



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043, Telangana

Samvidha – Campus Management Portal

Samvidha, the Campus Management System (CMS) plays vital role in the administration of the organization. It creates proper channel between multiple departments in the organization. At the Institute of Aeronautical Engineering, Samvidha manages and supervises the entire academic and administration process. All the stakeholders including faculty, researchers, staff, students and parents can utilize Samvidha in pursuance of information on their areas of the operation. It provides and caters the needs of the academic information to all the students.

Samvidha acts as the binding software for all the student process in the Institute. It takes care of all the aspects related to employee's information including recruitments, salaries, promotion, salary revisions, recognitions, performance appraisal, leaves, etc. It is built on software platforms which are scalable. The software is hosted on the cloud to ensure uninterrupted access by any user. Samvidha also has a mobile version which allows users to access information through their smart phones.

Samvidha acts as a mirror of the college information. It also coordinates and helps examination department with the processes related to issuing of hall tickets; grade Sheets, convocation, transcripts, etc. It can be accessed by faculty, staff, students and parents over a highly secured and smart mechanism in and around the campus. This enables easy access of information to all its users 24/7.

Prime accessible elements of Samvidha include academic registration, program details, course details, student details, student attendance, certificates & document details, human resource management, examinations & grade details, subject mapping, time table management, library management (through OPAC), transport management, Placement management and feedback management.

Features:

Student Pre admission/ Admission:

- Creates and manages admission applications.
- Provides online application form facility from the institute website.
- Manages application forms and generates admission letter.
- Maintains records of student's registration information.
- Generates a detailed report on applicants at each stage with their status and ranks.

Course Registration:

- Enrolls students for the ongoing semester.
- Enrolls faculty for their respective departments & courses for ongoing sessions.
- Maps student's according to specific programs and courses.
- Ensures the constraints regarding credits, prerequisites are met.
- Generates a detailed report on applicants at each stage with their status and ranks.

Program

- Creates and manages programs offered by different departments of the college
- Defines the credits, hours and sections for the programs.
- Set up limits for programs offered within a semester.
- Maps programs with respect to the sessions, i.e. programs offered within a session
- Defines the period name and specific duration, reporting cycle and program intake of an academic year

Course

- Creates and manages various courses that are offered in the college.
- Lists the courses and students associated along with enrollment date and course faculty.
- Plans lessons to be taught and assign duration for a specific chapter/unit.
- Provides a master setup facility to create semesters for different courses.
- Manages academic year and session processes.
- Allocates take-home assignments to students.

Attendance Record

- Generates a session details for attendance via integration with time-table.
- Marks section-wise attendance of the students and uploads lecture notes.
- Generates attendance reports including program wise, faculty wise and student wise attendance.
- Ensures Attendance based exam detention by integrating attendance management with examination module.

Student Profile

- Maintains student profiles including personal details, qualification, and 100+ fields.
- Uses the facility of student snapshot to view their details referring to program, fees, exams, and attendance on a single link.
- Generates student ID cards and barcodes.
- Provides reporting tools to generate detailed student reports using various search criteria.

Fees Payments:

- Creates student fee plan at the time of course enrollment.
- Manages refunds and online transfer issues along with duplicate receipt issues.
- Provides facility to manage fee discounts under three types i.e. fixed, ad hoc, and percentage based discounts.
- Settles the payable bills with the respective fee heads such as admission fee, examination fee, transport fee, etc
- Generates reports on statements of account for each student for all transactions within a specific time range.
- Provides reports including outstanding and collection report.

Certificates and Documents:

- Provides a facility by which student/faculty/employee can request certificates that he/she wants to get issued.
- Keeps records of documents submitted at the time of admission such as birth certificate, SSC, Intermediate, Diploma/Degree certificates, mark sheets, entrance exam certificates, etc.
- Generates documents using document generator and print the certificates/documents directly on a predefined format

Human Resource:

- Manages employee records.
- Manages employee leaves approval.
- Defines leave types and eligibility rules for leave application of employees.
- Provides push notification facility through SMS, email and internal notification for leave approvals
- Provides visualization of employee leaves and attendance through the dashboard for.
- Generates attendance reports of employees.
- Generates time-sheet for in-time and out-time of employees.
- Payrolls processing of an employee based on attendance.
- Generates a report on TDS Calculation of each employee based on their pay scale.
- Views and print the Pay slip directly on a predefined format.

Examinations and Mark sheets:

- Prepares and manage pre-examinations processes.
- Manages exam notifications to send to student/parent/faculty portals.
- Manages exam programs and student registration.
- Manages student detention on the basis of credits/attendance record.
- Generates hall ticket and designs exam schedule.
- Manages exam day processes including student exam attendance.
- Evaluates and manages different marking heads i.e. mid-term, viva and final semester.
- Records student performance remarks and marks.
- Manages the marking schemes including grade, SGPA and CGPA.
- Prepares results, transcripts and generates reports for result analysis.
- Records marks obtained in the transferred college under exchange programs.
- Provides overall reports for exam and mark sheet management.
- Generates reports on the basis of student average and the course average for performance analysis of students, courses and sections.
- Generates reports on faculty performance based on pass percentage.

Laboratories:

- Various experimental setups are developed to cater the need of B.Tech and M.Tech programs.
- Several research facilities are developed to support the research activities.
- Responsible course expert team exercises the **central domain of expertise** in developing and renewing the curriculum.
- Assess the quality and effectiveness to the highest of professional standards.

Electronic Lab Record (ELR)

- Digitized version of paper notebooks used to collect and organize laboratory data
- Automates and stores lab data
- Facilitate the uploading, searching, and retrieval of data
- Set up and maintains security measures to protect data
- Support the secure, restricted distribution of and access to stored data
- Automates lab workflows and processes
- Day to day evaluation of student records by the faculty
- Calculates internal marks of the students

Time Table:

- Generates session (period) details for attendance.
- Marks attendance of students, program and section-wise.
- Provides functionality for attendance based exam detention with the integration of attendance management and examination module.
- Provides attendance reports including program wise attendance for faculty and students.

Library Integration with OPAC

- Manages books/periodicals/journals and other media records .
- Manages available books and issued books records with RFID/barcode integration.
- Generates library cards for students, faculties and books.
- Issue/receives library items to and from students/faculties.
- Can be accessed regardless of whether the library is open or not.

Transport

- Creates and manages vehicle Information.
- Manages route information.
- Manages students & bus stop information.
- Provides transport fee facility.
- Keep records of driver details for each vehicle running on various service routes.
- Generates reports on above.

Placement

- Creates companies in the system.
- Manages placement drives.
- Allows students to apply placement training.
- Generates a report on eligibility list of students with different criteria based the company requirement of job posting.
- Allows students to share placement experience.

