

## St. Joseph's College of Education for Women

Opp. Sambasivapet 2<sup>nd</sup> Lane, Naaz Center, Guntur, A.P., India.  
(Under the Management of Society of Jesus Mary & Joseph)



2.4.5

**Documentary evidence to show adequate skills are developed in students for effective use of ICT for teaching learning process**

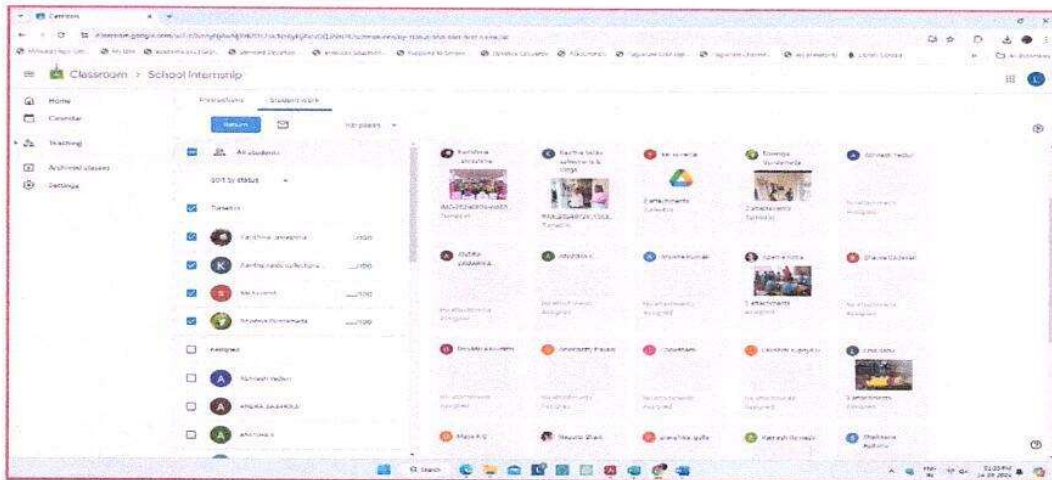


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GUNTUR-522 001., A.P.

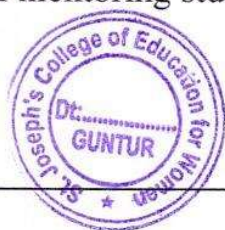
## 1. Effective use of ICT in Preparation of lesson plans

During preparation of lesson plans ICT is used for the following

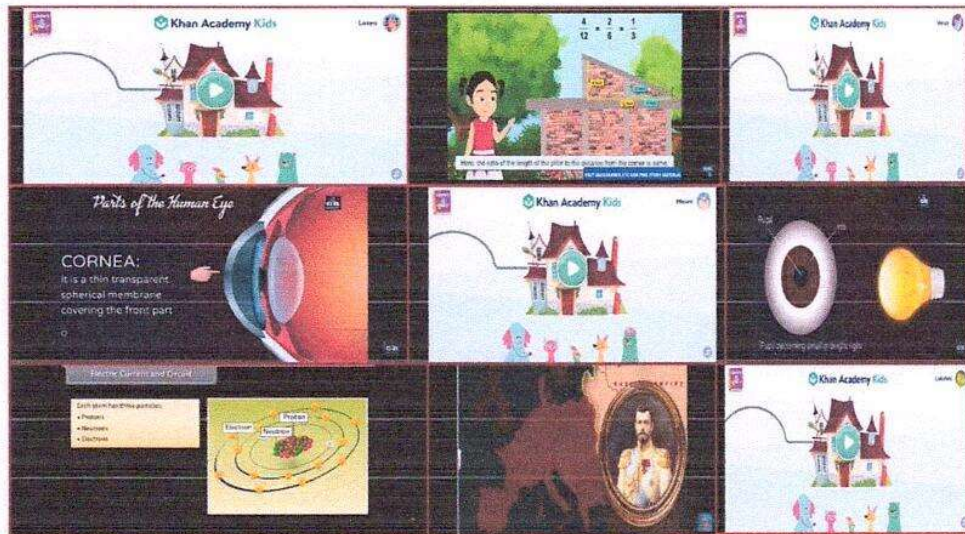
- Referring to textbooks of Andhra Pradesh State Board from SCERT site and CBSE textbooks from NCERT website
- Extra reference from websites related to the topic
- To plan for variety of learning experiences including use of virtual labs, videos, virtual tours and manipulatives
- To have interactivity during teaching in case of online lessons
- To have assessment activities through digital platforms
- Checking of lesson plans and coaching for lessons is often done online
- Students use Apps like DIKSHA and Pinterest to explore ideas that can be integrated in their lessons.
- Apps like Lesson Plan Generator and Vercel are used



