

Departmental Information Management System (DIMS)

[For Video Tutorial Click Here](#)

Automation of Semester System Life Cycle

By

Muhammad Salal Khan

Director DIT,

University of Balochistan

Outline

- Introduction to DIMS
- Automation of Semester System Life Cycle
- DIMS Components
- Way Forward (Manual to Automated System)

Brief Introduction and Birds Eye View of DIMS

Departmental Information Management System (DIMS), is a web-based software developed by DIT team of University of Balochistan that empowers in achieving Automation of Semester system, in away that:

- An academic department can add/enroll/view its students (either from online admission system or using a direct add form), add/view faculty members, create/add/view degree level program, add/view courses, add fee structure & generate student fee vouchers etc.
- Faculty members, through their assigned login credentials, can see the courses assigned to them, see the students enrolled into their assigned courses, mark digital attendance of students, add marks into online award list, compute gp and forward the Result to HOD / Semester cell.
- Students, through their assigned login credentials, can see the view their attendance of each course they have been registered, view results that have been finalized and forwarded by faculty members and view/download their fee vouchers.
- Semester Cell, through its assigned login credentials, can view the progress report highlighting result status, view semester results – department-wise, view individual subject results department-wise etc.

Departmental Information Management System

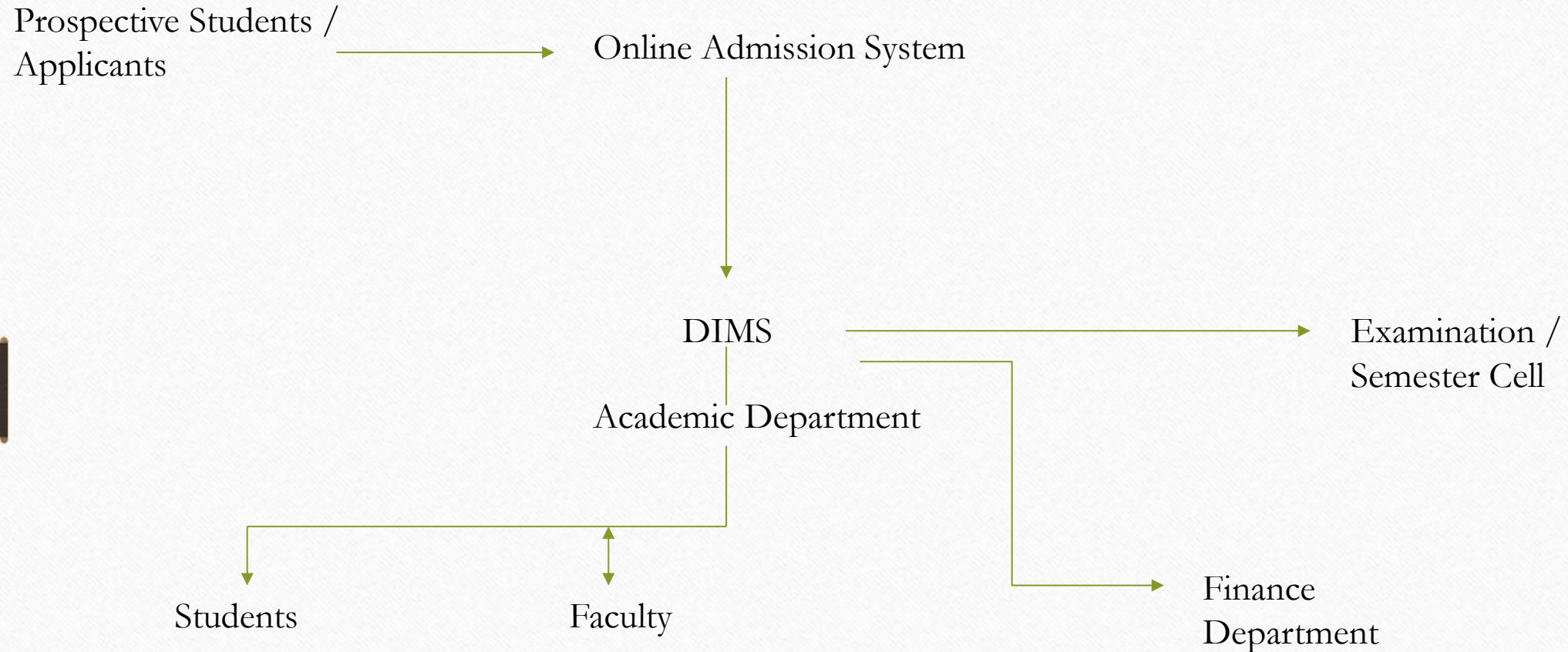
- Introduction
- Stake Holders
 - i. Academic Department,
 - ii. Faculty,
 - iii. Students
 - iv. Semester Cell,