Feedback

- Schedules a time-frame for enabling early/end semester, OBE feedback
- Allows students to provide early/end semester, OBE feedback within the scheduled time
- Generates feedback reports

Finance and Accounts:

- Maintains admission, tuition, examination and transport fee details
- Scholarship details
- Creates fitment scale and salary master
- Enables TDS Calculator
- Generates Biometric reports
- Process Payroll
- Generates Pay slips
- Generates TDS report
- Uploads Form-16 of every staff
- Incentive for Research activities
- Process yearly income and expenditure
- Maintains monthly and annual salary report of employee
- Fee raise module for online fee payment

Staff Service Register:

- Maintains personal, academical and professional details of each faculty.
- Provides the details of faculty academic Identity, salary and Incentives
- Furnishes the academic timetable
- Provides employee biometric details
- Provision to apply leave is enabled and maintains each individual leave record
- Tracks and updates the achievement record of each faculty in the areas of academics, research and outreach activities.
- Facilitates the provision of student feedback and result analysis
- Daywise activity record is encrypted

Purchases:

- Furnishes the details of raised purchase proposal requests
- Provides the Indent number, date and the department of each purchase.
- List of the purchase category and the purchase order type is maintained.
- Uploads the quotation details of each purchase
- Details of payment type and the mode of payment is attached with the proofs

Key Features of Samvidha:

- The college authorities implement full supervision of all service units in the office through the ERP software.
- The Administration communicates with governing body members as well as the teaching and non-teaching staff through email.
- All important administrative information including notices is regularly published on the website.
- Biometric attendance for all staff members is maintained.
- Fully automated, wireless office with 24x7 internet facility
- The college campus is equipped with CCTV Cameras installed at various places of need. ICT is introduced in the Administrative work.
- Telegram group helps to provide the brief notices of any event to be happened on college.
- Telegram groups are also used for awareness and of smooth functioning of the same.

Administration through Samvidha: The Samvidha login shown in figure 1 is for both faculty and students. The respective ID and password for students and faculty members can be used to log in. It allows instructors and students to operate and access the necessary information.

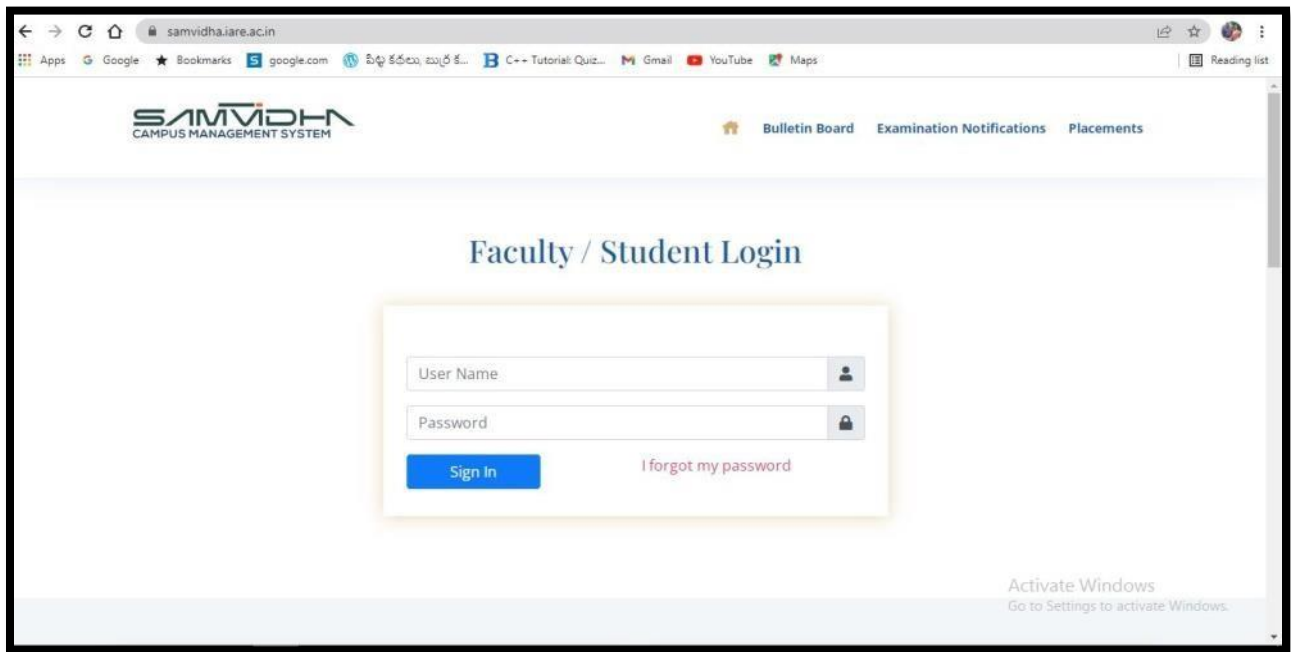


Figure: 1-Samvidha Faculty /Student Login

Dashboard: It provides links to all the required information and briefs view of all the strings of operation for the students and the faculty as referred in figure 2.

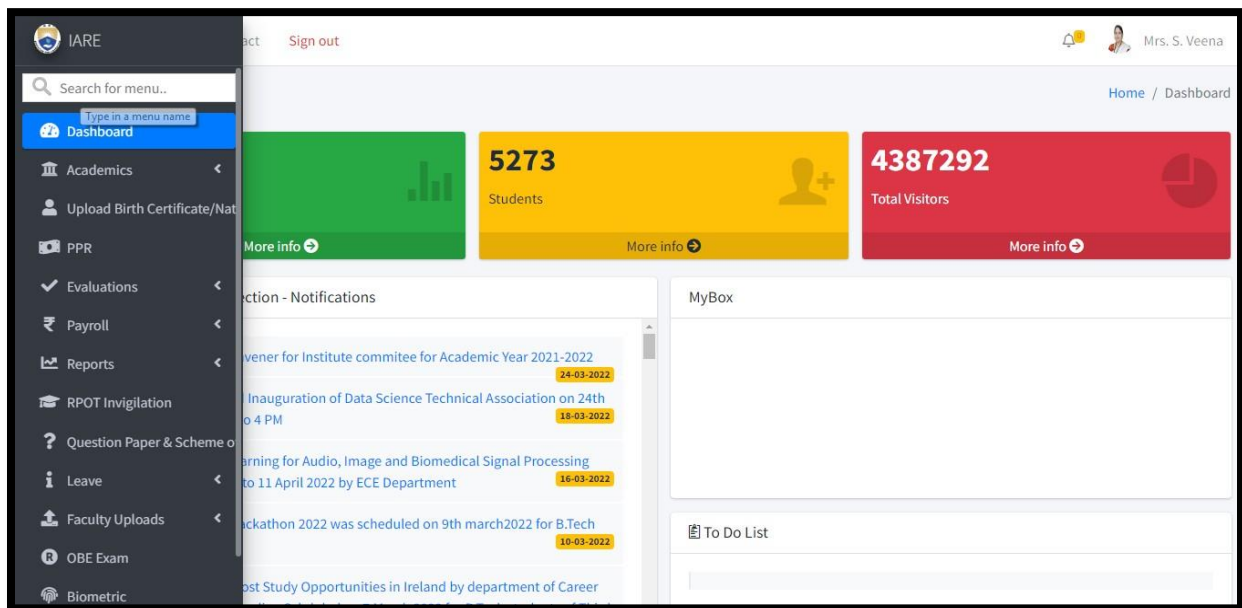


Figure: 2- Samvidha Dashboard

Adding New employee: Figure 3, allows adding new staff with all the details which include personal, academical, and professional experience. It also updates the fitment scale of the newly joined employee.