Screenshot of mentoring students regarding teaching activities for lesson plan.



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Students conducted game-based learning activities that fostered engagement and critical thinking. Through interactive games, they enhanced problem-solving skills and collaborative learning, making education enjoyable and impactful.



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## Master PDF Editor - Demo Version



**St. Joseph's College of Education for Women, Guntur**  
**Acharya Nagarjuna University, Andhra Pradesh**



**In Collaboration with**  
**North-Eastern Hill University, Shillong**

**One Day National Workshop on**  
**Online Learning: Grow with Google Workspace**

**25<sup>th</sup> June 2021 10:00 A.M. onwards**  
(Online Mode)



**Keynote Speaker &**  
**Workshop Coordinator**

**Prof. T. Swarupa Rani**  
Principal, and Dean Faculty of Education  
Acharya Nagarjuna University, Guntur



**Correspondent**

**Dr. Sr. G. Theresamma**  
St. Joseph's College of Education for Women



**Administrator**

**Sr. Y. Rajakumari**  
Superior  
Holy Rosary Convent, Guntur



**Resource Person &**  
**Workshop Coordinator**

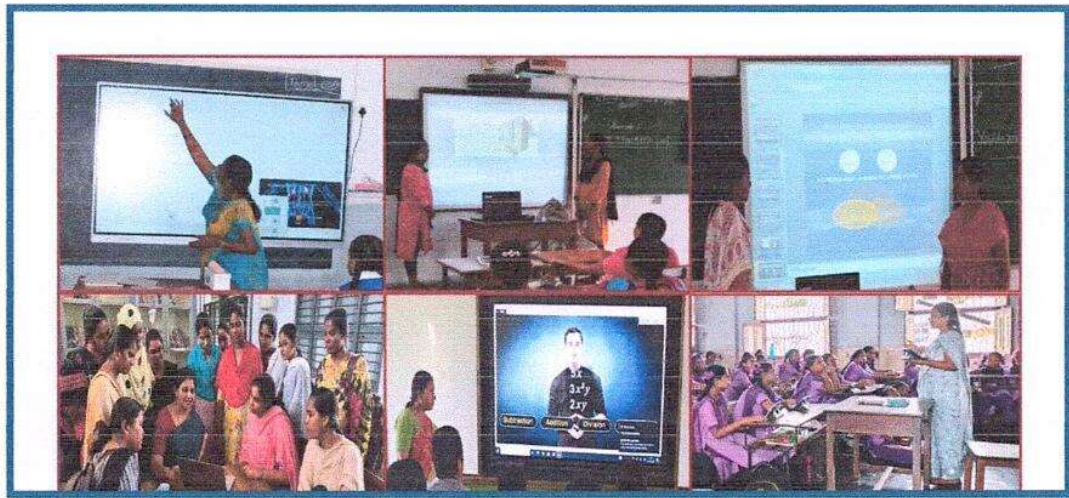
**Dr. Naraginti Amareswaran (Dr. N.A. Reddy)**  
Assistant Professor  
Dept of Education  
NEHU, Shillong

