

PROJECT PROPOSAL

Course Code: CSE-456

Course Title : Multimedia & Animation Techniques Lab

Group Members:

- 1.Mehedi Hasan(332)
2. Saifi Alam Nirjhor(325)
3. Sohanur Rahman(1944)
4. Syed Hasib Abdullah(2522)
5. Samin Yasar Chowdhury(1838)
6. Motiur Rahman Munna(2518)
7. Shakil Hossain(343)
8. Md. Mohidul Islam(324)

BSC(Hons.) 4th year 2nd semester

Department of Computer Science & Engineering

Jahangirnagar University.

Submitted To:

Dr. Mohammad Zahidur Rahman

Professor

Department of Computer Science & Engineering

Jahangirnagar University

Date of submission : 21.11.2022

Project Name

Develop an e-learning infographic template for class 10 chemistry laboratory experiments (**“Animation video on Nuclear Fission”**).

Project Description:

Nuclear fission is a reaction in which a nucleus is split (or *fissured*). A chain reaction refers to a process in which neutrons released in fission produce an additional fission in at least one further nucleus. This nucleus in turn produces neutrons, and the process repeats. The process may be controlled (nuclear power) or uncontrolled (nuclear weapons). Controlled fission is a hope for the future. We will animate how this process works and how the energy is generated from this type of reaction.

Group Members Role:

- 1.Mehedi Hasan(332):** Story Writer & Concept Provider.
- 2. Saifi Alam Nirjhor(325):** Animation & Story Writer
- 3. Sohanur Rahman(1944):** Sound Editing.
- 4. Syed Hasib Abdullah(2522):** Concept Provider, Gathering information.
- 5. Samin Yasar Chowdhury(1838):** Sound Editing.
- 6. Motiur Rahman Munna(2518):** Animation.
- 7. Shakil Hossain(343):** Collaborator .
- 8. Md. Mohidul Islam(324):** Project Manager.

Animation Tools:

1. Pencil 2D
2. Inkscape
3. Ardour.
4. Audacity.

Time Line:

Week-1 Progress: Concept and background music selection.

Week-2 Progress: Creating necessary frames.

Week-3 Progress: Video and sound editing.

Week-4 Progress: Collaborating all information and producing final animation video.