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Program Learning Objectives (PLOs):

1. Engineering Knowledge:

An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. Problem Analysis:

An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

3. Design/Development of Solutions:

An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

4. Investigation:

An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions

5. Modern Tool Usage:

An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations

6. The Engineer and Society:

An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the responsibilities relevant to professional engineering practice and solution to complex engineering problems.

7. Environment and Stability:

An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

8. Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

9. Individual and Team Work:

An ability to work effectively, as an individual or in a team, on multifaceted and/or multidisciplinary settings.

10. Communication:

An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project Management:

An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment

12. Lifelong Learning:

An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

[Add PLO](#)[Update PLO](#)[Delete PLO](#)[Map PLO to PEO](#)

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Program Educational Objectives (PEOs):

The following are the PEOs of department of Software Engineering:

PEO-1:

Exhibit comprehensive knowledge and agility to address problems in the Computer Science & Information Technology sphere of influence as capable engineers and academics

PEO-2:

Work and communicate with understanding as individuals and in multidisciplinary terms.

PEO-3:

Undertake professional practice considering ethical and societal implications.

PEO-4:

Versatility to adapt to the progressive dynamics of the computer science, Information Technology and computing domain through continued professional development and life-long learning.

[Add PEO](#)[Update PEO](#)[Delete PEO](#)

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Courses Taught in Department of Software Engineering

Request for CLO Management by Teacher

Define CLO passing Criteria

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Department of Software Engineering has following courses:

Software Engineering (SE - 205)

Programming Language (SE - 107)

Object Oriented Programming (SE - 205)

Data Processing (SE - 407)

Data Warehouse and Mining (DWM - 406)

Modeling and Simulation (CT - 401)

Network and Information Security (NIS - 403)

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Software Engineering (SE- 207)

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Software Engineering (SE- 207)

CLO- 01	Taxonomy Level	Program Learning Outcomes (PL0s)	Assessment Tools
Understand the processes, concepts and standards related to the discipline of Software Engineering	C-3	Engineering knowledge	Quiz 01: Explain SDLC Assignment 01: Why Use Case diagrams are used?

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Course Name:

Software Engineering

Course Code:

SE - 207

CLO Name:

CLO - 04

CLO Description:

Taxonomy Level:

Mapping of CLO to PLO:

Cancel

Approve

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Requests:

Request by Miss Asma Khan for adding new CLO in the course Software Engineering (SE - 207)

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Request for Add CLO:

Course Name:

Software Engineering

Course Code:

SE-207

CLO Name:

CLO - 04

CLO Description:

Understand complex engineering problems and able to analyze it and devise solution using Software Engineering knowledge

Taxonomy Level:

C-2

Mapping of CLO to PLO:

Problem Analysis

Reject

Approve

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Mapping of PLO to PEO:

PLOs		PEO-1	PEO-2	PEO-3	PEO-4
1	Engineering Knowledge	X			
2	Problem Analysis	X			
3	Design / Development of Solutions	X			
4	Investigation	X			
5	Modern Tool Usage	X			
6	The Engineer and Society			X	
7	Environment and Sustainability			X	
8	Ethics			X	
9	Individual and Team Work		X		
10	Communication		X		
11	Project Management		X		
12	Lifelong Learning				X

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Miss Asma Khan

You are teaching the following courses:

Programming Language (SE-107)

Object Oriented Programming (SE-205)

Software Engineering (SE-207)

Data Structures (SE-104)

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Software Engineering (SE- 207)

Course Learning Outcomes (CLOs)

Assessment Tools

Request for CLO Management

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Data warehouse and Mining (SE-407)

Network and Information Security (CT-460)

Distributed Processing (SE-406)

Modeling and Simulation (SE-405)

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Software Engineering (SE- 207)

[CLO - 01](#)[CLO - 02](#)[CLO - 03](#)

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Software Engineering (SE- 207)

[Assignment 01](#)[Quiz 01](#)[Quiz 02](#)[Assignment 02](#)[Add](#)[Update](#)[Delete](#)[Grade](#)

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Data warehouse and Mining (SE-407)

+ [View Assessment Criteria](#)

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Software Engineering (SE- 207)

CLO- 01	Taxonomy Level	Program Learning Outcomes (PL0s)	Assessment Tools
Understand the processes, concepts and standards related to the discipline of Software Engineering	C-3	Engineering knowledge	Quiz 01: Explain SDLC Assignment 01: Why Use Case diagrams are used?

