



OUR LADY COLLEGE OF EDUCATION
CHENNAI - 95

2.4.5 COMPETENCY AND SKILL DEVELOPMENT – ADEQUATE SKILLS



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No.SRC / NCTE / TN / APSO6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.89)

Our Lady Nagar, Maduravoyal, Chennai - 600 095. Phone. 044-2378 0899

Key Indicator

2.4 Competency and Skill Development

Metric No. 2.4.5

Adequate skills are developed in students for effective use of ICT for teaching learning process

Any other relevant information

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2.4.5 Any other relevant information

S.No.	Activities	Nature of Activities
1	Preparation of lesson plans	Preparation of digital lesson plans: ICT based Revised Bloom's taxonomy
2	Developing assessment tools for both online and offline learning	Online: Quiz, Assessment of E Content Offline: Diagnostic Test, Achievement Test
3	Effective use of social media/learning apps/adaptive devices for learning	You Tube Videos Mobile Based Learning E-Content Development
4	Identifying and selecting/developing online learning resources	You Tube Channel Google Classroom Blog Online Resources
5	Evolving learning sequences (learning activities) for online as well as face to face situations	Concept Mapping, Zoom, Google Meet Programmed Learning (Linear & Branching)

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1	Preparation of lesson plans	Preparation of digital lesson plans: ICT based Revised Bloom's taxonomy
2	Developing assessment tools for both online and offline learning	Online: Quiz, Assessment of E Content Offline: Diagnostic Test, Achievement Test
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Key Indicator

2.4 Competency and Skill Development

Metric No. 2.4.5

Adequate skills are developed in students for effective use of ICT for teaching learning process

Documentary evidence in support of each response selected

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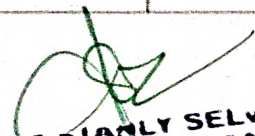
2.4.5 Documentary evidence in support of each response selected

The college organizes sessions on preparation of lesson plans, assessment tools, utilizing learning apps and technology enabled teaching methods to evolve learning sequences for offline and online to assess students understanding and for self-reflection on student teachers teaching skills.

Digital Lesson Plan

DIGITAL LESSON PLAN

CONTENT	SPECIFICATION	LEARNING EXPERIENCE	EVALUATION
ACTIVATION Any device from which electricity produced is called source of electricity https://youtu.be/YQ1Rk6tOzZ0	Recalls	The teacher recalls the electricity	What is electricity?
TOPIC ANNOUNCEMENT https://youtu.be/PLR11Nw_1nQ		The teacher gives the knowledge of sources of electricity 	What are the sources of electricity?
EXPLANATION https://youtu.be/ru032Mfsfig	Briefly explain	The teacher briefly explains about the electricity	What are the charges in electricity?
APPLICATION https://www1.curriculum.edu.au/sciencemd/teacher/assessment/electricity/application.htm	Lists	The teacher lists the application of electricity	What are the application of electricity?
RECALL To read and write the sources of electricity	LISTS	To improve the knowledge about sources of electricity.	https://www.cwg.org/research/green-energy-guide/sources-electricity


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Online

Individualized Instruction ✔ Done

🕒 January 19th 2021, 12:13 PM Q4 days ago

View quiz Flashcards Live Dashboard

38% Accuracy 9 Questions 31 Participant Attempts

Participants Questions Overview Topics

Grouping: [dropdown] Sort By: [dropdown] Email all parents

Participant	Progress	Accuracy	Score	Action
Akshay** 3 attempts		89% Accuracy	7120 Score	Email to Parent
Kalishani, Q** 3 attempts		73% Accuracy	5470 Score	Email to Parent
Karthikeyan V** 3 attempts		67% Accuracy	5540 Score	Email to Parent

