

User Interface Design

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AUMS USER INTERFACE EVALUATION

Eight Design Principle:

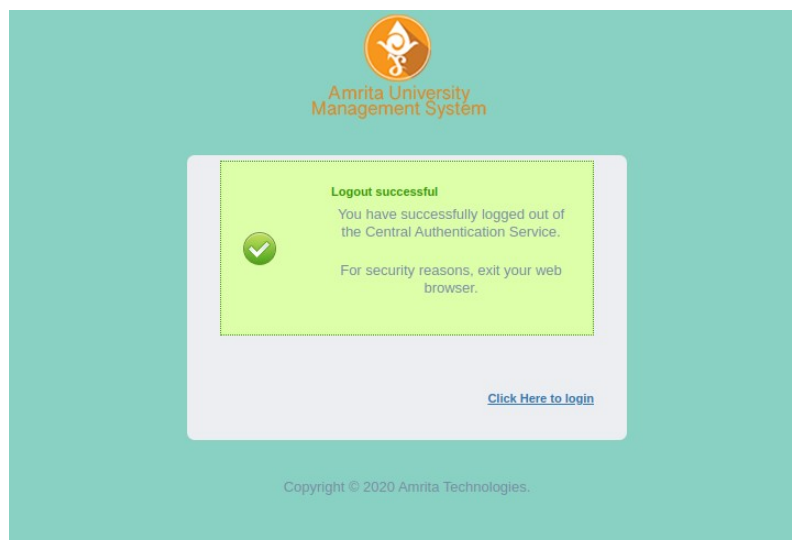
- Strive for consistency
- Enable frequent users to use shortcuts
- Offer informative feedback
- Design dialogue to yield closure
- Offer simple error handling
- Permit easy reversal of actions
- Support internal locus of control
- Reduce short-term memory load

AUMS-UIE-001:

Sometimes when the user enters the password to login, logout message is being displayed. This error is due to poor management of sessions.

Principles violated:

- Offer informative feedback
- Support internal locus of control



Suggestions:

Need to manage session id properly

AUMS-UIE-002:

The courses listed on the top of the pages are not displayed properly. All the courses are arranged in random order and the user has to hover over each course link to read the course ID(not the name) which is still hard to figure out what course it links to. This non user-friendly design is implemented at multiple places.

Principles violated:

- Enable frequent users to use shortcuts
- Reduce short-term memory load



2022-2023 Odd Semester ☐

★ 19AVP201-EEE,CYS,MEE,ARE	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
★ B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>

2021-2022 ☐

19CSE100-EEE,ELC,CSE A, CYS	<input type="checkbox"/>
CYS, AIE,CCE	<input type="checkbox"/>
19CSE100- Retest class	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>

2021-2022 Even Semester ☐

19cul111_EEE,MEE,CYS,ARE	<input type="checkbox"/>
B.Tech..2021.R.CYS.1. ...	<input type="checkbox"/>

★ 2022-2023 Odd Semester

★ 19AVP201-EEE,CYS,MEE,ARE	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼
★ B.Tech..2021.R.CYS.1. ...	▼

☆ 2021-2022

☆ 19CSE100-EEE,ELC,CSE ...	▼
☆ CYS, AIE,CCE	▼
☆ 19CSE100- Retest class	▼
☆ B.Tech..2021.R.CYS.1. ...	▼
☆ B.Tech..2021.R.CYS.1. ...	▼
☆ B.Tech..2021.R.CYS.1. ...	▼

Suggestion:

Remove redundant information 'B.Tech..2021.R.CYS.1...' in the course name. Instead of displaying the course id, displaying the course name will make navigation easier.

AUMS-UIE-003:

Marks for the courses are not updated properly in the Marks section of the AUMS. Most of the marks are not filled or filled with 'NP' and its harder for a user to understand the table and find their mark in a course.

Each course adds their own exam name (like Online Quiz, Quiz, Unit Test) and add the course marks which makes it even difficult to follow the table.

