

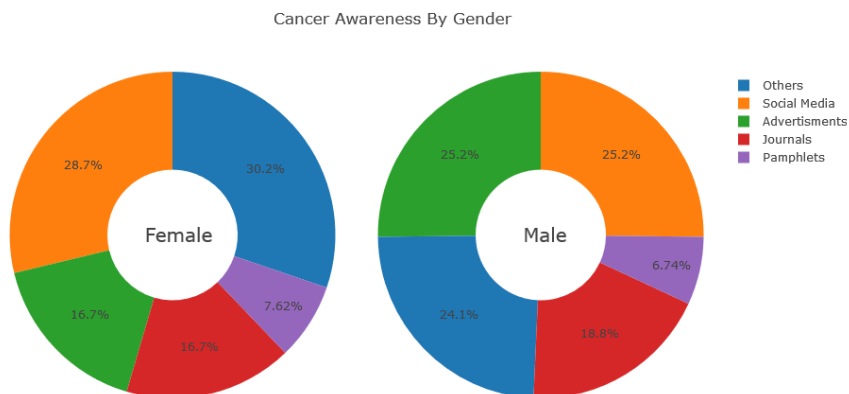
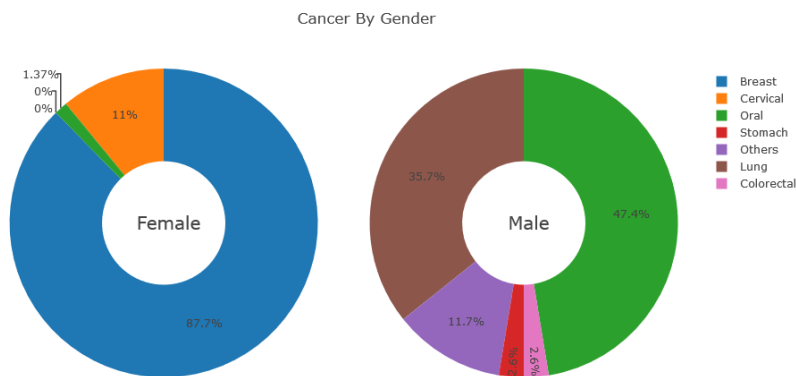
**Project Id/No: Semester Long project (Humanities)**

**Project Name:** Data analytics of the demographic data of cancer patients from India

**Project Members:** Dr. J S Purohit, Anamika, Mayukh, Neel, Subham, Sugandha and Tripuresh, Yatharth

**Project Abstract:** With the alarming increase in cancer cases in India there is a need of cost effective and early diagnosis and screening of the disease. There is also a need of primary and secondary Prevention, awareness and advocacy, database management system, design and proposal for use and equip local healthcare centres and educational institutes with cancer awareness modules and development of a DBMS for awareness of the demographic data. The present project is aimed at collection of demographic data from cancer patients and development of a DBMS.

**Project Photo:**



**Project Id/No: Semester Long project (Humanities)**

**Project Name: Garbage to gold**

**Project Members:** Dr. JS Purohit, Abhishek Kumar Sharma, Kautuk Chaturvedi, Pallavi Verma, Pulkit Sharma, Rasmus Houman, Shipra Praliya, Shubhrat Katiyar, Tobias Hansen

**Project Abstract:** Garbage is one of those commodities which people pay least attention to, unless it is stinking in front of their houses and troubles their everyday existence. But, trash is one our best friends who has followed humanity wherever it has set its foot on. Be it the Mt. Everest peak or the glaciers of Antarctica, trash has found its presence almost everywhere. Garbage has a plethora of opportunities to offer to everyone. Be it the beautiful rock gardens of Chandigarh or the amazing artwork at Google Office made from trash, Garbage has always been an ocean of opportunities for all of us. This project titled “Garbage- the Hidden Gold” was one of those initiatives which tried to exploit that opportunity of generating revenue from food waste that was originated in the hostels. The work that was done extensively for the project has been recorded in this report.

