



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony,
KARIMNAGAR, Telangana state – 505481
Affiliated to Jawaharlal Nehru Technological University Hyderabad,
Approved by AICTE New Delhi

2.3.2. Teachers use ICT enabled tools for effective teaching- learning process

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1. Chalk Board (Lecture Method): To convey basics, Critical Information, History, Back ground, theories and equations.



Mr. M. Kranthi Kumar, Assistant Professor of ECE Department Explaining “: Relationship between Transport and Network Layers” for ECE III Year I Semester by using Chalk Board. (AY 2017-2018)

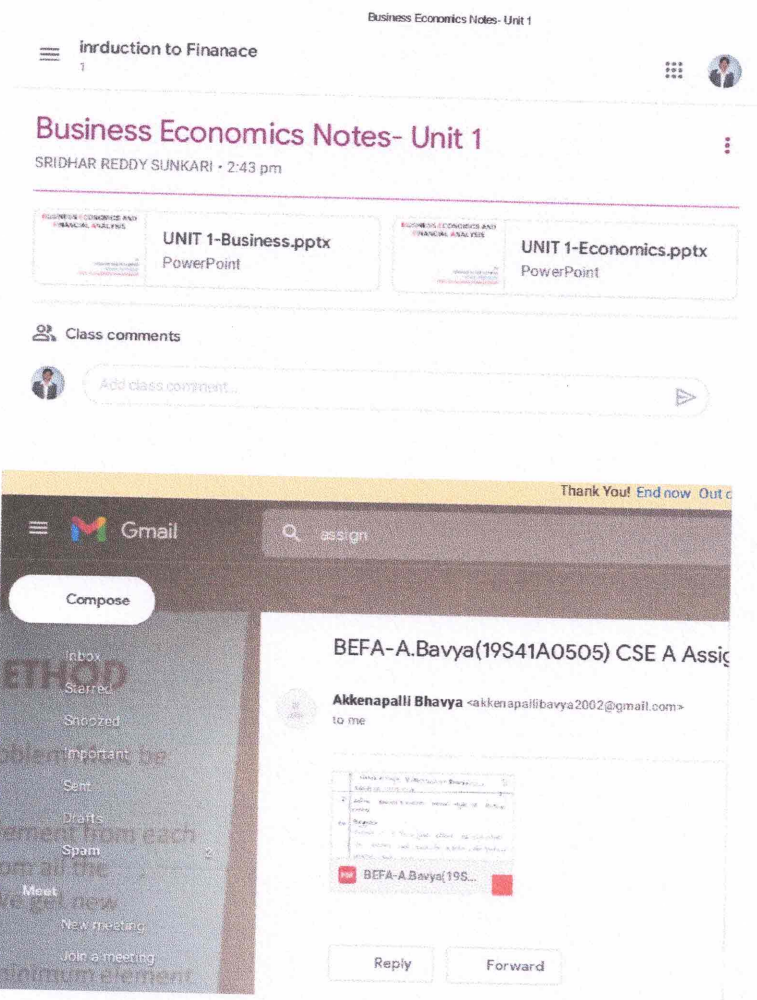

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2. **Google Class room** is used to manage post course related information- learning material, quizzes, lab submission and evaluation, assignments, etc.



Mr. Sridhar Reddy Sunkari, Assistant Professor, used Google class room to course related information- learning material, quizzes, assignments etc...

