



St. Joseph College of Teacher Education for Women Ernakulam



CRITERION II

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

(Other Relevant Information)

Submitted to
National Assessment and Accreditation Council (NAAC)
3rd Cycle of Assessment



2.4.5

Other relevant information

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ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Training on digital lesson plan preparation using Canva template and Google Slides

Name of the Event	Workshop on digital lesson plan preparation using Canva template and Google Slides
Objectives	<ol style="list-style-type: none">1. Promote Digital Literacy2. Enhance Pedagogical Skills3. Visual Lesson Plans4. Adapt to Diverse Learners5. Efficiency and Creativity6. Address Inclusivity
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	July 18, 2022
Time	3.00-4.30 pm
Venue	Multi Purpose Hall

Key Highlights:

1. Introduction to Canva: The workshop began with an introduction to Canva, emphasizing its user-friendly interface and its potential for creating visually appealing educational materials.
2. Exploration of Templates: Participants were guided through various Canva templates suitable for lesson planning, including customizable options for different subjects and age groups.
3. Step-by-Step Guidance: Reshmi R. K provided step-by-step guidance on how to use Canva to design lesson plans, incorporating elements like text, images, icons, and graphics.
4. Hands-on Practice: Educators engaged in hands-on practice, creating their own digital lesson plans using Canva templates. This practical experience allowed them to apply their learning immediately.





5. **Sharing and Feedback:** Participants had the opportunity to share their newly created lesson plans and receive feedback from their peers and the resource person, fostering collaborative learning.
6. **Customization and Personalization:** The workshop emphasized the importance of customizing lesson plans to meet specific learning objectives and the needs of individual students.

Key Highlights:

1. **Introduction to Google Slides:** The workshop began with an introduction to Google Slides, highlighting its user-friendly interface and its potential for creating interactive educational materials.
2. **Exploration of Templates:** Participants were introduced to various Google Slide templates suitable for lesson planning, including customizable options for different subjects and grade levels.
3. **Step-by-Step Guidance:** Reshmi R. K provided step-by-step guidance on how to use Google Slides to design lesson plans, incorporating elements such as text, images, videos, and interactive features.
4. **Hands-on Practice:** Educators engaged in hands-on practice, creating their own digital lesson plans using Google Slide templates. This practical experience allowed them to apply their learning immediately.
5. **Sharing and Collaboration:** Participants had the opportunity to share their newly created lesson plans with peers, fostering collaboration and the exchange of creative ideas.
6. **Customization and Adaptation:** The workshop emphasized the importance of customizing lesson plans to meet specific learning objectives and adapting them to address the needs of diverse student groups

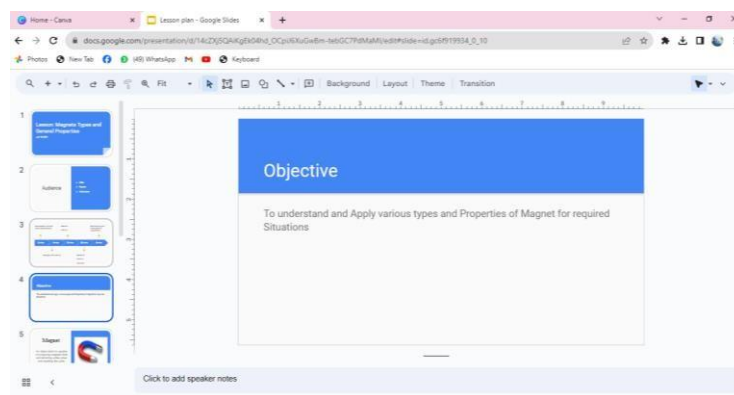
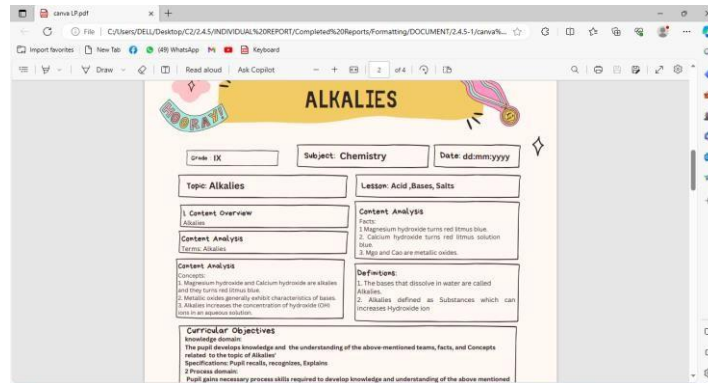
Conclusion:

The Workshop on Digital Lesson Plan Preparation using Canva Template and , Google Slides led by Reshmi R. K, was a highly informative and interactive session that empowered educators with valuable skills. Participants learned how to use Canva to create visually appealing and effective digital lesson plans, enhancing their teaching methods. Participants learned how to leverage Google Slides to create engaging and effective digital






lesson plans, enhancing their teaching methods and promoting collaboration among educators.



ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM

TRAINING ON DIGITAL LESSON PLAN Using Google Slide

RESOURCE PERSON



RESHMI R.K
SCIENCE EDUCATOR
ST. JOSEPH TTI
ERNAKULAM

18/7/2022
MULTI PURPOSE HALL
3 -4.30 PM
NB:BRING YOUR LAPTOP OR ANDROID PHONE





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Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Training on digital self-assessment tool

Name of the Event	Training on digital self-assessment tool
Objectives	<ul style="list-style-type: none">• To introduce a self-assessment e-tool for high school students.• To enhance the learning experience of students through technology.• To provide a structured platform for self-assessment and improvement.• To promote independent learning and critical thinking.• To understand the preparation and application of Digital Check List, Digital Rating Scale, Digital Rubrics
Resource Person	Reshmi R.K, Science Educator, St. Joseph TTI Ernakulam
Date	January 4, 2023
Time	1.00-4.30 pm
Venue	Multi Purpose Hall

The self-assessment e-tool presented by Reshmi R.K is a digital platform designed to empower high school students in evaluating their own progress and enhancing their learning outcomes. Can access resources and assess their own performance, fostering critical thinking and self-reliance.

In today's rapidly evolving educational landscape, the integration of technology has become a pivotal aspect of enhancing the learning experience for high school students. On January 4, 2023, Reshmi R.K, a distinguished Science Educator at St. Joseph Teacher Training Institute in Ernakulam, presented a novel concept – a self-assessment e-tool for high school students. This report aims to provide an overview of this initiative and its objectives.

The self-assessment e-tool presented by Reshmi R.K represents a significant advancement in high school education. Its implementation aligns with the objectives of enhancing learning experiences, fostering independent learning, and promoting structured self-assessment. This innovative approach could potentially revolutionize the way high school students engage with their educational content and could serve as a model for similar initiatives in the future. This tool incorporates various features and resources to facilitate self-

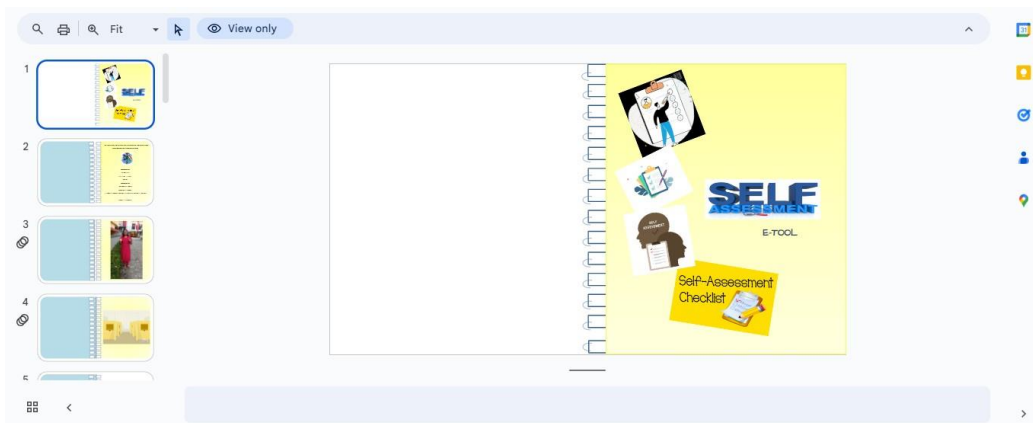




assessment, including check List, Rating Scale, Rubrics as tool progress tracking, and access to learning materials.

Conclusion

As the educational landscape continues to evolve, the importance of technology-driven tools for students' growth cannot be understated. The self-assessment e-tool is a valuable addition to this landscape, and its successful implementation has the potential to positively impact the educational journey of high school students.



ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM

TRAINING ON DIGITAL SELF ASSESSMENT TOOLS
4/1/2023

RESOURCE PERSON



RESHMI R.K
SCIENCE EDUCATOR
ST.JOSEPH TTI
ERNAKULAM

MULTI PURPOSE HALL
1-4.30 PM
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Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
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Training on effective use of social media, learning apps and adaptive devices for learning

Name of the Event	Training on effective use of social media, learning apps and adaptive devices for learning
Objectives	<ol style="list-style-type: none">1. To explore the potential of social media platforms like Facebook, WhatsApp, Instagram, and YouTube in the context of education.2. To understand the relevance and utilization of various learning apps for subjects ranging for General and Optional Papers3. To demonstrate the advantages of adaptive devices, including Interactive Digital Whiteboard, Jamboard, and Audio Textbooks in the learning process.
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	December 6, 2022
Time	2.00-4.30 pm
Venue	Multi Purpose Hall

Training Content

The training focused on the effective use of social media, learning apps, and adaptive devices for enhancing the learning experience

Social Media for Learning

Facebook: Introduced private groups for class discussions and sharing resources. Utilizing the live streaming feature for interactive lectures and Q&A sessions.
WhatsApp: Creating class-specific groups for sharing assignments and updates
Instagram: Sharing visual content relevant to the curriculum. Engaging students through visually appealing educational content.





YouTube-Introduced important content Playlist recorded lectures for students' reference.

Telegram-Introduced Telegram group created by MG University for all 3 General Papers. Samagra e portal: Introduced Kerala State E-Learning Resource

Learning Apps

Ms. Reshmi introduced various learning apps tailored for different subjects, including:

Learning Apps:

1. General Education (Philosophy)
2. General Education (Psychology)
3. General Education (Technology)
4. Optional Subjects

She provided insights into how each app can aid in comprehensive learning and complement traditional teaching methods.

Adaptive Devices

The training also covered the following adaptive devices:

Jamboard

The benefits of using Jamboard for collaborative brainstorming and idea sharing were explained. Ms. Reshmi showcased how it can be used to foster creativity and group participation.

Audio Textbook

The significance of audio textbooks for differently-abled students and those with different learning styles was discussed. The training emphasized the importance of inclusive education through audio resources.

Conclusion

This training session provided valuable insights into the effective use of social media, learning apps, and adaptive devices for learning. The practical demonstrations and real-world examples shared by Ms. Reshmi R.K. have equipped the participants with innovative tools and strategies to enhance the learning experience for students. It is essential to continuously





explore and integrate these technologies into the education system to ensure holistic learning and development.

**ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR
WOMEN ERNAKULAM**



**TRAINING ON EFFECTIVE USE OF
SOCIAL MEDIA LEARNING APPS AND
ADAPTIVE LEARNING DEVICES FOR
TEACHING-LEARNING PROCESS**

RESOURCE PERSON



**RESHMI R.K
SCIENCE EDUCATOR
ST. JOSEPH TTI
ERNAKULAM**

December 6, 2022
MULTI PURPOSE HALL
2PM-4.30 PM
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Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
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Training on simulated experiments with PhET interactive simulations

Name of the Event	Training on simulated experiments with PhET Interactive Simulations
Objectives	<ol style="list-style-type: none">1. Introduce the Concept2. Highlight the Benefits3. Demonstrate Tools4. Explain Key Elements5. Promote Collaboration6. Encourage Creativity
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	Date: May 4, 2023
Time	4.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts Covered:

Throughout the workshop, participants were introduced to several key concepts related to simulated experiments and the use of PhET Interactive Simulations:

1. Simulated Experiments: The workshop emphasized the significance of simulated experiments as a valuable tool in education. Simulated experiments provide a virtual platform for students to conduct experiments, make observations, and analyze results.
2. PhET Interactive Simulations: Students were introduced to PhET Interactive Simulations, a resource that offers a wide range of free, research-based science and math simulations. PhET simulations are designed to make complex concepts accessible and engaging.
3. 3. Exploration and Creation: Participants learned how to explore existing simulations using the "EXPLORE OUR SIMS" option on the PhET platform. Additionally, they were





4. introduced to the concept of creating their own simulations for customized learning experiences.

Highlights of the Workshop:

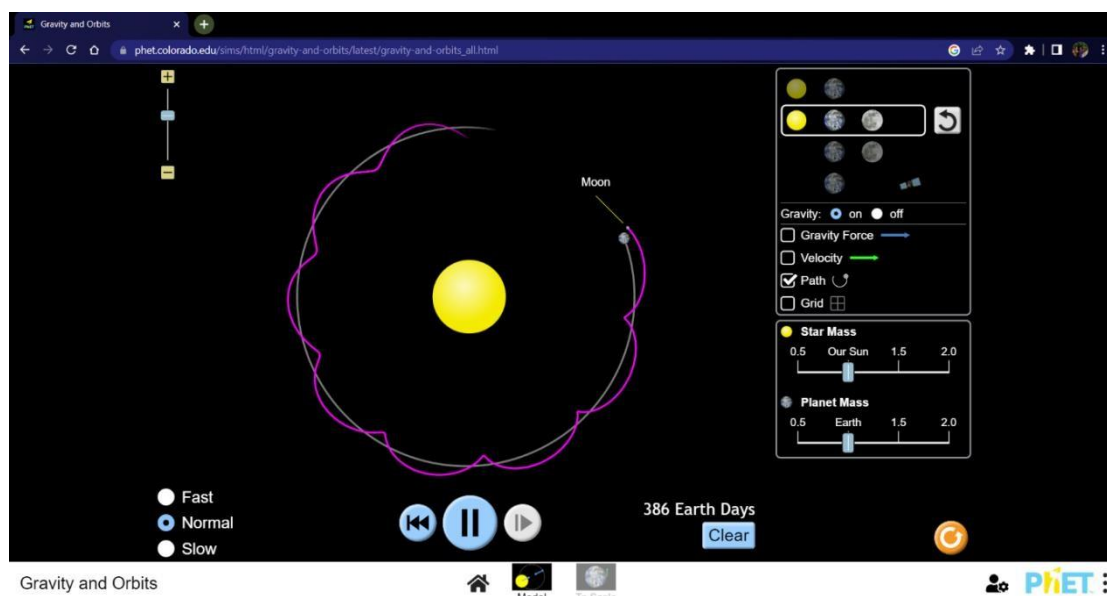
1. Hands-on Experience: The workshop provided students with a hands-on experience of using PhET Interactive Simulations. They had the opportunity to explore various simulations and engage in simulated experiments.
2. Guided Learning: Mrs. Reshmi R.K guided participants in using the simulations effectively, helping them understand scientific concepts through practical application.
3. Critical Thinking: Simulated experiments were shown to be a space for critical and evaluative thinking. Students were encouraged to analyze their observations and draw conclusions based on their simulated experiments.

Conclusion:

The workshop on simulated experiments conducted by Mrs. Reshmi R.K on May 4, 2023, was an enlightening and educational experience. Participants gained valuable insights into the world of simulated experiments and discovered the educational potential of PhET Interactive Simulations. These simulations provide an engaging platform for critical thinking and hands-on learning.

Acknowledgment:

We extend our appreciation to Mrs. Reshmi R.K for her expertise and dedication in conducting this workshop. Her efforts in promoting innovative teaching and learning techniques are commendable.





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Training on simulated classroom environment session

Name of the Event	Training on simulated classroom environment session
Objectives	<ol style="list-style-type: none">1. Immerse in Teaching Practice2. Enhance Pedagogical Skills3. Practice Classroom Management4. Adapt to Diverse Learners5. Receive Constructive Feedback6. Address Inclusivity
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	November 15, 2022
Time	4.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts:

During the session, several key concepts were addressed:

1. Simulated Classroom Environment: The concept of a simulated classroom environment was introduced as a space where students can engage in experiential learning, critical thinking, and diverse educational experiences.
2. Benefits of Simulated Learning: Participants learned about the benefits of simulated learning, including its capacity to promote active learning, problem-solving, and skill development.
3. Methods for Creating Simulated Classrooms: Mrs. Reshmi R.K discussed various methods for creating simulated classroom environments, such as virtual reality, gamification, and interactive simulations.



4. Introduction to Animaker App: A significant portion of the session was dedicated to introducing the Animaker app as a versatile tool for designing and developing simulated classroom experiences

Highlights of the Session:

1. Exploring Simulation Techniques: Participants were encouraged to explore different simulation techniques and understand how they can be applied in educational settings.
2. Hands-on Experience: Mrs. Reshmi R.K provided a hands-on experience by demonstrating the use of the Animaker app to create a simulated classroom environment. This practical demonstration allowed participants to see the tool in action.
3. Interactive Q&A: The session included an interactive question-and-answer session where participants could seek clarifications and share their thoughts on simulated learning.

Conclusion:

The session on creating a simulated classroom environment by Mrs. Reshmi R.K on November 15, 2022, was informative and engaging. Participants gained valuable insights into the concept of simulated learning, its benefits, and various methods for implementation. The introduction to the Animaker app as a tool for designing simulated classroom experiences was particularly noteworthy.





Training on digital mind map preparation

Name of the Event	Training on digital Mind Map preparation
Objectives	<ol style="list-style-type: none">1. Introduce the Concept2. Highlight the Benefits3. Demonstrate Tools4. Explain Key Elements5. Promote Collaboration6. Encourage Creativity
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	17-5-2023
Time	4.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts Covered:

Throughout the workshop, participants were introduced to several key concepts related to Mindmap creation:

1. What is a Mindmap: Mrs. Reshmi R.K explained that a Mindmap is a visual representation of ideas and information centred around a central theme. It involves branching out with related ideas radiating from the central concept.
2. Key Elements: Students learned about the essential elements of a Mind map, including using child-friendly fonts, curved lines, and assigning a single color to each branch. These elements help in making the mind map visually engaging and easy to understand.
3. Information Retention: Participants were guided on how Mindmaps can help in better understanding and retaining information. The visual and structured nature of Mindmaps aids in memory retention and recall.



