIVES-     | BLDC MOTOR                      | <a href="https://youtu.be/lcvDixHYA10?si=OyzvH-vupW8Mj0lM">https://youtu.be/lcvDixHYA10?si=OyzvH-vupW8Mj0lM</a> |
| 8  | Ms.M.MOHANAMBIKA    | EE8501-POWER SYSTEM ANALYSIS              | GAUSS SEIDAL METHOD             | <a href="https://youtu.be/kCmf5A-AmKw?si=_OefB7hGi2HR_Psw">https://youtu.be/kCmf5A-AmKw?si=_OefB7hGi2HR_Psw</a> |

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY           | DESIGNATION                        |
|------|-------------------------------|------------------------------------|
| 1    | Dr.C.MURUGESAN                | PROFESSOR & HEAD OF THE DEPARTMENT |
| 2    | Mrs.U.SASIKALA.               | ASSISTANT PROFESSOR                |
| 3    | Mrs.R.KOKILA                  | ASSISTANT PROFESSOR                |
| 4    | Mrs.N.GOMATHI                 | ASSISTANT PROFESSOR                |
| 5    | Mrs.M.SIVARANJANI             | ASSISTANT PROFESSOR                |
| 6    | Mrs.B.P.BRIGHT THANGA MAHIZH. | ASSISTANT PROFESSOR                |
| 7    | Ms.S.ABINAYA                  | ASSISTANT PROFESSOR                |
| 8    | Mrs.N..MYTHILI.               | ASSISTANT PROFESSOR                |
| 9    | Mr.N.NAVINDRAN                | ASSISTANT PROFESSOR                |
| 10   | Mr.P.DHAKSHINAMOORTHY         | ASSISTANT PROFESSOR                |

  
HOD  
(Dr.C.MURUGESAN)

**C. MURUGESAN**  
Head of the Department  
Department of ECE  
J.K.K. Munirajah College of Technology  
T.N.Palayam - 638 506

  
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Programme code / Name : 106 Electronics and Communication Engineering

| Sl. No | Name Of The Faculty | Name Of The Subject Handling                | Topics Covered                                      | E Resources   |
|--------|---------------------|---|---|---|
| 1      | Dr.C.MURUGESAN      | EC3352-DIGITAL SYSTEMS DESIGN               | STATE MINIMIZATION                                  | <a href="https://www.youtube.com/watch?v=bybq9pyvvrw">https://www.youtube.com/watch?v=bybq9pyvvrw</a>   |
|        |                     |   | HALF AND FULL ADDERS                                | <a href="https://www.youtube.com/watch?v=psiagzlbndny">https://www.youtube.com/watch?v=psiagzlbndny</a> |
| 2      | Mrs.U.SASIKALA      | EC8553 - DIGITAL SIGNAL PROCESSING          | PLA AND PAL   | <a href="https://www.youtube.com/watch?v=zuvilnprlp8">https://www.youtube.com/watch?v=zuvilnprlp8</a>   |
| 3      | Mrs.R.KOKILA        | EC3354-SIGNALS & SYSTEMS                    | FUNDAMENTAL AND PULSE MODE SEQUENTIAL CIRCUITS      | <a href="https://www.youtube.com/watch?v=3yhlqckymg">https://www.youtube.com/watch?v=3yhlqckymg</a>     |
|        |                     | EC8701 - ANTENNAS AND MICROWAVE ENGINEERING | SIMPLIFICATION OF BOOLEAN EXPRESSION S-KARNAUGH MAP | <a href="https://www.youtube.com/watch?v=zuvilnprlp8">https://www.youtube.com/watch?v=zuvilnprlp8</a>   |
| 4      | Mrs.N.GOMATHI       | EC8501 - DIGITAL COMMUNICATION              | ZENER DIODE   | <a href="https://www.youtube.com/watch?v=xs8votzobf0">https://www.youtube.com/watch?v=xs8votzobf0</a>   |
|        |                     | EC3353 - ELECTRONIC DEVICES AND CIRCUITS    | MOSFET SMALL SIGNAL MODEL                           | <a href="https://www.youtube.com/watch?v=syvf2dvskh8">https://www.youtube.com/watch?v=syvf2dvskh8</a>   |
| 5      | Mrs.M.SIVARANJANI   | EC8073- MEDICAL ELECTRONICS                 | SURGICAL DIATHERMY                                  | <a href="https://www.youtube.com/watch?v=m01dm1blygw">https://www.youtube.com/watch?v=m01dm1blygw</a>   |

  
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|----|--------------------------------|--|---|---|
|    |                                |  | BIOTELEMETRY  | <a href="https://www.youtube.com/watch?v=nmbsoyeadjy">https://www.youtube.com/watch?v=nmbsoyeadjy</a>   |
| 6  | Mrs.N.MYTHILI                  | EC8691-<br>MIRCROPROCESS<br>ORS AND<br>MICROCONTROLL<br>ERS  | ADVANTAGES<br>OF NEGATIVE<br>FEEDBACK   | <a href="https://www.youtube.com/watch?v=syrzsfnzQU4">https://www.youtube.com/watch?v=syrzsfnzQU4</a>   |
| 7  | Mrs.S.ABINAYA                  | EC8551-<br>COMMUNICATION<br>NETWORKS                         | LINK LAYER<br>ADDRESSING  | <a href="https://www.youtube.com/watch?v=dzzDhn3Zs_E">https://www.youtube.com/watch?v=dzzDhn3Zs_E</a>   |
| 8  | Mr.N.NAVINDRAN                 | CS3351-DIGITAL<br>PRINCIPELS AND<br>COMPUTER<br>ORGANIZATION | FUNCTIONAL<br>UNITS OF A<br>DIGITAL<br>COMPUTER: VON<br>NEUMANN<br>ARCHITECTURE | <a href="https://www.youtube.com/watch?v=j8NnE1YeSN0">https://www.youtube.com/watch?v=j8NnE1YeSN0</a>   |
| 9  | Mr.P.DHAKSHINAMO<br>ORTHI      | OR0551-<br>RENEWABLE<br>ENERGY SOURCES                       | SOLAR<br>APPLICATIONS   | <a href="https://www.youtube.com/watch?v=etYGBLHV2vM&amp;list=PLgQLWGr3cSMpYf-tuEDcgEQY-tseu26B6">https://www.youtube.com/watch?v=etYGBLHV2vM&amp;list=PLgQLWGr3cSMpYf-tuEDcgEQY-tseu26B6</a> |
| 10 | Mrs.B.P.BRIGHT<br>THAGA MAHIZH | EC8702-<br>AD-HOC<br>& WIRELESS<br>SENSOR<br>NETWORKS        | SENSOR<br>NETWORKS  | <a href="https://www.youtube.com/watch?v=5NvTYI1IPD8">https://www.youtube.com/watch?v=5NvTYI1IPD8</a>   |

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**DEPARTMENT OF MECHANICAL ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION                                     |
|------|---------------------|---|
| 1    | Mr.K.SRIRAM         | HEAD OF THE DEPARTMENT<br>& ASSISTANT PROFESSOR |
| 2    | Mr.N.RAMASAMY       | ASSISTANT PROFESSOR                             |
| 3    | Dr.N.SANKAR         | ASSOCIATE PROFESSOR                             |
| 4    | Mr.K.GOVINTHASAMY   | ASSISTANT PROFESSOR                             |
| 5    | Mr.S.KARTHIKEYAN    | ASSISTANT PROFESSOR                             |
| 6    | Mr.E.PRABHURAJ      | ASSISTANT PROFESSOR                             |
| 7    | Mr.K.S.RAMESH       | ASSISTANT PROFESSOR                             |
| 8    | Mr.M.SIVAKUMAR      | ASSISTANT PROFESSOR                             |
| 9    | Mr.P.SURESH         | ASSISTANT PROFESSOR                             |
| 10   | Mr.V.SABARIVASAN    | ASSISTANT PROFESSOR                             |
| 11   | Mr.C.MUKUNDHAN      | ASSISTANT PROFESSOR                             |

HOD

(Mr.K.SRIRAM)

**HEAD OF THE DEPARTMENT**

Department of Mechanical Engineering,

J.K.K.Munirajah College of the Technology,

T.N.Palayam, Gobi.