DIMS Implementation Steps

Pre-Requirements:

- Student Data (Fetched through CNIC/B-form Number from Online Admission System)
- Faculty Data (Fetched through CNIC from HR System)
- Courses List with course codes
- Academic Programs listing
- Fee Structure

DIMS INFORMATION FLOW



Departmental Information Management System

Component 1: Academic Department Access through HoD

UoB Departmental Admission Information System

Department Information Management System (DIMS), University of Balochistan



User Email

Account Password

Login

DIMS Component 1: Academic Department Access through HoD

Students ▾

Search Student Record

Add New Admission

Fee Dues & Process

Program-wise Fee Application

Faculty Member ▾

Add/View Faculty Member

Sessions/Programs ▾

View/Create Programs


View/Create Session


Faculty Classes Held Reports


Courses ▾


View/Create Courses


Logout


86
Total Students


3
Active Academic Sessions


18
Faculty Members


0
Certificates Printed


0
Active Semesters

Guidelines:

- Add All Courses
- Add All Programs
- Add Faculty Member Data
- Create New Session For Enrollment;
Once the session is created, all the created sessions are shown in the same screen. Click on the setting icon for further options.
- **Fee Stucture:** When new admission of student is being entered, the system prompts for the updation of fee structure. complete the fee structure and submit

DIMS Component 1: Fetch & Add Student

New Admission Entry

Academic Session

Active Academic Session

Semester

Admission

Regular Mornin

Student CNIC

5340215867441

Verify Record

Record Verified

Name

ABUBAKAR

Date of Birth


24-08-2003

S/D/W of

RASOL BAKHSH

Email Address

AYANBALOCH8641@GMAIL.CC



Verify & Enroll the Student

DIMS Component 1: Search Student Information

Student Search

Enter CNIC/NAME

abubakar


Search Student Record

Show

10

entries

Search:

SNo.	Student Name	S/D/W of	CNIC	Local/ Domicile	Program	Program Shift	Session	Fee Nature	Picture	Option
1	ABUBAKAR	RASOL BAKHSH	5340215867441	NASIRABAD	Media Studies	Morning	2022 - 2026	Regular Morning		<div>DropOut</div>

Showing 1 to 1 of 1 entries

Previous

1

Next

DIMS Component 1: Fetch & Add Faculty Member

New Faculty Member Registration

CNIC

CNIC With Dashes

Verify Record

Name

S/D/W of

CNIC

Designation

Contact

Email Address

Add Faculty Member

DIMS Component 1: Add New Course

Courses

Course Title

Course Code

Credit Hours (Theory)

Credit Hours (Lab/practical)

Credit Hours Code

Course Type

SELECT COURSE TYPE

Total Marks

Details/remarks

Add New Course

S.No.	Course Code	Course Title	Credit Hours	Options
1	CS-601	Computer Skills in Mass Communication	3(3-0)	
2	ECO 501	INTRODUCTION TO ECONOMICS	3(3-0)	
3	ECO 601	INTRODUCTION TO ECONOMICS	3(3-0)	
4	ENG 502	EXPOSITORY WRITING	3(3-0)	
5	ENG-601	Functional English	3(3-0)	
6	ENG-602	COMMUNICATION SKILLS	3(3-0)	

