



Business Process and ERP

TASK 4 - Group 5

Ui Design With Prototype (figma) Link=

<https://www.figma.com/design/4Ixqj1KdBbJoIK1A61m27I/Exam-Management?node-id=0-1&t=Q40wgoREQiLfE0CI-1>

Group Members

Student ID	Name
34257	T M A R Thennakoon
34227	D T D Wijerathna
34243	T S H D Silva
34209	L K H Nimanthika
34249	B R M I Sachinthani
32813	M H M Hamdhi
34220	R M P M Bandara
34226	P D M H Jayalath
32610	A B M Lakshan
34247	H G D T Navodya
32777	J D P Jayasiri



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Welcome to Exam Management System

Streamlining examination processes for NSBM Green University Town

Active Exams



12

+3 from last month

Registered Students



2,847

Across all faculties

Pending Reviews



8

Require immediate attention

Completed Tasks



94%

On track

Upcoming Examinations

Next 7 days schedule

CS3042 Database Systems

2025-10-29 09:00 AM 145 students

[View Details](#)

BM2011 Financial Accounting

2025-10-30 02:00 PM 98 students

[View Details](#)

EN1012 Engineering Mathematics

2025-10-31 10:00 AM 203 students

[View Details](#)

IT3021 Software Engineering

2025-11-01 09:00 AM 167 students

[View Details](#)

Recent Activities

- Exam schedule published

Academic Planning by Dr. Sarah Johnson

2 hours ago

- Student registration completed

Student Services by Admin Staff

4 hours ago

- Quality review approved

Quality Assurance by Prof. Michael Chen

6 hours ago

- Venue booking confirmed

Logistics by Logistics Team

1 day ago

System Alerts

❗ Deadline Approaching

Question paper submission deadline in 2 days for CS3042

❗ Action Required

Approve seating arrangement for Engineering Mathematics exam

⌚ Scheduled Maintenance

System maintenance scheduled for Sunday 2:00 AM - 4:00 AM



Dashboard

Academic Planning

Student Services

Quality & Evaluation

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Results & Appeals

Academic Planning

Manage exam schedules, timetables, and academic calendar

Export Schedule

Create Exam

Total Exams
47



Scheduled
32



In Progress
8



Completed
7



Exam Schedule

Master Timetable

Academic Calendar

Conflict Resolution

Academic Calendar Management

Configure examination periods and important dates

Mid-Semester Examinations

2025-09-15 to 2025-09-25

Final Examinations

2025-11-20 to 2025-12-10

Question Paper Submission Deadline

2025-10-15 to 2025-10-15

Result Publication

2025-12-20 to 2025-12-20



Dashboard

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Academic Planning

Manage exam schedules, timetables, and academic calendar

Export Schedule

Create Exam

Total Exams
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Scheduled
32



In Progress
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Completed
7



Exam Schedule

Master Timetable

Academic Calendar

Conflict Resolution

Schedule Conflicts

Detected scheduling conflicts requiring resolution

Student Conflict High

23 students enrolled in both CS3042 and BM2011 scheduled at same time

Resolve

Venue Conflict Critical

Main Hall A double-booked on 2025-11-02

Resolve

Instructor Conflict Medium

Dr. Smith assigned to invigilate two exams simultaneously

Resolve



Dashboard

Academic Planning

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Results & Appeals

Create New Examination

Set up a new exam schedule with all required details

Save as Draft

Schedule Exam

All fields marked with *

are mandatory. Please ensure all information is accurate before scheduling.

Basic Information

Enter the course and exam details

Course Code *

e.g., CS3042

Course Name *

e.g., Database Systems

Faculty *

Select faculty

Department *

Select department

Examination Type *

Select exam type

Schedule Details

Set the date, time, and duration

Exam Date *



Start Time *



Duration *



Venue and Capacity

Set the location and student numbers

Venue *

Select venue

Expected Students *

150

Total Venue Seats

200

Required Invigilators

3

Exam Summary

Review the details

Course
Not specified

Date & Time
Not set

Venue
Not selected

Students
0
expected

Quick Tips

Schedule exams at least 2 weeks in advance

Ensure venue capacity exceeds expected students

Check for conflicts before finalizing

Provide clear instructions for students



Dashboard

Academic Planning

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Academic Planning

Manage exam schedules, timetables, and academic calendar

Export Schedule

+ Create Exam

Total Exams

47



Scheduled

32



In Progress

8



Completed

7



Exam Schedule

Master Timetable

Academic Calendar

Conflict Resolution

Search by course code, name, or instructor...