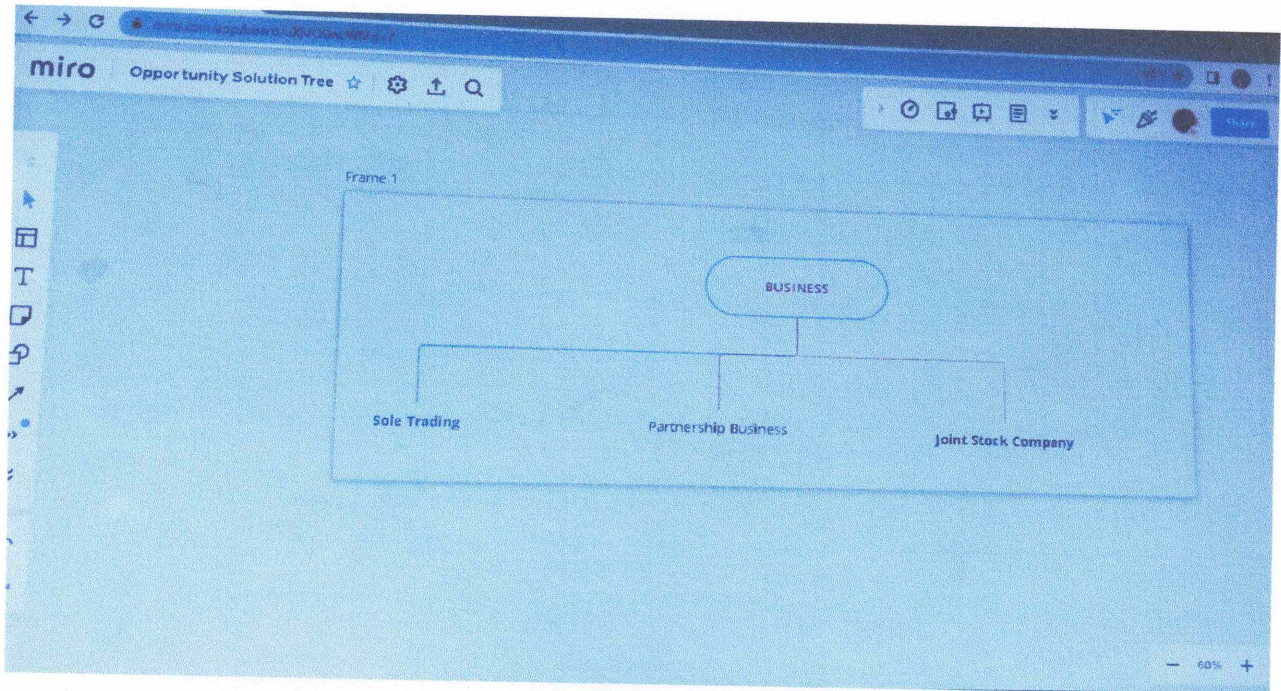

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3. Online drawing tools like **concept map**, **mind map** are used to perform student centric activities.



Mrs.B. Archana, Assistant Professor, used online drawing tool Mind Map to explain “Types of Business” for Civil III year II semester. (AY 2017-2018)

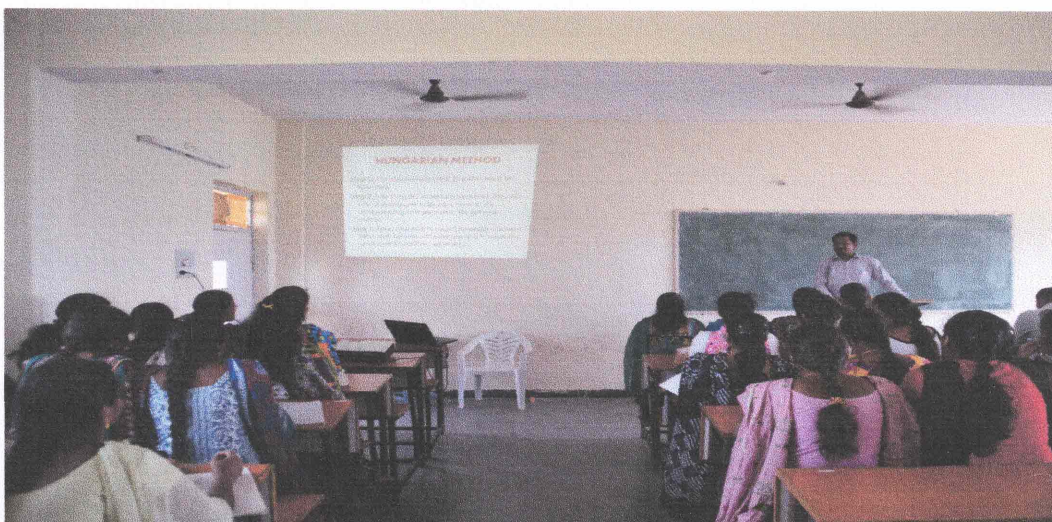
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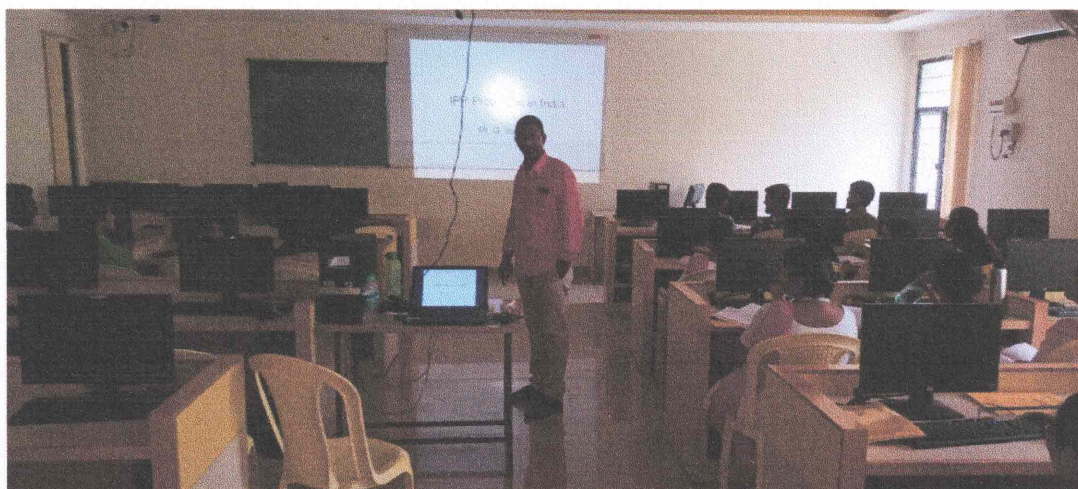
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4. The **POWER POINT PRESENTATIONS** are enabled with animations to improve the effectiveness of the teaching learning process