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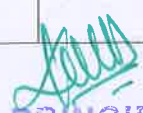
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**Programme code/ Name: 104 Mechanical Engineering**

| Sl. No | Name Of The Faculty | Name Of The Subject Handling                                  | Topics Covered  | E Resources   |
|--------|---------------------|---|---|---|
| 1      | Mr.K.SRIRAM         | ME8391 -<br>ENGINEERING<br>THERMODYNAMICS                     | THERMODYNAMIC EQUILIBRIUM STATE                                 | <a href="https://youtu.be/PiwxOcR3J8k">https://youtu.be/PiwxOcR3J8k</a> |
|        |                     |   | EQUATIONS OF STATE FOR IDEAL AND REAL GASES-REDUCED PROPERTIES. | <a href="https://youtu.be/p0IzTNyOXoE">https://youtu.be/p0IzTNyOXoE</a> |
| 2      | Mr.N.RAMASAM        | MF5016 -<br>MATERIALS TESTING AND CHARACTERIZATION TECHNIQUES | TRANSMISSION ELECTRON MICROSCOPY                                | <a href="https://youtu.be/EJoUQP-5g7g">https://youtu.be/EJoUQP-5g7g</a> |
|        |                     |   | LOW & HIGH CYCLE FATIGUE TEST                                   | <a href="https://youtu.be/t8rYAAeop9g">https://youtu.be/t8rYAAeop9g</a> |
| 3.     | Dr.N.SANKAR         | ME3591-<br>DESIGN OF MACHINE ELEMENTS                         | DESIGN OF SOLID AND HOLLOW SHAFTS                               | <a href="https://youtu.be/mzWMdZZaHwI">https://youtu.be/mzWMdZZaHwI</a> |
|        |                     |   | DESIGN OF HELICAL AND CONCENTRIC SPRINGS                        | <a href="https://youtu.be/QfhIea6KzZA">https://youtu.be/QfhIea6KzZA</a> |
| 4      | Mr.K.GOVINTHASAMY   | ME8691-<br>COMPUTER AIDED MANUFACTURING                       | REPRESENTATION OF CURVES  | <a href="https://youtu.be/xQsgMuxVZYU">https://youtu.be/xQsgMuxVZYU</a> |
|        |                     |   | STANDARDS FOR COMPUTER GRAPHICS                                 | <a href="https://youtu.be/gkV4VSI4Q8Q">https://youtu.be/gkV4VSI4Q8Q</a> |
| 5      | Mr.S.KARTHIKEYAN    | ME3393<br>MANUFACTURING PROCESSES                             | METAL JOINING PROCESSES   | <a href="https://youtu.be/EBrraGitOcY">https://youtu.be/EBrraGitOcY</a> |
|        |                     |   | SHEET METAL PROCESSES   | <a href="https://youtu.be/95rgHM58dgw">https://youtu.be/95rgHM58dgw</a> |

  
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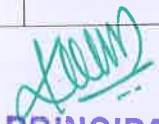
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|    |                  |   |  |   |
|----|------------------|---|--|---|
| 6  | Mr.E.PRABHURAJ   | CE8394-<br>FLUID MECHANICS<br>AND MACHINERY | PROPERTIES OF<br>FLUIDS- MASS<br>DENSITY AND<br>SPECIFIC<br>WEIGHT | <a href="https://youtu.be/EsshLxF5-U">https://youtu.be/EsshLxF5-U</a>   |
|    |                  |   | THEORY OF<br>ROTO-DYNAMIC<br>MACHINES                              | <a href="https://youtu.be/_IfXysOzex0">https://youtu.be/_IfXysOzex0</a> |
| 7  | Mr.K.S.RAMESH    | ME8792- POWER<br>PLANT<br>ENGINEERING       | LAYOUT OF<br>MODERN COAL<br>POWER PLANT                            | <a href="https://youtu.be/L9dxYHap0Vk">https://youtu.be/L9dxYHap0Vk</a> |
|    |                  |   | HYDRO<br>ELECTRIC<br>POWER PLANTS                                  | <a href="https://youtu.be/Uhjufhg3Xk">https://youtu.be/Uhjufhg3Xk</a>   |
| 8  | Mr.M.SIVAKUMAR   | ME8501 -<br>METROLOGY AND<br>MEASUREMENTS   | LINEAR<br>MEASURING<br>INSTRUMENTS                                 | <a href="https://youtu.be/H2LWbdhzoFk">https://youtu.be/H2LWbdhzoFk</a> |
|    |                  |   | FLOW<br>MEASUREMENT  | <a href="https://youtu.be/_3JVLyMv5II">https://youtu.be/_3JVLyMv5II</a> |
| 9  | Mr.P.SURESH      | OML751-<br>TESTING OF<br>MATERIALS          | TESTING<br>ORGANIZATION<br>S AND ITS<br>COMMITTEE                  | <a href="https://youtu.be/ICqmqTPwv5Q">https://youtu.be/ICqmqTPwv5Q</a> |
|    |                  |   | LIQUID<br>PENETRANT<br>TEST  | <a href="https://youtu.be/6MbxUMes_y0">https://youtu.be/6MbxUMes_y0</a> |
| 10 | Mr.V.SABARIVASAN | ME8594- DYNAMICS<br>OF MACHINES             | FLYWHEELS OF<br>PUNCHING<br>PRESSES                                | <a href="https://youtu.be/hNWR9sNvRZk">https://youtu.be/hNWR9sNvRZk</a> |
|    |                  |   | DEGREES OF<br>FREEDOM  | <a href="https://youtu.be/QNtGWkkvnQs">https://youtu.be/QNtGWkkvnQs</a> |

  
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|    |                |  |                                      |   |
|----|----------------|--|--------------------------------------|---|
| 11 | Mr.C.MUKUNDHAN | ME8793- PROCESS PLANNING AND COST ESTIMATION | IMPORTANCE OF COSTING AND ESTIMATION | <a href="https://youtu.be/VTYZf9EnsUU">https://youtu.be/VTYZf9EnsUU</a> |
|    |                |  | ESTIMATION OF MACHINING TIME         | <a href="https://youtu.be/4dlwM16xqCw">https://youtu.be/4dlwM16xqCw</a> |

  
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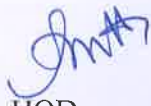
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION        |
|------|---------------------|--------------------|
| 1    | Ms.D.NIVETHINI      | ASSISTANTPROFESSOR |
| 2    | Mr.S.SUDHAKAR       | ASSISTANTPROFESSOR |
| 3    | Mr.A.SAMBATHKUMAR   | ASSISTANTPROFESSOR |
| 4    | Mrs.S.KANIMOZHI     | ASSISTANTPROFESSOR |
| 5    | Mr.K.R.VIGNESHWARA  | ASSISTANTPROFESSOR |
| 6    | Mr.V.KALAIVENDHAN   | ASSISTANTPROFESSOR |
| 7    | Mrs.P.SANGEETHA     | ASSISTANTPROFESSOR |
| 8    | Mr.V.ESWARAMURTHY   | ASSISTANTPROFESSOR |
| 9    | Mr.S.PRADEEBHAN     | ASSISTANTPROFESSOR |



HOD

Head of the Dept.

Department of IT

J.K.K.Munirajah College of Technology  
T.N.Palayam -638506.



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| Programme code / Name: DEPARTMENT OF INFORMATION TECHNOLOGY |                     |  |   |   |
|---|---------------------|--|---|---|
| S.No  | Name Of The Faculty | Name Of The Subject Handling                       | Topics Covered                              | E Resources   |
| 1   | Mrs.D.NIVETHINI     | MG8591-<br>PRINCIPLES OF<br>MANAGEMENT             | EVOLUTION OF<br>ANAGEMENT                   | <a href="https://www.youtube.com/watch?v=fW5A0Rj0pTI">https://www.youtube.com/watch?v=fW5A0Rj0pTI</a>                     |
|   |                     |  | BUDGETARY<br>CONTROL<br>TECHNIQUES          | <a href="https://www.youtube.com/watch?v=urLStYY2xpE">https://www.youtube.com/watch?v=urLStYY2xpE</a>                     |
| 2   | Mr.S.SUDHAKAR       | CS8792-<br>CRYPTOGRAPHY AND<br>NETWORK<br>SECURITY | DIFFIE<br>HELLMAN KEY<br>EXCHANGE           | <a href="https://www.youtube.com/watch?v=9W8-Cz4kmtc">https://www.youtube.com/watch?v=9W8-Cz4kmtc</a>                     |
|   |                     |  | MAC   | <a href="https://www.youtube.com/watch?v=-6TCNzJK180">https://www.youtube.com/watch?v=-6TCNzJK180</a>                     |
| 3   | Mr.A.SAMBATHKUMAR   | IT8074-SERVICE<br>ORIENTED<br>ARCHITECTURE         | PRINCIPLES OF<br>SERVICE ORIENTED<br>TATION | <a href="https://www.youtube.com/watch?v=AX8o9daldgM&amp;t=21s">https://www.youtube.com/watch?v=AX8o9daldgM&amp;t=21s</a> |
|   |                     |  | SERVICE<br>MODELLING                        | <a href="https://www.youtube.com/watch?v=HK4pgihq1zE">https://www.youtube.com/watch?v=HK4pgihq1zE</a>                     |
| 4   | Mrs.S.KANIMOZHI     | CD8291-DATA<br>STRUCTURES AND<br>ALGORITHMS        | DIVIDE &<br>CONQUER                         | <a href="https://www.youtube.com/watch?v=PfEmF07S4hw">https://www.youtube.com/watch?v=PfEmF07S4hw</a>                     |
|   |                     |  | BINARY SEARCH                               | <a href="https://www.youtube.com/watch?v=81QLBCW94Oo">https://www.youtube.com/watch?v=81QLBCW94Oo</a>                     |
| 5   | Mr.K.R.VIKNESHWARA  | CS8791-CLOUD<br>COMPUTING                          | CLOUD<br>CHARACTERISTICS                    | <a href="https://www.youtube.com/watch?v=hpNGxrPtBGU">https://www.youtube.com/watch?v=hpNGxrPtBGU</a>                     |
|   |                     |  | INTER CLOUD<br>RESOURCE<br>MANAGEMENT       | <a href="https://www.youtube.com/watch?v=EILbXdhkiAA">https://www.youtube.com/watch?v=EILbXdhkiAA</a>                     |
| 6   | Mr.V.KALAIVENDHAN   | IT8501-WEB<br>TECHNOLOGY                           | CASCADING STYLE<br>SHEETS                   | <a href="https://www.youtube.com/watch?v=kk_pfNxU1AM">https://www.youtube.com/watch?v=kk_pfNxU1AM</a>                     |