Photograph:

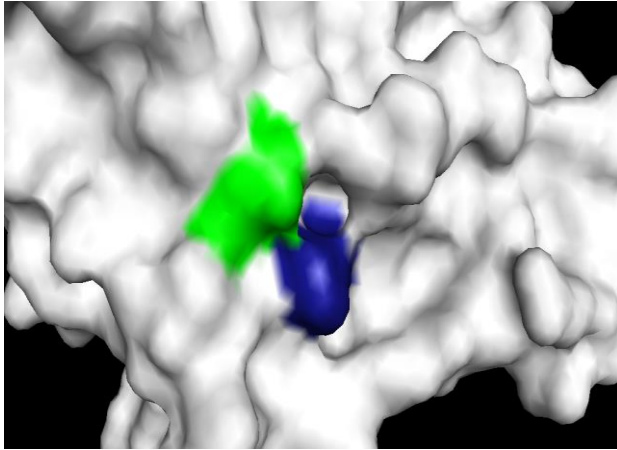


**Project Id/No:** Research project (B.Tech)

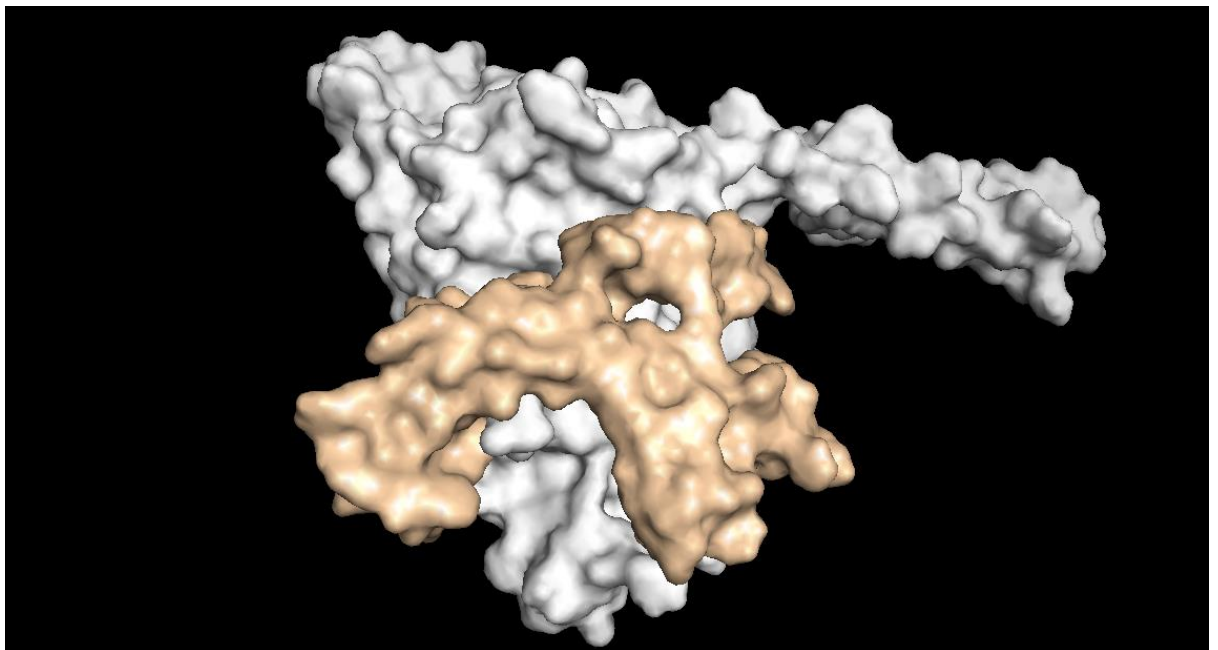
**Project Name:** In silico analysis of active site of H3ase

**Project Members:** Dr. J S Purohit, Ankit Tiwari

**Project Abstract:** we have identified a H3 specific protease activity in the GDH of chicken liver. However, the active site of it remains elusive. In the present work we intend to map the active site for the H3ase activity in the GDH.



H3ase active site



H3ase docked with H3