

GOVERNMENT COLLEGE OF EDUCATION, CHANDIGARH

REPORT

Dated: - 22-02-2024

National Science Day

Ignite your Mind: A two-day workshop for exploration and growth focusing on 3D printing and web designing on 21st and 22nd February, 2024.

To commemorate 'National Science Day-2024' Innovation Cell and Science club 'Navonmesh' of Govt. College of Education, Chandigarh organized a two day workshop on the theme 'Ignite your mind' focusing on 3D printing and web designing on 21st and 22nd February, 2024 in the science room of the college, for all the B.Ed. students having pedagogy of science, physical science and life science. Dr. Meenakshi Jindal, Lecturer Physics, Mentor for Atal Tinkering Lab (ATL), Carmel Convent School, Sector-9, Chandigarh and her team members Mr. Ashish, and Mr. Aman were the resource persons for this workshop.

Dr. Sanjeev Kumar, Dr. Sheojee Singh and Dr. Lilu Ram facilitated the smooth execution of this workshop. This workshop series features a range of engaging and educational activities, covering topics such as 3D designing and printing, as well as Web Designing. Around 35 students of B.Ed. 2nd semester attended this two day workshop.

On day 1, Dr. Sanjeev Kumar started this workshop by giving a brief introduction about the possible learning outcomes of this workshop. Day 1 was focused on 3D designing and printing. Dr. Sanjeev Kumar gave a formal introduction of Dr. Meenakshi Jindal and Mr. Ashish. Dr. Meenakshi Jindal gave to students an overview of 3D printing, its utility and why a teacher should be aware about recent innovations. A 3D Printer was also brought by the team, for the students to get to witness the process of 3D printing.

The workshop was handed over to Mr. Ashish who gave a tutorial to students for creating a 3D web design for 3D printing. He introduced the students to the tinkercad software as well as slicing of 3D design. A 3D design was later printed in front of the students during the workshop. After the tutorial, the students were asked to prepare their own 3D designs on any topic of their choice, using basic shapes. Few students from Carmel Convent School were also present there to help the students in 3D designing and resolving their doubts. All the students actively participated in this activity and their 3D designs were later projected and evaluated.

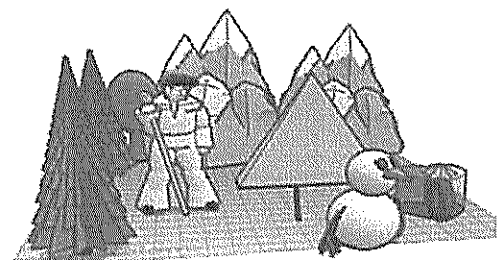
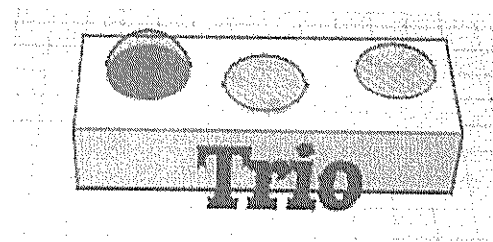
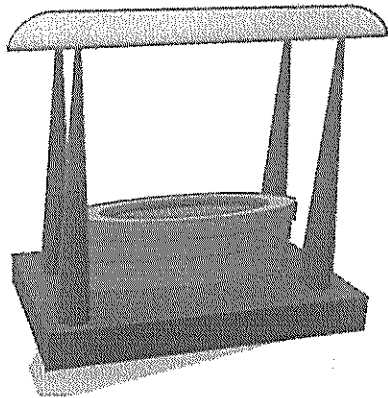
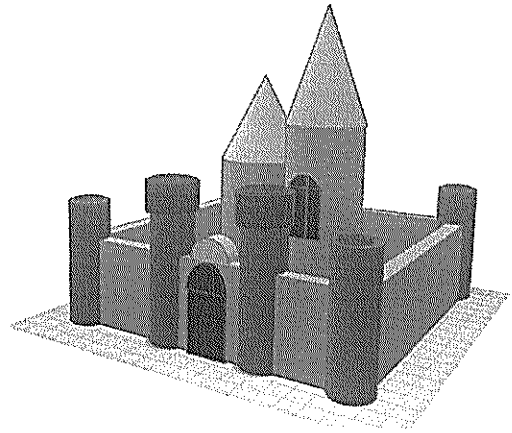
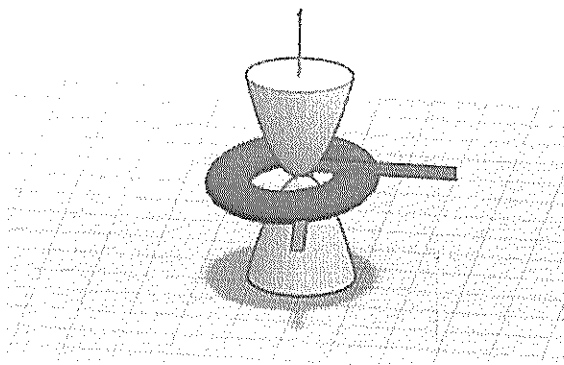
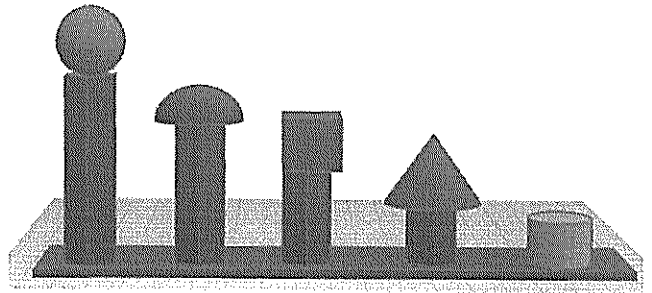
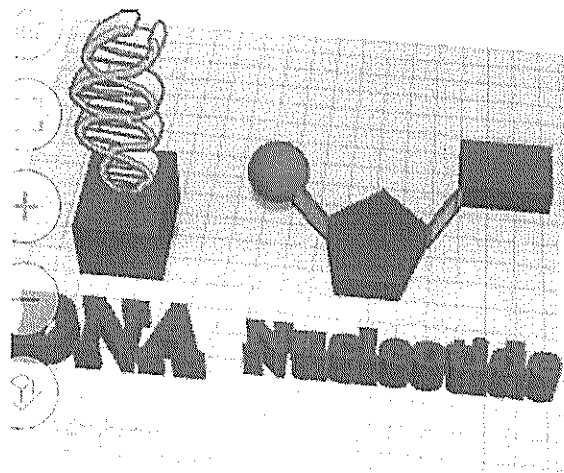