Assignment 4 End here

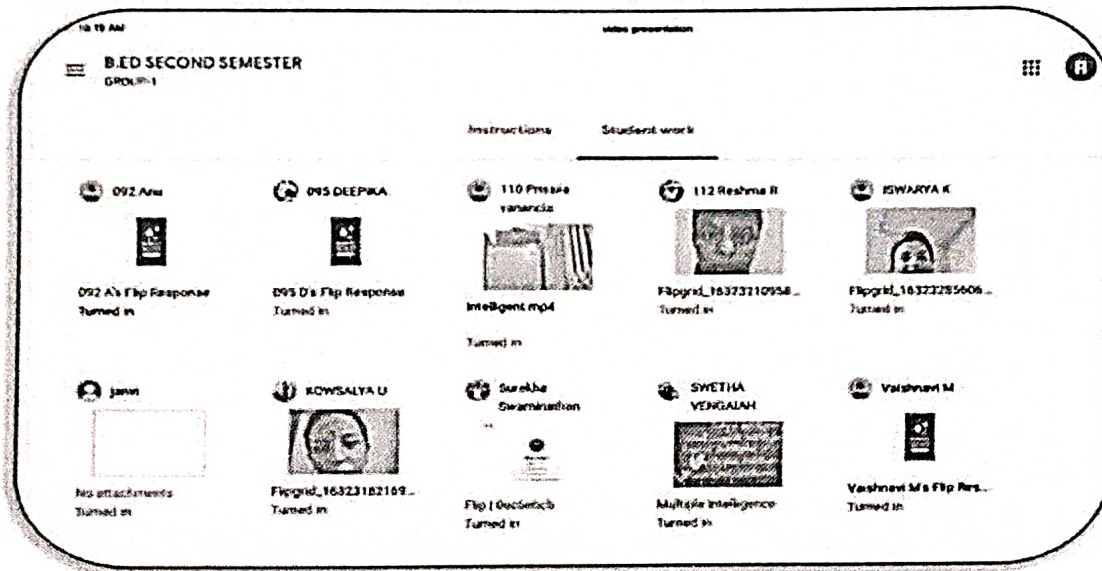
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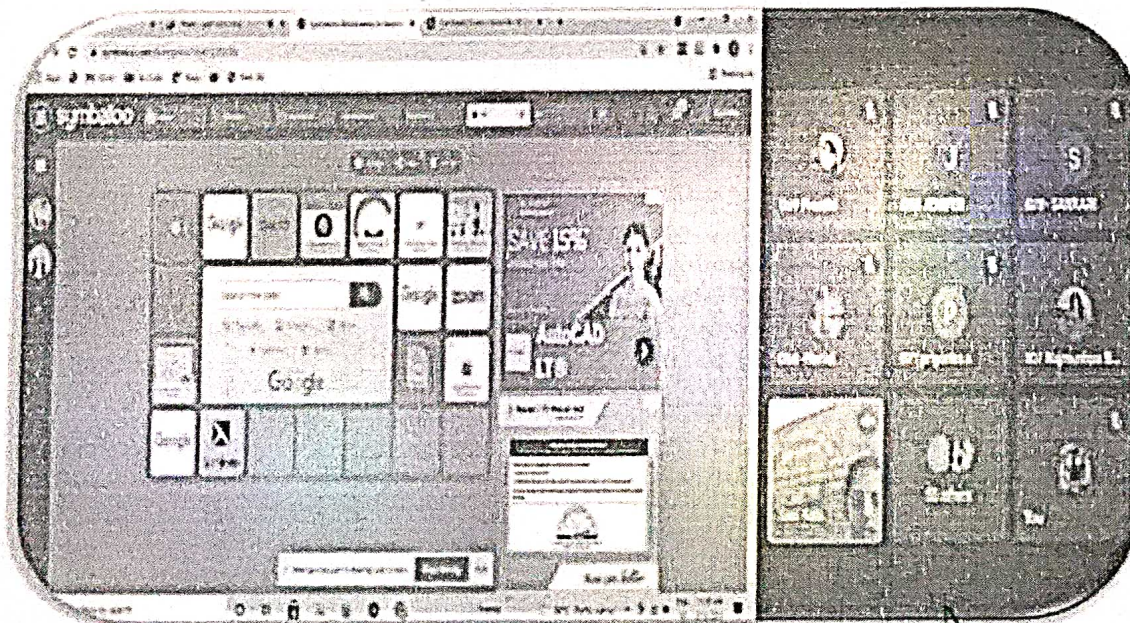
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Learning Apps