Mr. Viajaya Kumar. CH, Assistant Professor, Department of Business Management explaining “Hungarian Method” in QABD for MBA I year I semester. (AY 2017-2018)



Mr.G. Vivek, Assistant Professor, Department of MCA explaining “IPR Practices in India” for MCA II year I semester. (AY 2019-2020)



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5. ICT based teaching (using Youtube):

Name of the activity: ICT based teaching

Name of the Department: Department of Business Management

Name of the Topic: Solving Final Account Problem

Web link: <https://www.youtube.com/watch?v=et8tnsuTaVQ>


The screenshot shows a YouTube video player displaying a video titled "SRIDHAR REDDY SUNKARI's Personal Meeting Room". The video content shows a trial balance and adjustment problem. The trial balance is as follows:

	Dr	Cr
Purchase of Materials	32000	
Productive wages	13000	
sales		60000
salaries	4000	
Travelling Expenses	1000	
Carriage Inward	550	
Insurance	300	
Commission	650	
Rent and Rates	1000	
Cash in Hand	350	
Cash at Bank	5550	
Repairs	600	
Sundry Expenses	110	
Building		6100
Machinery	8000	
	3000	

The adjustment problem is as follows:

1. Prepaid Rent 100/-
2. Depreciate the following:
 - Building at 10% per annum
 - Machinery at 20%
 - Furniture at 15%
3. Provide for Baddebts rs: 100
4. Outstanding Insurance Rs: 50