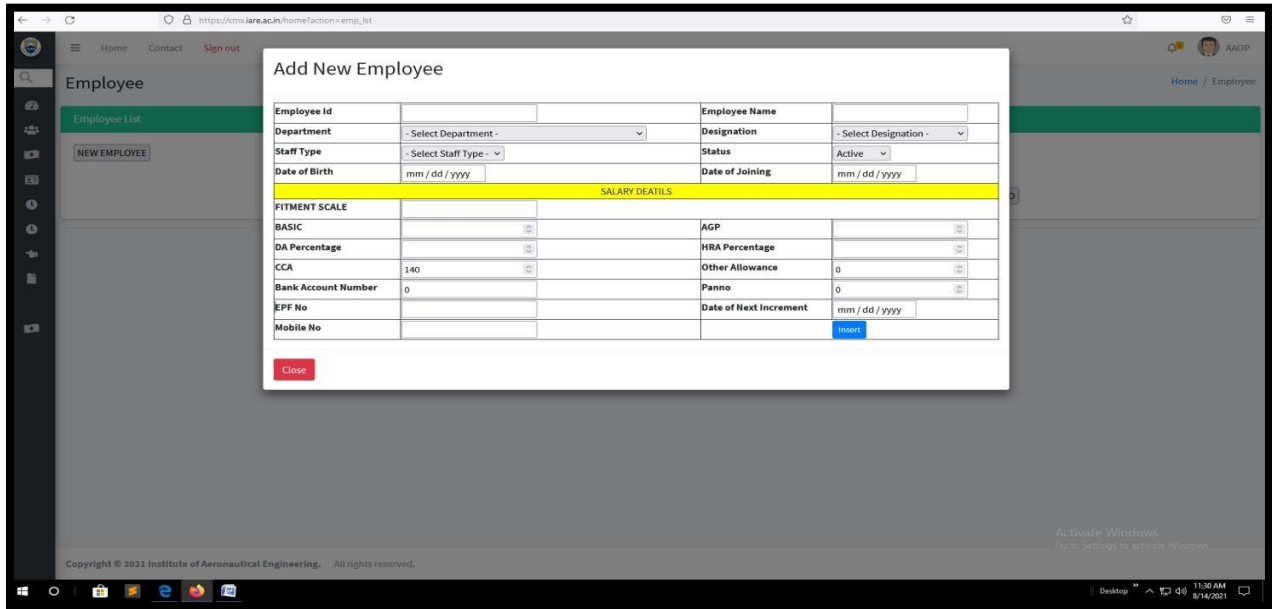


Figure: 3- Add New Employee

Certificate collection: It is mandatory for the entire staff to upload all the relevant certificates of the experience and educational qualification in the college login as mentioned in figure 4. They will be used during the inspections and also caters the needs of the college requirement.

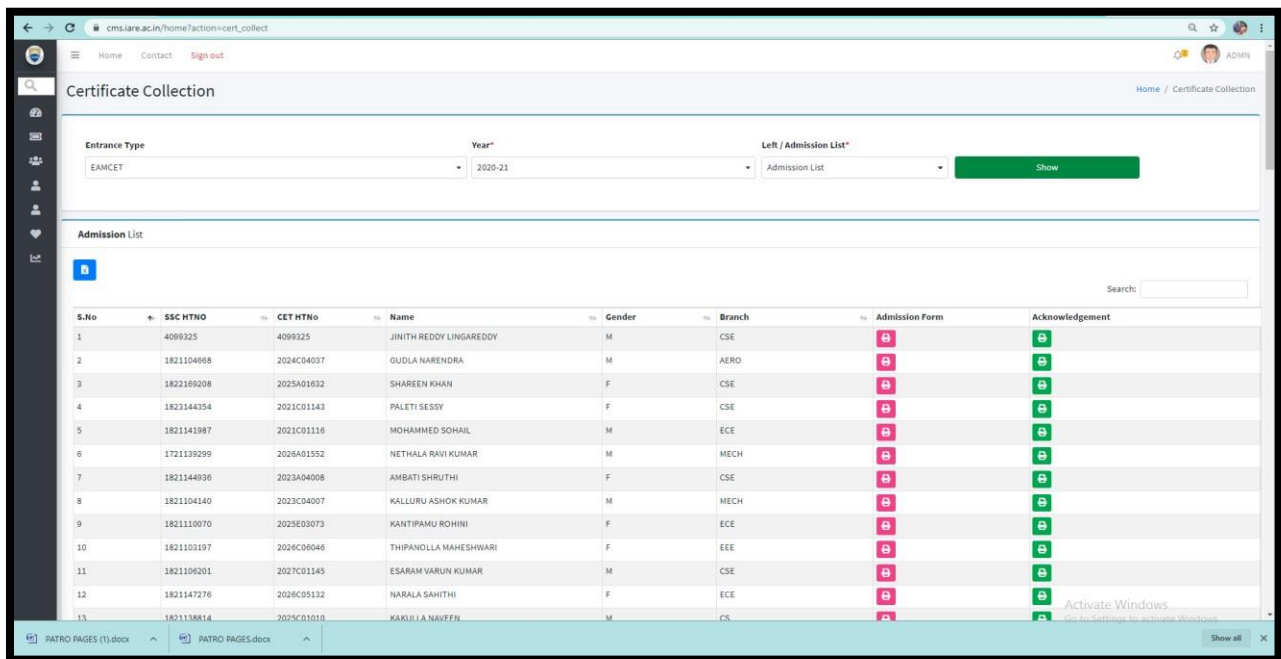


Figure: 4- Certificate Collection

Biometric: Figure 5 depicts details of Check-in and Check-out time of the students and the faculty in to the college are recorded and displayed through Samvidha

BIO METRIC MONTHLY

BIO-METRIC MONTHWISE REPORT

Start Date: mm / dd / yyyy
End Date: mm / dd / yyyy
Staff: Select Dept
Show Biometric

DOWNLOAD

Faculty Attendance Report (August - 2021)

S.No	Emp ID	Name	01/08 In Out	02/08 In Out	03/08 In Out	04/08 In Out	05/08 In Out	06/08 In Out	07/08 In Out	08/08 In Out	09/08 In Out	10/08 In Out	11/08 In Out	12/08 In Out	13/08 In Out	Total Present	
1	IARE10131	DR.JSR PRASAD	Sunday	Holiday	9:25 17:22	09:28 17:22	09:27 17:52	09:29 17:22	09:24 16:45	Sunday	09:31 17:01	09:32 16:56	09:31 17:15	09:26 16:31	09:36	12	
2	IARE10607	DR.VENU MALAGAVELLI	Sunday	Holiday	9:07 16:10	08:56 16:46	08:48 16:06	09:14 16:09	09:06 16:12	Sunday	09:06 16:24	09:10 16:58	09:03 17:17	09:09 16:07	09:08	12	
3	IARE10660	DR. U VAMSI MOHAN	Sunday	Holiday	9:24 17:10	09:27 16:40	09:29	09:28 17:22	09:22 16:10	Sunday	09:27 17:07	09:00 16:13	09:26 17:11	09:32 17:12	09:27	12	
4	IARE10659	DR.SHROUTHI KAVITI	Sunday	Holiday	Absent	Absent	Absent	Absent	Absent	Sunday	Absent	Absent	Absent	Absent	Absent	2	
5	IARE10838	DR. VEMULA ANAND REDDY	Sunday	Holiday	9:03 17:35	09:06 16:59	09:05 17:02	09:05 16:32	09:10 18:01	Sunday	09:15 16:25	09:13 16:11	08:58 17:19	09:02 16:12	09:05	12	
6	IARE10143	MR. K TARUN KUMAR	Sunday	Holiday	Absent	Absent	Absent	09:25 16:05	09:23 16:11	Sunday	Absent	Absent	Absent	Absent	Absent	4	
7	IARE10348	MS. S P SHRUTHILAYA	Sunday	Holiday	9:05 17:59	09:30 18:28	09:26 17:25	09:33 18:29	09:30 18:00	Sunday	09:27 18:21	09:32 18:35	09:13	09:28 18:26	09:28	12	
8	IARE10417	MR. GUDE RAMA KRISHNA	Sunday	Holiday	9:27 16:10	09:27 16:49	09:27 17:02	09:27 16:19	09:27 16:22	Sunday	CL	09:27 16:11	09:27 17:15	09:29 16:06	09:27	12	
9	IARE10449	MR. B SURESH	Sunday	Holiday	9:20 17:35	09:09 16:59	09:22 17:27	09:12 16:10	09:13 18:01	Sunday	09:00 16:25	09:20 16:10	09:27 17:19	09:06 16:12	09:04	12	
10	IARE10459	MR. N VENKAT RAO	Sunday	Holiday	9:11 16:55	09:15 16:31	09:13 16:26	09:11 16:19	09:13 16:22	Sunday	09:17 16:08	09:17 16:11	09:18 16:14	09:21 16:06	09:21	12	
11	IARE10490	MR. R SURESH KUMAR	Sunday	Holiday	Absent	Absent	Absent	Absent	Absent	Sunday	Absent	Absent	Absent	Absent	Absent	2	
12	IARE10512	MR. S SELVARAJAN	Sunday	Holiday	09:18 16:16	8:53 22:07	08:47 18:22	08:48 18:56	08:03 16:51	08:42 19:07	Sunday	09:09 18:39	08:47 17:44	08:37 19:26	08:55 18:28	08:44	13
13	IARE10537	MR. K ANAND GOUD	Sunday	Holiday	9:14 17:35	09:11 17:12	09:02 17:51	09:09 16:24	09:09 16:59	Sunday	CL	09:24 16:14	09:18 17:19	09:19 16:09	09:22	12	
14	IARE10540	MR. CH BALAKRISHNA	Sunday	Holiday	9:28 17:46	09:29 17:12	09:30 17:51	09:30 16:19	09:28 17:00	Sunday	09:31 17:53	09:28 16:15	09:31 17:19	09:29 16:09	09:39	12	
15	IARE10625	MR. CH VSS SUDHEEP	Sunday	Holiday	Absent	Absent	Absent	Absent	Absent	Sunday	Absent	Absent	Absent	Absent	Absent	2	