Flip Grid

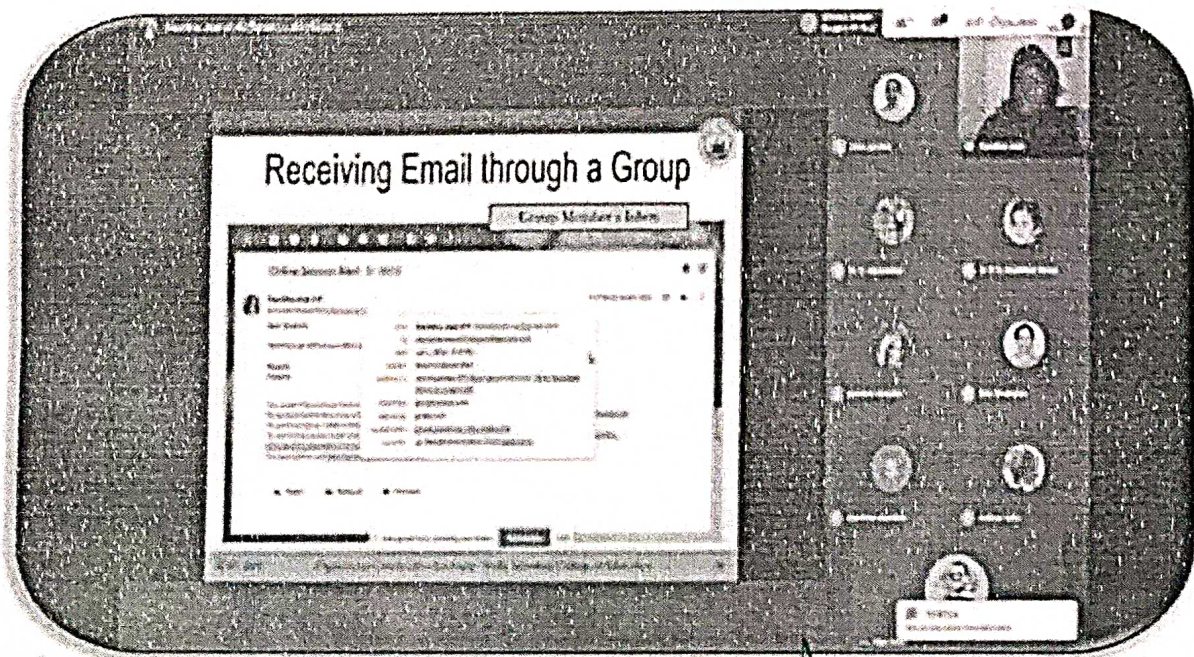
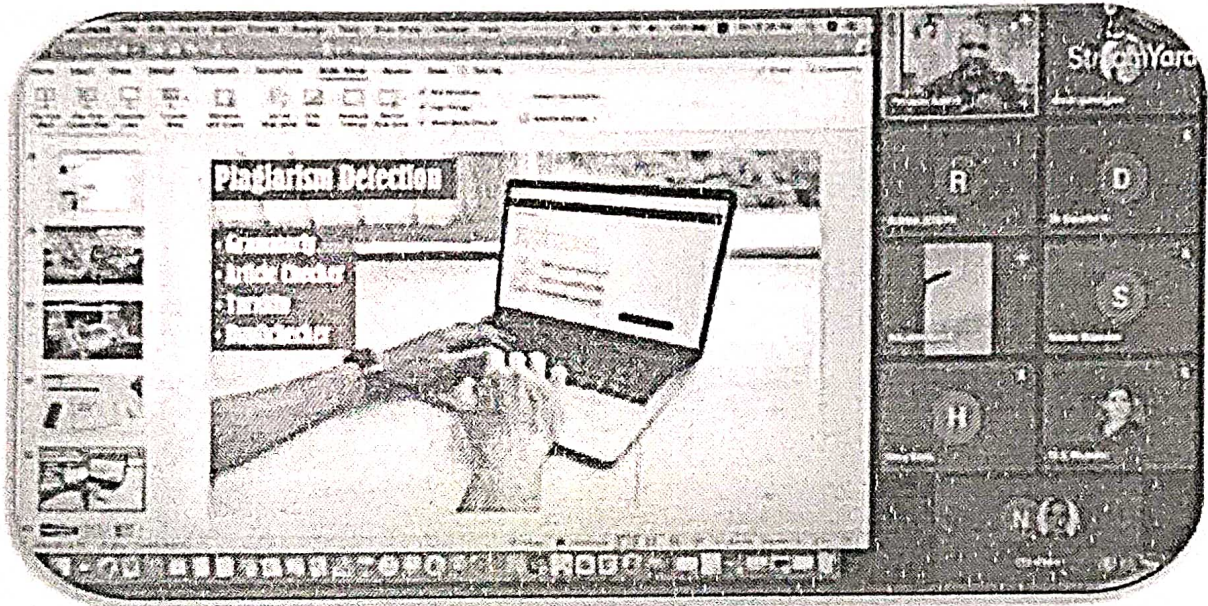


Symbaloo



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Adaptive Devices for Learning



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Evolving learning sequences for online as well as face to face Situation

Preparation of Improvised apparatus
 37 students, 8 assignments

Assignment Name	Created By	Created At
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...
04.3 Assignment B	04.3 Assignment B	...