Closing Stock 22000

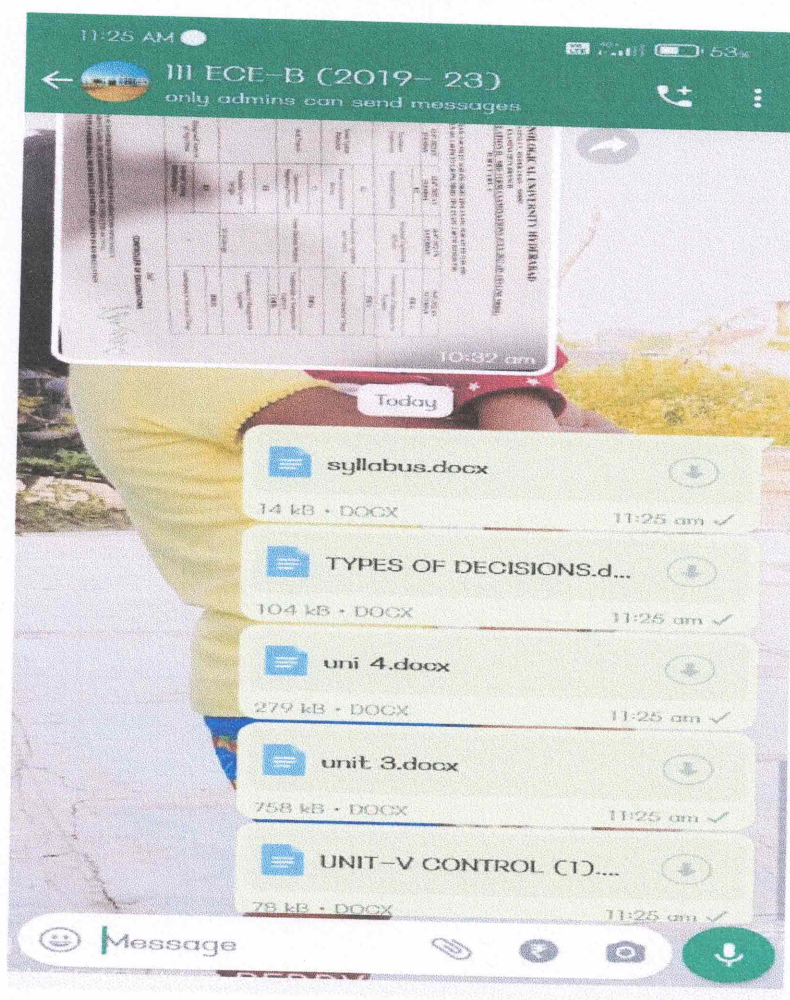

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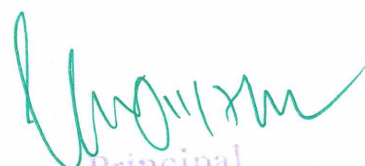
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6. Social Media In Education: Faculty members use the social media platforms like whatsapp and Telegram to connect with the students to sharing Information



Faculty of ECE shared unit wise notes using Whatsapp Social Media. (AY 2019-20)


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7. To teach mathematical Subjects in online mode, teachers have used online tools like- white board in Microsoft teams, Jam board in Google meet, etc.

Solution a_0

$$\int uv = u v_1 - u' v_2 + u'' v_3 - u''' v_4 + \dots$$
$$a_0 = \frac{1}{2\pi} \int_0^{2\pi} f(x) dx$$
$$= \frac{1}{2\pi} \int_0^{2\pi} x^2 dx$$
$$= \frac{1}{2\pi} \left[\frac{x^3}{3} \right]_0^{2\pi}$$
$$= \frac{1}{2\pi} \left[\frac{(2\pi)^3}{3} - 0 \right]$$
$$= \frac{4\pi^3}{3}$$
$$a_n = \frac{1}{\pi} \int_0^{2\pi} f(x) \cos nx dx$$
$$= \frac{1}{\pi} \int_0^{2\pi} x^2 \cos nx dx$$
$$= \frac{1}{\pi} \left[x^2 \frac{\sin nx}{n} - 2x \left(-\frac{\cos nx}{n^2} \right) + 2 \left(-\frac{\sin nx}{n^3} \right) \right]_0^{2\pi}$$
$$= \frac{1}{\pi} \left[\frac{2x}{n^2} \cos nx \right]_0^{2\pi}$$
$$= \frac{1}{\pi^2} \left[4\pi \cos 2\pi - 0 \right]$$
$$= \frac{4\pi}{\pi^2} = \frac{4}{\pi^2}$$
$$\boxed{a_n = \frac{4}{\pi^2}}$$
$$\boxed{a_0 = \frac{4\pi^3}{3}}$$

$\begin{aligned} 0 \cdot \sin 2\pi &= 0 \\ \sin 0 &= 0 \\ \cos 2\pi &= 1 \\ \cos 0 &= 1 \end{aligned}$

Mr. B. Ramana Reddy, Assistant Professor, Department of Mathematics, Used Microsoft team White board to explain "Integration" for CSE I year II Semester. (AY 2018-2019)