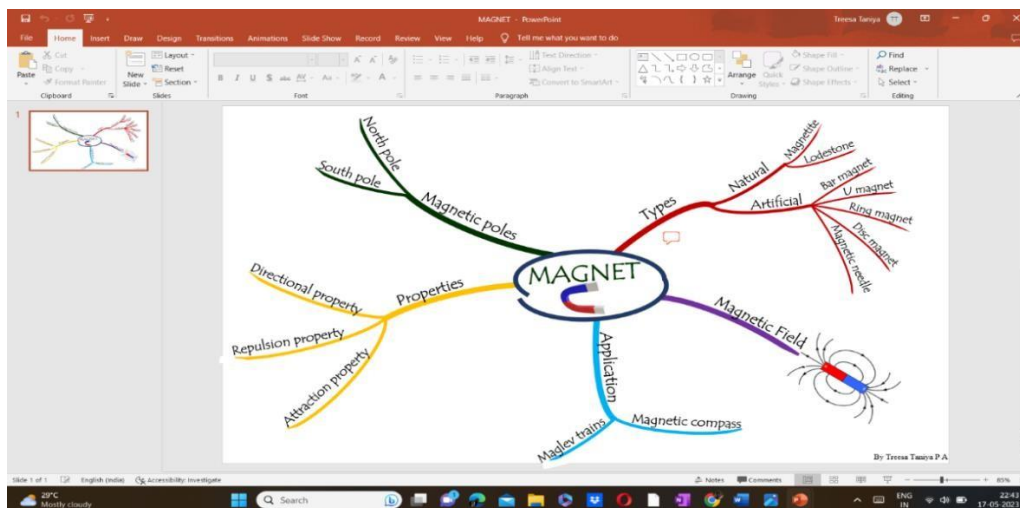


Highlights of the Workshop:

1. Hands-on Experience: The workshop provided participants with a hands-on experience of creating Mindmaps using various applications and online platforms.
2. Templates and Customization: Students explored different templates and customization options to create visually appealing and informative Mindmaps. They could add pictures, animations, different styles, and designs to enhance their creations.
3. Interactive Learning: The workshop encouraged interactive learning, allowing students to ask questions, seek guidance, and share their experiences while creating Mindmaps.

Conclusion:

The workshop on Mindmap creation conducted by Mrs. Reshmi R.K was an enriching and educational experience. Participants gained valuable insights into the art of creating Mindmaps, which are powerful tools for organizing and visualizing information. They also learned how to use various applications and templates to create engaging and informative Mindmaps.





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Training on digital concept map preparation

Name of the Event	Training on digital Concept Map preparation
Objectives	<ol style="list-style-type: none">1. Emphasize Clarity2. Teach Information Organization3. Discuss Use Cases4. Provide Practical Tips5. Address Accessibility
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	October 3, 2022
Time	3.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts Covered:

During the orientation class, participants were introduced to several key concepts related to online concept map preparation

1. Importance of Concept Maps: The session emphasized the significance of concept maps as visual tools for organizing and representing information, making complex topics more understandable.
2. Online Tools for Concept Maps: Mrs. Reshmi R.K discussed various online software tools, such as MS Word and PowerPoint, that can be used to create concept maps digitally.
3. Canva Templates: Participants were informed about Canva, a popular online platform that offers a wide range of templates for concept maps, making the creation process more accessible and efficient.



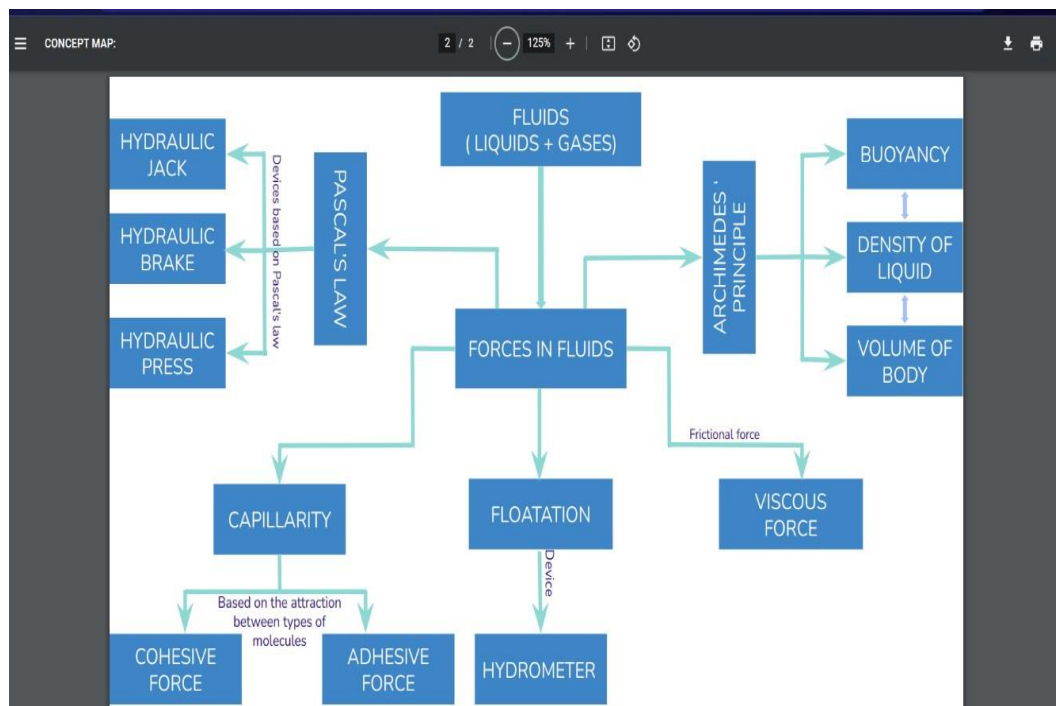


Highlights of the Session:

1. Clear Instructions: Mrs. Reshmi R.K provided clear and detailed instructions on how to create concept maps using both MS Word, PowerPoint, and the Canva website. Participants learned about layout design, text formatting, and visual elements.
2. Practical Demonstration: The resource person conducted a practical demonstration, guiding participants through the step-by-step process of creating a concept map using one of the recommended tools. This hands-on experience allowed participants to grasp the concepts effectively.
3. Interactive Discussion: The session included an interactive discussion where participants had the opportunity to ask questions, seek clarifications, and share their experiences related to concept map creation.

Conclusion:

The orientation class on online concept map preparation conducted by Mrs. Reshmi R.K on October 3, 2022, was a valuable and informative session. Participants gained insights into the significance of concept maps and learned how to create them using various online tools.





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Orientation on Digital Concept Map Preparation

RESOURCE PERSON



**RESHMI R.K
SCIENCE EDUCATOR
ST. JOSEPH TTI
ERNAKULAM**

October 3, 2022

MULTI PURPOSE HALL

3-4.30 PM

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Workshop on developing online learning resources

Name of the Event	Orientation on developing online learning resources
Objectives	<ol style="list-style-type: none">1. Introduce the Concept2. Highlight the Benefits3. Demonstrate Tools4. Explain Key Elements5. Promote Collaboration6. Encourage Creativity
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	Date: January 1- 5, 2023
Time	1.30 -4.30 pm
Venue	Multi Purpose Hall

List of Learning Resource Materials:

1. Digital Science Album: A comprehensive digital resource that provides access to science-related content, including images, text, and interactive elements.
2. Digital Dictionary: An online dictionary designed to assist students in quickly looking up and understanding key terms and concepts related to the subject matter.
3. Digital Lab Manual: An interactive online lab manual that guides students through laboratory exercises and experiments, offering step-by-step instructions and explanations.
4. Digital Project Book: An online platform for students to create and present their projects, with multimedia elements such as text, images, and videos.
5. E-Workbook: A digital version of workbooks that allows students to complete exercises, quizzes, and assignments online.





6. E-Content: Digital content resources, including text, multimedia, and interactive materials, designed to support the learning process.
7. E-Question Bank: An online repository of questions and assessments to help students practice and test their knowledge.
8. Audio Textbook: Audio recordings of textbooks or relevant content to support auditory learners.
9. Science In Daily Life: Online resources and examples demonstrating how scientific concepts are applied in everyday life.
10. Digital Formula Book: A digital resource containing formulas, equations, and mathematical content related to the subject.
11. Student's e-Guide: Online guides designed to help students navigate the learning materials effectively.
12. Science Quiz Book: Interactive quizzes and assessments related to science topics to test and reinforce learning.
13. Digital Puzzle Book: Interactive puzzles and games designed to engage students and reinforce learning through fun activities.
14. Digital Unit Book: Online resources organized by units or topics to facilitate structured learning.