Figure: 5- Biometric details

Scholarship application: The Provision to verify all the details of eligibility for scholarship and apply for scholarship is accessed here by providing online scholarship application as referred in figure 6.

Scholarship Application

Scholarship Application Uploaded Report

Academic Year: Year Select Type OK

S.No	Roll No	Name	Scholarship Type	Application Status
1	20951D5803		F	
2	19951A0171	GUGULOTH SURESH	F	
3	20951A0101	BOBBILI ABHINAV PATEL	F	20951A0101_1626328763.pdf
4	20951A0102	DURSAM ABHINAV	F	20951A0102_1626934007.pdf
5	20951A0103	DHANAVATH AISHWARYA	F	20951A0103_1626331605.pdf
6	20951A0105	GOLLA AKHILA	F	20951A0105_1626417685.pdf
7	20951A0106	MEESALA AKSHITHA	F	20951A0106_1626772064.pdf
8	20951A0108	CHILIVERI ANUDEEP	F	20951A0108_1628496585.pdf
9	20951A0109	BEERAVELLI ANVITHA REDDY	F	20951A0109_1626428205.pdf
10	20951A0110	SANKU ARAVIND	F	20951A0110_1626414782.pdf
11	20951A0111	ENDLA BHUPALCHARANYOGI	F	20951A0111_1626254826.pdf
12	20951A0113	BANAVATH GOPAL	F	20951A0113_1626254822.pdf
13	20951A0115	GOGULA JEEVAN KUMAR	F	20951A0115_1626333675.pdf
14	20951A0120	KALAGONI MAHESH	F	20951A0120_1628500032.pdf
15	20951A0121	THANGEDI MAHESH	F	20951A0121_1626426247.pdf
16	20951A0121	THANGEDI MAHESH	F	20951A0121_1626333123.pdf
17	20951A0126	P NAGESH	F	20951A0126_1626931893.pdf
18	20951A0128	MALA NAVANEETHA	F	20951A0128_1626931385.pdf

Figure: 6- Scholarship Application

Course details: The details of the different courses offered is displayed and provides all the information related to the course as shown in figure 7.

S.No	Course Code	Course Title	Credits	Internal Max Mark	External Max Mark	Assignment Max Mark	CIE Max Mark	Quiz Max Mark	Course Type	Dept	Semester	SEE External Pass Mark	SEE Total Pass Mark	Short Code	Regulation	Course Category	Course Lab Related	Course Offered
1	ACSB07	COMPUTER ORGANIZATION AND ARCHITECTURE	3.00	30	70	5	20	5	T	5	4	25	40	COA	R18	CORE	NO	Y
2	AITB03	THEORY OF COMPUTATION	4.00	30	70	5	20	5	T	5	4	25	40	TOC	R18	CORE	NO	Y
3	AITB04	OPERATING SYSTEMS	3.00	30	70	5	20	5	T	5	4	25	40	OS	R18	CORE	NO	Y
4	AITB05	DESIGN AND ANALYSIS OF ALGORITHMS	4.00	30	70	5	20	5	T	5	4	25	40	DAA	R18	CORE	YES	Y
5	ACSB08	DATABASE MANAGEMENT SYSTEMS	3.00	30	70	5	20	5	T	5	4	25	40	DBMS	R18	CORE	YES	Y

Figure: 7- course details

Daily Purchase Report: Figure 8 depicts the daily purchase report of the day-to-day expenditure is displayed through DPR View.

Id	Invoice_No	Invoice Date	Supplier Name	Supplier Address	Other Charges	Tax Percentage	Total	Show
1	GTPLS/20-21/JAN/0012	2021-01-02	GTPL BROADBAND PVT. LTD	TARNAKA,SECBAD	0	0.00	150001	Show
2	IN2021000001858	2021-01-03	DIGITAL RIVER (FLICKR)	IRELAND	0	0.00	5255	Show
3	1768	2021-01-03	karthik building material suppliers	gandimaisamma x roads	0	0.00	5600	Show
4	SSC/ISO/20-21/1-09	2021-01-04	SAYI SURYA CONSULTANTS	BAGHLINGAMPALLY,HYD	0	0.00	126000	Show
5	TS36/004/0058	2021-01-04	D-VoIS Communications Private Limited	BEGUMPET	0	0.00	50001	Show
6	023	2021-01-05	ESHWAR SHIVA GANESH TRADERS	BEERAMGUDA	0	0.00	39600	Show
7	296	2021-01-05	RAMDEV ENTERPRISES	KOMPALLY	0	12.00	20720	Show
8	297	2021-01-05	RAMDEV ENTERPRISES	KOMPALLY	0	0.00	27942	Show
9	1262	2021-01-06	PRASAD COMPUTERS	Kphb colony,Hyderabad	0	0.00	4200	Show
10	321	2021-01-07	ADITYA STEEL TRADERS	FATEH NAGAR, HYD	25	0.00	5064	Show
11	203609131	2021-01-08	D-VoIS Communications Private Limited	BEGUMPET	0	0.00	50001	Show

Figure: 8- Daily purchase report

Nominal Rolls: It enables information about the student nominal roles is providing access to the students as referred in figure 9.