DIMS Component 1: Add Degree Program

Academic Program List

Degree Level

Degree Level

Program Title

i.e Computer Science (CS)

Bank Account Title

i.e IMS Morning

Bank Account #

08737xxxxxxxxxx

Add Program

Program Name	Degree	Type	Total Semesters/Years	Option
Media Studies	BS	SEMESTER	SEMESTER	
BS-BRIDGING	BS BRIDGING. (ADS TO BS)	SEMESTER	SEMESTER	

DIMS Component 1: Select Academic Session

Academic Sessions

Session (Master)
2023-2027 BS

Program Title
Select Session

Program Shift
Select Program Shift

Year From

Year To

Total GPA

Create Academic Sesion

Program Name	Degree	Session	Master Session	Session Status	Option
BS-BRIDGING	BS BRIDGING, (ADS TO BS)	2023 - 2025	BS (BRIDGING) 2023-25	Continue	
Media Studies	BS	2023 - 2027	BS-2023-2027	Continue	
Media Studies	BS	2022 - 2026	BS- 2022- 26/27	Continue	

DIMS Component 1: Process

Master Details (Academic Session)



Master Details (Academic Session)



Semester 1st Semester 2nd Semester 3rd Semester 4th Semester 5th Semester 6th
Semester 7th Semester 8th

Semester 4 Record



Fee structure status

Regular Morning	Updated & Verified
Self Finance (Afternoon)	Updated & Verified
Self Finance (Evening)	Updated & Verified
Self Finance (Morning)	Updated & Verified



Course Assigned Status



6 Courses Assigned

Assign Course



Teacher Assigned



4 Teacher Assigned

Assign Teacher a Course



Student Course Registration

199 Course Registrations

Register Students in Courses



Exam Annoucement



Semester Result



Can only be viewed once the Final/
Terminal Exam has announced



Fee structure status

Regular Morning	Updated & Verified
Self Finance (Afternoon)	Updated & Verified
Self Finance (Evening)	Updated & Verified
Self Finance (Morning)	Updated & Verified



Course Assigned Status



6 Courses Assigned

Assign Course



Teacher Assigned



4 Teacher Assigned

Assign Teacher a Course



Student Course Registration

199 Course Registrations

Register Students in Courses



Exam Annoucement

Announce Mid Exam



Semester Result



Can only be viewed once the Final/
Terminal Exam has announced


Promot Student to Next Semester

Promot Students to Next Semester

DIMS Component 1: Exam Announcemnet Process

Semester Details Prior to Exam Announcement				×
ECO 601 INTRODUCTION TO ECONOMICS	No Teacher has been assigned to this course	0 Student(s) Registered	0 Classes held	
LAW 601 INTRODUCTION TO LAW	No Teacher has been assigned to this course	0 Student(s) Registered	0 Classes held	
MS 609 MEDIA & SOCIETY IN PAKISTAN	Jeeyand Kashif Sajidi Lecturer	33 Student(s) Registered	0 Classes held	
MS 611 OPIONION WRITING	Abdul Malik Lecturer	33 Student(s) Registered	0 Classes held	
MS613 RADIO JOURNALISM	Sadaf Naqvi Assistant Professor	33 Student(s) Registered	0 Classes held	
MS608 TV JOURNALISM	Dr. Muhammad Faheem Baloch Assistant Professor	33 Student(s) Registered	0 Classes held	