Filters

Examination Schedule - Semester 1, 2025

All scheduled examinations for current semester

Course Code	Course Name	Date & Time	Duration	Venue	Students	Status	Actions
CS3042	Database Systems	2025-10-29 09:00	2h	Main Hall A	145	Scheduled	View
BM2011	Financial Accounting	2025-10-30 14:00	3h	Lecture Hall 3	98	Scheduled	View
EN1012	Engineering Mathematics	2025-10-31 10:00	2.5h	Main Hall B	203	Approved	View
IT3021	Software Engineering	2025-11-01 09:00	2h	IT Block Lab	167	Scheduled	View
CS2031	Data Structures	2025-11-02 13:00	2h	Main Hall A	189	Draft	View



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Academic Planning

Manage exam schedules, timetables, and academic calendar

Export Schedule

Create Exam

Total Exams
47



Scheduled
32



In Progress
8



Completed
7



Exam Schedule

Master Timetable

Academic Calendar

Conflict Resolution

Master Examination Timetable

Complete overview of all examinations



Interactive timetable view

Calendar grid showing all scheduled examinations



Dashboard

Academic Planning

Student Services

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Results & Appeals

Student Services

Manage student registrations, admissions, and examination records

Export Data

Bulk Upload

Total Students
2,847



Registered
2,691



Pending
156



Admit Cards
2,543



Registration Admit Cards Eligibility Special Requests

Admit Card Management

Generate and distribute admission tickets

Generate Admit Cards

Download All

Send via Email

Database Systems

Generated Sent Pending
145 145 0

Financial Accounting

Generated Sent Pending
98 95 3

Engineering Mathematics

Generated Sent Pending
203 203 0

Software Engineering

Generated Sent Pending
167 150 17



Dashboard

Academic Planning

Student Services

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Manage student registrations, admissions, and examination records

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Total Students

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Pending

156



Admit Cards

2,543



Registration Admit Cards Eligibility Special Requests

Eligibility Verification

Review and verify student eligibility for examinations

NSBM2021045 John Doe

Outstanding fees

Review

NSBM2021078 Jane Smith

Attendance below 75%

Review

NSBM2021092 Bob Johnson

Missing coursework submission

Review

NSBM2021134 Alice Williams

Pending document verification

Review

NSBM202158 Kyle Boblan

Missing coursework submission

Review



Dashboard

Academic Planning

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Total Students
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156



Admit Cards
2,543



Registration

Admit Cards

Eligibility

Special Requests

Search by student ID, name, or course...

Filters

Student Exam Registration

Manage student enrollments for examinations

Student ID	Name	Program	Exams Registered	Registration Date	Status	Actions
NSBM2021001	Emma Watson	BSc Computing	6 courses	2025-10-15	Confirmed	
NSBM2021002	James Chen	BBA Management	5 courses	2025-10-16	Confirmed	
NSBM2021003	Sarah Miller	BEng Civil	7 courses	2025-10-17	Pending Payment	
NSBM2021004	Michael Brown	BSc IT	6 courses	2025-10-18	Confirmed	
NSBM2021005	Lisa Anderson	BSc Nursing	5 courses	2025-10-19	Under Review	



Dashboard

Academic Planning

Student Services

Student Services

Manage student registrations, admissions, and examination records

Export Data

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Total Students

2,847



Registered

2,691



Pending

156



Admit Cards

2,543



Registration

Admit Cards

Eligibility

Special Requests

Special Accommodation Requests

Manage requests for special examination arrangements

Student ID	Name	Request Type	Reason	Date Submitted	Status	Actions
NSBM2021156	David Lee	Extra Time	Learning disability	2025-10-10	Approved	Process
NSBM2021234	Maria Garcia	Separate Room	Medical condition	2025-10-12	Pending	Process
NSBM2021298	Tom Harris	Scribe Assistance	Physical disability	2025-10-14	Under Review	Process
NSBM2021422	Devid Aljen	Separate Room	Medical condition	2025-10-14	Approved	Process
NSBM2021582	Kyle Marin	Scribe Assistance	Physical disability	2025-10-18	Pending	Process
NSBM2021348	Setun Opran	Extra Time	Learning disability	2025-10-20	Pending	Process



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Quality & Evaluation

Ensure quality standards and evaluation integrity

QA Report

Submit Review

Papers Reviewed

28/32



Approved

24



Revisions Needed

4



Pending Review

4



Question Papers Moderation Quality Standards **Feedback**

Review Feedback & Comments

Feedback provided to faculty members

Database Systems (CS3042)

Reviewed by Dr. Sarah Johnson on
2025-10-24

Minor Revision

"Overall excellent paper. Suggestion: Include one more practical scenario-based question to test application skills."