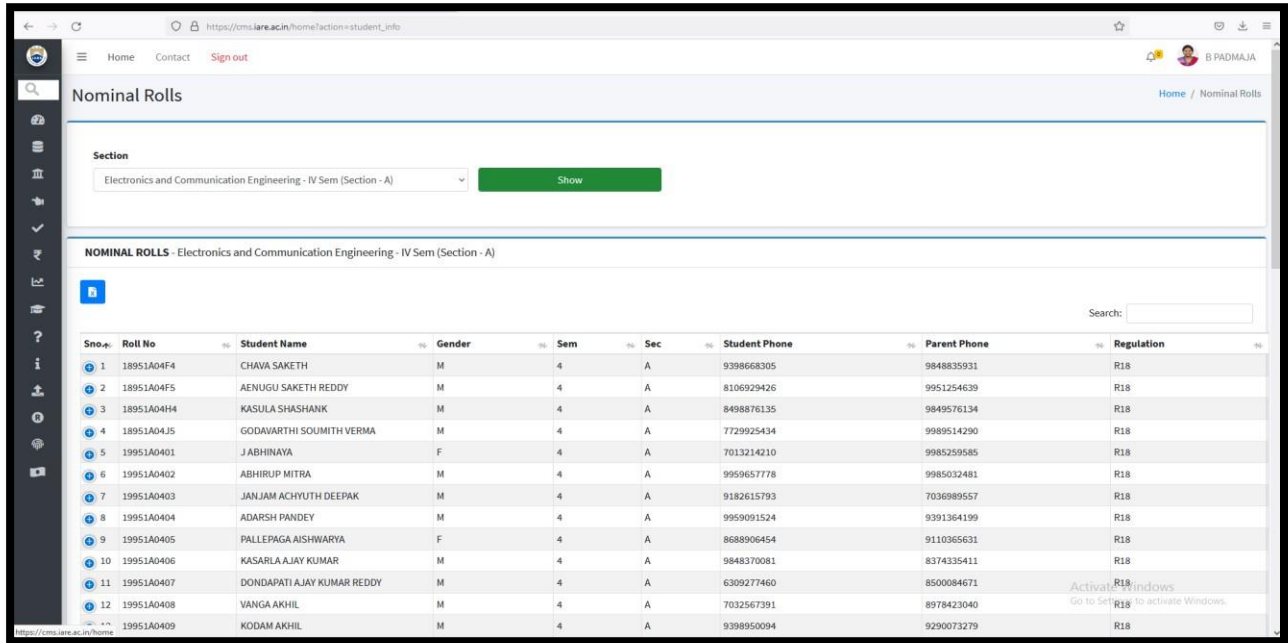


Figure: 9- Nominal roll

Adding New Department: Figure 10 enhances the access to create or add new department in the college.

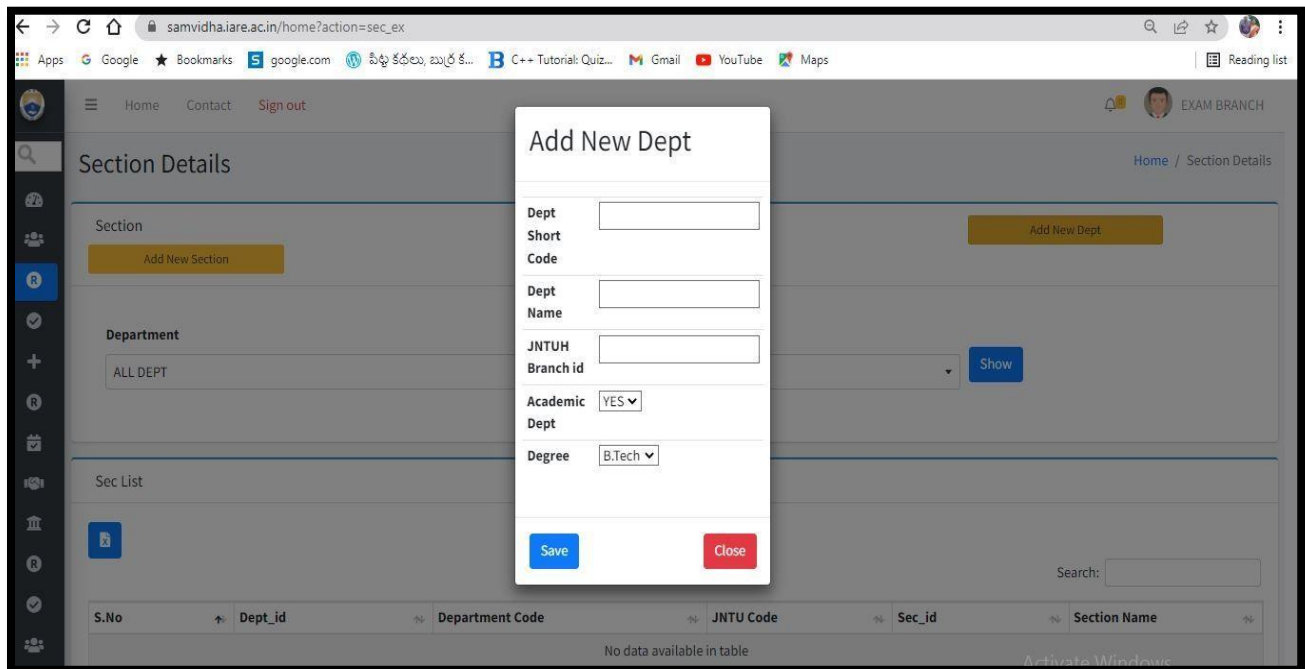


Figure: 10- Adding new department

Adding New Section: It enhances to add new section for a course in the college as depicted in figure 11.

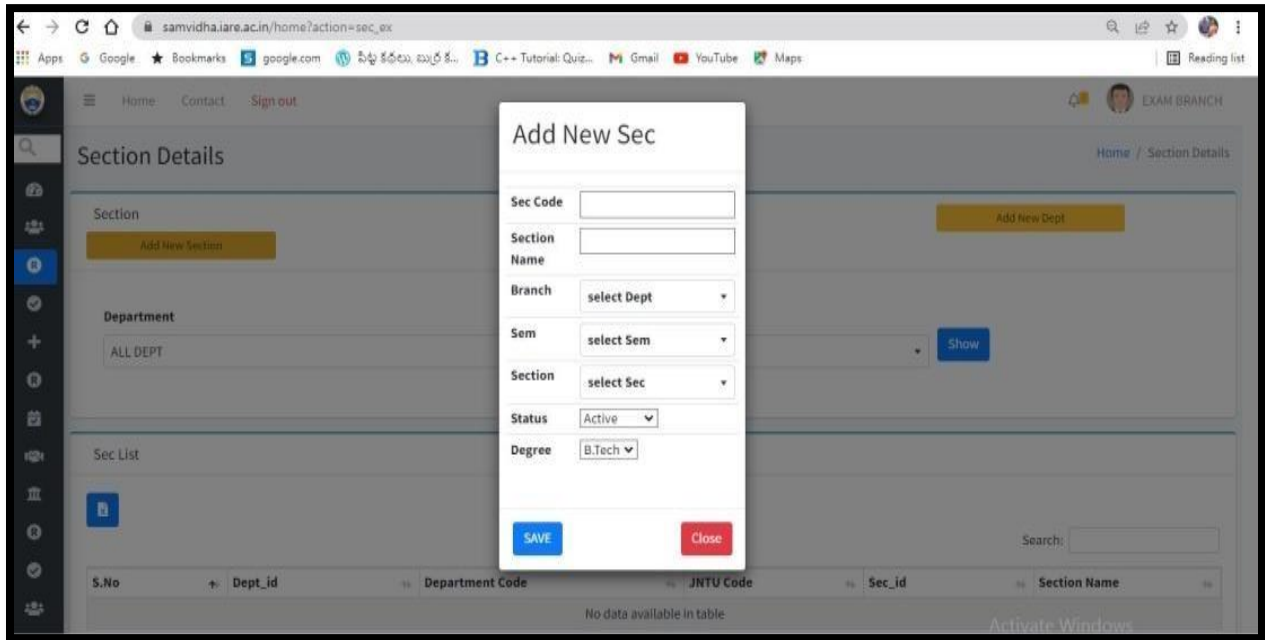


Figure: 11- Adding new section

Activity Diary: It helps in providing the information of daily activity of the staff and updates the daily time table of the classes as shown in figure 12.