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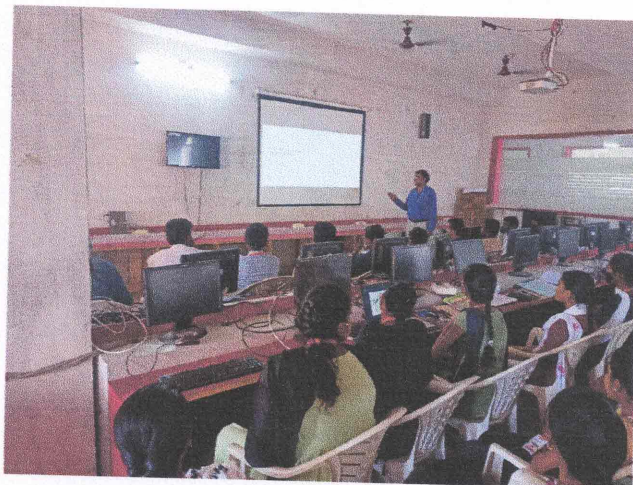


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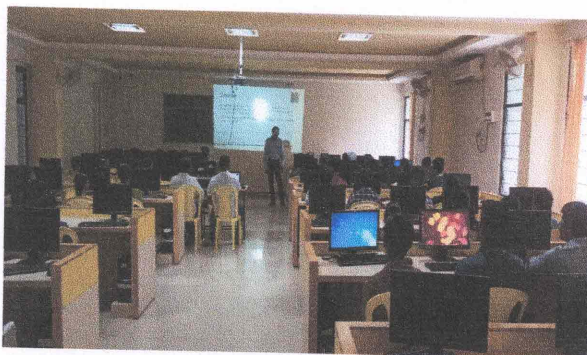
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8. ICT enabled Class Rooms and Labs:



ICT Enabled English Communication Lab



ICT Enabled Lab for Master of Computer Application



ICT enabled LAB for Computer Science Engineering


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9. Online quizzes are conducted to evaluation of the student's performance

BUSINESS ECONOMICS AND FINANCIAL ANALYSIS

ONLINE EXAM

Email *

Valid email address

This form is collecting email addresses. [Change settings](#)

HALL TICKET NUMBER:

Share response sheet

108 responses

Summary

Who has responded?

Email

- srithrasweety9@gmail.com
- rangeeetha161920@gmail.com
- akhilameasi112@gmail.com
- sahithipampa123@gmail.com
- krishnaasakthigowinderry@gmail.com
- anasthachin122@gmail.com
- refathfatima111@gmail.com
- salvadoran.madisherry@gmail.com

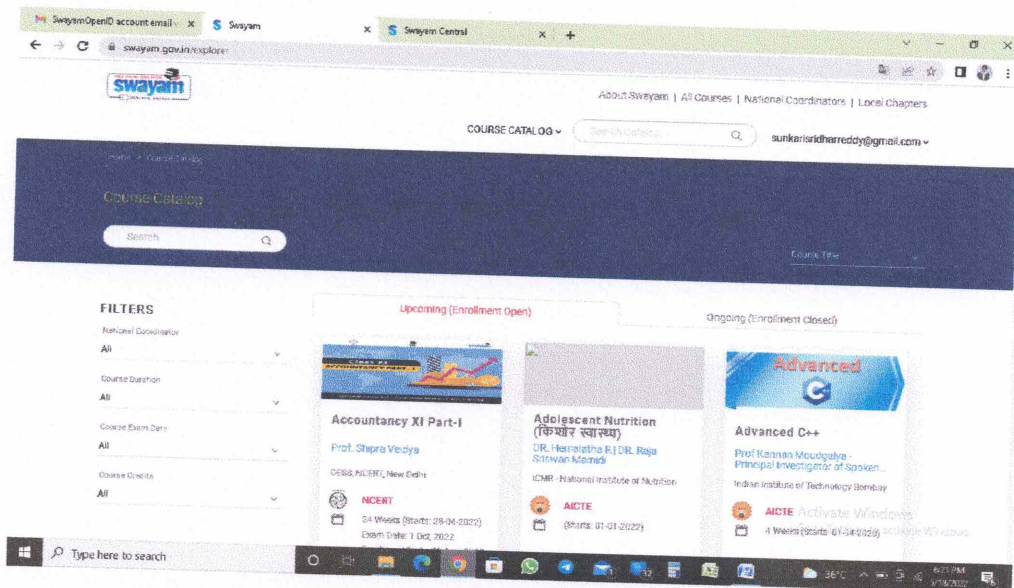
Mrs. B. Archana, Assistant professor, Used Google forms to Conduct Quizzes on “Business Economics and Financial Analysis” for Mechanical Engineering II year I semester. (AY 2017-2018)