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|    |                   |  |                                |   |
|----|-------------------|--|--------------------------------|---|
|    |                   |  | JAVASERVLETS ARCHITECTURE      | <a href="https://www.youtube.com/watch?v=Dt9zvPeRpjU">https://www.youtube.com/watch?v=Dt9zvPeRpjU</a> |
| 7  | Mr.P.SANGEETHA    | CS3391-OBJECT ORIENTED PROGRAMMING       | PROGRAMMING STRUCTURES IN JAVA | <a href="https://www.youtube.com/watch?v=AEo4KgwKYoU">https://www.youtube.com/watch?v=AEo4KgwKYoU</a> |
|    |                   |  | TYPES OF INHERITANCE           | <a href="https://www.youtube.com/watch?v=0-AN9jO3m8o">https://www.youtube.com/watch?v=0-AN9jO3m8o</a> |
| 8. | Mr.V.ESWARAMURTHY | CS3352-FOUNDATIONS OF DATA SCIENCE       | DATA SCIENCE PROCESS           | <a href="https://www.youtube.com/watch?v=io9J9I_w5mA">https://www.youtube.com/watch?v=io9J9I_w5mA</a> |
|    |                   |  | LINE PLOTS                     | <a href="https://www.youtube.com/watch?v=znOVpJMAMHI">https://www.youtube.com/watch?v=znOVpJMAMHI</a> |
| 9  | Mr.S.PRADEEBHAN   | CS4351-INTRODUCTION TO OPERATING SYSTEMS | OPERATING SYSTEM OVERVIEW      | <a href="https://www.youtube.com/watch?v=RozoeWzT7IM">https://www.youtube.com/watch?v=RozoeWzT7IM</a> |
|    |                   |  | DISKSTRUCTURE                  | <a href="https://www.youtube.com/watch?v=T2P0bp8EXSg">https://www.youtube.com/watch?v=T2P0bp8EXSg</a> |

  
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**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS  
LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION                                    |
|------|---------------------|--|
| 1    | Mr.M.SENTHILKUMAR   | ASSISTANT PROFESSOR AND HEAD OF THE DEPARTMENT |
| 2    | Mrs.P.ARCHANA       | ASSISTANT PROFESSOR                            |
| 3    | Mr.I.MANIKANDAN     | ASSISTANT PROFESSOR                            |

HOD

(Mr.M.SENTHILKUMAR)

**HEAD OF THE DEPARTMENT**

Department of MCA

J.K.K. Munirajah College of Technology

T.N. Palayam - 638 506

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| Programme code / Name : Master of Computer Applications |                     |   |  |   |
|---|---------------------|---|--|---|
| Sl. No  | Name Of The Faculty | Name Of The Subject Handling                    | Topics Covered                         | E Resources   |
| 1   | Mr. M.SENTHILKUMAR  | MC4202-<br>ADVANCED<br>DATABASE<br>TECHNOLOGY   | DISTRIBUTED<br>DATABASE<br>CONCEPTS    | <a href="https://www.youtube.com/watch?v=aUyqZxn12sY">https://www.youtube.com/watch?v=aUyqZxn12sY</a> |
|   |                     |   | XML<br>DOCUMENTS<br>AND<br>DATABASES   | <a href="https://www.youtube.com/watch?v=-peU0sl-BoU">https://www.youtube.com/watch?v=-peU0sl-BoU</a> |
|   |                     | MC4205-CYBER<br>SECURITY                        | LIKELIHOOD<br>AND IMPACT<br>ASSESSMENT | <a href="https://www.youtube.com/watch?v=-E-jfcoR2W0">https://www.youtube.com/watch?v=-E-jfcoR2W0</a> |
| 2   | Mrs.P.ARCHANA       | MC4204-<br>MOBILE<br>APPLICATION<br>DEVELOPMENT | MOBILE<br>APPLICATION<br>MODEL         | <a href="https://youtu.be/jtK3RYjEH2I?list">https://youtu.be/jtK3RYjEH2I?list</a>                     |
|   |                     |   | ANDROID<br>APPLICATION<br>ARCHITECTURE | <a href="https://www.youtube.com/watch?v=4L3-DW-z7iI">https://www.youtube.com/watch?v=4L3-DW-z7iI</a> |
| 3   | Mr.I.MANIKANDAN     | MC4201-FULL<br>STACK WEB<br>DEVELOPMENT         | INTRODUCTIO<br>N TO WEB<br>SERVER      | <a href="https://www.youtube.com/watch?v=5zaGQCwi5KY">https://www.youtube.com/watch?v=5zaGQCwi5KY</a> |
|   |                     |   | MONGO DB<br>SYSTEM<br>OVERVIEW         | <a href="https://www.youtube.com/watch?v=YSJXXXBaAcQ">https://www.youtube.com/watch?v=YSJXXXBaAcQ</a> |
|   |                     |   | JSX<br>COMPONENTS                      | <a href="https://www.youtube.com/watch?">https://www.youtube.com/watch?</a>                           |

  
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**DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION  |
|------|---------------------|--|
| 1    | Mr.E.R.VADIVEL      | ASSISTANT PROFESSOR<br>& HEAD OF THE<br>DEPARTMENT |
| 2    | Mr.C.SOMASUNDARAM   | ASSISTANT PROFESSOR                                |
| 3    | Mr.G.ALAGAR         | ASSISTANT PROFESSOR                                |
| 4    | Mr.R.PRASANTH.      | ASSISTANT PROFESSOR                                |
| 5    | Mr.B.SIVAKUMAR      | ASSISTANT PROFESSOR                                |

  
HOD  
(Mr.E.R.VADIVEL)

**HEAD OF THE DEPARTMENT**  
Department of Management Studies  
J.K.K. Munirajah College of Technology  
T.N. PALAYAM 638 506.  
GOBI (Tk.) ERODE (DIST)

  
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| Programme code / Name : Master of Business Administration |                     |                                       |   |   |
|---|---------------------|---------------------------------------|---|---|
| Sl. No  | Name Of The Faculty | Name Of The Subject Handling          | Topics Covered                                      | E Resources   |
| 1   | Mr.E.R.VADIVEL      | BA5107-TOTAL QUALITY MANAGEMENT       | Customer Focus –customer perception of quality      | <a href="https://www.youtube.com/watch?v=1mzp9Q1-QPA">https://www.youtube.com/watch?v=1mzp9Q1-QPA</a> |
|   |                     |                                       | Translating needs into requirements                 | <a href="https://www.youtube.com/watch?v=4-Q1AnBijKg">https://www.youtube.com/watch?v=4-Q1AnBijKg</a> |
| 2   | Mr.G.ALAGAR         | BA5204-HUMAN RESOURCE MANAGEMENT      | Evolution of human resource management              | <a href="https://www.youtube.com/watch?v=Kxc8KceOb14">https://www.youtube.com/watch?v=Kxc8KceOb14</a> |
|   |                     |                                       | Importance of Human Resource Planning               | <a href="https://www.youtube.com/watch?v=AofD4ZK4XR">https://www.youtube.com/watch?v=AofD4ZK4XR</a>   |
| 3   | Mr.B.SIVAKUMAR      | BA5102-PRINCIPLES OF MANAGEMENT       | Staffing-Selection and Recruitment                  | <a href="https://www.youtube.com/watch?v=r-VcHu-wZxE">https://www.youtube.com/watch?v=r-VcHu-wZxE</a> |
|   |                     |                                       | Career development-Career stages                    | <a href="https://www.youtube.com/watch?v=87_saCYFw6s">https://www.youtube.com/watch?v=87_saCYFw6s</a> |
| 4   | Mr.C.SOMASUNDARAM   | BA5202-ACCOUNTING FOR MANAGEMENT      | Types of Research – Exploratory and causal Research | <a href="https://www.youtube.com/watch?v=F1BFdEgrTBM">https://www.youtube.com/watch?v=F1BFdEgrTBM</a> |
|   |                     |                                       | Research hypotheses                                 | <a href="https://www.youtube.com/watch?v=jB1ziHU7Jlo">https://www.youtube.com/watch?v=jB1ziHU7Jlo</a> |
| 5   | Mr.R.PRASANTH       | BA5101-ECONOMIC ANALYSIS FOR BUSINESS | Micro economies and Macro economies                 | <a href="https://www.youtube.com/watch?v=Cq12B187neo">https://www.youtube.com/watch?v=Cq12B187neo</a> |
|   |                     |                                       | Scarcity and efficiency                             | <a href="https://www.youtube.com/watch?v=4MJD9vquAXE">https://www.youtube.com/watch?v=4MJD9vquAXE</a> |