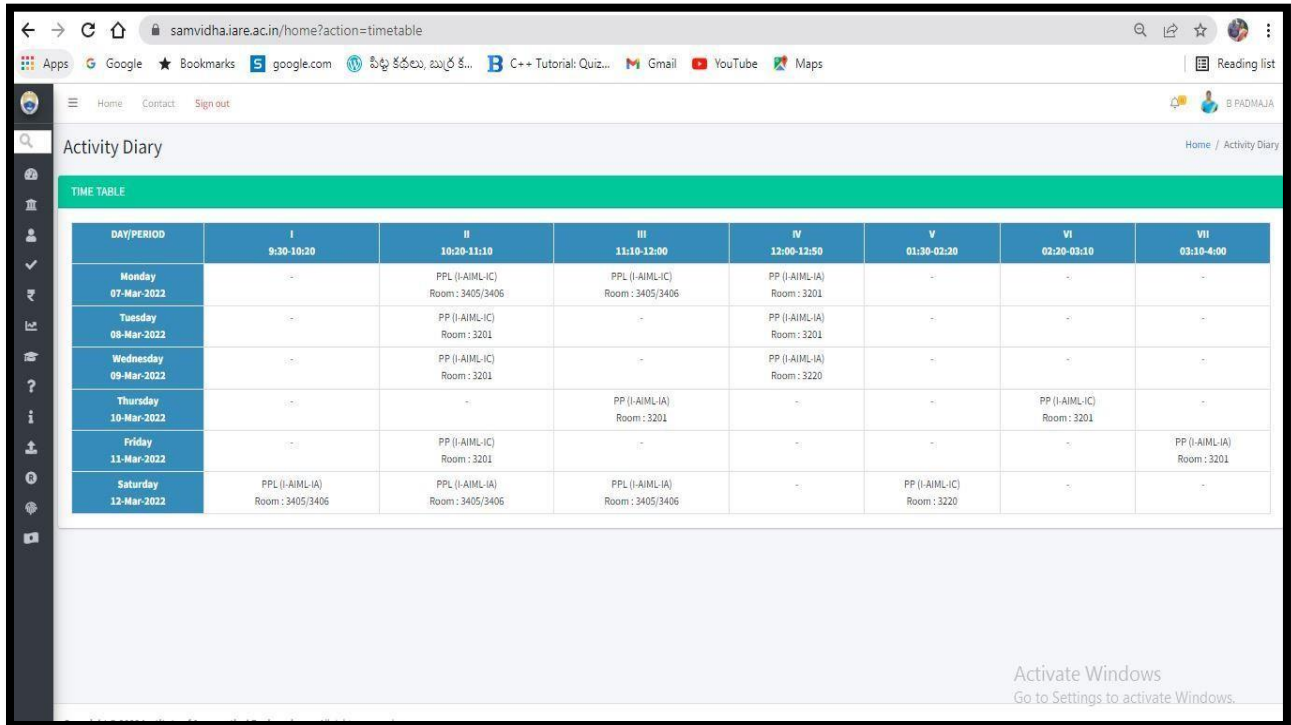


Figure: 12- Activity diary

Biometric Report: It provides information about the check in and check out time of the staff and the students as seen in figure 13.

S.No	Emp ID	Name	Date	IARE BAS			JNTU BAS			FSA Status
				In Time	Out Time	Status	In Time	Out Time	Status	
1	IARE10209	B.Padmaja	12-Mar-2022	09:10		Present (No OutPunch)			AB	AB
2	IARE10209	B.Padmaja	11-Mar-2022	09:08	18:04	Present			AB	AB
3	IARE10209	B.Padmaja	10-Mar-2022	09:08	17:25	Present			AB	AB
4	IARE10209	B.Padmaja	09-Mar-2022	9:17	18:08	Present			AB	AB
5	IARE10209	B.Padmaja	08-Mar-2022	09:13	18:35	Present	9:14:32		AB	AB
6	IARE10209	B.Padmaja	07-Mar-2022	09:20	18:49	Present	9:21:31	17:45:14	P	P
7	IARE10209	B.Padmaja	06-Mar-2022	11:33	13:12	Sunday				
8	IARE10209	B.Padmaja	05-Mar-2022	09:11	18:10	Present	9:12:26	18:11:15	P	P
9	IARE10209	B.Padmaja	04-Mar-2022	09:14	18:00	Present	9:14:58	17:54:20	P	P
10	IARE10209	B.Padmaja	03-Mar-2022	09:15	17:55	Present	9:16:35	17:55:36	P	P
11	IARE10209	B.Padmaja	02-Mar-2022	09:10	18:48	Present	9:22:32	17:44:27		
12	IARE10209	B.Padmaja	01-Mar-2022			Holiday				

Figure: 13- Biometric report

Library access: Figure 14 shows how a c c e s s to the library using Online Public Access Catalog (OPAC) is carried and made accessible.

Figure: 14- Library access (OPAC)

Staff Service Register: It provides complete details of faculty is maintained in the service register as referred in figure 15.

The screenshot shows a web application interface for the Staff Service Register. On the left is a vertical navigation menu with icons for search, home, and various document types. The main content area is titled 'Personal Details' and contains a table of employee information. A profile picture of Ms. S VEENA is shown in the top right corner of the details section.

Personal Details			
Name	Ms. S VEENA		
Employee Id	IARE10949		
Designation	Assistant Professor		
Department	English		
Gender	F		
Date of Birth	13-08-1986	Date of Joining	21-02-2022
Religion	Hindu	Caste Category	BC-B
Divyangjan	NO	Disability Type	no
Aadhar Number	918934697312	Pan Number	DAWPS8594E
Father's Name	Suram Manik Prabhu	Mother's Name	S.Bhagyamma
Marital Status		Spouse's Name	
Blood Group	A Negative	Phone Number	9666667788
Personal E-mail Id	veena.netha@gmail.com	Domain E-mail Id	s.veena@iare.ac.in

Figure: 15- Staff Service Register

Employee pay slips: Generation of detailed pay slip of the employee is depicted in figure 16.

The screenshot shows a web browser window displaying the 'Generate Payslip' interface. The URL is https://samvidha.iare.ac.in/home?action=payslip_aaop#. The interface includes a form to enter employee ID, year, month, and a 'Generate Payslip' button. Below the form is a detailed pay slip for N V KRISHNA RAO, an Assistant Professor at IARE, for the month of January 2022. The pay slip lists earnings and deductions in Rupees (Rs.).

INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)			
Approved by AICTE NAAC Accreditation with 'A' Grade Accredited by NBA Affiliated to JNTUH, Hyderabad			
PAYSIP FOR THE MONTH OF JANUARY-2022			
Employee-ID	IARE10004		
Name	N V KRISHNA RAO		
Department	COMPUTER SCIENCE AND ENGINEERING		
Designation	ASSISTANT PROFESSOR		
Account Number	6961140007450		
PAN Number	ADXPN0070B		
Earnings (Rs.)		Deductions (Rs.)	
Basic	25016	PT	200
AGP	7000	EPF	0
DA	27214	TDS	500
HRA	9605	Transport	0
CCA	140	Phone Bill	0
Other Allowance	0	Salary Advance	0
Others Refund	0	Health insurance	0
All Types Incentive	0	Other Deductions/ESI	0
Exam Remuneration	0		
LOP Days	0.00	LOP Amount	0
Salary Advance	0	Total Deductions	700
Gross Salary	68975	Take Home Salary	68275

Figure: 16- Employee pay slips

Monthly wise salary Report: Figure 17 show the clear picture of month wise salary of all the employees in consolidated form.