Classwork

Assignment Name	Due Date
Practice questions III 2	Posted 28 Sep 2021
Assessment and Learning book III 1	Posted 14 Sep 2021
Practice problems on frequency table, Rang...	Due 14 Sep 2021, 23:59
Unit 2 class test	Due 26 Aug 2021, 23:59
AFL	Due 26 Jul 2021, 11:30
Practice problems on correlation and measure...	Due 26 Sep 2021, 23:59
Practice problems	Due 26 Sep 2021, 23:59

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DIGITAL PEDAGOGY

B212VGCS

Marks:100

Credits: 4

Course Objectives

At the end of the course, the student teacher will be able to

- i) get acquainted with the basic knowledge about computer and operating system
- ii) comprehend and using Microsoft office
- iii) appreciate the multiple use of ICT in Education
- iv) find required digital resources, organize and integrate in teaching-learning process
- v) use ICT enabled assessment in teaching-learning process.

UNIT I: Knowing Computer and Operating System

[10 hrs]

Computer: Basic Applications of Computer, Components of Computer System, Concept of Hardware and Software and Concept of Computing, Data and Information - Operating System: Basics of Operating System, The User Interface, Simple Setting in Operating System, File and Directory Management and Common utilities.

UNIT II: Understanding Microsoft Office

[15 hrs]

Microsoft Word: Word Processing Basics, Opening and closing Documents, Text Creation and manipulation, Formatting the Text and Table Manipulation – Microsoft Excel: Elements of Electronic Spread Sheet, Manipulation of Cell, Formula and Function – Microsoft PowerPoint Presentations: Basics, Creation of Presentation, Preparation and Presentation of Slides.

UNIT III: ICT in Education

[10 hrs]

ICT: Concept, Characteristics and Importance – Aims and objectives of National Policy on ICT in School Education in India - E-learning: Concept, Characteristics, Advantages and Potential Drawbacks of E-learning - Approaches to E-learning - E-learning Tools and Technologies: Communication Tools, Collaboration Tools, Content-Creation Tools, Delivery and Distribution Tools - Learning Management Systems (LMS) – Integration of ICT in Teaching and Learning.

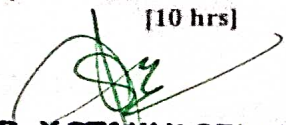
UNIT IV: ICT for Pedagogical Innovations

[15 hrs]

Approaches to integrating ICT in Teaching and Learning: Techno Pedagogical Content Knowledge (TPCK) - Web 2.0 Tools and Technologies: Wiki, Blog, Podcasts, Social Network and Social Bookmark - Constructivist Learning and ICT: UADDIE, Project Based Learning, Web Quest and Virtual Field Trip - Open Educational Resources: Concept and Significance.

UNIT V: ICT for Assessment

[10 hrs]


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Role of ICT in Assessment: Computer Assisted Assessment, Computer Adaptive Testing- Assessment: Digital Tools and Options - E-portfolio: Tools for Creating e- portfolio and Advantages of e-portfolio - Digital Rubrics: Tools for Creating Digital Rubrics - Digital Assessment Alternatives: Online Assessment, ICT for Self and Peer Assessment, Mobile Apps for Assessment - ICT applications for CCE - Trends in Technology Based Assessment.

Text Books

Arulsamy, S. (2009). Application of ICT in Education. NeelKamal Publication.
Agarwal, J.C. (2020). Educational Technology and School Management. Shri Vinod Pustak Mandir.
Sharma, R. A. (1996). Educational Technology. Loyal Book Depot.
Singh., & Sharma. (2005). E-Learning New Trends and Innovations. Deep & Deep Publications.

References

Ahuja, M. & Bhushan, A. (2012). Educational Technology: Theory and Practice Teaching Learning Process. Bawa Publications.
David, M. (2009). Project Based Learning- Using Information Technology. VivaBooks.
Kochar, S.K. (1985). Methods and Techniques of Teaching. Sterling Publishers.
Kumar, P. (2011). Web Resources in Pedagogy. Apple Academics.
Mehra, V. (2010). A Textbook of Educational Technology. Sanjay Prakashan Publishers.
Paily, M.U. (2010). Instructional Design in E-Learning. IGNOU.
Sachdeva, M.S. (2006). Essentials of Educational Technology and Management. Twenty First Century Publications.
Sachdeva, M.S. (2013). A New Approach to Teaching Learning, Process and Evaluation. Tandon Publications.

Web Resources

Knowing Computer and Operating System
<https://bit.ly/3sUNRS9>
<https://bit.ly/3cQUAnN>
Understanding Microsoft Office
<https://bit.ly/3zowUkg>
ICT in Education
<https://bit.ly/3FZeUil>
ICT for Pedagogical Innovations
<https://bit.ly/34p9Nur>
ICT for Assessment
<https://bit.ly/3pUUd21> <https://bit.ly/330tjMV>


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