Engineering Mathematics (EN1012)

Reviewed by Dr. Emily White on
2025-10-23

Revision Required

"Question 5 needs clarification. The wording is ambiguous and may confuse students. Please revise."

Financial Accounting (BM2011)

Reviewed by Prof. Michael Chen on
2025-10-22

Approved

"Paper meets all quality standards. Well-balanced difficulty levels and clear marking scheme."



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Quality & Evaluation

Ensure quality standards and evaluation integrity

QA Report

Submit Review

Papers Reviewed

28/32



Approved

24



Revisions Needed

4



Pending Review

4



Question Papers Moderation Quality Standards Feedback

Quality Standards Checklist

Evaluation criteria for question papers



Learning Outcomes Alignment

Questions mapped to course learning outcomes

20%



Cognitive Level Distribution

Balance of knowledge, comprehension, application, and analysis

15%



Question Clarity

Clear, unambiguous wording and instructions

25%



Marking Scheme

Detailed, fair, and comprehensive marking guidelines

15%



Difficulty Balance

Appropriate mix of easy, medium, and difficult questions

20%



Time Allocation

Reasonable time for completion based on question types

10%



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Quality & Evaluation

Ensure quality standards and evaluation integrity

QA Report

Submit Review

Papers Reviewed

28/32



Approved

24



Revisions Needed

4



Pending Review

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Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Quality & Evaluation

Ensure quality standards and evaluation integrity

QA Report

Submit Review

Papers Reviewed

28/32



Approved

24



Revisions Needed

4



Pending Review

4



Question Papers Moderation Quality Standards Feedback

Question Paper Review Queue

Papers pending quality assurance review

CS3042 Database Systems High Priority

Submitted : 2025.10.25

Reviewer: Dr. Sarah Johnson

Review

Under Review

CS3042 Financial Accounting

Submitted : 2025.10.22

Reviewer: Prof. Michael Chen

Review

Approve

EN1012 Engineering Mathematics High Priority

Submitted : 2025.10.18

Reviewer: Dr. Emily White

Review

Revision Required

IT3021 Database Systems

Submitted : 2025.10.23

Reviewer: Unassigned

Review

Pending Assignment



Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals



Pre-Exam Operations

Manage question papers, security, and printing operations

Security Log

Upload Paper

Papers Uploaded

28/32



Ready to Print

24



Secured

20



Invigilators

45



Question Papers

Printing & Distribution

Invigilators

Security Protocols

Invigilator Assignment

Manage and assign exam invigilators

Database Systems

2025-10-29 09:00 • Main Hall A

3/3 Assigned

Dr. Smith

Prof. Lee

Ms. Garcia

Manage Invigilators

Financial Accounting

2025-10-30 14:00 • Lecture Hall 3

2/2 Assigned

Dr. Chen

Prof. White

Manage Invigilators

Engineering Mathematics

2025-10-31 10:00 • Main Hall B

2/4 Assigned

Dr. Brown

Ms. Davis

Manage Invigilators

Software Engineering

2025-11-01 09:00 • IT Block Lab

0/3 Assigned

Manage Invigilators



Dashboard

Academic Planning

Student Services

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Results & Appeals

Pre-Exam Operations

Manage question papers, security, and printing operations

Security Log

Upload Paper

Papers Uploaded

28/32



Ready to Print

24



Secured

20



Invigilators

45



Question Papers

Printing & Distribution

Invigilators

Security Protocols

Printing Queue & Distribution

Manage printing and distribution of exam papers

Start Print Job

View Print History

Database Systems

Completed

Exam Date:

2025-10-29

Progress

150/150 copies

Distributor: John Smith

Financial Accounting

In Progress

Exam Date:

2025-10-30

Progress

75/100 copies

Distributor: Sarah

Johnson

Engineering Mathematics

Queued

Exam Date:

2025-10-31

Progress

0/210 copies

Distributor: Pending



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Pre-Exam Operations

Manage question papers, security, and printing operations

Security Log

Upload Paper

Papers Uploaded

28/32



Ready to Print

24



Secured

20



Invigilators

45



Question Papers Printing & Distribution Invigilators Security Protocols

Question Paper Repository

Secure storage and management of examination papers

CS3042 Database Systems

Uploaded:

2025-10-20 14:30

File Size:

2.4 MB

Copies Needed:

150

Encrypted



View

BM2011 Financial Accounting

Uploaded:

2025-10-19 10:15

File Size:

1.8 MB

Copies Needed:

100

Ready to Print



View

EN1012 Engineering Mathematics

Uploaded:

2025-10-21 16:45

File Size:

3.1 MB

Copies Needed:

210

Encrypted



View

IT3021 Software Engineering

Uploaded:

2025-10-22 09:20

File Size:

2.7 MB

Copies Needed:

170

Pending Upload



View



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Pre-Exam Operations

Manage question papers, security, and printing operations

Security Log

Upload Paper

Papers Uploaded
28/32



Ready to Print
24



Secured
20



Invigilators
45



Question Papers

Printing & Distribution

Invigilators

Security Protocols

Security & Access Control

Monitor security protocols and access logs



Security Status
All Systems Secure



Encrypted Papers
28 Papers Secured

Recent Access Log

Dr. Sarah Johnson

Downloaded CS3042 question paper

Authorized

2 hours ago

Print Admin

Initiated print job for BM2011

Authorized

4 hours ago

Prof. Michael Chen

Uploaded EN1012 question paper

Authorized

6 hours ago

Unknown User

Attempted unauthorized access

Blocked

1 day ago



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Logistics Management

Manage exam schedules, timetables, and academic calendar

Total Venues

15



Booked Venues

12



Seating Plans

8



Generate Seating

Book Venue



Material Requests

23



Venue Booking

Seating Arrangement

Material & Equipment

Transport & Logistics

Venue Availability & Booking

Manage examination venue bookings and capacity



Main Hall A

Capacity: 200

Confirmed

Date:

Oct 29, 2025

Exam:
Database
Systems

Students:
145/200



Main Hall B

Capacity: 250

Confirmed

Date:

Oct 31, 2025

Exam:
Engineering
Mathematics

Students:
203/250



Main Hall C

Capacity: 120

Confirmed

Date:

Oct 30, 2025

Exam:
Financial
Accounting

Students:
98/120



IT Block Lab

Capacity: 180

Pending

Date:

Nov 1, 2025

Exam:
Software
Engineering

Students:
167/180



Science Lab 2

Capacity: 100

Available



Dashboard

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Logistics Management

Results & Appeals

Logistics Management

Manage exam schedules, timetables, and academic calendar

Generate Seating

Book Venue

Total Venues

15



Booked Venues

12



Seating Plans

8



Material Requests

23



Venue Booking

Seating Arrangement

Material & Equipment

Transport & Logistics

Seating Plan Generation

Create and manage examination seating arrangements



Auto-Generate Seating

Import Seating Plan

Generated

Printed

Database Systems

Main Hall A • 145 students

[View Plan](#)

[Download Pdf](#)

Generated

Financial Accounting

Lecture Hall 3 • 98 students

[View Plan](#)

[Download Pdf](#)

[Print](#)

Generated

Financial Accounting

Lecture Hall 3 • 98 students

[Generate Plan](#)