Figure 1 3D models designed by B.Ed. 2nd Semester students during day 1 of the workshop

On day 2, the workshop was conducted by Mr. Ashish and day 2 was focused on creating an online presence by web designing. Two important skills were taught by Mr. Ashish namely- Creating a website and creating e-learning course in a website. Students were given tutorial on building a website on wordpress. After the tutorial an activity was conducted where students were asked to build their own websites. All the students present, created their own websites and created different pages and blog posts on different niche which were projected later. Links of the few websites created by the students are given below.

<http://shivanisingh.free.nf>

<http://pallavi00718.rf.gd>

<http://eightyeight.rf.gd>

<http://jigyasa Gupta.rf.gd>

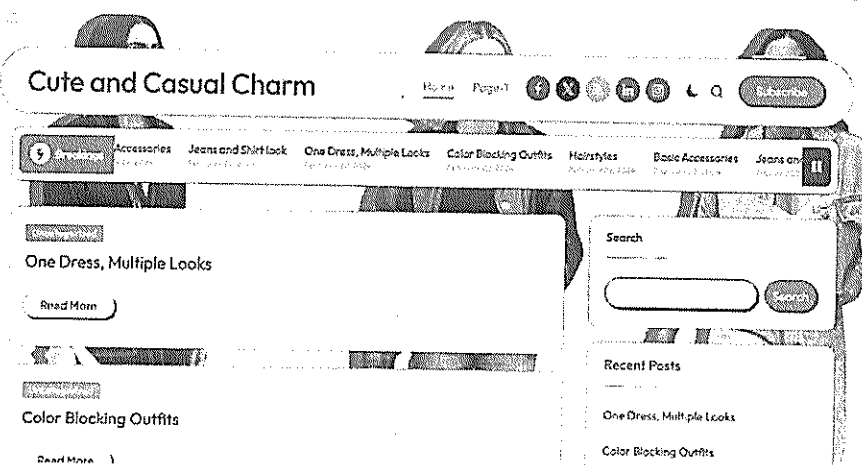
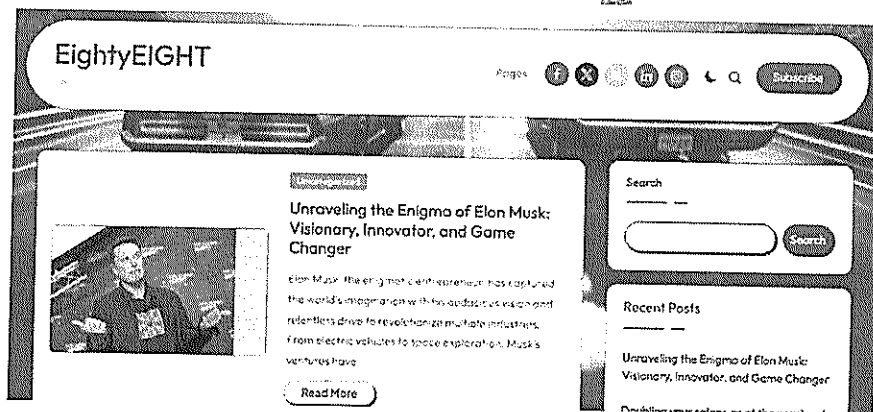
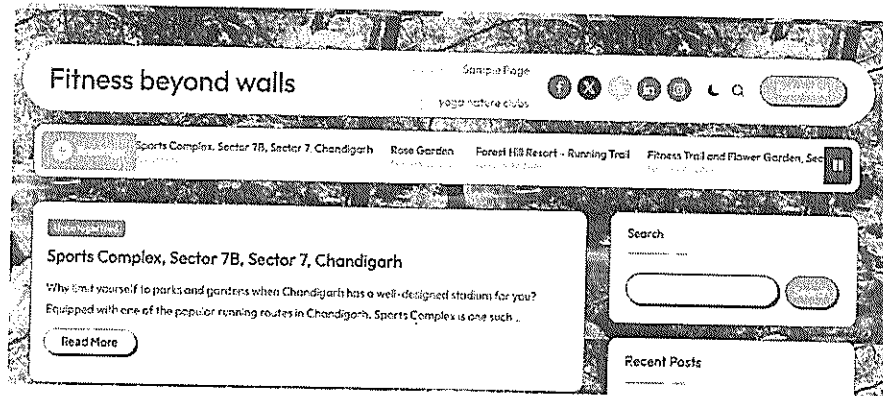


Figure 2 Websites created by B.Ed. 2nd semester students during the day 2 of the workshop