DIMS Component 1: Result



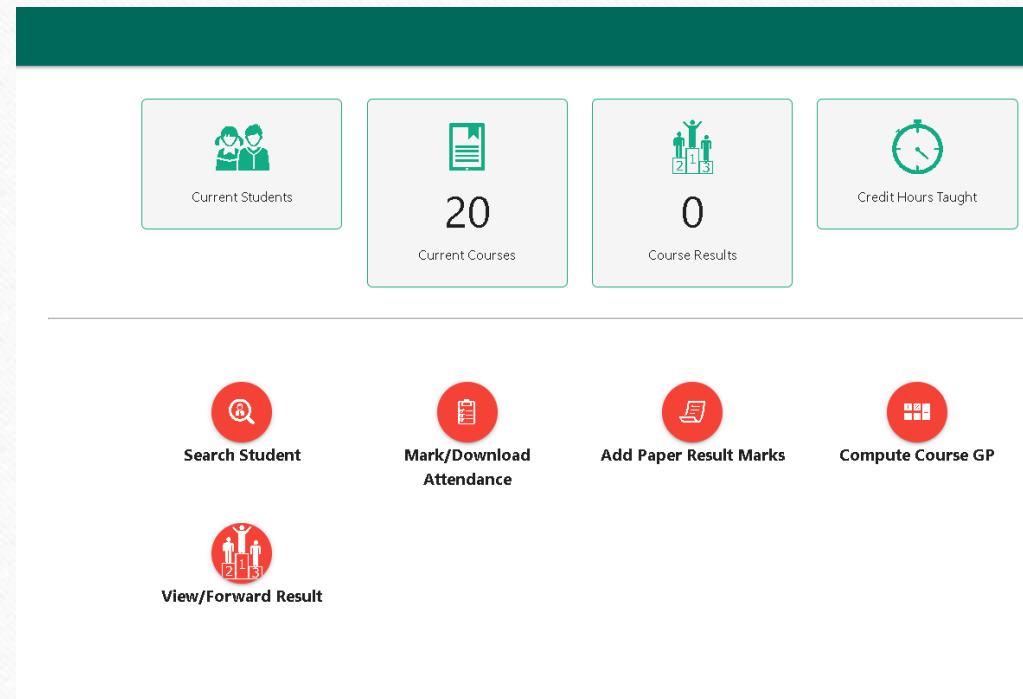
	Academic Session	BS- 2022- 26/27	Program	Department	Program Shift	Morning
	Semester	3RD SEMESTER	Result Declared Date			

Roll No.	Student Details	MS-405 Rt Writing & Sub Editing	MS-406 Media Writing	PSY-404 Social Psychology	SOC-401 Introduction to Sociology	MS-407 Functional Dns	PHI-401 Introduction to Philosophy	Grand Total	GPA	CGPA	Remarks												
Max Marks : Course Credits		100 3(3-0)	100 3(3-0)	100 3(3-0)	100 3(3-0)	100 3(3-0)	100 3(3-0)																
		Obtained Marks	Graded GPA	Obtained Marks	Graded GPA	Obtained Marks	Graded GPA	Obtained Marks	Graded GPA	Obtained Marks	Graded GPA												
BS-22		82	A-	4.00	79	B+	3.90	70	B-	3.00	65	A	4.00	471	2.73	2.05							
BS-22		87	A	4.00	85	A	4.00	80	A-	4.00	89	A	4.00	518	4.00	3.04							
BS-22		0	F	0.00	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	0	0	2.05							
BS-22		80	A-	4.00	67	C+	2.70	84	C	2.40	81	C-	2.10	84	C	2.40	399	2.66	2.01				
BS-22		72	B-	3.20	78	B+	3.80	67	C+	2.70	66	C+	2.60	71	B-	3.10	63	C	2.30	417	2.55	2.04	
BS-22		76	B+	3.60	74	B	3.40	63	C	2.30	67	C+	2.70	75	B+	3.50	73	B	3.30	428	3.13	2.08	
BS-22		76	B+	3.60	75	B+	3.50	71	B-	3.10	78	B+	3.80	75	B+	3.50	85	A	4.00	460	3.98	3.19	
BS-22		63	C	2.30	74	B	3.40	64	C	2.40	64	C	2.40	68	C+	2.80	62	C-	2.20	395	2.56	2.07	
BS-22		84	A-	4.00	85	A	4.00	75	B+	3.50	77	B+	3.70	81	A-	4.00	87	A	4.00	489	3.87	3.16	
BS-22		77	B+	3.70	78	B+	3.80	64	C	2.40	60	C-	2.00	68	C+	2.80	60	C-	2.00	407	2.78	2.02	
BS-22		80	A-	4.00	80	A-	4.00	58	D	1.80	71	B-	3.10	75	B+	3.50	67	C+	2.70	431	3.18	2.04	
BS-22		0	F	0.00	0	F	0.00	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	0	0	1.00	0.00	0.00	0	0	1.00	0.00
BS-22		80	A-	4.00	79	B+	3.90	80	A-	4.00	79	B+	3.90	81	A-	4.00	86	A	4.00	495	3.97	3.09	
BS-22		69	C+	2.90	72	B-	3.20	70	B-	3.00	70	B-	3.00	NE-ATTNDNC	NE-ATTNDNC	NE-ATTNDNC	87	A	4.00	368	2.68	2.16	Regretted/Re-appearance in (MS-401)
BS-22		76	B+	3.60	77	B+	3.70	71	B-	3.10	79	B+	3.90	84	A-	4.00	87	A	4.00	474	3.72	3.00	
BS-22		75	B+	3.50	76	B+	3.60	60	C	2.00	83	A-	4.00	80	A	4.00	73	B	3.30	447	3.48	3.18	