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10. DELNET, NPTEL, SWAYAM and Moodle is used as one of ICT Tool: Its Provide an E- Learning Platform that has different environments for learner with dynamic, Interactive, non linear access to wide range of information (Text and Videos) as well as to self detected learning in online communication.



Mr. S. Sridhar, Assistant Professor, Registered in Swayam Portal for E-learning.



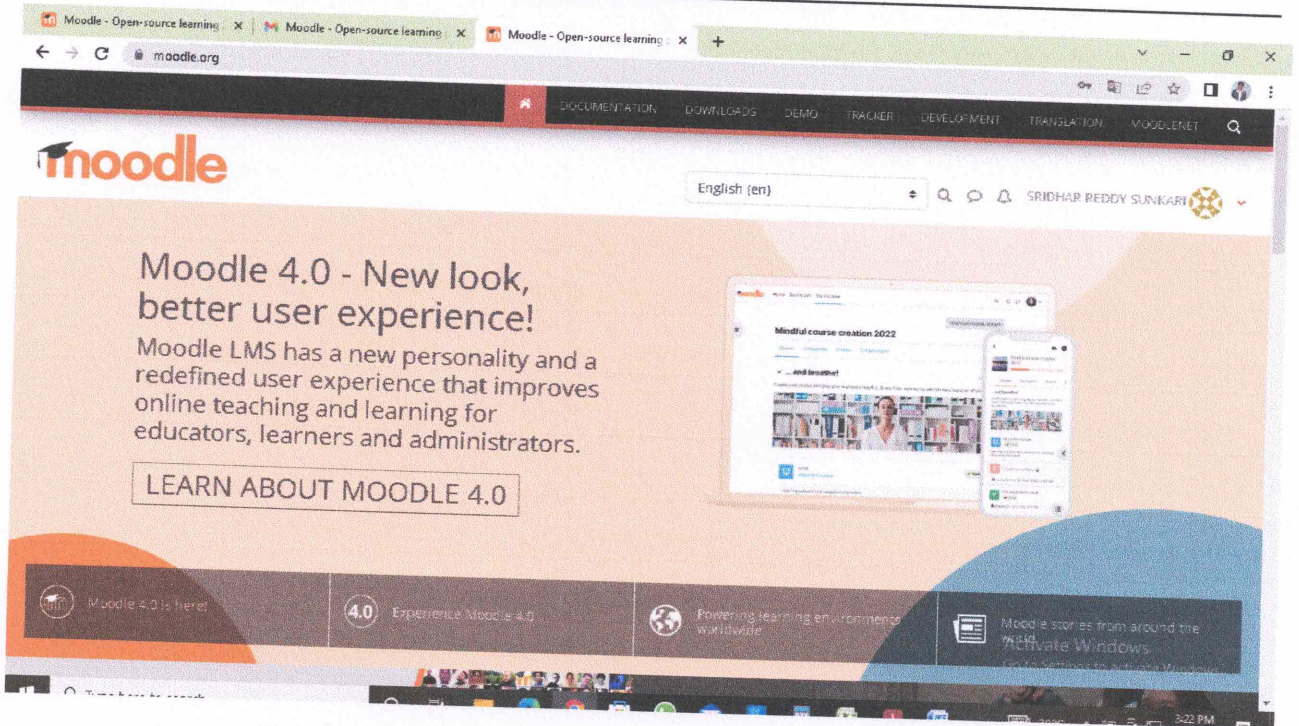
Certificate of Membership- Developing Library Network

[Signature]
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Mr. S.Satheesh Reddy, Assistant Professor, Department of CSE used Moodle Application to teach CSE IV Year I semester.

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