PRACTICUM-2 (TOPIC-2)

Title of Practicum

Teaching with Multimedia e-Content (Developed by the Student Teacher)

Topic Chosen

Subject-Science
Class-VI
Topic-The Solar System

Objectives

1. To prepare a multimedia e-content using ICT tools.
2. To make teaching more interactive and engaging through audio-visual material.
3. To integrate text, images, audio, and video for effective learning.
4. To evaluate student responses after using e-content.

Materials and Tools Used

- **Computer/Laptop** with Internet
- **MS PowerPoint 2007** (for presentation design)
- **VLC Media Player / QuickTime** (to embed video)
- **Images and videos** downloaded from authentic websites (e.g., NASA, Britannica Kids)
- **Smart Board / Projector** (for classroom presentation)
- **Camcorder** (to record the class for future ICT material)

Procedure

1. **Content Development:**
   - Collected authentic information about planets from NASA website.
   - Downloaded free images and a short animation of the solar system.
   - Designed a PowerPoint presentation with text, images, and transitions.
   - Inserted a background audio narration explaining each planet.
2. **Classroom Teaching:**
   - Projected the PPT on Smart Board using LCD projector.
   - Played the short animation of the solar system.

- Explained features of each planet with visuals.
3. **Student Interaction:**
    - Asked students to identify planets from pictures.
    - Conducted a quick quiz (MCQs and True/False) at the end.

Observations

- Students were highly attentive during the multimedia session.
- Visuals and animations helped them understand complex concepts easily.
- Quizzes showed better retention compared to traditional chalkboard teaching.
- Recorded video can be reused as ICT-based teaching content in future.

Conclusion

The use of **self-developed multimedia e-content** made teaching more effective, interactive, and enjoyable. ICT integration improved student understanding and engagement, proving that multimedia is a valuable teaching aid in modern classrooms.

Signatures

- **Student's Signature:** _____
- **Supervisor's Signature:** _____