Figure: 17- Monthly wise salary report

Daily Purchase Report (DPR): It gives access to all the purchased details of all the items required for the institution. It also stores item details and the purchased bill copy also as seen in figure 18.

Figure: 18- Daily purchase report

TDS Calculator: Figure 19 screens the calculation of tax deduction from the salary based upon basic HRA,DA, CCA and savings. It allows the system to cut the TDS amount from every month salary.

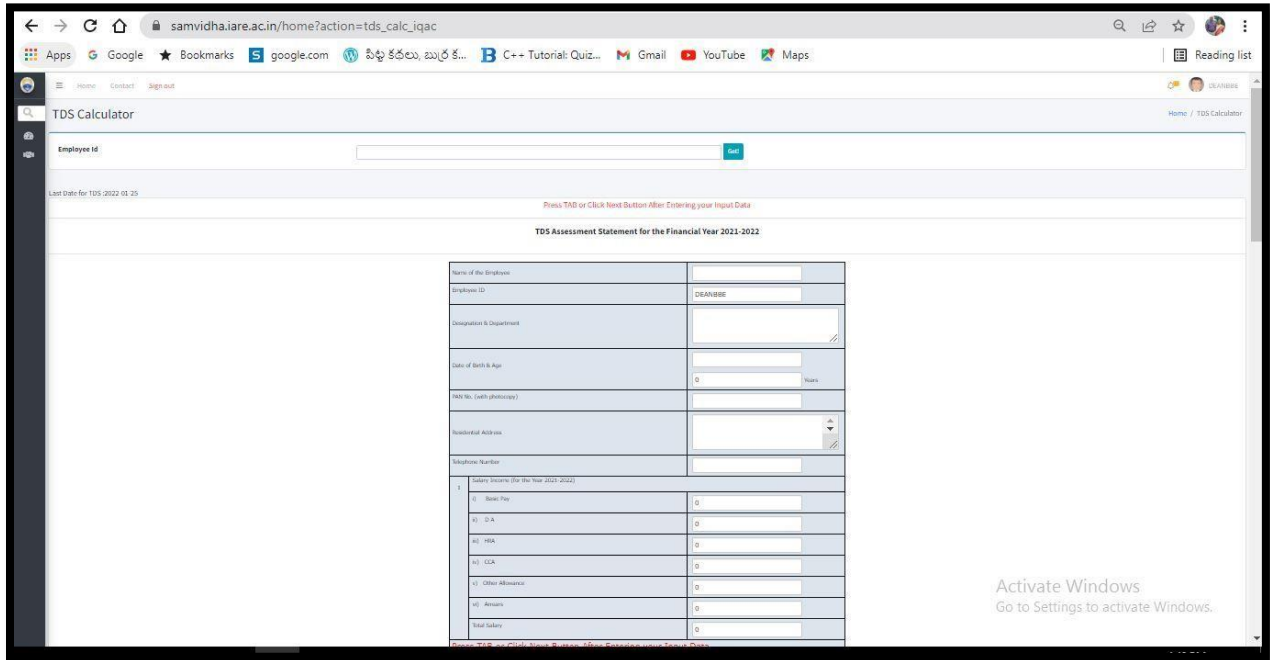


Figure: 19- TDS Calculator

Incentive Report: It provides the clear report of incentives provided to the faculty as mentioned in figure 20.

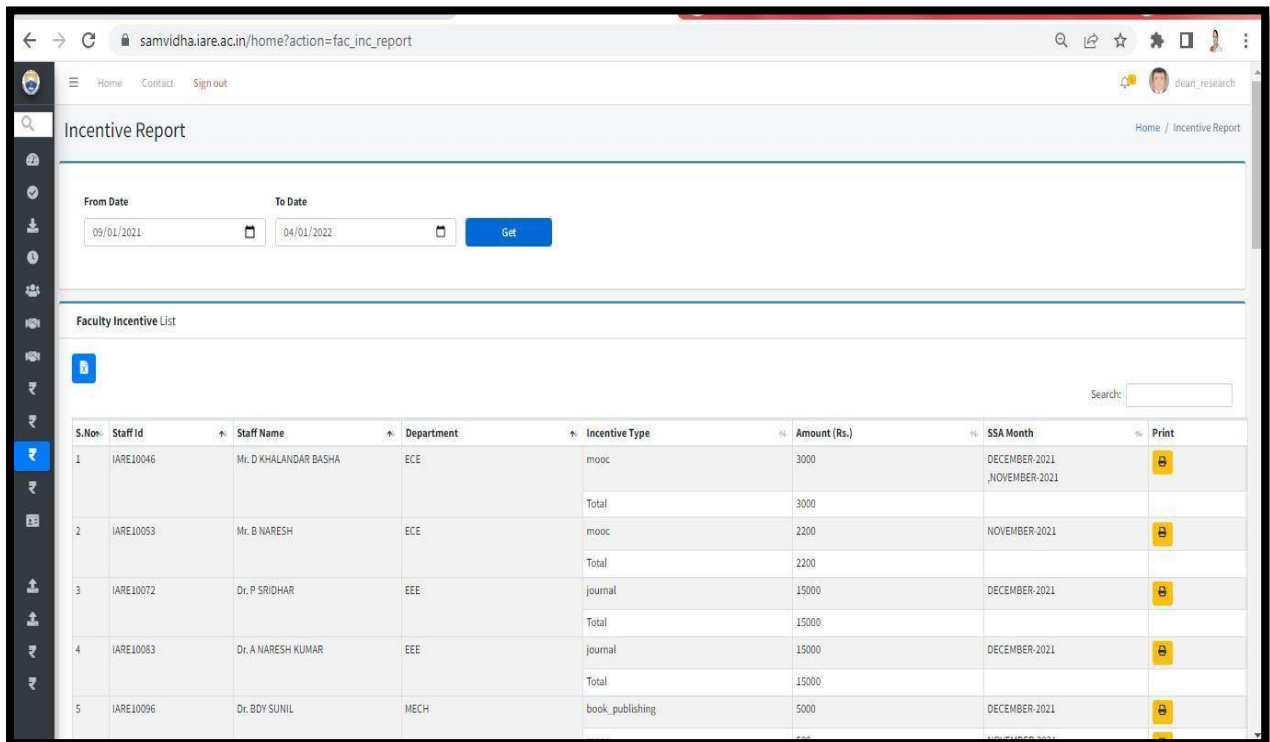


Figure: 20- Incentive report

Bus Fee Collection Report: Figure 21 shows how it caters all the details of the bus fee collection.

S.No	AYear	Rollno	Student Name	Branch	Batch	Route No	Boarding Point	Paid Fee	Paid Date	Trackid
1	2021-22	1995IA05E3	KODE ROSHINI NAIDU	CSE	2019	2	CHINTAL	19950	2021-09-12	bf1116314561153421995IA05E3
2	2021-22	2095IA04P6	KALLAM NAGA YASHASWINI	ECE	2020	2	CHINTAL	19950	2021-09-14	bf1116315867854712095IA04P6
3	2021-22	2095IA0533	KETHIREDDY DHANUSHYA	CSE	2020	2	CHINTAL	19950	2021-09-14	bf1116316352110662095IA0533
4	2021-22	2095IA05B7	KAKARLA PRAVEENA	CSE	2020	2	CHINTAL	19950	2021-09-15	bf1116317137024322095IA05B7
5	2021-22	2095IA0531	GOOA DEEPIKA	CSE	2020	2	CHINTAL	19950	2021-09-15	bf1116317191350482095IA0531
6	2021-22	1995IA05F1	CHENNAGIRI SAI POOJITHA	CSE	2019	2	BALKAMPET	21650	2021-09-15	bf1116317235487811995IA05F1
7	2021-22	2095IA04E8	BAJANTHRI SAI HARIKA	ECE	2020	2	CHINTAL	19950	2021-09-15	bf111631727556182095IA04E8
8	2021-22	1995IA0333	YATAM NAGA SATYA SAI	MECH	2019	2	BALKAMPET	21650	2021-09-16	bf1116317556761801995IA0333

Figure: 21- Bus fee collection report

Exam Fee Status: Figure 22 displays the generation of the examination fee status.