It was made in the form of a flipbook consisting of experimental videos and knowledge about the respective topics. The tools used were Power Point presentation (2019), for introductory video, Animaker for animation videos and Clipchamp-video editor (Microsoft 2019), to edit all videos. Experimental videos were made using materials present at my home and all videos were given my own voice over. Clock needle animation effect was made using the features of Microsoft PowerPoint 2019 in the resource material to convey the summary of the respective topics.

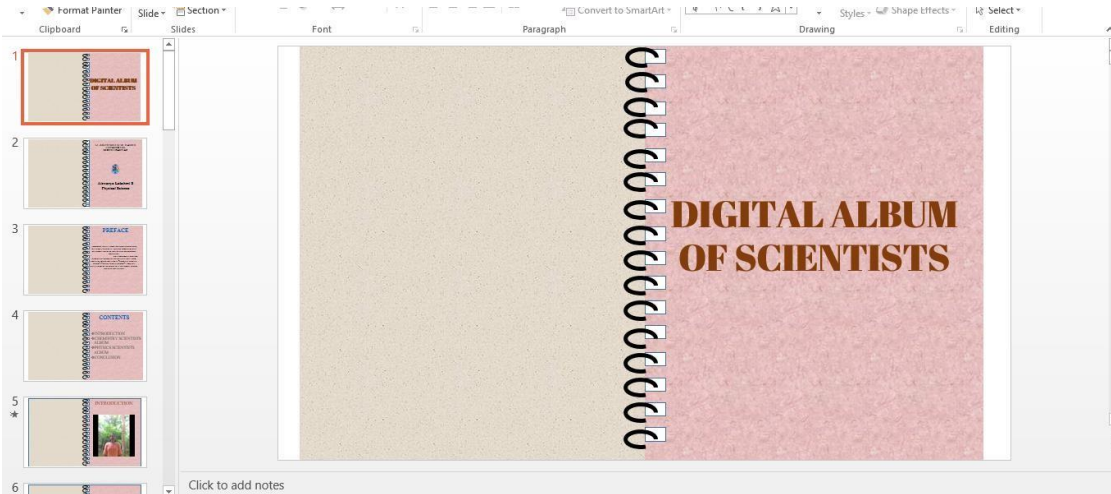
The e-content material will help the students to develop scientific temper and scientific attitude. They will understand the science behind various things happening around them. Thereby, students will be able to relate the theory they learnt with the happenings in their daily life, making the knowledge sustain in their mind for a long time. It should be kept in mind that content is anything that adds value to the reader's life





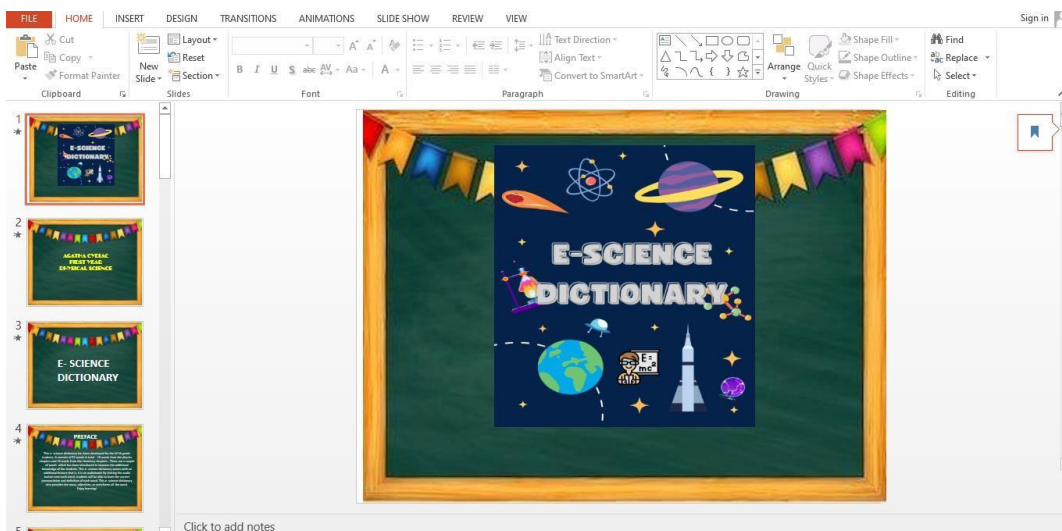
1. Digital Science Album

It explains the life journey of various scientists and also their milestone inventions. Tool used for the practical work was PowerPoint presentation (Microsoft PowerPoint 2016).



2. Digital Dictionary

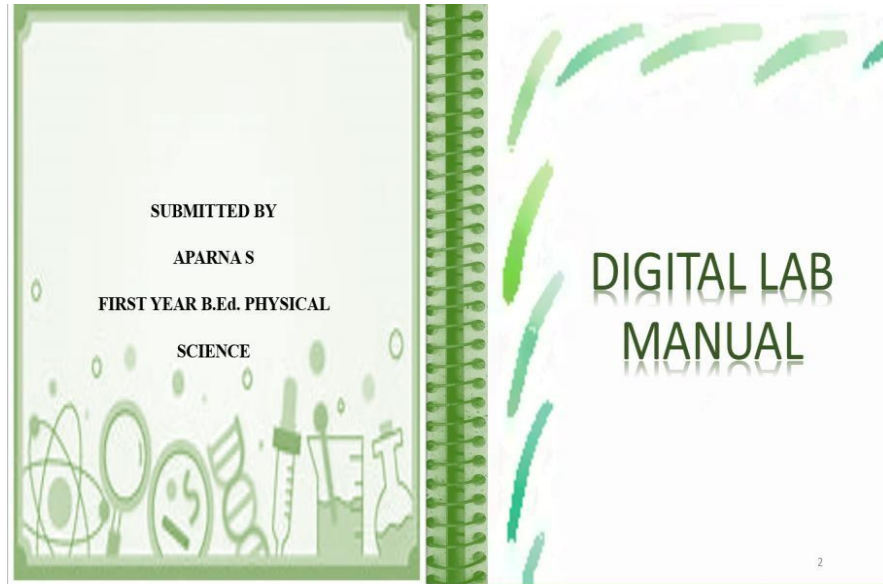
An E dictionary is an Electronic reference resource that contains a science words and their meanings, spellings. Sometimes electronic dictionaries serve a similar function to regular dictionaries; They are searchable they allow one to find specific bits of information about words.





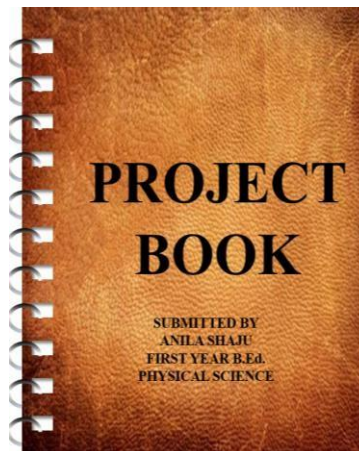
3. Digital Lab Manual

Digital lab manual along with providing all other data provided by a digital manual, provides experimentation videos, which further enhances the student's interest and motivates them to perform well in the laboratory.



4. Digital Project Book

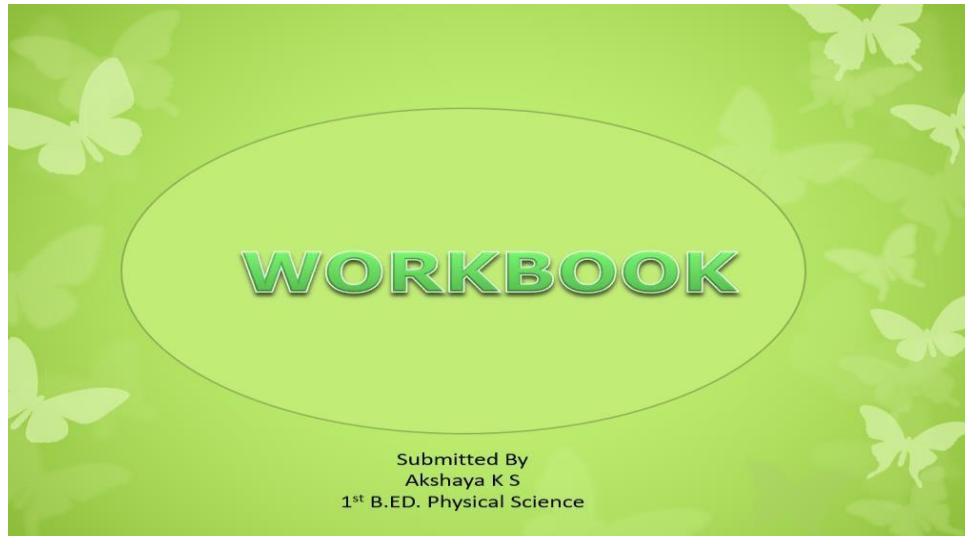
This presentation on 'e-Project Book' for high school students. It explains the format of a science project report. The tool used for the practical work was PowerPoint presentation and Graphics (Microsoft PowerPoint 2010). For this work, it is created an e- project book including 2 projects each from physics and chemistry designed work as a flipbook consisting of Pictures, Videos and Audio.