Principles violated:

- Strive for consistency
- Reduce short-term memory load

Semester	2	NP: Not Published								
Exam Name	Academic Period	Exam Type	20MAT113	20MAT112	20CYS181	20CYS114	20CYS113	20CYS112	20CYS111	19CUL111
Assignment 1	2021-2022	Regular							5.0	
Continuous Assessment	2021-2022	Regular	NP	NP						NP
Continuous Assessment Laboratory	2021-2022	Regular				10.0				
End Semester	2021-2022	Regular	NP	NP	NP	NP	NP	NP	NP	NP
Lab Evaluation 1	2021-2022	Regular				10.0		25.0		
Lab Evaluation 2	2021-2022	Regular				10.0		25.0		
Lab Evaluation 3	2021-2022	Regular						46.0		
Mid Term	2021-2022	Regular	NP	NP	NP	41.5	NP	48.0	36.0	
Mid-Term Online Exam	2021-2022	Regular								NP
Online Quiz 1	2021-2022	Regular					NP		NP	
Online Quiz 2	2021-2022	Regular					10.0		NP	
Online Quiz 3	2021-2022	Regular					NP		NP	
Online Quiz 4	2021-2022	Regular					NP			
Quiz 1	2021-2022	Regular				8.0		31.0		
Quiz 2	2021-2022	Regular				13.0		21.0		
Quiz 3	2021-2022	Regular				8.0				
Unit Test 1	2021-2022	Regular			NP					
Unit Test 2	2021-2022	Regular			NP					
Unit Test 3	2021-2022	Regular			NP					

Suggestions:

Create 'marks' section in each of the course links instead of displaying everything at single place or align the table with a definite structure and fixed exam names.

AUMS-UIE-004:

Lot of whitespaces. The entire website is full of whitespaces and the layout is not consistent throughout the website.

Principles violated:

- Strive for consistency

harmony."

Chancellor,
Sri Mata Amritanandamayi Devi

Home Information Display

EditLink? Help

Not yet configured

STUDENTS PERFORMANCE REPORTS

Roll No

CE/EN/LUCYS21015

Name

Dyanezh S

Academic Program & Branch

B.Tech2021 CYS

Current CGPA

9.5

NOTE: CGPA value will be shown ONLY AFTER all the courses that the student has registered in the term has been Published from Registrar's office

Semester

2

Sem	Course Code	Course Name	Academic Term Period	Type	Grade
2	DOMAT113	Discrete Mathematics	2021-2022Even Semester	Regular	A+
2	DOMAT112	Number Theory and Algebra	2021-2022Even Semester	Regular	A+
2	20CVS111	Digital Signal Processing	2021-2022Even Semester	Regular	A
2	20CVS112	Computer Organisation and Architecture	2021-2022Even Semester	Regular	O
2	20CVS113	Computer Programming	2021-2022Even Semester	Regular	A+
2	20CVS181	Computer Programming lab	2021-2022Even Semester	Regular	O
2	20CVS114	Cyber Security Essentials	2021-2022Even Semester	Regular	O
2	19CUL111	Cultural Education - II	2021-2022Even Semester	Regular	A
SGPA					9.57

Suggestions:

Design a proper layout and apply it in all the webpages. Increase the font size which will reduce the whitespace and makes the content legible enough for the users.

AUMS-UIE-005:

Mathematical expressions are not displayed properly and this happens mostly during quizzes. The website uses latex for displaying mathematical equations, so the problem here is either the used latex syntax is incorrect or the website is unable to render latex syntax to mathematical expressions.

Principles violated:

- Strive for consistency

Question 3 of 8

2 Points

Using the Cauchy's steepest descent method to minimise a multivariable function find the minimal point after one iteration. $f(x,y)=\frac{1}{2}(x^2+5y^2)$, starting point $X_1=(1,1)$

☐ A. $(50/63, -2/63)$

☐ B. $(-50/63, 4/63)$

☐ C. $(4/63, -50/63)$

☐ D. $(2/63, 50/63)$

[Reset Selection](#)

NEXT

Save

Part 3 of 3 - Part 3

Question 6 of 8

2 Points

Consider the function $f(x_1, x_2) = 4x_1 + 2x_2 + x_1^2 - 4x_1x_2 + x_2^2$. The direction $d^*(t) = (-1, 1)^T$ at the point $[1, 1]^T$ is a descent direction

☐ True

☐ False

[Reset Selection](#)

NEXT

Save

Suggestions:

Find why the latex is not displaying the equation properly. If its just incorrect latex syntax it can be corrected. If the syntax is correct, then include features to render latex expressions properly.