S.no	Roll Number	Name	Branch	Section	Exam Fee
1	2095IA0101	BOBBILI ABHINAV PATEL	CIVIL	A	1800
2	2095IA0102	DURGAM ABHINAV	CIVIL	A	1800
3	2095IA0103	DHANAVATH AISHWARYA	CIVIL	A	1800
4	2095IA0104	JAKKULA AKASH	CIVIL	A	1800
5	2095IA0105	GOLLA AKHILA	CIVIL	A	1800
6	2095IA0106	MEESALA AKSHITHA	CIVIL	A	1800
7	2095IA0107	B ANAND	CIVIL	A	1800
8	2095IA0108	CHILIVERI ANUDEEP	CIVIL	A	1800
9	2095IA0109	BEERAVELLI ANVITHA REDDY	CIVIL	A	1800

Figure: 22- Exam fee status

Fee Payments: As shown in figure 23, it generates the report of the fee payment details

S.No	Roll Number	Name	Adm. Type	Paid. Amt.	Track Id	Payment Date	Mode	Status	Academic Year
3423	20951A1277	ROHIT KUMAR	C	90000	tf11162745593105720951A1277	28-07-2021	Q_STATE_BANK_OF_INDIA	SUCCESS	2021-22
3312	20951A0513	JADHAV ARYAN	C	90000	tf11162997213624620951A0513	26-08-2021	Q_STATE_BANK_OF_INDIA	SUCCESS	2021-22
3317	20951A2119	MATLA GAURAV KUMAR	C	90000	tf11162989704379620951A2119	25-08-2021	State Bank of India	SUCCESS	2021-22
3459	20951A0488	MOHAMMAD IRFAN	C	90000	tf11162720031994920951A0488	25-07-2021	Q_ICICI_BANK	SUCCESS	2021-22
3462	20951A0450	RAJIPETA GEETHANJALI	C	90000	tf11162719859213020951A0450	25-07-2021	State Bank of India	SUCCESS	2021-22
3468	20951A2183	BELLAMKONDA SPOOR THI	C	90000	tf11162712801707320951A2183	24-07-2021	CHECKOUT_DC	SUCCESS	2021-22
3471	20951A0114	JANKUTA HARIKA	C	90000	tf1116271380902320951A0114	24-07-2021	Q_STATE_BANK_OF_INDIA	SUCCESS	2021-22
3463	20951A0316	KONDA HARITHA	C	90000	tf11162706740428420951A0316	24-07-2021	Q_STATE_BANK_OF_INDIA	SUCCESS	2021-22
3477	20951A6617	ADILLA LALASA	C	90000	tf11162705083370520951A6617	23-07-2021	Q_STATE_BANK_OF_INDIA	SUCCESS	2021-22

Figure: 23- Fee payments

Daily Purchase Report: It gives all the details of the daily purchase report as mentioned in figure 24.

Id	Category	Invoice No	Invoice Date	Supplier Name	Supplier Address	Other Charges	Cost	Discount	Tax %	Total Cost	Show	Bill
1	Transport	PPR/2022/305	2022-04-06	IARE TRANSPORT FOR 3,4,15 & 6	DUNDIGAL	0	2000.00		0.00	2000	🔍	BILL
2	Printing & Stationery	495	2022-04-06	BRIGHT DIGITALS	CHINTAL	0	2480.00		0.00	2480	🔍	BILL
3	Printing & Stationery	496	2022-04-06	BRIGHT DIGITALS	CHINTAL	0	600.00		0.00	600	🔍	BILL
4	Seminars / Workshops / Guest Lecture	PPR/2022/296	2022-04-05	HB SINGH	NEW DELHI	0	50000.00		0.00	50000	🔍	BILL
5	Salary Supporting Staff	PP/2022/287	2022-04-05	IARE	DUNDIGAL	0	443245.00		0.00	443245	🔍	BILL

Figure: 24- Daily purchase report

New Purchase: Figure 25 displays the generation of receipt of the newly purchased and its access.

The screenshot shows a web browser window with the URL `samvidha.iare.ac.in/home?action=dpr_instert`. The page title is "New Purchase". The form contains the following fields:

- Supplier Invoice No:
- Supplier Invoice Date:
- Supplier Name:
- Suppliers Address:
- Category:
- Payment Mode:
- Payment Reference No.:

The table below has the following structure:

S No	Item Name	Qty	Amount Per Unit	Tax (%)	Discount (-)	Amount
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>

Summary fields:

- Sub Total:
- Tax(%):
- Other Charges:
- Discount(-):
- Total:

A "submit" button is located at the bottom center of the form.

Figure: 25- New purchase report

Product Proposal Request: It provides a clear request of product proposal as depicted in figure 26.

The screenshot shows a web browser window with the URL `samvidha.iare.ac.in/home?action=PPR_print`. The page title is "PPR REPORT". The form includes the following fields:

- From Date:
- To Date:
- Get:

The table below has the following structure:

S.No	Indent Number	Indent Date	Department	Material Type	Quotation Attached	Print
1	IARE/PPR/2022/297	2022-04-06	PLACEMENT	Printing & Stationery	NO	<input type="button" value="Print"/>
2	IARE/PPR/2022/298	2022-04-06	CIVIL	Printing & Stationery	NO	<input type="button" value="Print"/>
3	IARE/PPR/2022/299	2022-04-06	MBA	Functions and Celebrations	NO	<input type="button" value="Print"/>
4	IARE/PPR/2022/300	2022-04-06	MBA	Hospitality & Entertainment	NO	<input type="button" value="Print"/>
5	IARE/PPR/2022/301	2022-04-06	Transport	Transport Advance	NO	<input type="button" value="Print"/>
6	IARE/PPR/2022/302	2022-04-06	MBA	Consulting Services	YES	<input type="button" value="Print"/>
7	IARE/PPR/2022/303	2022-04-06	WOMEN PROTECTION FORCE	Printing & Stationery	YES	<input type="button" value="Print"/>

A search bar is located on the right side of the table.

Figure: 26- Product Proposal Report

Purchase Proposal Request: Generation of purchase proposal request is displayed in figure 27.

The screenshot displays a web application interface for generating a Purchase Proposal Request (PPR). The browser address bar shows the URL: `samvidha.iare.ac.in/home?action=PPR_pro`. The page title is "PPR" and the user is logged in as "PRO".

The main form is titled "PURCHASE PROPOSAL REQUEST" and contains the following fields:

- Indent No:** IARE/PPR/2022/306
- Indent Date:** 04/06/2022
- Department:** (Empty field)
- Quotation Attached:** YES
- Category:** 1-Printing & Stationery
- Purchase Order Type:** Normal
- Attach Proof:** Choose file (with a "Browse" button)

Below the form is a table with the following columns: S.No, Item Name, Stock hold on Date, Qty Required, Unit Price (Rs.), Total Cost (Rs.), and Purpose.

S.No	Item Name	Stock hold on Date	Qty Required	Unit Price (Rs.)	Total Cost (Rs.)	Purpose
1			0	0	0	
2					0	
Grand Total						+ add more

Figure: 27- Purchase Proposal Report