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**DEPARTMENT OF SCIENCE AND  
HUMANITIES**

**LIST OF FACULTIES USING ICT TOOLS:**

| SL. No. | NAME OF THE FACULTY | DESIGNATION                                  |
|---------|---------------------|--|
| 1       | Mr.M. PONNUSAMY     | ASSISTANT PROFESSOR & HEAD OF THE DEPARTMENT |
| 2.      | Mrs.M. SENBAGAM     | ASSISTANT PROFESSOR                          |
| 3.      | Mrs.R.SHANTHI       | ASSISTANT PROFESSOR                          |
| 4.      | Ms.S.SAMYUKTHA      | ASSISTANT PROFESSOR                          |
| 5.      | Mrs.R.CHITRA        | ASSISTANT PROFESSOR                          |
| 6.      | Ms.N.CHITRA         | ASSISTANT PROFESSOR                          |
| 7.      | Ms.P.MAHASAKTHI     | ASSISTANT PROFESSOR                          |
| 8.      | Mrs.K.POONGOTHAI    | ASSISTANT PROFESSOR                          |
| 9.      | Mr.P.RAMESH         | ASSISTANT PROFESSOR                          |
| 10.     | Mrs.M. KAVITHA      | ASSISTANT PROFESSOR                          |
| 11.     | Mr. E.MATHIVANAN    | ASSISTANT PROFESSOR                          |

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|     |                    |                     |
|-----|--------------------|---------------------|
| 12. | Mr.S.PREM KUMAR    | ASSISTANT PROFESSOR |
| 13. | Mr.S.ANBUTHANGAM   | ASSISTANT PROFESSOR |
| 14. | Mr.G.TAMILSELVAN   | ASSISTANT PROFESSOR |
| 15. | Mr.N.MADESH        | ASSISTANT PROFESSOR |
| 16. | Mr.P.SANGEETHKUMAR | ASSISTANT PROFESSOR |
| 17. | Mr.S.TAMILARASU    | ASSISTANT PROFESSOR |
| 18. | Mr. N.Madesh       | ASSISTANT PROFESSOR |

*M. Ponnam*

HOD

(Mr.M.PONNUSAMY)

HEAD OF DEPARTMENT  
DEPARTMENT OF SCIENCE AND HUMANITIES  
J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY  
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Erode (Dt) - 638 506

*[Signature]*

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| Programme code / Name: Science and Humanities |                     |   |  |   |
|---|---------------------|---|--|---|
| Sl. No  | Name Of The Faculty | Name Of The Subject Handling            | Topics Covered                           | E Resources   |
| 1.  | Mr.M. PONNUSAMY     | CY3151-ENGINEERING CHEMISTRY            | PHASE RULE                               | <a href="https://www.youtube.com/watch?v=Kbok87YkRO">https://www.youtube.com/watch?v=Kbok87YkRO</a>   |
| 2.  | Ms.M.SENBAGAM       | CY3151-ENGINEERING CHEMISTRY            | MUNICIPAL WATER TREATMENT                | <a href="https://www.youtube.com/watch?v=gu_9kV2zlP4">https://www.youtube.com/watch?v=gu_9kV2zlP4</a> |
| 3.  | Ms.R.SHANTHI        | MA3354-DISCRETE MATHEMATICS             | SYMMETRIC DIFFERENCE                     | <a href="https://www.youtube.com/watch?v=Qp_yuaPs-E">https://www.youtube.com/watch?v=Qp_yuaPs-E</a>   |
| 4.  | Ms.S.SAMYUKTHA      | MA3354-DISCRETE MATHEMATICS             | HOMOGENOUS SOLUTIONS                     | <a href="https://www.youtube.com/watch?v=NnkwfZ_2Q18">https://www.youtube.com/watch?v=NnkwfZ_2Q18</a> |
| 5.  | Ms.R.CHITRA         | MA3251-STATISTICS AND NUMERICAL METHODS | EULER'S METHOD - MODIFIED EULER'S METHOD | <a href="https://www.youtube.com/watch?v=UkAW18uR9jo">https://www.youtube.com/watch?v=UkAW18uR9jo</a> |
| 6.  | Ms.N.CHITRA         | MA3354-DISCRETE MATHE                   | DEFINITION OF FUNCTION                   | <a href="https://www.youtube.com/watch?v=irrRwvFJpzw">https://www.youtube.com/watch?v=irrRwvFJpzw</a> |
| 7.  | Ms.P.MAHASAKTHI     | MA3151-MATRICES AND CALCULUS            | CAYLEY - HAMILTON THEOREM                | <a href="https://www.youtube.com/watch?v=MWYifkq9hWs">https://www.youtube.com/watch?v=MWYifkq9hWs</a> |
| 8.  | Ms.K.POONGOTHAI     | PH3151-ENGINEERING PHYSICS              | THE MAXWELL'S EQUATIONS                  | <a href="https://www.youtube.com/watch?v=HvK35jjMb5I">https://www.youtube.com/watch?v=HvK35jjMb5I</a> |
| 9.  | Mr.P.RAMESH         | PH3151-ENGINEERING PHYSICS              | CONSERVATION OF ANGULAR MOMENTUM         | <a href="https://www.youtube.com/watch?v=hgcudPr73LU">https://www.youtube.com/watch?v=hgcudPr73LU</a> |
| 10.   | Mrs.M. KAVITHA      | PH3151-ENGINEERING PHYSICS              | ND-YAG ,CO2 LASER                        | <a href="https://www.youtube.com/watch?v=c1bSftBqsge">https://www.youtube.com/watch?v=c1bSftBqsge</a> |

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|     |                                 |   |   |   |
|-----|---------------------------------|---|---|---|
| 11. | Mr. E.MATHIVANAN                | HS3252-<br>PROFESSIONAL<br>ENGLISH - II                     | GRAMMAR – MIXED<br>TENSES   | <a href="https://www.youtube.com/watch?v=iWleAR9piFe">https://www.youtube.com/watch?v=iWleAR9piFe</a> |
| 12. | Mr.S.PREMKUMAR                  | HS3152-<br>PROFESSIONAL<br>ENGLISH - I                      | INTRODUCTION TO<br>EFFECTIVE<br>COMMUNICATION   | <a href="https://www.youtube.com/watch?v=W-4IcNJlyM8">https://www.youtube.com/watch?v=W-4IcNJlyM8</a> |
| 13. | Mr.S.ANBUTHANGAM                | GE3152-HERITAGE<br>OF TAMIL                                 | NADHASWARAM –<br>ROLE OF<br>TEMPLES IN SOCIAL<br>AND ECONOMIC LIFE<br>OF TAMILS.                    | <a href="https://www.youtube.com/watch?v=-8J9bqzSoc">https://www.youtube.com/watch?v=-8J9bqzSoc</a>   |
| 14. | Mr.G.TAMILSELVAN<br>(GENERAL)   | GE3151-PROBLEM<br>SOLVING AND<br>PYTHON<br>PROGRAMMING      | BUILDING BLOCKS<br>OF ALGORITHMS<br>(STATEMENTS,<br>STATE, CONTROL<br>FLOW, FUNCTIONS),<br>NOTATION | <a href="https://www.youtube.com/watch?v=y4xv9mmzDe4">https://www.youtube.com/watch?v=y4xv9mmzDe4</a> |
| 15. | Mr.N.MADESH<br>(GENERAL)        | GE3151-PROBLEM<br>SOLVING AND<br>PYTHON                     | LISTS, TUPLES,<br>DICTIONARIES  | <a href="https://www.youtube.com/watch?v=W8KRzmHUcc">https://www.youtube.com/watch?v=W8KRzmHUcc</a>   |
| 16. | Mr.P.SANGEETHKUMAR<br>(GENERAL) | GE3151-PROBLEM<br>SOLVING AND<br>PYTHON<br>PROGRAMMING      | BOOLEAN VALUES AND<br>OPERATORS.<br>CONDITIONAL (IF),<br>ALTERNATIVE                                | <a href="https://www.youtube.com/watch?v=5QICw1_N6xk">https://www.youtube.com/watch?v=5QICw1_N6xk</a> |
| 17. | Mr.S.TAMILARASU<br>(GENERAL)    | GE3251-<br>ENGINEERING<br>GRAPHICS                          | CONSTRUCTION OF<br>CYCLOID  | <a href="https://www.youtube.com/watch?v=Rr1UhFOU8sg">https://www.youtube.com/watch?v=Rr1UhFOU8sg</a> |
| 18. | Mr.N.MADESH                     | BE3254-<br>ELECTRICAL AND<br>INSTRUMENTATION<br>ENGINEERING | PRINCIPLE OF<br>OPERATION OF<br>THREE-PHASE<br>INDUCTION MOTORS                                     | <a href="https://www.youtube.com/watch?v=S9aRRIVS1ec">https://www.youtube.com/watch?v=S9aRRIVS1ec</a> |

