

**Bhavan's Vivekananda College**  
**of Science, Humanities and Commerce**  
Sainikpuri, Secunderabad-500 094  
(Accredited with 'A' Grade by NAAC)  
Autonomous College - Affiliated to Osmania University

**Report for the year 2019-20**

**Report on visit to HCU**

**Date:31/01/2020**

Day: Friday

From: Bhavan's Vivekananda College

Started : 8:00 am

**Faculty: 3- teachers Mrs GS Mini, Mrs Santi Rohit Rao MrsT. Santoshi**

**Students: 50 members**

We reached University of Hyderabad central approximately at 9:45 am. The purpose of visiting University of Hyderabad is because of future education in maths, physics and statistics and research on that subjects. Firstly we went to school of mathematics and statistics. The sirs are pleasantly invited us and given an overview of introduction about University of Hyderabad, how the university functions there, theme and research and also the pride. Professor Padmavati mam had shown an micro presentation of maths and statistics department and courses available etc..., there is [M.sc](#) (maths, applied maths, statistics) and p.H.D (maths, applied maths, statistics). There is big data analysis started in 2014 and machine learning using program R.

The university of Hyderabad works / functions as semester based, they are 4 semesters and at 3-4 semester the students get to decide for jobs / research stream.

Nextly the sir explained how the entrance tests goes and the pattern includes followed by the researcher Professor Suman Kumar sir explained the pure and applied maths and given an brief of which researches are working on what.

Professor Suman Kumar, Professor Radha and Professor Padmavati mam were worked under fluid dynamics and separately Professor Suman Kumar sir working in biological data base and probability and Professor Madhu sudhan sir working on statistical research.

After that we interacted to placement coordinator and followed by a break. They are 2 coordinators, they explain how student union works, about placement, hostels etc.....,

Next we went to Mahatma Gandhi library it was quiet some nearer to main gate of University, the Librarian explained how and what about the functionality of library, I observed that it is mostly E- library, they so many books, they recorded every issues and returns there is a binding room, Xerox room, printing and scanning for blind people room, all the old documents, books are scanned and creating as e- books, the Librarian also said about how they safe the projects journals he also mentioned about anti plagiarism. We have seen a mistaken book without permission. We get a beep sound at the security board (because of magnetic strip). We have lunch which is provided by the university.

After that almost at 3:00pm we have went to school of physics. The professor explained how to explain how to understand physics later they were taken us to practical labs as 2 batches, they for we went to rapid prototyping lab it is 3d- printing lab, one of the students also a researcher showed how it works, he explained in detail about that how we print them in 3d (CAD files to G- Codes and also a CNC) there are 3- types of apparatus edititive and subsrative, the showed the programming and models he presenting researching for rocket

science . Later we went to X-ray diffraction lab with Jyothi mam .she explained the phenomena and how it works with UV dispse . They usually deal with ceramics. Following we went to another place Integrated course , there we seen all the experimental apparatus and that sir especially explained about the measurements and it's resolution .

It almost 5:30pm we ended our trip . I am very glad and thankful for our teacher and thank you for the professor that they patiently explaining about there research and course .