### About the Workshop

The COVID-19 pandemic has changed education forever. Globally, over 1.2 billion children are out of the classroom. As a result, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. Research suggests that online learning has been shown to increase retention of information, and takes less time. The developed countries and few states in India, have integrated ICT in school education and higher education. The Government of Andhra Pradesh in collaboration with Intel, has trained lakhs of school teachers to integrate ICT in their teaching-learning process. The Government of India has initiated various kinds digital programmes for school education to higher education. There are more than 40 Digital Initiatives for education. These initiatives are more useful in the present pandemic situation. Many online learning tools are available free of cost. The Google has initiated many educational programmes for students, teachers, researchers and parents. The Google Workspace is available for all G-mail users. The Google Education has offered many courses and tools to strengthen the existing education. The Google has initiated many programmes under Grow with Google. The main learning outcomes of the workshop are, i) Discuss the role of Google in improving the learnability of learners; ii) Identify the different types of learning tools; and iii) Describe what Applied Digital Skills is and some of



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Session on use of Apps for Lesson planning


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 CORDIALLY INVITES YOU TO WORKSHOP ON  
**MICRO TEACHING**  
 &  
**BLUE PRINT**



28 - 1 - 2019 10: 00 AM STANISLAS HALL	DR. RAMA KRISHNA & DR. SARADA NIVEDITHA
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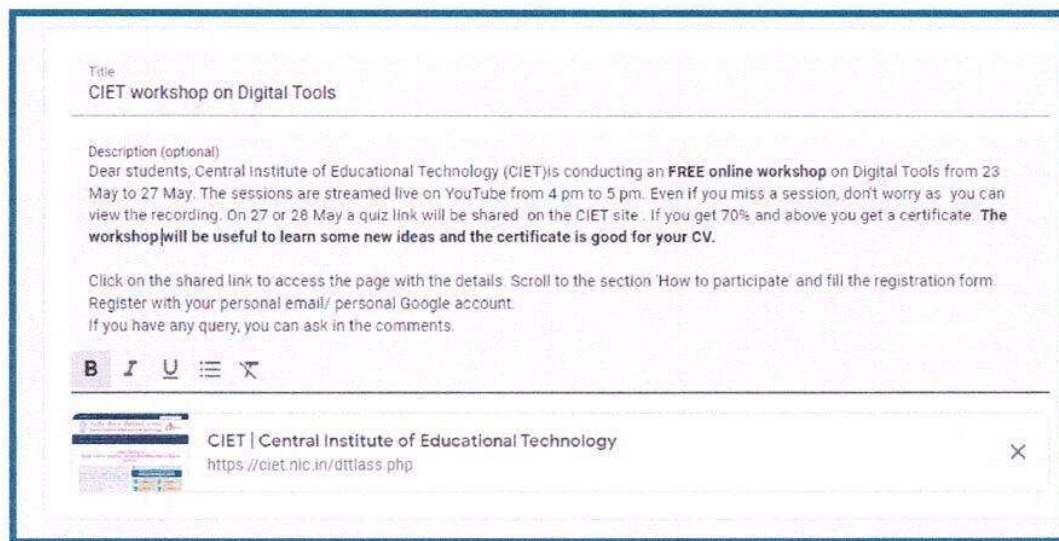
*T. Mangalamma*

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## 2. Effective Use of ICT in developing assessment tools for both online and offline learning

ICT is used widely for developing assessment tools. Students are trained to create assessment tools during the Value-Added Courses on E Content Development and Apps in Education. Digital worksheets, Quizzes made on Kahoot, Google Forms and Wordwall are used for evaluation.



Screenshot showing notice to students regarding workshop on Digital Tools



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**Curriculum Development Cell (CDC)**

**Joseph 's Brainstorm Clique (JBC)**

**We are happy to invite you all for  
the talk on**

**Next-New Generation  
Educational Technologies**

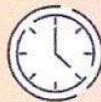
**By  
Dr.Ts.Subhasini**

**Assistant professor in Education**

**St.joseph college of education for women**



**13/12/2023**



**4:30 pm**



**Board room**

**st.joseph's college of education  
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**Virtual and Augmented Reality in  
Education**

