



SNS COLLEGE OF NURSING
Saravanampatti (po), coimbatore.

DEPARTMENT OF NURSING
COURSE NAME : BSC (NURSING) II YEAR
SUBJECT : CET
UNIT VII: EDUCATIONAL MEDIA
TOPIC : PROJECTED AIDS



LCD PROJECTOR



- Video projector for displaying video, images or computer data on a screen or other flat surfaces.
- LCD – Liquid crystal display technology used to project images.





HISTORY



- Invented by the New York inventor, Gene Dolgoff in 1984.
- Used in meetings, training sessions, classroom education, visual entertainment, etc.
- Appeal to all sensory organs & impact is always greater than simple speech.





TYPES



- Based on size and portability, LCD projectors classified as,

Ultralight portable projector

Conference room projector

Fixed installation projector.





GUIDELINES



- Projection surface should be neutral color & best for natural color tones.
- Place projector 5 to 15 feet away from the projection screen.
- Place projector permanently on fixed ceiling/ on stable surface.





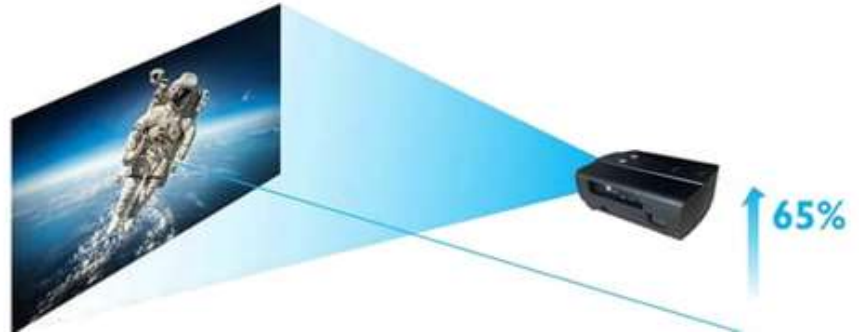
Contd...



- .Computer/laptop cable should be connected at the back of the LCD projector on a video port.
- The power cable of projector should be connected to 3 way electrical port.
- Lens cap of projector should be removed.
- Projector should be switched on by pressing the power button on the top of projector lead to a flash of light followed by projection of image.

Contd...

- Computer/laptop should be ON.
- Click the option of computer to display content on the projection screen.
- Using focus of projector clear the content projected on the screen.





Contd...



- Projection must be adjusted by manipulating the projector by moving front or back.
- Press the power button; a message may appear to check whether to turn off the projector.
- Again press the power button, projector will turn off.
- Before unplug the projector from electrical port, wait for 2 minutes to off the projector fan.



Contd...



- Also ensure the flashing light is off before the projector unplug.
- Addition to power button light, 2 additional warning light buttons, which are lamp warning light and temperature warning light.
- Blinking of orange colour temperature status light notifies the need to change the air filter and red shows increased temperature of the projector.

Contd...

- Projector has other additional ports to connect VCR, DVD and cameras which can further improve the utility of the LCD projector in education.





GUIDELINES FOR PPT



- Use horizontal/landscapes format for slides.
- Limit the information of each slide to a single topic.
- Use action words & short phrases than sentences.
- Pictures, drawings & illustrations make presentation interesting.
- Keep slides simple & clear without overburden.



Contd...



- Keep slides with relevant pictures.
- Maintain consistency in use of colour.
- Avoid use of multiple colours & graphics.
- Use dark coloured text on light background or Viceversa



Contd...



- Use bullets instead of numbers is always good.
- Use numbers to show sequence/rank of content.
- Do not overcrowd the slide with text.
- Use 6x6 rule that is 6 lines of text & 6 words per line.
- Ensure text on slide is readable.
- Minimum 36 points for slide title & 24 points for body text.

ADVANTAGES





LIMITATIONS



- Expensive gadget.
- Need technical skill of computer, PPT & using LCD projector.
- Cant use in power failure/
technological failure at the time
of presentation.





CONCLUSION



In education, the projected aids develops effective social and presentation skills, develops group co-operation, creates creative ability, develops feeling of security and confidence. It promotes self expression, and promotes development learning in language and fine arts.





ASSESSMENT



1. What is mean by LCD projector?
2. What are all the types of LCD projector?
3. Advantages of LCD projector?
4. Limitations of LCD projector?
5. Guidelines of LCD projector?





REFERENCES



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Thank
you