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ME-APPLIED ELECTRONICS**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY          | DESIGNATION         |
|------|------------------------------|---------------------|
| 1    | Mr.P.DHAKSHINA MOORTHY       | ASSISTANT PROFESSOR |
| 2.   | Mrs.B.P.BRIGHT THANGA MAHIZH | ASSISTANT PROFESSOR |

HOD  
(Dr.C.MURUGESAN)

**C. MURUGESAN**  
Head of the Department  
Department of ECE  
J.K.K. Munirajah College of Technology  
T.N.Palayam - 638 506

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| Programme code / Name :401 M.E Applied Electronics |                              |   |  |   |
|--|------------------------------|---|--|---|
| Sl. No   | Name Of The Faculty          | Name Of The Subject Handling                                      | Topics Covered                                       | E Resources   |
| 1  | Mr.P.DHAKSHINA MOORTHY       | AP4151-ADVANCED DIGITAL SIGNAL PROCESSING                         | Fast Fourier Transform (FFT) Algorithms              | <a href="https://www.youtube.com/watch?v=h7apO7q16V0">https://www.youtube.com/watch?v=h7apO7q16V0</a> |
|  |                              |   | Implementation of lattice structures for IIR filters | <a href="https://www.youtube.com/watch?v=6E7uXh7zdMk">https://www.youtube.com/watch?v=6E7uXh7zdMk</a> |
| 2  | Mrs.B.P.BRIGHT THANGA MAHIZH | AP4008-ADVANCED MIRCROPROCESORS AND MICRCONTROLLERS ARCHITECTURES | Exception and Interrupts                             | <a href="https://www.youtube.com/watch?v=IrSQWHgscfY">https://www.youtube.com/watch?v=IrSQWHgscfY</a> |
|  |                              |   | Programming the ARM processor.                       | <a href="https://www.youtube.com/watch?v=zuVIINpRIP8">https://www.youtube.com/watch?v=zuVIINpRIP8</a> |

  
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**DEPARTMENT OF COMPUTER SCIENCE**

**ENGINEERING**

**ME. COMPUTER SCIENCE ENGINEERING**

**LIST OF FACULTIES USING ICT TOOLS:**

| S.No | NAME OF THE FACULTY | DESIGNATION         |
|------|---------------------|---------------------|
| 1    | Mr.R.GNANASEKAR     | ASSISTANT PROFESSOR |
| 2    | Mr.S.DHARANITHARAN  | ASSISTANT PROFESSOR |
| 3    | Mrs.P.SASIREKA      | ASSISTANT PROFESSOR |

HOD

(Dr.N.SATHYABALAJI)

**Head of the Department,  
Department of CSE,  
J.K.K. Munirajah College of Technology,  
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| Programme code / Name :405 M.E Computer Science Engineering |                     |  |  |   |
|---|---------------------|--|--|---|
| Sl. No  | Name Of The Faculty | Name Of The Subject Handling                               | Topics Covered                         | E Resources   |
| 1   | Mr.S.DHARANITHARAN  | CP4252-<br>MULTICORE<br>ARCHITECTURE<br>AND<br>PROGRAMMING | INTERCONNECTION NETWORKS               | <a href="https://www.youtube.com/watch?v=kw9xoX6J5gM">https://www.youtube.com/watch?v=kw9xoX6J5gM</a>                   |
|   |                     |  | MPI DERIVED DATATYPES                  | <a href="https://www.youtube.com/watch?v=gBriI1SLBGs">https://www.youtube.com/watch?v=gBriI1SLBGs</a>                   |
| 2   | MR.R.GNANASEKAR     | CP4079-<br>SOFTWARE<br>QUALITY<br>ASSURANCE                | SQA SYSTEM COMPONENTS                  | <a href="https://www.youtube.com/watch?v=JOq3v6vpw5A&amp;t=2s">https://www.youtube.com/watch?v=JOq3v6vpw5A&amp;t=2s</a> |
|   |                     |  | COST OF SOFTWARE QUALITY               | <a href="https://www.youtube.com/watch?v=JPz2mbo66LI">https://www.youtube.com/watch?v=JPz2mbo66LI</a>                   |
| 3.  | Mrs.V.NIROSHA       | CP4252-<br>MACHINE<br>LEARNING                             | VARIOUS PARADIGMS OF LEARNING PROBLEMS | <a href="https://www.youtube.com/watch?v=u6WqgOvc4FY">https://www.youtube.com/watch?v=u6WqgOvc4FY</a>                   |
|   |                     |  | FEED FORWARD NETWORKS                  | <a href="https://www.youtube.com/watch?v=6AK7qC2XGHY">https://www.youtube.com/watch?v=6AK7qC2XGHY</a>                   |

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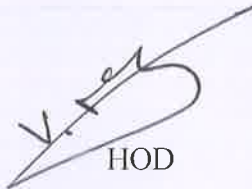
(Po),Gobi (Tk),Erode(Dt)-638506



**DEPARTMENT OF MECHANICAL ENGINEERING  
ME.MANUFACTURING ENGINEERING**

**LISTOFFACULTIESUSINGICT TOOLS:**

| S.No | NAMEOFTHEFACULTY  | DESIGNAITON        |
|------|-------------------|--------------------|
| 1    | Mr.K.SRIRAM       | ASSISTANTPROFESSOR |
| 2    | Mr.K.GOVINDHASAMY | ASSISTANTPROFESSOR |



HOD

(V,MAGESH)

**HEAD OF DEPARTMENT**

Department of Automobile Engineering

JKK Munirajah College of Technology

T.N. Palayam, Gobi (Tk) - 638 506



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| Programme code / Name :410 M.E Manufacturing Engineering |                     |  |  |   |
|--|---------------------|--|--|---|
| Sl. No   | Name Of The Faculty | Name Of The Subject Handling           | Topics Covered                             | E Resources   |
| 1  | Mr.K.SRIRAM         | MF9251-Fluid Power                     | Hydraulic & Pneumatic Comparison           | <a href="https://youtu.be/LTaDBI265Mg?si=_PDtQM3ADM6eXbFn">https://youtu.be/LTaDBI265Mg?si=_PDtQM3ADM6eXbFn</a>   |
|  |                     | Automation                             | Direction flow and pressure control valves | <a href="https://youtu.be/Q399GSN8pb0?si=LQI4nb0vyRi7YVEx">https://youtu.be/Q399GSN8pb0?si=LQI4nb0vyRi7YVEx</a>   |
|  |                     | ME8691-Computer Aided Manufacturing    | Welding Defects                            | <a href="https://youtu.be/UP0w22nJZhg?si=9b3eaHVmOKS W4DgP">https://youtu.be/UP0w22nJZhg?si=9b3eaHVmOKS W4DgP</a> |
| 2  | Mr.K.GOVINDHASAMY   | CME339-Additive Manufacturing          | Classification of AM processes             | <a href="https://youtu.be/tOJUQu_K7zk?si=-9yk48gK88YZHKxu">https://youtu.be/tOJUQu_K7zk?si=-9yk48gK88YZHKxu</a>   |
|  |                     |  | Virtual Prototyping                        | <a href="https://youtu.be/qVoeTDrF6_0?si=7EDVm7Xu5rAHMWPY">https://youtu.be/qVoeTDrF6_0?si=7EDVm7Xu5rAHMWPY</a>   |
|  |                     | MF9254-Advances in Casting and Welding | Graphical kernel system,                   | <a href="https://youtu.be/J_WOAPC9sHA?si=wwDwJBEpIT3nfHb">https://youtu.be/J_WOAPC9sHA?si=wwDwJBEpIT3nfHb</a>     |