**By**

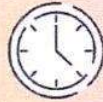
**Dr.J.VijayaKumari**

**Assistant professor in Telugu**

**St.joseph college of education for women**



**21/06/2023**

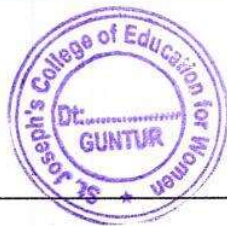


**4:30 pm**



**Board room**

**st.joseph's college of education  
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**Joseph 's Brainstorm Clique (JBC)**

**We are happy to invite you all for  
the talk on**

**E-content Development**

**By**

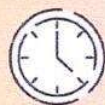
**Dr.P.Prasanthi Madhavi Latha**

**Assistant professor in physical sciences**

**St.joseph college of education for women**



**09/11/2022**



**4:30 pm**



**Board room**

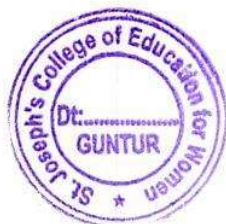
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### 3. Effective use of social media/learning apps/adaptive devices for learning

Students refer to learning apps like DIKSHA to prepare for lessons. Apps like Screen Cast-o-matic and Inshot are used to create recorded lessons and videos. Pinterest is used to explore learning resources and ideas shared by teachers. In case of doubt regarding the pronunciation and usage of vocabulary, students refer to online dictionaries and audios for right pronunciation.



*P. Swargam*  
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This photo shows students creating Teaching and Learning Materials (TLM) using innovative apps. Their efforts highlight the integration of technology to enhance educational experiences.



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#### 4. Identifying and selecting/ developing online learning resources

Students are guided how to identify and select appropriate and reliable online resources. Generally, the criteria used are to check for content accuracy, authenticity and also to keep in mind the level of the learners for whom the resource will be used. Student-teachers also prepare online resources to enhance the effectiveness of their lessons. A list of the online resources and platforms used is shown below

No	Resource type	Platform/s
1	Online quizzes and tests	Kahoot, Google Forms
2	Evaluation through drag and drop activity, quiz, label the diagram, multiple choice	H5P, Wordwall
3	Digital Story Books	Story jumper
4	Digital worksheets	liveworksheets.com
5	Teacher made videos	Inshot, screencastomatic
6	Interactive E content	Thinglink
7	Interactive videos	H5P
8	Online discussions, online displays	Padlet
9	Digital posters	Canva

Students effectively prepared their lesson plans using various apps designed for educational purposes. These tools facilitated the creation of well-structured and engaging lesson content, enabling students to incorporate multimedia resources, interactive elements, and clear objectives. The apps provided templates and guidance, ensuring that each lesson plan was both comprehensive and tailored to the specific needs of the learners. As a result, students produced lesson plans that were organized, informative, and ready for implementation in the classroom.



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Model Lesson Plan  
- Biology

Teacher's Name: JULIE M P

Date: 09/10/2023

Class: X

Section: A1

**Life Process**

Sub Topic: Structure and Function of the Heart Learning Points:

1. External Features of the Heart
2. Internal Structure and Functions of the Heart
3. Arteries and Veins associated with the Heart

Teaching -Learning Objectives: After teaching the students will be able to

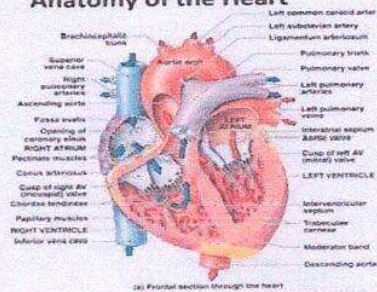
➤ **Knowledge:**

1. The pupil recalls Human Heart is four Chambered Heart.
2. The Pupil recognizes the shape of the Human heart.
3. The pupil recalls the functions the arteries and veins.