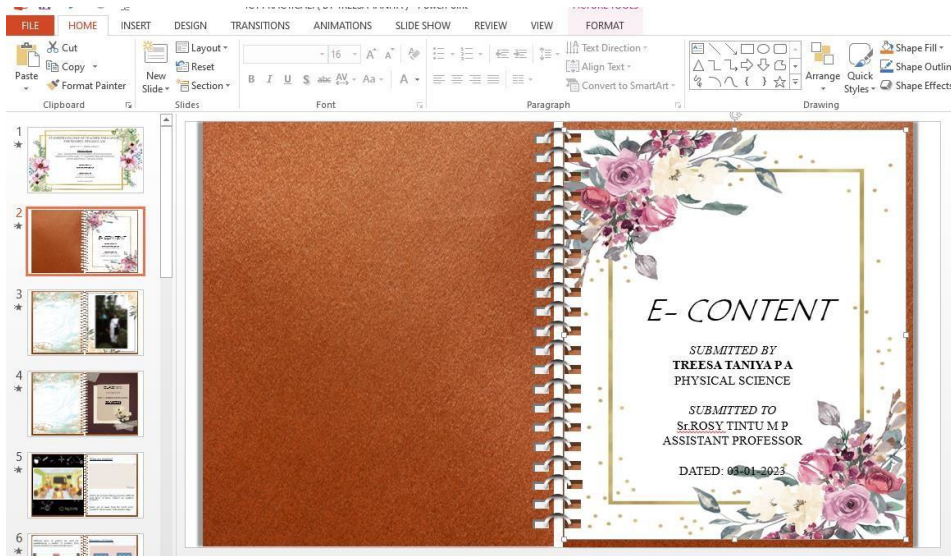
5. E-Workbook

This digital workbook for class VIII chemistry and physics exposes the various patterns of questions possible from each and every section. The questions are arranged in such a way that the child alone could move across the material with ease of work without external assistance.



6. E-Content

E-content is the innovation of technology to design, deliver, select, administer and extend learning. E-content in education is a powerful tool that can be used effectively and proficiently within the classroom to make more exciting learning environment and deliver a higher level of educational expertise to students.





7. Digital Programmed Instruction

The learning resource material (presentation on programmed learning material) will help the students to develop a scientific temper and scientific attitude. Programmed instruction method of teaching is an autocratic and individualized strategy. Its main focus is to bring desirable change in the cognitive domain of the learner's behaviour. Students are left for learning at their own pace



8. E-Question Bank

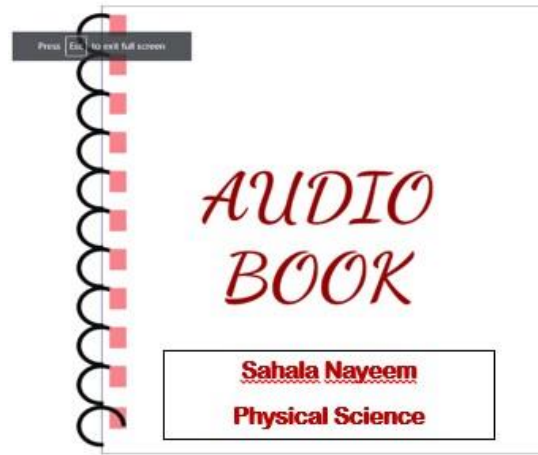
ICT resource material were prepared a digital Question in the form of a ppt. two chapters of 8th std of chemistry of Kerala state syllabus –solutions, properties of matter. Divided into sub-topics 7 collected 5 fill in the blanks, 5 MCQs, 5 match the following, 5 true or false, 5 short answers, 5 Essays.Total 150 questions from these 2 chapters which selected.





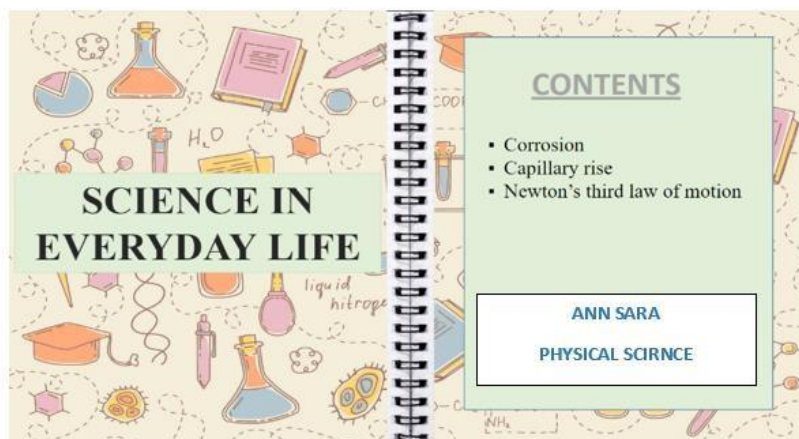
9. Audio Textbook

Audiobooks are the digital version of books on CD or books on tape. It can be downloaded also. Audiobooks allow students to hear explicit sounds of letters and letter patterns that forms words. It also helps students to engage in text and gain exposure to more words, ultimately improving vocabulary, comprehension and critical thinking skills. Audiobooks are the perfect accommodation for struggling readers.



10. Science In Daily Life

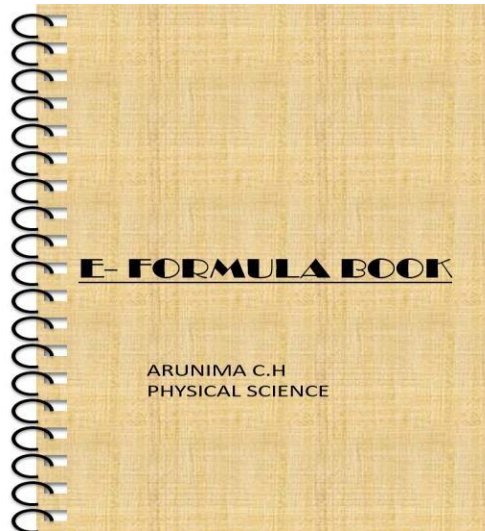
Presentation on 'Science in everyday life for high school students. It explains the science behind different situations we come across in everyday life. The tool used for the practical work was PowerPoint presentation Animaker etc.





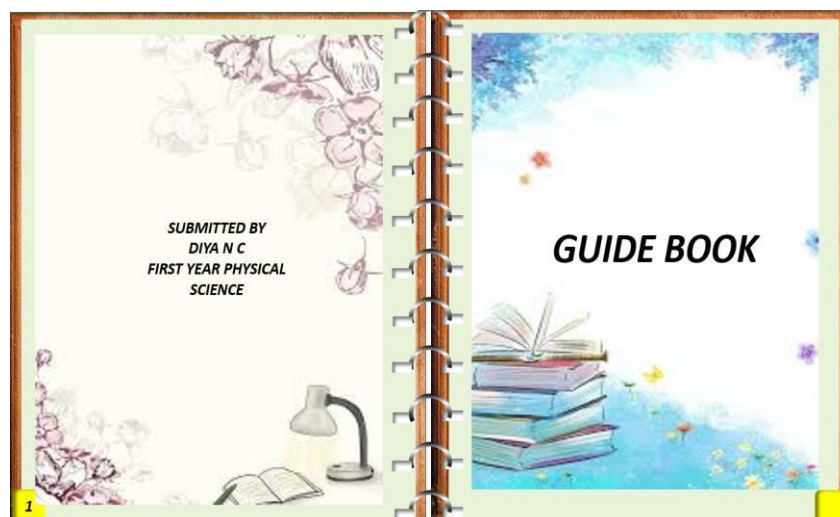
11. Digital Formula Book

This learning material provides support in learning and remembering formulas, which is actually a hectic thing for kids. Learning material includes audio file, video file, animations etc. This learning material is designed by keeping the academic needs of students. Each formulas are presented in an attractive way using colors ,highlights .This work will surely help students in retaining formulas for a long time in their brains.



12. Student's e-Guide

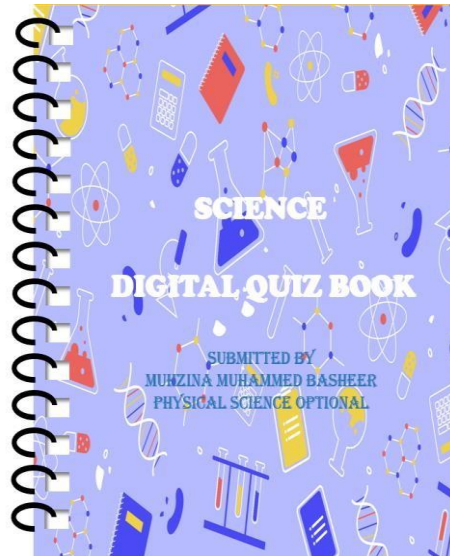
e- Guide book gives useful information about a particular subject. The e-Guide book ensures all students to read understand and express their understanding of the complex grade-level text. A guide might be a leaflet or a handbook giving instruction on a topic and assisting students with their learning.





