St. Edmund's College

(Affiliated to North Eastern Hill University, Shillong)
Recognized by the University Grant Commission under 2 (f) and 12 (B) of UGC act 1956)
Laitumkhrah, Shillong – 793003, Meghalaya, India

E-mail: stedmundscollege@gmail.com   Website: http://sec.edu.in

ICT ENABLED INITIATIVES

The college has initiated and executed good number of ICT enabled tools for effective implementation of teaching learning process in addition to the classical chalk & duster method. Some of these are

1. LMS (Learning Management System):

St. Edmund's College uses a Management Information System (MIS) that is designed and supported by Linways Technologies Pvt. Ltd, with its Head Office in Kochi, Kerala. It is designed precisely for Higher Educational Institutions. It is a MIS that is very user friendly and has a support team that is quick to respond to modifications as and when needed as to be tailor made for requirements of the College. Some of the Modules that are currently operational are:

1) Scheduling of Timetable that is flexible, with a provision for having parallel sessions.
2) Uploading of relevant documents pertaining to Staff.
3) Staff Attendance, their Working Hours and Leave Management.
4) Staff Appraisal in a systematic and timely manner.
5) Staff Activity Report and Online Class Report can be easily accessed.
6) Assessments of students can be scheduled and appropriately evaluated.
7) It has a Message Box, wherein the students can communicate with the College.
8) Students leave can be managed and better monitored.
9) Students can post their Grievances, if any.
10) Facility can send SMS and Emails to each other, to Students and Parents.

Along with the above-mentioned Modules, the MIS is being redesigned to include the NAAC requirements as well as moving towards Outcome Based Education (OBE) in a scientific manner.

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Custom Design of Linways Portal

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2. **ICT enabled Classrooms & Seminar rooms**
   - All Classrooms are equipped with ICT enabled tools - LCD Projectors, OHP Projectors, Smart Boards in addition to Chalk duster methodology

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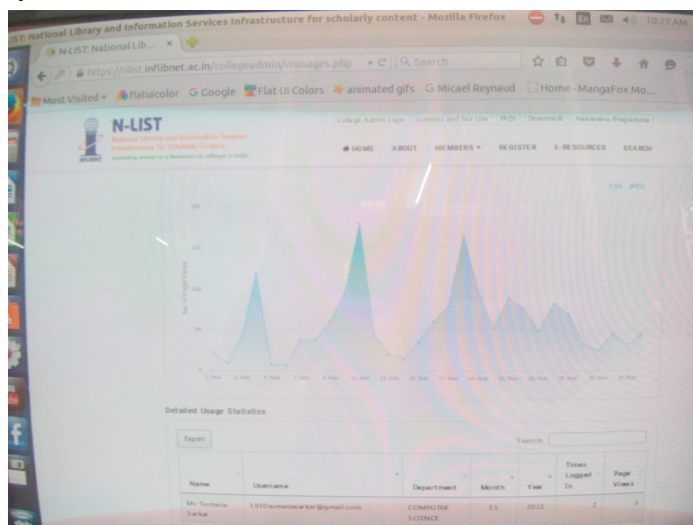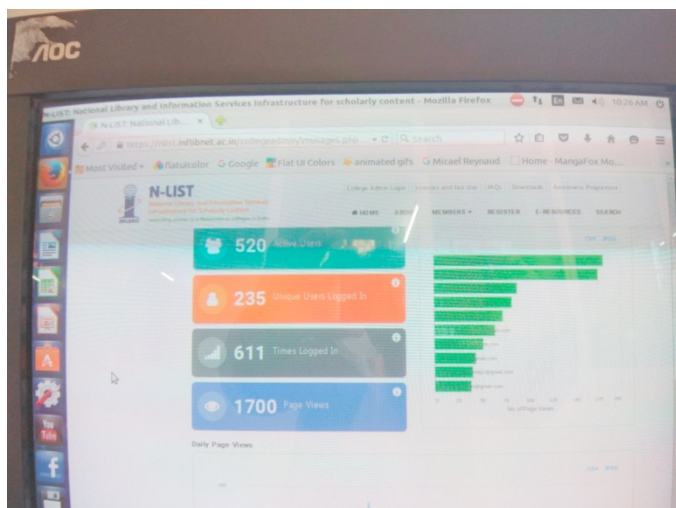
3. **Digital teaching methodology and online classes**

The college has implemented various digital teaching methodology like
- Flipped Classroom,
- Peer Learning,
- Google meet & Goggle Classroom
- Zoom technology for online classes
- Use of digital writing pads for effective teaching learning

4. **Sharing of e-resources**

The LMS portal is being extensively used for the sharing of the resources like notes, hands out, ppt presentation, video links etc.

The students are encouraged to activate their respective N list accounts and use the e resources available in the library.

5. **Use of e resources for Research & Development**

Computational Biology Software - Jmol, AUTODOCK, Phylip, BLAST, Programs for Coding like (JAVA, C, C++, Python, R- language and Bioconductor packages, SOAP Suite,

6. **Demonstration of techniques in Liew of Hands on Training and animated practical's**

Video Play through You Tube, Khan Academy, SWAYAM Portals, MOOCS etc

(Principal)