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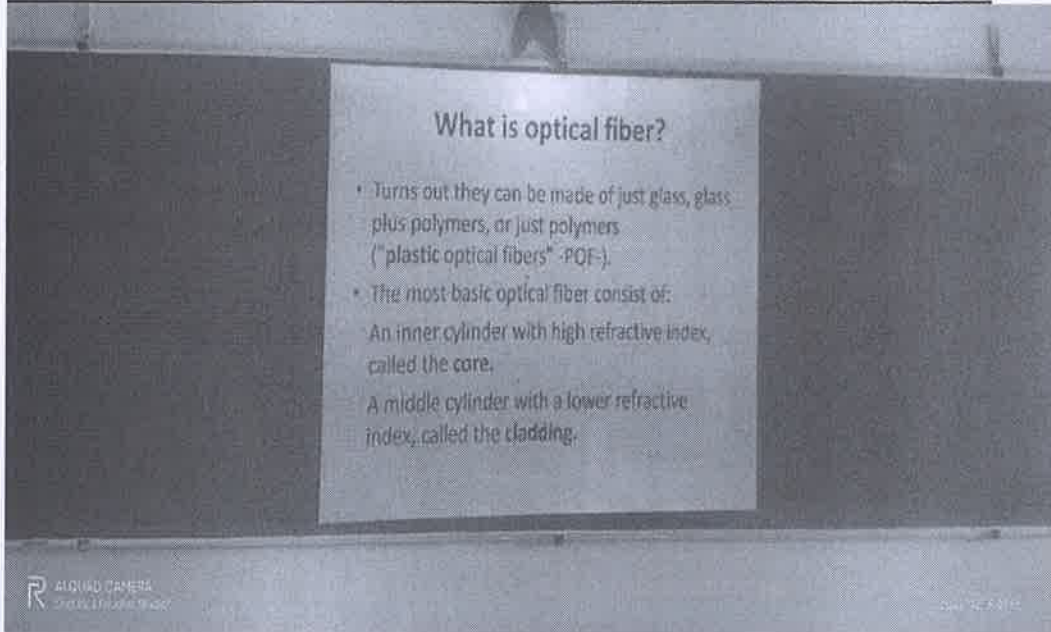
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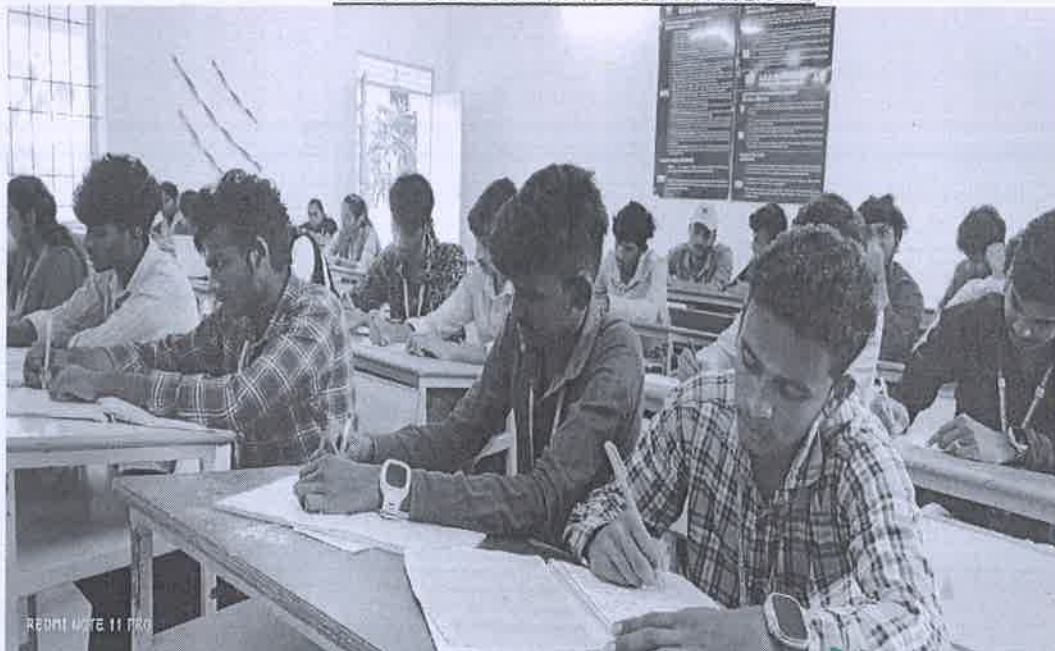
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### PPT SAMPLES FOR EFFECTIVE TEACHING LEARNING PROCESS



### PROMOTE HANDWRITTEN NOTES



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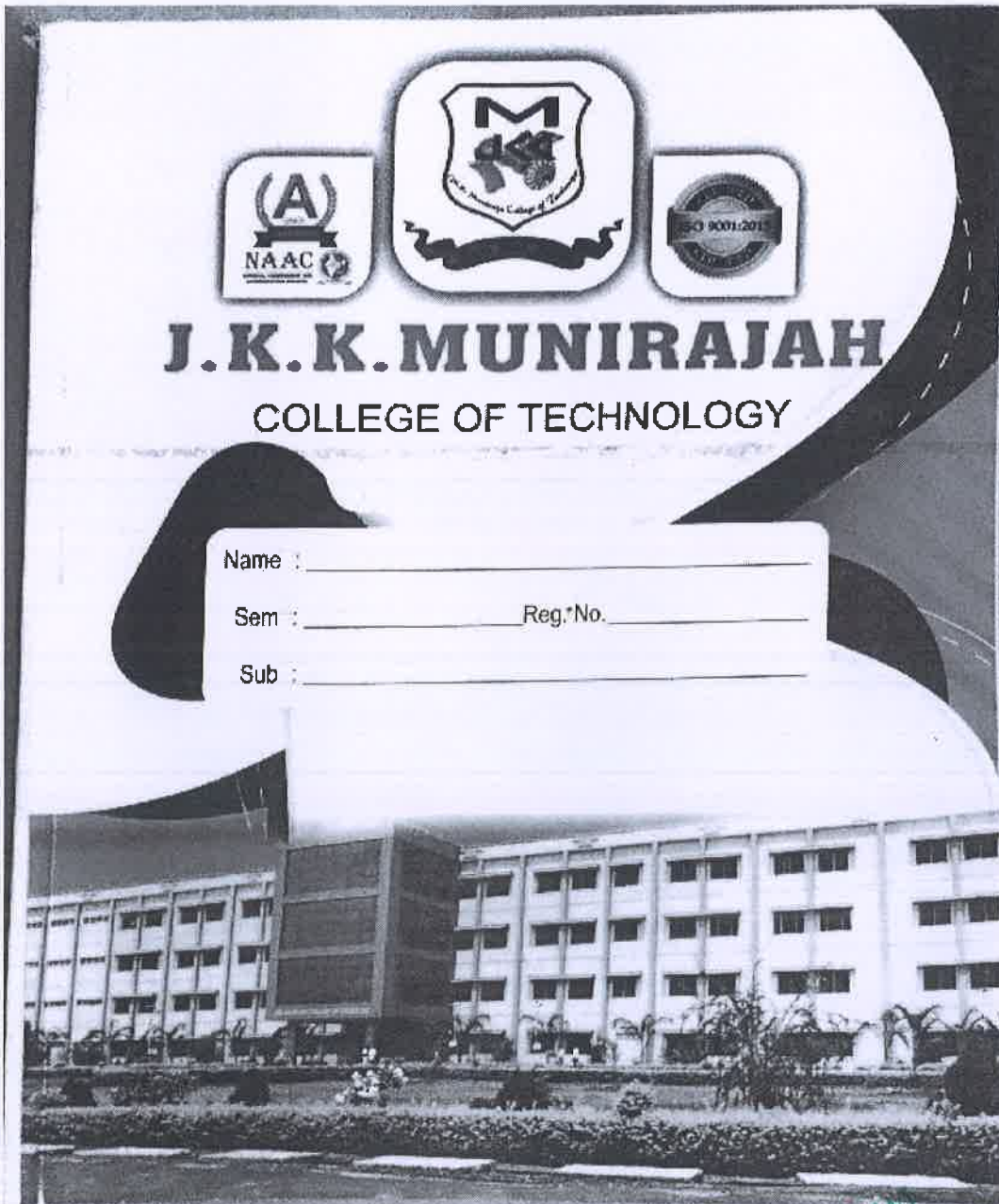
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**LAB RECORD SAMPLE:**