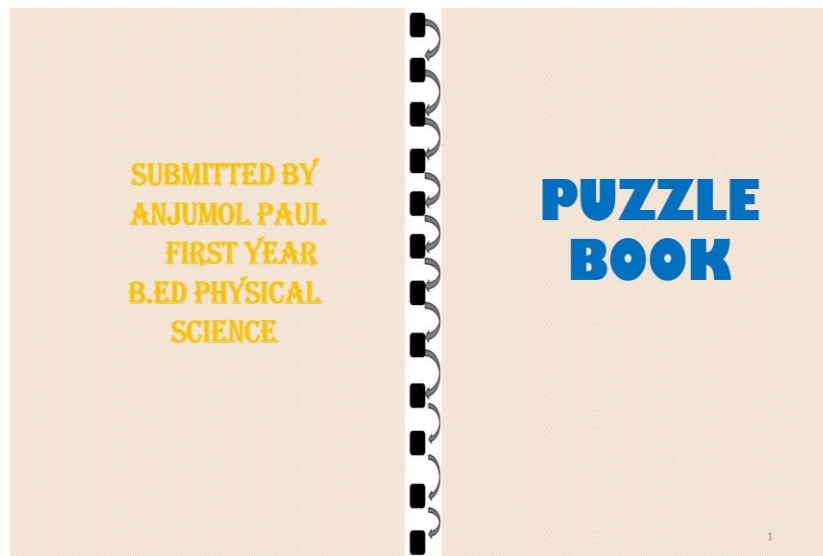
13. Science Quiz Book

Science digital quiz book is an easy method for assisting students in their studies, it also helps in individualized learning and self-evaluation by students. It makes them familiar with science through technology.



14. Digital Puzzle Book

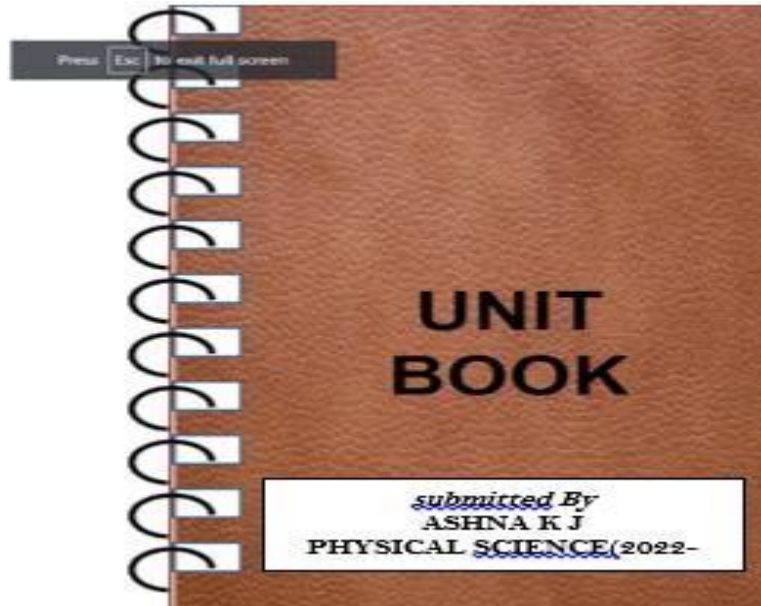
Based on the training for learning resource material digital puzzle book has developed and presented in class . It contains 20 crosswords, 10 picture game and 10 word game, covering science topics of 9th standard.





15. Digital Unit Book

Gave training for develop and present a learning resource material for school pupils- ICT supported material, (school-based topic) –a presentation on ‘Unit book’ for high school students. This resource book provide units and of Physical quantities in Alphabetical order



Conclusion:

The workshop on developing online learning resources conducted by Mrs. Reshmi R.K on December 6 to 12, 2023, provided an extensive range of digital learning materials to enhance the educational experience. These materials, spanning from digital textbooks to interactive quizzes and multimedia content, offer diverse avenues for students to engage with subject matter and promote effective online learning.





**ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR
WOMEN ERNAKULAM**



**WORKSHOP ON DEVELOPING
ONLINE LEARNING
RESOURCES**

RESOURCE PERSON



**RESHMI R.K
SCIENCE EDUCATOR
ST.JOSEPH TTI
ERNAKULAM**

December 6,9,12,13 2023

**MULTI PURPOSE HALL
1.30-4.30 PM**

NB:BRING YOUR LAPTOP OR ANDROID PHONE





ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Workshop on creation of Blog

Name of the Event	Workshop on creation of Blog
Objectives	1) To acquaint student teachers with creation of blogs. 2) To understand the relevance of blogs and various online tools in teaching and learning.
Details of Event Coordinators	St. Joseph College of Teacher Education for Women, Ernakulam
Dates	2022-23(18/11/2022 ,28/11/2022),2021-22(9/11/2021),2020-21(5/1/2021),2019-20(22/7/2019),2018-19(23/7/2018)
Beneficiaries	Student Teachers
Event Venue	St. Joseph College of Teacher Education for Women, Ernakulam

Programme Report

Day 1

In the 2022–23 academic year, the college organized an annual workshop aimed at introducing first–year student teachers to create blog. The workshop was led by Mrs. Anu Cleetus, faculty member of the college. The primary goal of this gathering was to acquaint student teachers with the process of creating and managing blogs, particularly in terms of uploading study materials for educational purposes. Additionally, the first session on 2nd November 2022 aimed to enlighten attendees about various online tools and their significance in the realm of teaching and learning.

The resource person delved into the concept of blogs and their potential applications in education. Throughout the workshop, she highlighted the diverse ways in which blogs could be effectively utilized as educational tools. Her detailed guidance on crafting





programmed learning materials and the step-by-step process of uploading them to a blog was particularly beneficial for those new to the concept. Furthermore, discussed various tools available for creating blogs and provided a quick demonstration of the blog creation process, rendering the session highly informative and productive. The engagement of student teachers during the workshop was notable as they actively contributed through queries and feedback, making the session interactive and enriching for all participants.

Day 2

On 18th November 2022, Mrs. Anu Cleetus, the designated resource person, conducted a comprehensive step-by-step demonstration on blog creation for the student teachers. This informative session took place in the college's Multi-purpose hall, where all students diligently noted the procedural steps in their notebooks. During the session, students actively engaged by raising questions and concerns regarding blog creation and material uploading. The resource person patiently addressed and resolved all their queries. Moreover, she extended her support beyond the classroom hours, offering additional assistance to any student teacher who required clarification via WhatsApp.

Day 3

Every student teacher accomplished the task of creating and uploading programmed learning materials onto their self-established blogs. As part of the assignment's requirements, each student teacher diligently submitted a physical copy of the learning material, an image capturing the materials as displayed on their respective blogs, and a direct web link leading to their individual blogs. This comprehensive submission, which occurred on 28th November 2022, showcased their successful execution of the project, emphasizing the integration of both digital and tangible elements in their educational initiatives. It underscored their ability to effectively navigate the digital landscape while recognizing the importance of preserving a physical record of their work, ensuring a well-rounded approach to their learning experience.







ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Workshop on e-content awareness

Name of the Event	Workshop on e-content awareness
Objectives	<ol style="list-style-type: none">1. To raise awareness regarding e-content2. To enhance the knowledge and expertise of the members3. To help members acquire specific knowledge and skills
Details of Event Coordinators	IQAC Cell St. Joseph College of Teacher Education for Women, Ernakulam
Details of Resource Person	Mrs. Jeena Jayan UGC Librarian The Cochin College Kochi
Date	09/08/2022
Time	6.00 PM – 7.00 PM
Duration	1 hour
Beneficiaries	Teacher educand - 11
Platform	Google Meet
Meet Link	https://meet.google.com/iav-hzkr-igj





Programme Report

The IQAC Cell of St. Joseph College of Teacher Education for Women, Ernakulam organized a workshop on 'E-Content Awareness' as part of student Development Programme on 9th August 2022 from 6.00 PM to 7.00 PM via Google Meet. The workshop was organized for teacher educands of St. Joseph College of Teacher Education for Women, Ernakulam. The faculty coordinators of the programme were Dr. Josephine Joseph, IQAC Coordinator and Assistant Professor in Physical Science Education and Ms. Anu Cleetus, Assistant Professor in Education at St. Joseph College of Teacher Education for Women, Ernakulam. The resource person for the workshop was Mrs. Jeena Jayan, UGC Librarian at The Cochin College in Kochi. A total of 11 educands from St. Joseph College of Teacher Education for Women, Ernakulam participated in the workshop.