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Logistics Management

Manage exam schedules, timetables, and academic calendar

Generate Seating

Book Venue

Total Venues



15

Booked Venues



12

Seating Plans



8

Material Requests



23

Venue Booking

Seating Arrangement

Material & Equipment

Transport & Logistics

Materials & Equipment Management

Track and manage exam materials and equipment



Answer Booklets

Total Quantity:
3000

Allocated:
2500

Available:
500

Sufficient

For: Database Systems



Graph Paper

Total Quantity:
500

Allocated:
450

Available:
50

Sufficient

For: Engineering Mathematics



Scientific Calculators

Total Quantity:
50

Allocated:
50

Available:
0

Fully Allocated

For: Financial Accounting



Answer Sheets

Total Quantity:
1000

Allocated:
980

Available:
20

Low stock

For: Multiple Exams



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Logistics Management

Manage exam schedules, timetables, and academic calendar

Generate Seating

Book Venue

Total Venues

15



Booked Venues

12



Seating Plans

8



Material Requests

23



Venue Booking

Seating Arrangement

Material & Equipment

Transport & Logistics

Transport & Distribution

Manage transportation of materials and personnel



Main Campus → Exam Center A

Question Papers, Answer Booklets

Scheduled



2025-10-29 ⏰ 07:30 AM



Print Center → Main Hall A

Printed Materials

In Transit



2025-10-29 ⏰ 08:00 AM



Storage → Lecture Hall 3

Equipment, Stationery

Scheduled



2025-10-30 ⏰ 01:00 PM



Dashboard

Academic Planning

Student Services

Quality & Evaluation

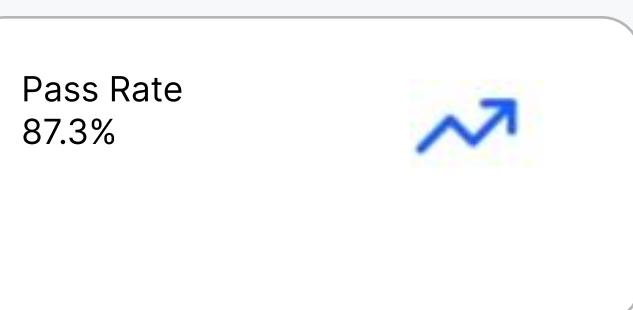
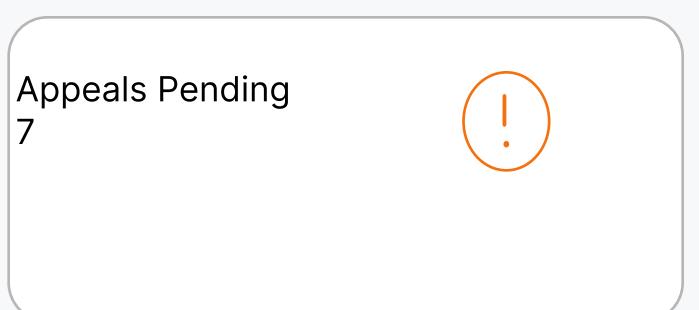
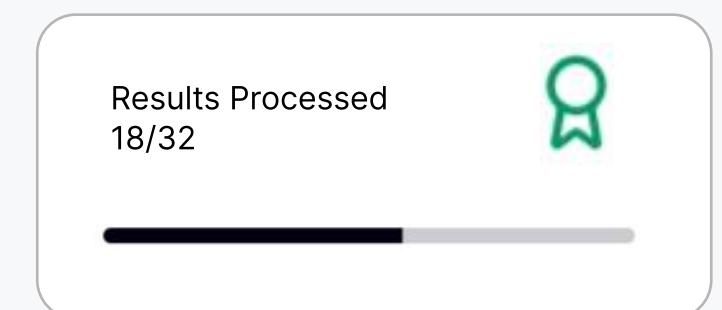
Pre-Exam Operations

Logistics Management

Results & Appeals

Result & Appeals

Process results, manage appeals, and publish grades



[Result processing](#) [Verification](#) [Appeals](#) **Appeals** [Publication](#)

Grade Appeals Management

Process and review student grade appeals

APP-2025-001 NSBM2021045

Course:

CS3042

Type:

Rechecking

Submitted:

2025-10-25

Under Review

[Process](#)

APP-2025-002 NSBM2021078

Course:

BM2011

High Priority

Type:

Re-Marking

Submitted:

2025-10-24

Approved

[Process](#)

APP-2025-003 NSBM2021092

Course:

EN1012

Type:

Rechecking

Submitted:

2025-10-26

Pending Assignment

[Process](#)

APP-2025-004 NSBM2021045

Course:

CS3042

Type:

Re-totaling

Submitted:

2025-10-27

Completed

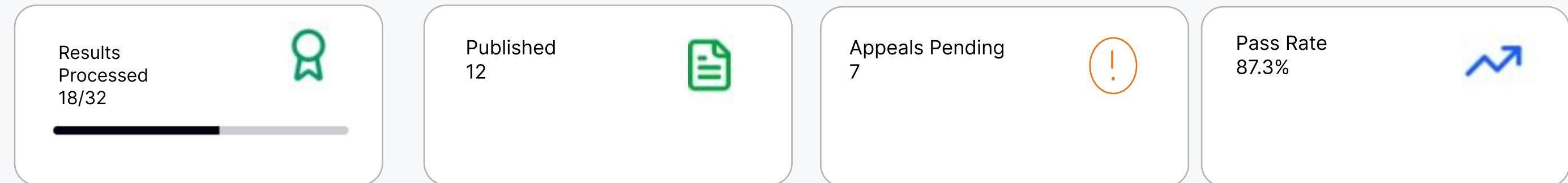
[Process](#)



- Dashboard
- Academic Planning
- Student Services
- Quality & Evaluation
- Pre-Exam Operations
- Logistics Management
- Results & Appeals

Result & Appeals

Process results, manage appeals, and publish grades



Result processing

Verification

Appeals

Publication

Result Publication

Publish verified results to students and stakeholders

[Publish Results](#)

[Download Transcripts](#)

[Send Notifications](#)

Database Systems (CS3042)

Published on 2025-10-26
Total Students

145

Downloads

142

Notified

145

Published

Financial Accounting (BM2011)

Published on 2025-10-25
Total Students

98

Downloads

95

Notified

98

Published

Data Structures (CS2031)

Published on 2025-10-24
Total Students

189

Downloads

185

Notified

189

Published

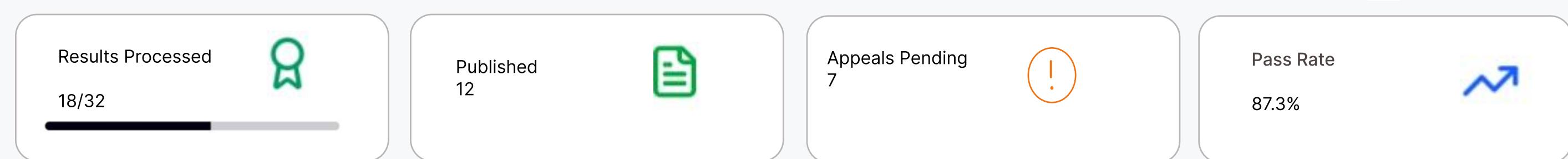


- Dashboard
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- Pre-Exam Operations
- Logistics Management
- Results & Appeals

Result & Appeals
Process results, manage appeals, and publish grades

Analytics

Upload Results



Result processing Verification Appeals Publication

Examination Results Processing

Upload, process, and verify examination results

CS3042 Database Systems

Students:

145

Marking Progress

Marked:

145/145

Verified

145/145

100%

[View Details](#)

[Export](#)

Ready for Publication

BM2011 Financial Accounting

Students:

98

Marking Progress

Marked:

98/98

Verified

95/98

100%

[View Details](#)

[Export](#)

Under Verification

EN1012 Engineering Mathematics

Students:

203

Marking Progress

Marked:

180/203

Verified

0/203

89%

[View Details](#)

[Export](#)

Marking in Progress

IT3021 Software Engineering

Students:

167

Marking Progress

Marked:

45/167

Verified

0/167

27%

[View Details](#)

[Export](#)

Marking in Progress



Dashboard

Academic Planning

Student Services

Quality & Evaluation

Pre-Exam Operations

Logistics Management

Results & Appeals

Result & Appeals

Process results, manage appeals, and publish grades

Analytics

Upload Results

Results
Processed
18/32



Published
12



Appeals
Pending
7



Pass
Rate
87.3%



Result processing

Verification

Appeals

Publication

Result Verification & Approval

Verify accuracy and approve results for publication

Database Systems

Examiner: Dr. Sarah Johnson

Approved

Moderator: Prof. Michael Chen

Total Students: 145

Pass Rate: 89.6%

[Review Results](#)

[Statistics](#)

[Publish](#)

Financial Accounting

Under Review

Examiner: Dr. Emily White

Moderator: Prof. Robert Lee

Total Students: 98

Pass Rate: 85.7%

[Review Results](#)

[Statistics](#)

Database Systems

Pending Moderation

Examiner: Dr. Sarah Johnson

Moderator: Prof. Michael Chen

Total Students: 145

Pass Rate: 89.6%

[Review Results](#)