DIMS Component 1: Re-Appear / Repeaters Process

Failed Students List For Repeat/Reapper Refresh ×	
MS-607 Functional Urdu	
BS0422 JALAL KHAN S/D/W of IMDAD ALI	<div>Re-Appear 6(9799) Student appears in Supply Exam</div> <div>Reapeate 5(9799) Student will repeat the course (As regular Classes held) in any semester offering the same course</div>
BS2022 JUNAID AHMED S/D/W of HAIDER ALI	<div>Re-Appear 6(9853) Student appears in Supply Exam</div> <div>Reapeate</div>

DIMS Component 2: Faculty



DIMS Component 2: Faculty

Student Class Attendance Marking

Active Courses



603 Pak Studies (First Semester BS-2023-2027)

LOAD STUDENT LIST

Total classes held.

1

[Download Report](#)

Please Mark Attendance within 3 days of class held.

DOWNLOAD MANUAL ATTENDANCE

Manual Attendance sheet can be printed for marking offline attendance and used to record/enter digitally not later than 3 Days of class held



Class Date

SNo.	Picture	Roll-No.	Name	S/D/W of	P	A	L	Remarks
1		00000	MUHAMMAD AKRAM	HALEEM KHAN	<input checked="" type="radio"/> Present	<input type="radio"/> Absent	<input type="radio"/> Leave	<div>Remarks</div> <div>N/A</div>
2		00000	ZAID ULLAH	SULEMAN KHAN	<input checked="" type="radio"/> Present	<input type="radio"/> Absent	<input type="radio"/> Leave	<div>Remarks</div> <div>N/A</div>

DIMS Component 2: Faculty

Student Exam Result Entry

Active Courses:



603 (First Semester BS-2023-2027)

LOAD STUDENT LIST

See Rule 15.3 of Semester Rules UoB-2017

Quizzes

Mid Semester Exam

Assignments/Reports

Practical

Terminal Exam

15% (7.5 Max Marks)

30% (15 Max Marks)

15% (7.5 Max Marks)





0% (0 Max Marks)

40% (20 Max Marks)

SNo.	Picture	Roll-No.	Name	S/D/W of	Quiz Marks	Mid-Term Marks	Assignment & Reports	Lab/Field/Practicle	Terminal Exam Marks	GP Details
1		<input type="text"/>	<input type="text"/>	<input type="text"/>	Quiz: 2.00	Mid Term: 7.00	Assignment Reports: 7.00		Terminal: 12.00	Grade: <input type="text"/> G-Point: <input type="text"/>
2		<input type="text"/>	<input type="text"/>	<input type="text"/>	Not Elligible (Attendance/Withdrawal/Incomplete-course) to Take Exam for this Paper					