The workshop on 'E-Content Awareness' started exactly at 6.00 PM via Google Meet. Ms. Anu Cleetus, Assistant Professor in Education at St. Joseph College of Teacher Education for Women, Ernakulam hosted the entire workshop meeting. The workshop began with a prayer session lead by Dr. Josephine Joseph, Assistant Professor in Physical Science Education at St. Joseph College of Teacher Education for Women, Ernakulam. The prayer was succeeded by the welcome speech delivered by Dr. Alice Joseph, Principal at St. Joseph College of Teacher Education for Women, Ernakulam. Dr. Alice Joseph officially welcomed the resource person and all the participants to the workshop. She reminded all of the members to utilize the opportunity to enhance their knowledge and competence which would reflect their excellence in their functioning area of the profession. After the welcome address by the Principal, the workshop was initiated by the resource person, Mrs. Jeena Jayan. The resource person enunciated the importance of members being aware of e-content especially in the present era of rapid change and advancements in technology. The workshop covered the basics, relevance, advantages and various forms of e-content. There is a growing pressure on educational systems across the world to use new Information and Communication Technology (ICT) to provide students with the required information and knowledge. In modern knowledge-explosion society, technologies play an important role in the successful transmission of information, the development of creative content, and the inclusion of innovative communication and information. E-content is an extremely effective educational tool. It is the most recent style of teaching that has piqued the interest of students and teachers across all educational systems. It is a valuable resource for the development of a knowledge rich society in which everyone, regardless of gender, religion, cast, creed or region has the





opportunity to create, receive, share, and use knowledge and information for their economic, cultural, social, personal and political development and upliftment. E-content, in its different forms, such as virtual classrooms, web-based learning, mobile-based learning, computer-based learning and digital collaboration successfully serves the virtual learning environment. It is comprised of texts, videos, audio, graphics with visual impressions distributed over the satellite broadcast, internet as well as mobile technologies. E-content enhances the learning experiences by using diverse mediums to visualize and explain abstract concepts. Especially after the covid-19 pandemic stroke the world, the new online learning platforms have emerged and became an essential part of the educational system across the world. E-content would help teachers in coordinating virtual learning effectively and efficiently and for the same, proper awareness regarding e-content and its uses are essential.

The workshop on 'E-Content Awareness turned out to be successful in achieving its objectives. The workshop was effective in raising the awareness of teacher educands regarding e-content. It also helped the faculty members to enhance their knowledge and expertise which would contribute to their excellence in their functioning are in the profession. The workshop provided students with necessary knowledge and skills for the to cater to their pupils and their styles of learning. It was extremely fruitful and beneficial for the students participated in the workshop. The entire workshop winded up at 7.00 PM with the vote of thanks for the programme delivered by Ms. Anu Cleetus, programme coordinator for the workshop and Assistant Professor in Education at St. Joseph College of Teacher Education for Women, Ernakulam.





Photo Gallery

ST. JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN,
ERNAKULAM



IQAC Organises
FACULTY DEVELOPMENT PROGRAM FOR TEACHER EDUCATORS
WORKSHOP ON
E CONTENT AWARENESS



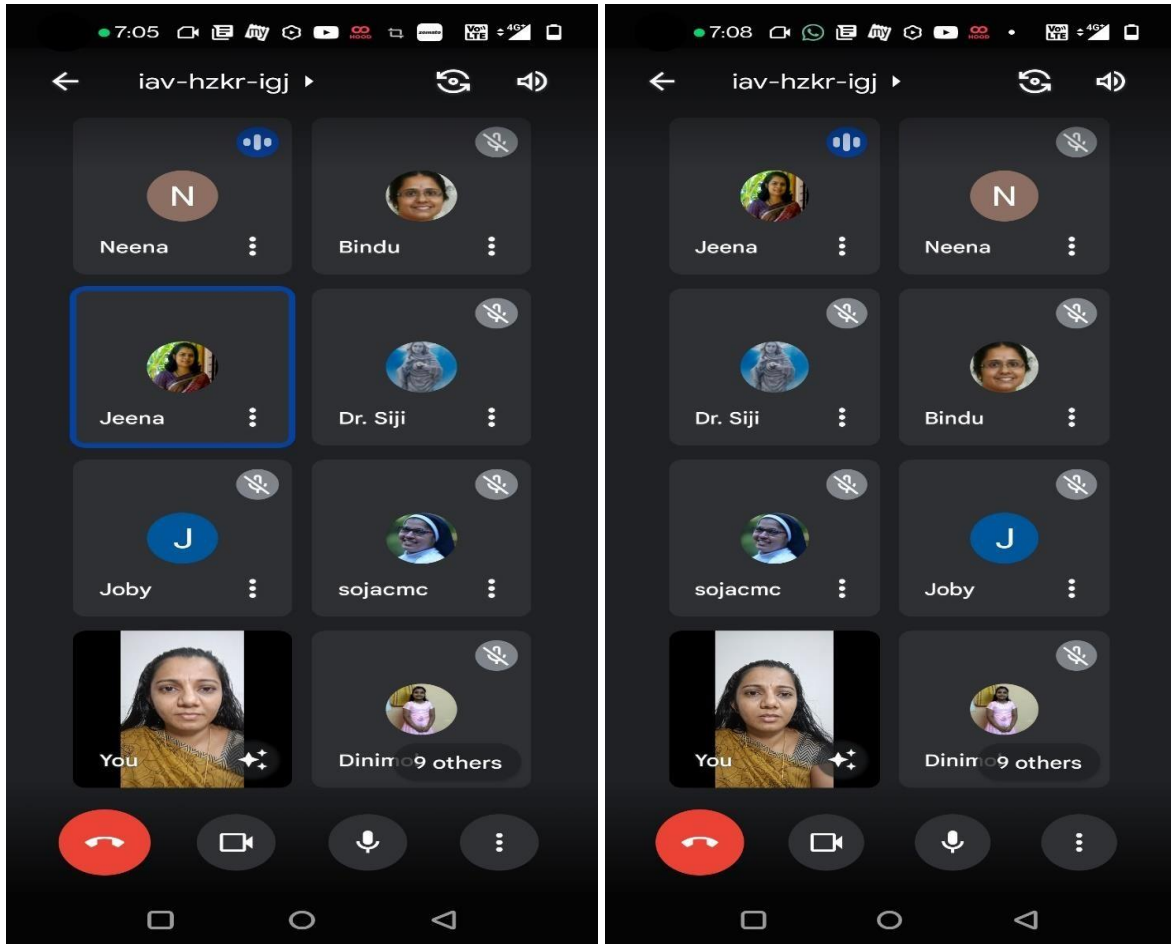
GOOGLE MEET
AUGUST 9 2022
6PM-7PM

Mrs. Jeena Jayan,
Librarian (UGC)
The Cochin college,
Kochi

Coordinator
Mrs. Anu Cleelus
Asst. Professor
St. College of teacher education for Women, Ekm.

Event poster for the workshop on 'E-Content Awareness' conducted as part of the Faculty Development Programme (FSDP) by the IQAC Cell of St. Joseph College of Teacher Education for Women, Ernakulam on 9th August 2022 via Google Meet





Snippets from the workshop on 'E-Content Awareness' conducted via Google Meet as part of the Faculty Development Programme (FSDP) by the IQAC Cell of St. Joseph College of Teacher Education for Women, Ernakulam on 9th August 2022





Workshop on e-content awareness

Programme Details

Name of the Event	Workshop on 'E-Content Awareness', 2022
Date	09/08/2022
Time	6.00 PM – 7.00 PM
Duration	1 hour
Beneficiaries	Faculty- 18
Platform	Google Meet
Meet Link	https://meet.google.com/iav-hzkr-igj

List of Participants

Teacher educands list:

SL.NO.	NAME OF THE FACULTY	DESIGNATION
1	Ms. Sheeba A.S	Assistant Professor
2	Ms. Rosy Tintu M P	Assistant Professor
3	Bilby Thomas	Teacher Educand
4	Rinta V.S	Teacher Educand
5	Merin J. Kaniyarakam	Teacher Educand
6	Elsa Susan	Teacher Educand
7	Stephy Mendez	Teacher Educand
8	Saniya Kurian	Teacher Educand
9	Akhisha Antony	Teacher Educand
10	Deepa Dinesan	Teacher Educand
11	Sajida Meerasa	Teacher Educand
12	Bivya Sukumar	Teacher Educand
13	Krishna T.D	Teacher Educand





ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Report: Training on PDF flipbook

Name of the Event	Training on PDF flipbook
Objectives	<ol style="list-style-type: none">1. Introduce pdf flipbooks2. Highlight Interactivity3. Familiarize with Tools4. Explain Key Elements5. Provide Step-by-Step Guidance6. Discuss Design Considerations
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	November 16, 2022
Time	3.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts Covered:

During the orientation class, participants were introduced to several key concepts related to PDF flipbook creation:

1. PDF Flipbooks: The session highlighted the significance of PDF flipbooks as interactive and visually engaging documents for presenting information and content.
2. Software Tools: Mrs. Reshmi introduced the software Publuu, emphasizing its role in creating PDF flipbooks with ease. Additionally, HTML 5 was discussed as a valuable tool for web-based flipbook creation.
3. Creation Process: Participants received training on how to create PDF flipbooks, including layout design, interactive elements, and customization options.