➤ **Comprehension: Comprehend**

1. The pupil explains the structure of Human heart with the help of Chart.
2. The pupil identifies the different parts of the Heart.
3. The pupil describes the structure and function of Human Heart
4. The pupil differentiates the structure and function of Left and Right part of the Heart.
5. The pupil explains the role of Bicuspid and Tricuspid valves in preventing the backflow of blood from ventricles to Auricles.

**Human Heart: Diagram and Anatomy of the Heart**

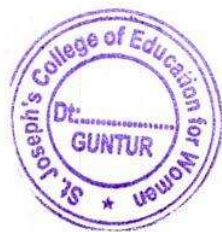
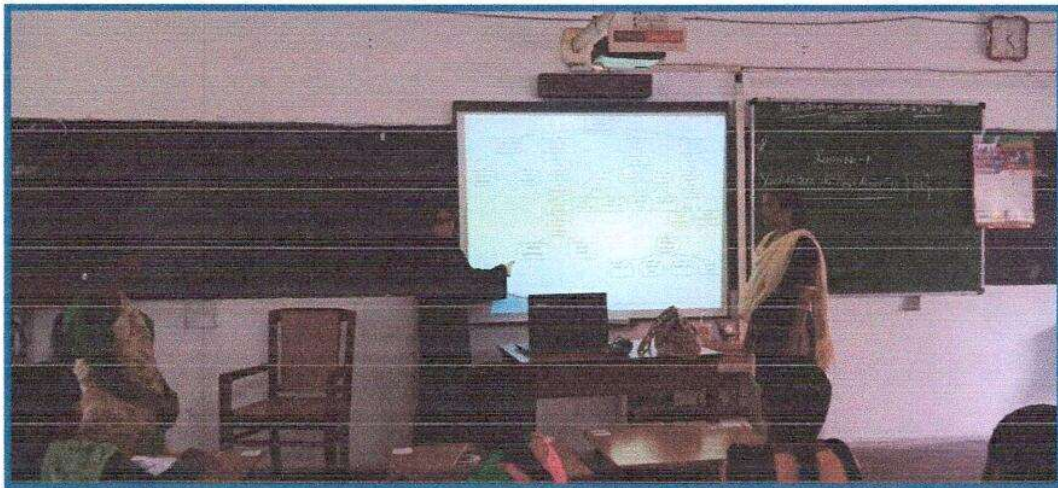


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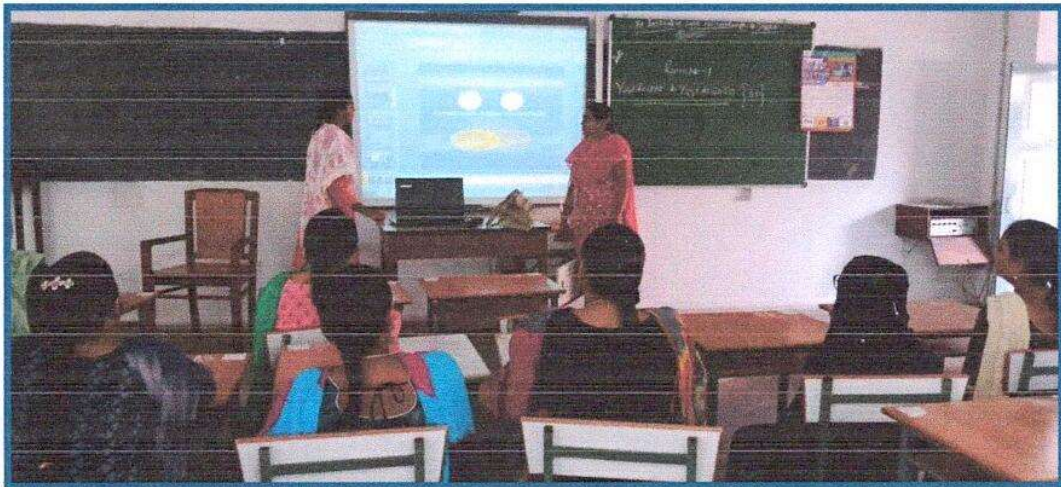
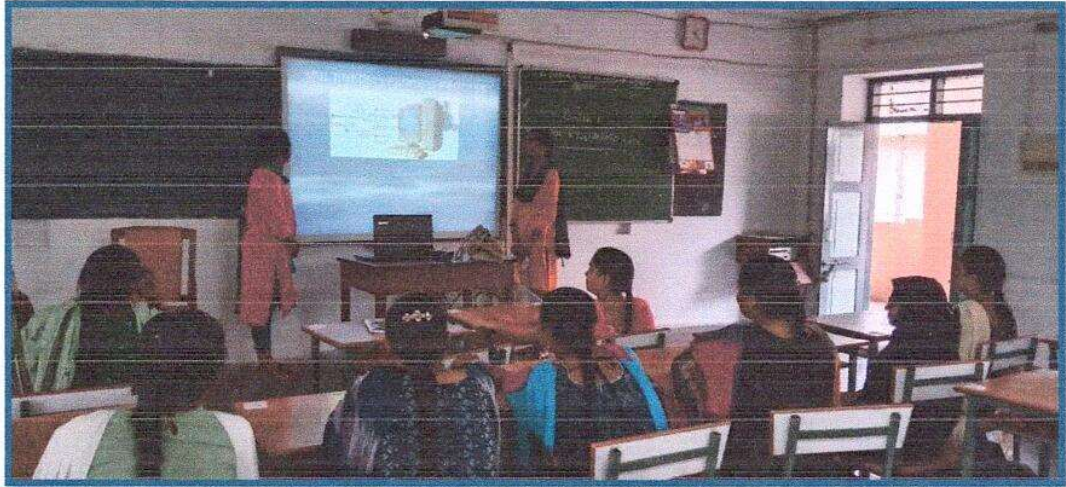
**5. Effective use of ICT in evolving learning sequences (learning activities) for online as well as face to face situations**