DIMS Component 2: Faculty

View/Forward Course Result

Course Code	Course Title	Session	Semester#	Classes Held	GP Calculation Status	Result Status	View/Print
603	Pak Studies	BS-2023-2027	1ST		✓	→ FINALIZE & FORWARD TO ANNOUNCE	 VIEW/PRINT
		BS- 2022- 26/27	1ST		✓	✓ Forwarded to Charirperson/Director	 VIEW/PRINT
		BS- 2022- 26/27	1ST		✓	✓ Forwarded to Charirperson/Director	 VIEW/PRINT
		BS- 2022- 26/27	1ST		✓	→ FINALIZE & FORWARD TO ANNOUNCE	 VIEW/PRINT

DIMS Component 3: Students



View Attendance



View Paper Result Marks



View Fee Challans

DIMS Component 3: Students

Course-Wise Attendance Details

First Semester

MS-601 Introduction to Mass Communication	Imran Khan Lecturer	Total Classes Held 12	Attended :10 Absent :1 Leaves :1	My Attendance % 86.08
MS-602 Mass Media in Baluchistan	Abdul Khalil Lecturer	Total Classes Held 12	Attended :11 Absent :0 Leaves :1	My Attendance % 94.42
ENG-601 Functional English	Sadiq Sumlani Visiting Lecturer	Total Classes Held 17	Attended :17 Absent :0 Leaves :0	My Attendance % 100.00
CS-601 Computer Skills in Mass Communication	Kalsoom Visiting Lecturer	Total Classes Held 17	Attended :11 Absent :6 Leaves :0	My Attendance % 64.71
PSY-601 Introduction to Psychology	Shahid Ali Lecturer	Total Classes Held 18	Attended :17 Absent :0 Leaves :1	My Attendance % 96.28

DIMS Component 4: Semester Cell

Semester Cell,

Result Progress Report

Select Any Department

▼

View Department Data

OR

Enter CNIC to Search

Search

DIMS Component 4: Semester Cell

University					
Semester Cell					
Result Progress Report				Report Date: 02-10-2024	
Botany Department					
BS- 2022- 26/27	Morning	BOTANY			
		Semester 1	Enrollment	59	Result Announced
		Semester 2	Enrollment	57	Result Announced
		Semester 3	Enrollment	57	Result Awaited
BS-2023-2027	Morning	BOTANY			
		Semester 1	Enrollment	9	Result Announced
		Semester 2	Enrollment	8	Result Announced
		Semester 3	Enrollment	8	Result Awaited
BS-2023-2027	Morning	BOTANY-			
		Semester 1	Enrollment	39	Result Awaited

DIMS Component 4: Semester Cell

Semester Cell,

Media Studies Department View Department Data OR Enter CNIC to Search Search

BS- 2022- 26/27 Media Studies Morning ^

Total Admissions 56

Semester No 1

Total Enrollments 56 Courses Offered: 6 Courses Offered

Course Details	Faculty Details	Result Details
MS-601 Introduction to Mass Communication 3(3-0)	Lecturer	Forwarded to Chairperson/Director View/Print Result
MS-602 Mass Media in Baluchistan 3(3-0)	Lecturer	Forwarded to Chairperson/Director View/Print Result
ENG-601 Functional English 3(3-0)	Visiting Lecturer	Forwarded to Chairperson/Director View/Print Result
CS-601 Computer Skills in Mass Communication 3(3-0)	Visiting Lecturer	Forwarded to Chairperson/Director View/Print Result
PSY-601 Introduction to Psychology	Lecturer	Forwarded to Chairperson/Director View/Print Result

Way Forward (Manual to Automated System)

- Efficiency & Effectiveness
- Information on clicks
- PROS AND CONS
- Conclusion