Highlights of the Session:

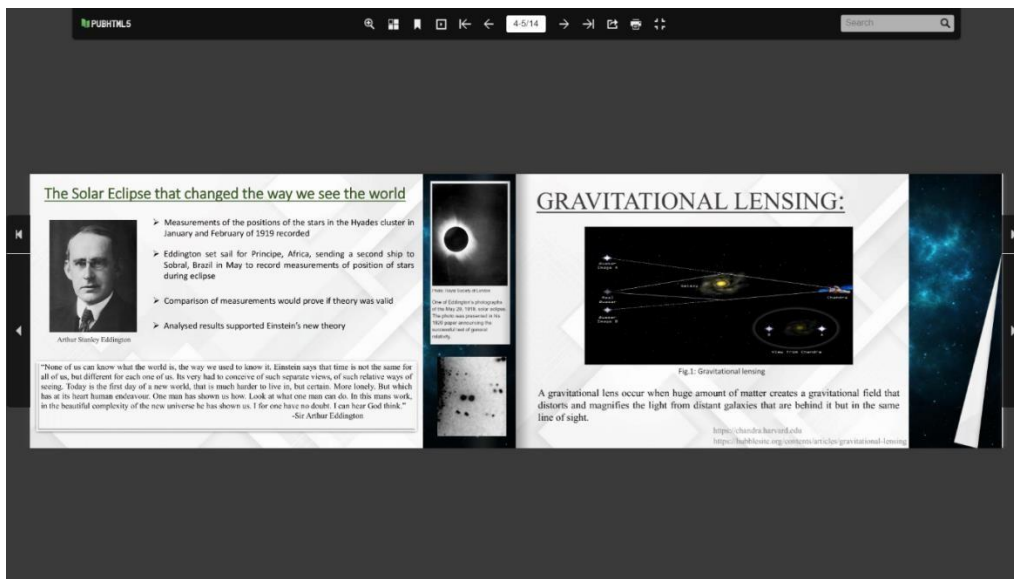
1. Introduction to Publuu and HTML 5: Mrs. Reshmi provided an overview of Publuu and HTML 5, explaining their functionalities and benefits in PDF flipbook creation



2. Practical Demonstration: The resource person conducted a practical demonstration, guiding participants through the step-by-step process of creating a PDF flipbook using Publuu. This hands-on experience allowed participants to understand the software's features and capabilities.
3. Interactive Training: The session included interactive training where participants had the opportunity to explore and experiment with Publuu and HTML 5, asking questions and seeking guidance as needed.

Conclusion:

The orientation class on creating PDF flipbooks conducted by Mrs. Reshmi R.K on November 16, 2022, was a valuable and informative session. Participants gained insights into the significance of PDF flipbooks and received practical training on using software tools like Publuu and HTML 5 for flipbook creation. This knowledge can be instrumental in creating interactive and engaging educational materials.





Report: Training on PPT flipbooks

Name of the Event	Training on PPT flipbooks
Objectives	<ol style="list-style-type: none">1. Introduce Flipbooks2. Highlight Engagement3. Demonstrate Tools4. Explain Key Elements5. Showcase Examples6. Discuss Use Cases
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	December 1, 2022
Time	2.00-4.30 pm
Venue	Multi Purpose Hall

Key Concepts Covered:

During the session, participants were introduced to several key concepts related to creating PPT flipbooks:

1. PPT Flipbooks as Learning Materials: The session highlighted the role of PPT flipbooks as effective and interactive learning materials that can be utilized in educational settings.
2. Benefits of Flipbooks: Mrs. Reshmi R.K explained the advantages of using flipbooks, including the ability to integrate multimedia content, making learning engaging and dynamic.
3. Step-by-Step Creation: The resource person provided a comprehensive, step-by-step guide on how to create PPT flipbooks from scratch. Participants learned about layout design, inserting multimedia elements, and incorporating interactive features.



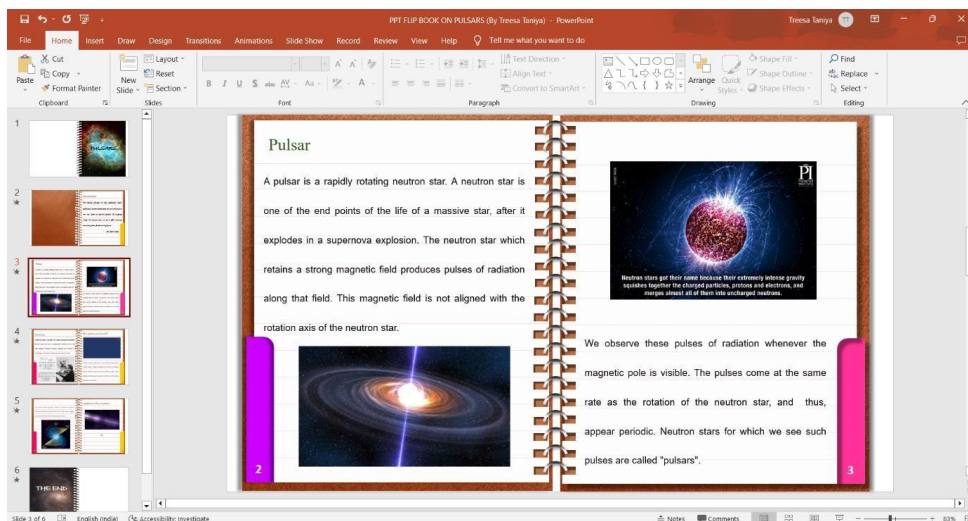
4. **Multimedia Integration:** The session emphasized the importance of multimedia integration, showcasing how to embed videos, audio clips, images, and animations within the flipbooks to make learning more interactive and informative.

Highlights of the Session:

1. **Hands-on Demonstration:** Mrs. Reshmi R.K conducted a hands-on demonstration, guiding participants through the process of creating a PPT flipbook. This practical experience allowed participants to follow along and understand the steps involved.
2. **Interactive Q&A:** The session featured an interactive question-and-answer session where participants could seek clarifications and share their thoughts on the use of flipbooks as learning materials.

Conclusion:

The digital orientation session on creating PPT flipbooks led by Mrs. Reshmi R.K on December 1, 2022, was a valuable learning experience. Participants gained insights into the creation of dynamic and engaging learning materials that can incorporate multimedia elements to facilitate classroom interactions. This innovative approach to teaching and learning can enhance the overall educational experience.





ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Training on digital programmed learning material

Name of the Event	Training on digital programmed learning material
Objectives	<p>The primary objectives of the orientation session were as follows:</p> <ol style="list-style-type: none">1. To familiarize the participants with the concept of Digital Programmed Instruction.2. To showcase the benefits and effectiveness of digital tools in educational settings.3. To empower educators with the knowledge and skills necessary to incorporate digital resources into their teaching methodologies
Resource Person	Mrs. Reshmi R.K, Science Educator St. Joseph TTI Ernakulam
Date	November 8, 2022
Time	4.00-4.30 pm
Venue	Multi Purpose Hall

On November 8, 2022, an orientation session on Digital Programmed Instruction was conducted by Mrs. Reshmi R.K, a distinguished Science Educator at St. Joseph TTI Ernakulam. The session was aimed at providing valuable insights into the utilization of digital tools and resources in educational instruction.

Highlights of the Orientation

Concept of Digital Programmed Instruction: Mrs. Reshmi R.K began the session by explaining the fundamental concept of Digital Programmed Instruction. She highlighted how this approach enhances the learning experience by making use of digital tools to provide structured, self-paced learning modules.

Benefits of Digital Tools: The resource person emphasized the advantages of incorporating digital tools in educational practices. These benefits include increased engagement, accessibility, and the ability to cater to diverse learning styles.





Practical Demonstrations: The session included practical demonstrations of various digital tools and resources that can be used in teaching. Participants had the opportunity to explore interactive software and educational apps.

Hands-on Experience: Mrs. Reshmi R.K encouraged the participants to have a hands-on experience with the digital tools, allowing them to explore and interact with these resources.

Q&A and Discussion: A lively question and answer session followed the presentations. This allowed participants to seek clarification and engage in discussions regarding the implementation of digital tools in their teaching.

Conclusion

The orientation on Digital Programmed Instruction conducted by Mrs. Reshmi R.K proved to be an enlightening and interactive session. It equipped educators with valuable insights and practical knowledge on using digital resources to enhance the teaching and learning experience. The event was well-received by the participants, who left with a better understanding of the benefits of digital tools in education.

This orientation session is a significant step in promoting innovative teaching practices and ensuring that educators are well-prepared to adapt to the ever-evolving landscape of digital education.

Acknowledgment

We extend our sincere gratitude to Mrs. Reshmi R.K for her invaluable contribution to this orientation session, which undoubtedly enriched the knowledge and skills of all participants. We also thank the attendees for their active participation and enthusiasm.





FRAME 1

Read the paragraph carefully

In the periodic table, elements of group 3-12 constitutes 'd' block elements. The two horizontal rows of elements at the bottom of the table forms 'f' block. 'd' block elements are called transition metals and 'f' block elements are called inner transition elements.

ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM

TRAINING ON DIGITAL PROGRAMMED LEARNING MATERIAL

RESOURCE PERSON

RESHMI R.K
SCIENCE EDUCATOR
ST. JOSEPH TTI
ERNAKULAM

8/11/2022
MULTI PURPOSE HALL
2-4.30 PM

NB:BRING YOUR LAPTOP OR ANDROID PHONE