During the lockdown, student-teachers utilized platforms such as Padlet, Jamboard, and Ideaboardz to facilitate online discussions, which enriched topic development through participant feedback. For face-to-face lessons, ICT-based activities included using videos to stimulate discussions, interactive presentations, and presenting case studies. If the internship school had Wi-Fi, students explored relevant websites during lessons and employed digital platforms for quizzes and evaluations.

Photos use of ICT in Teaching Learning Process



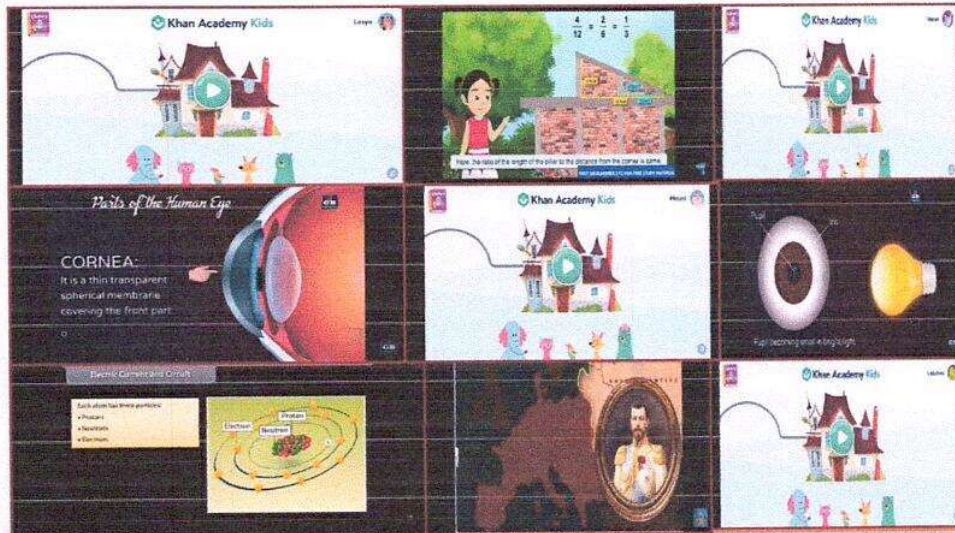
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