

**Institute of Engineering & Technology
Devi Ahilya Vishwavidyalaya Indore**

**A Report on
IT Facilities at IET-DAVV**

**Prepared By
Dr. Vaibhav Jain**

At Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya, Indore is using various web applications for various academic related activities which were done previously manual in the institute. Many of these applications are developed by students of the institute under mentorship of faculty members. We have following IT facilities available in the institute:

- Student Feedback System (Developed by IET Students)
- Exam Panel Generation System (Developed by IET Students)
- Result Processing System (Developed by IET Students)
- Grade Entry System (Developed by Third-Party and IET Students)
- Student Attendance System (Developed by IET Students)
- Institute's Website (Developed & Managed by Institute)
- Library System (Developed by Third-Party)
- Course Management System (Moodle - Open Source)
- Institute Email System (Using Google Apps for Education)

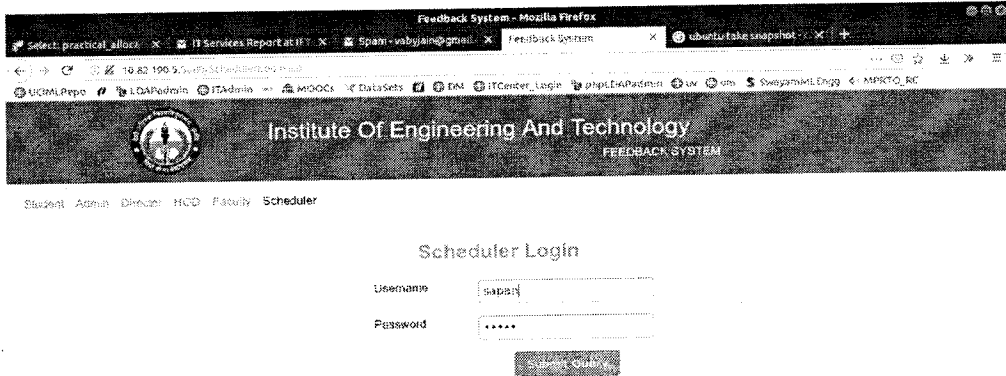
Here, let's look at an overview of all these systems:

- **Student Feedback System:** We have an automated student feedback system, where we can schedule a student feedback for a class and we can generate the feedback report for all the classes. This system is developed by IET students and it is under operation since April 2016. The institute has shifted from manual feedback collection on it and encouraging and achieving paperless system for collecting Student Feedbacks.

S. V. Zokelkar
20.3.19

Director
Institute of Engineering & Technology
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Snapshot 1 : Login window of Student Feedback System



Snapshot 2 : Scheduling Student Feedback

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Feedback System - Mozilla Firefox

Selected: practical_allocat... IT Services Report at IET... Spam - vabjain@gmail... Feedback System... ubuntu take snapshot...

Feedback System - Institute Of Engineering And Technology

Subject Admin Director HOD Faculty Scheduler Back

Welcome VAIBHAV as Faculty

OSP Id:	766	Class Code:	MEICS'SE'	Faculty:	DR. VAIBHAV JAIN
Course:	Master of Engineering (ME)	Department:	Computer Engineering (CE)	Year:	1
Section:	'SE'	Subject:	DESIGN PATTERNS (SEZCS)	Total Feedbacks:	7

Section A

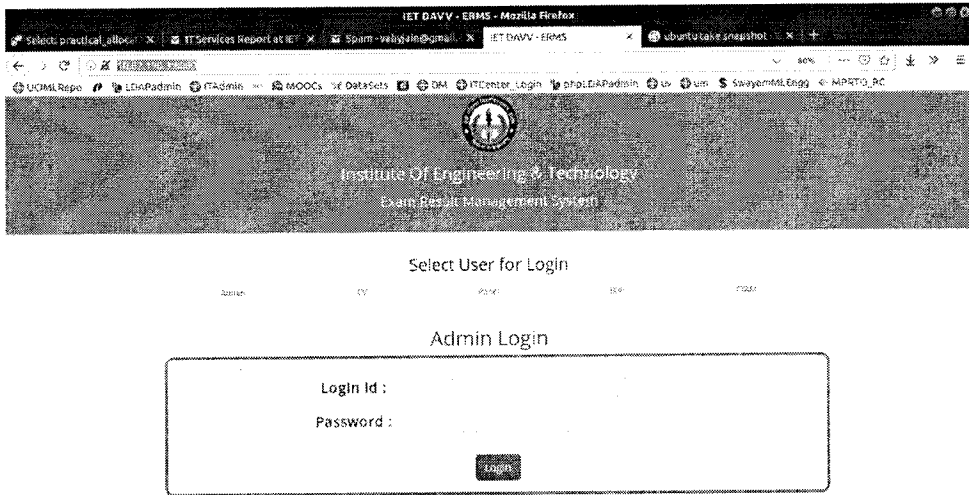
S.No.	Attributes	Average (On Scale: 0 to 5)
1	Ability to bring conceptual clarity and promotion of thinking ability by teacher	4.2857
2	Motivation provided	4.2857
3	Teachers' Communication Skill	4.2857
4	Teacher's Regularity and Punctuality	4.2857
5	Teachers' Subject Knowledge	4.2857
6	Completion and Coverage of Course	4.4286