Name : \_\_\_\_\_  
Sem : \_\_\_\_\_ Reg. No. \_\_\_\_\_  
Sub : \_\_\_\_\_

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### COURSES OFFERED

#### UG COURSES

- B.E - Computer Science and Engineering
- B.E - Electronics and Communication Engineering
- B.E - Electrical and Electronics Engineering
- B.E - Civil Engineering
- B.E - Mechanical Engineering
- B.E - Automobile Engineering
- B.Tech - Information Technology

#### PG COURSES

- M.E - Computer Science and Engineering
- M.E - Applied Electronics
- M.E - Power Electronics and Drives
- M.E - Manufacturing Engineering
- M.B.A - Master of Business Administration
- M.C.A - Master of Computer Applications

#### T.N.PALAYAM INSTITUTIONS

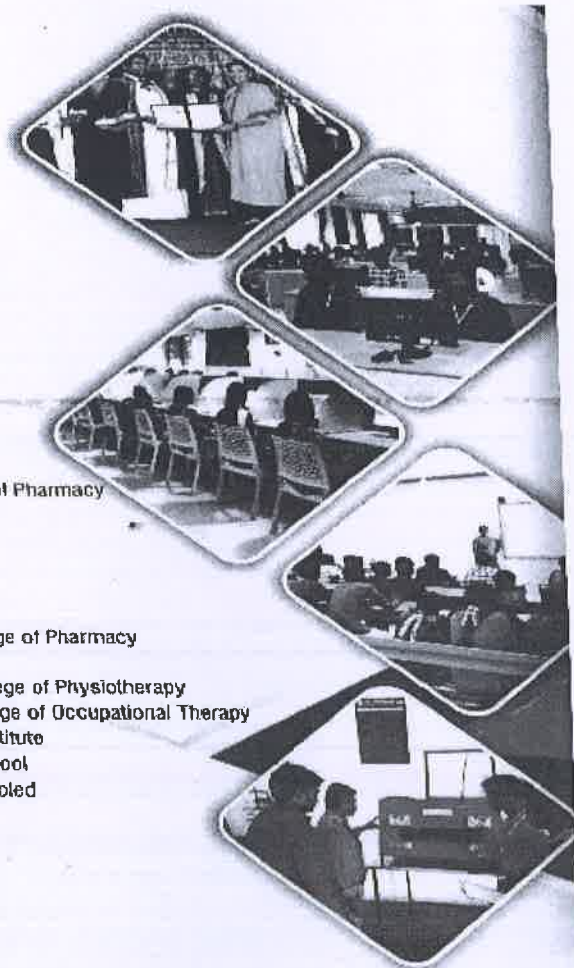
- ◆ J.K.K.Munirajah College of Technology
- ◆ J.K.K.Munirajah School of Architecture
- ◆ J.K.K.Munirajah School of Agricultural Science
- ◆ J.K.K.Munirajah Institute of Health Sciences College of Pharmacy
- ◆ Annai JKK Sampoorani Ammal Polytechnic College
- ◆ Annai JKK Sampoorani Ammal College of Education
- ◆ JKK Munirajah Industrial Training Centre
- ◆ J.K.K Munirajah Allied Health Science College

#### KOMARAPALAYAM INSTITUTIONS

- ◆ J.K.K.Munirajah Medical Research Foundation College of Pharmacy
- ◆ Annai JKK Sampoorani Ammal College of Nursing
- ◆ J.K.K. Munirajah Medical Research Foundation College of Physiotherapy
- ◆ J.K.K.Munirajah Medical Research Foundation College of Occupational Therapy
- ◆ Annai JKK Sampoorani Ammal Teacher Training Institute
- ◆ JKK Munirajah Matriculation Higher Secondary School
- ◆ N.M.S.A. Higher Secondary School for Differently Aabled
- ◆ J.K.K Munirajah Allied Health Science College

#### INDUSTRIES

- ◆ JKNM Textile Mills Pvt Ltd, Komarapalayam
- ◆ Pullcar Mills Pvt Ltd, Tiruchengode
- ◆ Rajyasri Gowri Enterprises, T.N.Palayam
- ◆ JKKM Fuels, T.N.Palayam



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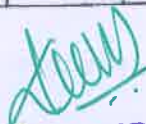
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|-----------|---------|--|----------|------|-----------|
| 1.        | 31/5/23 | Verification of Kirchhoff's voltage law and Kirchhoff's Current Law. | 3        | 90   | D. J. An  |
| 2(a)      | 7/6/23  | Verification of Thevenin's Theorem.                                  | 11       | 95   | D. J. An  |
| 2(b)      | 7/6/23  | Verification of Norton's Theorem                                     | 19       | 95   |           |
| 3         | 14/6/23 | Verification of Superposition Theorem                                | 25       | 90   | D. J. An  |
| 4(a)      | 21/6/23 | Verification of Maximum power transfer theorem                       | 31       | 95   | D. J. An  |
| 4(b)      | 31/7/23 | Verification of Reciprocity theorem                                  | 37       | 95   | D. J. An  |
| 5(a)      | 12/7/23 | Determination of Resonance frequency of Series RLC Circuit           | 41       | 90   | D. J. An  |
| 5(b)      | 19/7/23 | Determination of Resonance frequency of parallel                     |          |      |           |

  
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**ICT TOOLS ENABLED CLASS ROOMS**

**Details of Class rooms in Block**

| SL.No | Name in board | Department       | Facilities Available                        |
|-------|---------------|------------------|---|
| 1     | 201           | CSE              | Bencches, Desks, Fans, Light. LCD Projector |
| 2     | 203           | ECE              | Bencches, Desks, Fans, Light. LCD Projector |
| 3     | 208           | EEE              | Bencches, Desks, Fans, Light. LCD Projector |
| 4     | 301           | B.Tech-IT        | Bencches, Desks, Fans, Light. LCD Projector |
| 5     | 418           | CIVIL            | Bencches, Desks, Fans, Light. LCD Projector |
| 6     | 302           | SMART CLASS ROOM | Bencches, Desks, Fans, Light. LCD Projector |

