



Department of
Computer Science and Engineering
Project Proposal

Course No. : CSE - 455

Course Title : Multimedia and Animation Techniques

Submitted By :

Name : Tasmim Sultana (129)

Fatama Jannat Tisha (131)

Nishat Tasnim (296)

Asraf Ullah Rahat (318)

Abdullah Al Shaikh (328)

Jubair Al Faisal (340)

Uzma Hanian (2521)

Abdul Mukit (2596)

Session : 2017-2018

Semester : 4th year 2nd Semester

Submission Date : 21 - 11 - 22

Submitted To :

Dr. Mohammad Zahidur Rahman

Professor, Department of Computer Science and Engineering

Jahangirnagar University, Savar

Production House Name: Edumation Lab

Project Name: Infographic template over chemical bonding.

Multimedia Production:

1. Producer - Dr. Md. Mohammad Zahidur Rahman
2. Project Manager - Nishat Tasnim
3. Script Writer - Asraf Ullah Rahat
4. Art Director
 - Abdullah Al Shaikh
 - Asraf Ullah Rahat
5. UI designer - Jubair Al Faisal
6. Production Artist(voice)
 - Fatema Jannat Tisha
 - Nishat Tasnim
7. Production Artist(Sketch)
 - Tasmim Sultana
 - Fatama Jannat Tisha
8. Sound designer - Uzma Hanian
9. Video Editor
 - Abdullah Al Shaikh
 - Abdul Mukit
10. Animators - All team members

Software Component :

1. Blender
2. Kdenlive

Description:

We are proposing to create an infographic on the Chemistry book of class 9-10. We are wishing to create an E-learning material on chapter 5th (Chemical Bond). Our students are often stuck on visualizing actually how the atoms bond with each other. There can't be anything more impeccable than infographics to help the student to get the concept.

Three types of chemical bonds are Ionic bonding, Covalent bonding, and Metallic bonding. We will show some examples of these kinds of bonds. For example, the Formation of sodium chloride, the formation of Hydrogen molecules, etc.

We also intend to work with the characteristics of these types of bonds like Melting point, Boiling point, Solubility, Electrical conductivity, Electro and Heat Conductivity of metals, etc.