Snapshot 3 : Student Feedback Report for Faculty

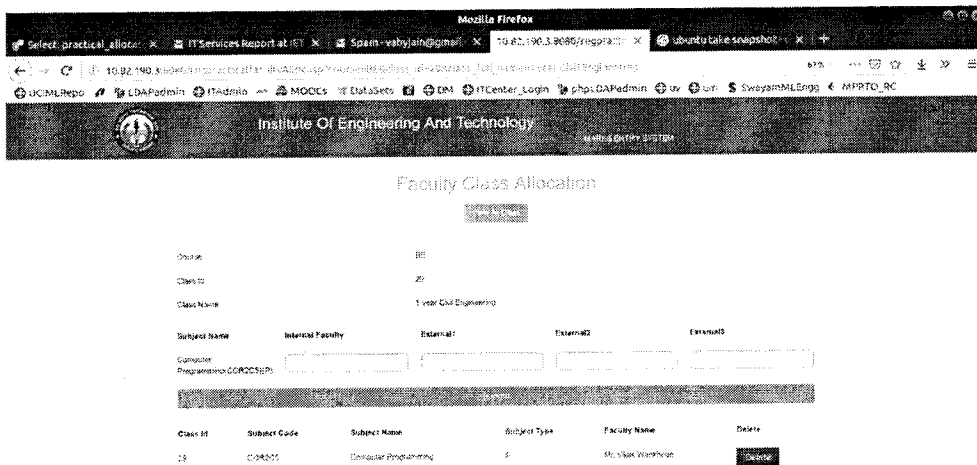
- Exam Panel Generation System:** We have recently deployed the exam panel generation software which helps in generating exam panel (Theory, Practical exams) for semester examination. This system is developed by IET students. The systems assigns internal examiners and external examiners for each subjects according to subject schema. The appointment letters to internal examiners and external examiners are mailed directly using the system. The system allows to take the printout of the panel which is used later for approval of the panel.

S. V. Zakerkar
30.3.19





Snapshot 1 : Login window of Exam Panel Software



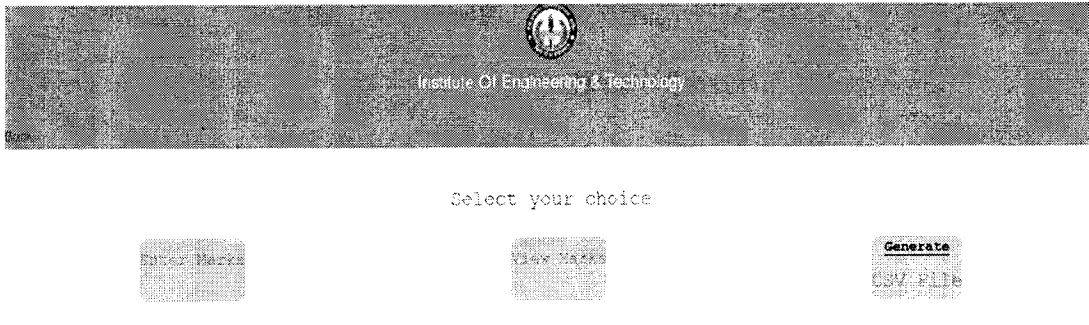
Snapshot 2 : Examiner Allocation through Exam Panel Software

- Result Processing System:** We have a result processing system which was developed by Flair IT Solutions Ltd. in year 2015. But, now it is managed by institute students. It generates the semester results for CBCS and non-CBCS courses. This system provides online grade-sheets immediately after declaration of results. This system supports online requests for college leaving certificates and provisional degrees. Students get confirmation mail once the certificates are ready.

S. V. Zolotarev
30/3/19

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- **Grades Entry System:** We have an online grading system that offers online submission of grades by faculty members. This system is developed by IET students. It also provides the facility of submission of test and end-semester exam marks. It supports all types of grades submission and also validates the erroneous entries filled by faculties by mistake. The system contributes significantly in announcing the semester results on time.



Snapshot 1 : Grade Entry System



Snapshot 2 : Grade Entry System

- **Student Attendance System:** We also have a Student attendance system where regular class attendance is maintained. The system is developed by IET students and the system supports a web interface and also an android based mobile application. The system allows to take attendance real-time using mobile system or offline using web interface.

S. V. Zoselkar
30.3.19
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The system also supports generating various reports like short of attendance list or any customized criteria for generating attendance report.

- **Institute's Website:** The institute's website is developed by the students of the institute, which is hosted and managed by the institute. We also have a student's team which also contributes and give suggestions to improve the website.
- **Library System:** We have a library system where records of all books are kept digitized. Through the software, books issue and returns are done using barcode scanning. Moreover, students can search for the books available in the institute's library.
- **Course Management System:** The institute also has a Moodle, an open source course management system which is used to maintain courses online. Some of faculty members are hosting their course material on Moodle. The students gets benefited by downloading the course material and can submit their assignments online. Moodle also allows to conduct quizzes online which saves paper.
- **Institute Email System:** We are using Google Apps for education (GBoard) service which allows students and faculty members to have an official email id. This service is provided by Google to all educational institutes freely. We are maintaining various groups for better communication among students and faculty members. At present, there are more than 2500 active email accounts.



S.V. Talekar
30.3.19

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Devi Ahilya Vishwavidyalaya
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