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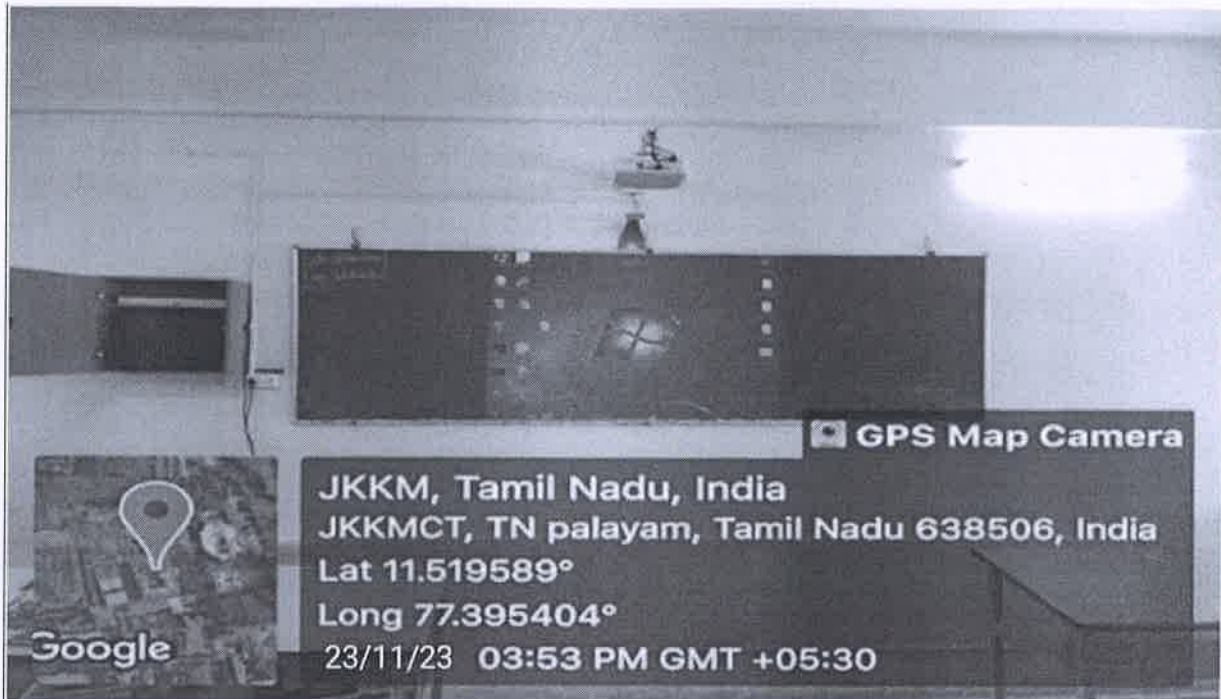
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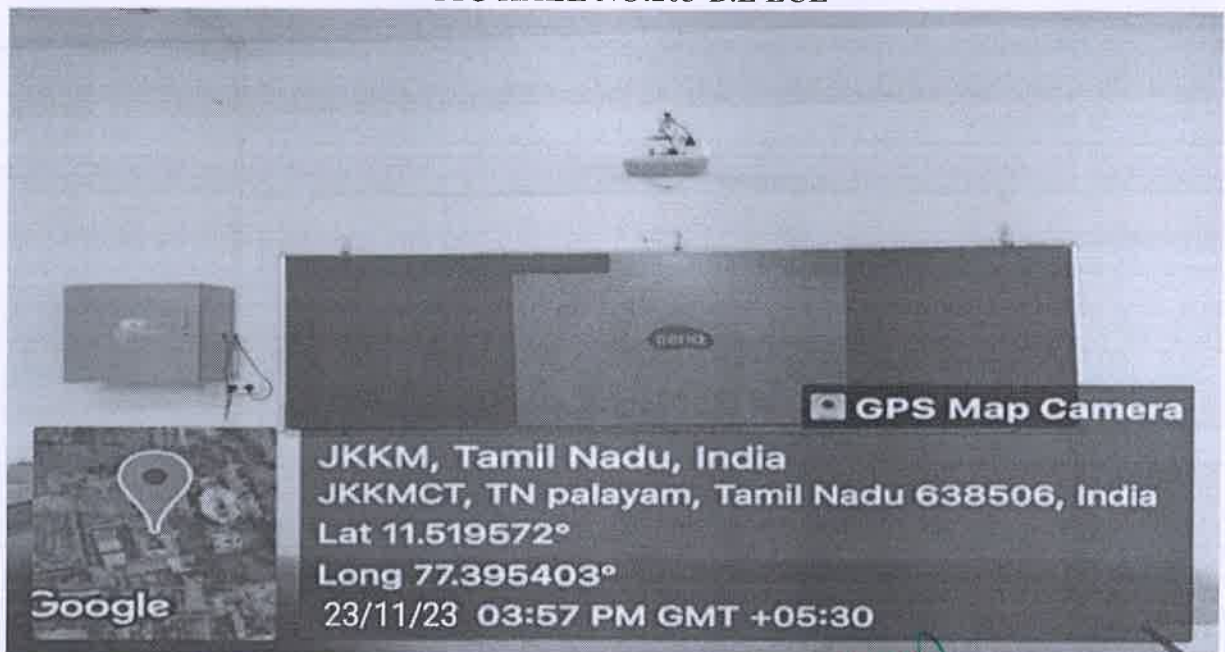
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**ICT HALL GEO TAGGED PHOTOS  
FIG.HALL NO..201-BE CSE CLASSROOM**



**FIG HALL NO.203-B.E ECE**



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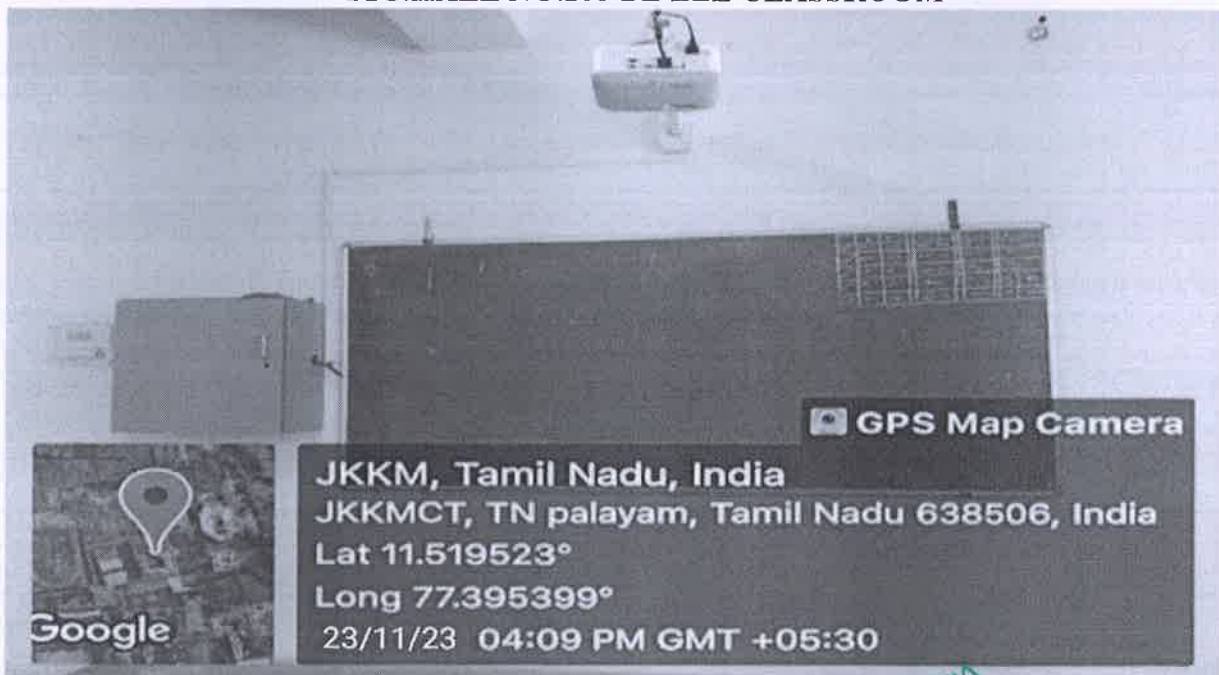
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**FIG.HALL NO.418- BE CIVIL CLASSROOM**



**FIG.HALL NO.208-BE EEE CLASSROOM**



*Koorn*

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(AUTONOMOUS)**

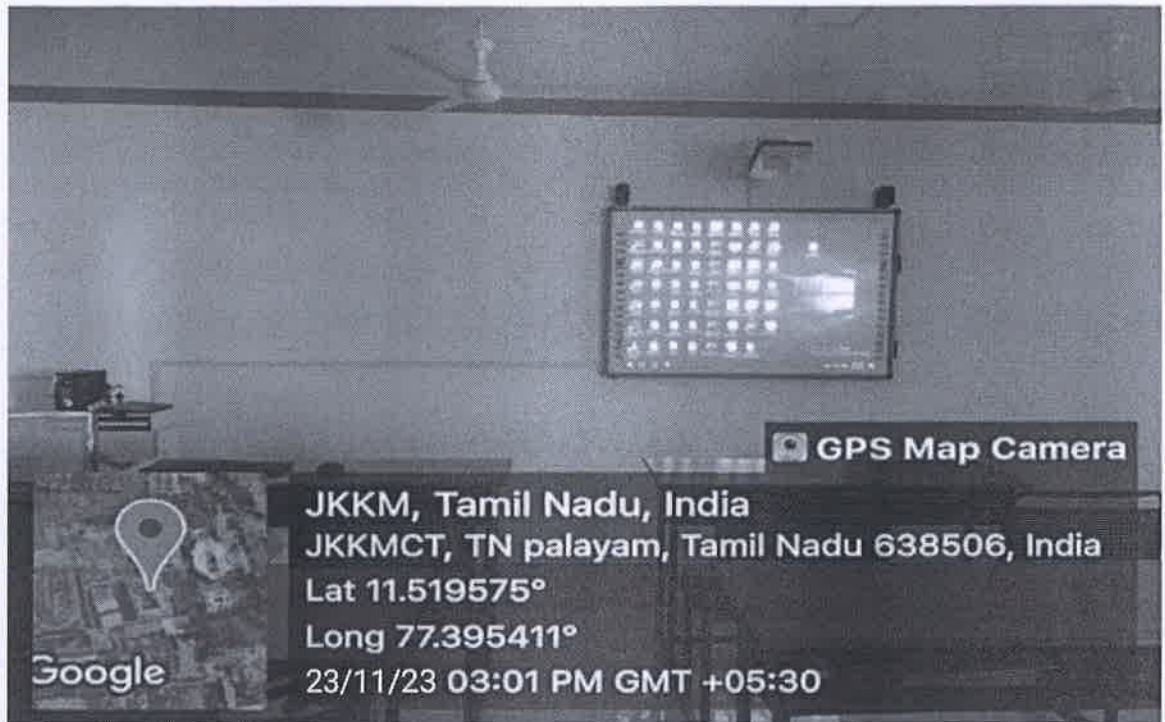
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**FIG.HALL NO.302- SMART CLASSROOM**



*[Handwritten Signature]*

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