After building a website, tutorial was conducted on LMS by Mr. Ashish, for creating a course from the available themes and customizing it. Students were taught how to create a course, how to create lessons and quizzes in the course and embedding youtube videos in the lesson. Monetizing the course was also discussed by Mr. Ashish. Activity was conducted where students were asked to practice creating a course by their own.

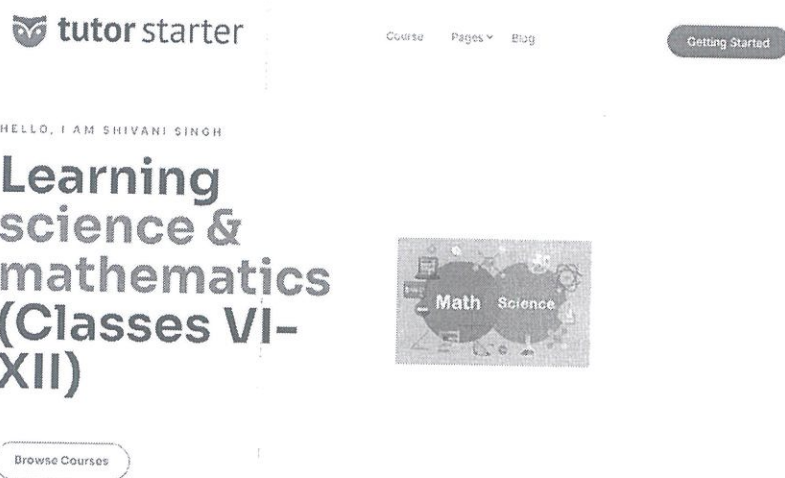


Figure 3 Course created by B.Ed. 2nd semester student during the day 2 of the workshop

The workshop ended with Mr. Ashish giving various tips to students, on how to utilize these skills in teaching and how to take maximum benefits of this important skill. Dr. Sanjeev Kumar ended the workshop with a formal vote of thanks. Students actively participated in the workshop from start till end and were excited to learn new skills. The event was organized successfully.

Sanjeev
22/2/2024

Nodal Officer Innovation Cell
(Dr. Sanjeev Kumar)

Sapna
22/2/2024

Principal
(Dr. Sapna Nanda)