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registration.helpdesk@neduet.edu.pk



Software Engineering (SE- 207)

Assignment 02	Course Learning Outcomes (CLOs)	Marks
Q1. Explain the principles which play a major role in development of software.	CLO - 01	05
Q2. What are the benifits of metrics in Software Engineering	CLO - 02	05

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Data warehouse and Mining (SE-407)

- View Assessment Criteria

CLO wise Criteria

CLOs	Assessment Tool	Max Marks
CLO-1	Assignment-1	5
	Quiz - 1	5
	Final	20
CLO-2	Assignment-1	10
	Quiz-2	5
	Final	20
CLO-3	Quiz-1	10
	Quiz-2	5
	Final	20
Total		100

Assessment tool wise Criteria

Assessment Tool	CLOs	Max Marks
Assignment-1	CLO-1	5
	CLO-2	10
	CLO-1	5
Quiz-1	CLO-3	10
	CLO-2	5
	CLO-3	5
Quiz-2	CLO-1	20
	CLO-2	20
	CLO-3	20
Total		100

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Software Engineering (SE- 207)

Quiz 03	Course Learning Outcomes (CLOs)	Marks
Q1. Explain the principles which play a major role in management of software development	CLO - 03	05

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Software Engineering (SE- 207)

Student		Quiz 01				Assignment 01					
		Question 01		Max Marks	Obt Marks	Question 01		Question 02		Max Marks	Obt Marks
		Max Marks	Obt Marks			CLO - 02	CLO - 02	CLO - 01	CLO - 01		
R-No	Name	CLO - 01	CLO - 01								
1	A	05	04	05	04	05	05	05	04	10	09
2	B	05	04	05	04	05	04	05	05	10	09
3	C	05	05	05	05	05	05	05	04	10	09

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Data warehouse and Mining (SE-407)

+ View Assessment Criteria

- View Course Report

CLO wise Course Report

CLOs	Assessment Tool	Obtained Marks
CLO-1	Assignment-1	5
	Quiz - 1	4
	Final	16
CLO-2	Assignment-1	8
	Quiz-2	4
	Final	17
CLO-3	Quiz-1	8
	Quiz-2	4
	Final	18
Total		84

Assessment tool wise Course Report

Assessment Tool	CLOs	Obtained Marks
Assignment-1	CLO-1	5
	CLO-2	8
	CLO-1	4
Quiz-1	CLO-3	8
	CLO-2	4
	CLO-3	4
Quiz-2	CLO-1	16
	CLO-2	17
	CLO-3	18
Total		84

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Course Name:

Course Code:

CLO Name:

CLO Description:

Taxonomy Level:

Mapping of CLO to PLO:

Cancel

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Students Information Management

Teachers Information Management

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Students Information Management

First Year Software Engineering (FESE)

Second Year Software Engineering (SESE)

Third Year Software Engineering (TESE)

Final Year Software Engineering (BESE)

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Final Year Software Engineering (BESE)

Section - A

Section - B

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Final Year Software Engineering (BESE)

Section - B

ID	Name	Email	Roll#	Gender	Program	Section	Password
1111111	ABC	abc@gmail.com	SE-36	Male	Software Engg	B	abc123
2222222	DEF	def@gmail.com	SE-37	Female	Software Engg	B	def123
3333333	GHI	ghi@gmail.com	SE-38	Female	Software Engg	B	ghi123
4444444	JKL	jkl@gmail.com	SE-39	Male	Software Engg	B	jk123
5555555	MNO	mno@gmail.com	SE-40	Male	Software Engg	B	mno123

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Teachers Information Management

Name	Email	Designation	Gender	Department	Password
ABC	abc@gmail.com	Dean	Male	Computer Science	abc123
DEF	def@gmail.com	Chairperson	Female	Computer Science	def123
GHI	ghi@gmail.com	Professor	Female	Computer Science	ghi123
JKL	jkI@gmail.com	Assistant Professor	Male	Computer Science	jkI123
MNO	mno@gmail.com	Lecturer	Male	Computer Science	mno123

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Request for Add CLO:

Course Name:

Software Engineering

Course Code:

SE-207

CLO Name:

CLO - 04

CLO Description:

Understand complex engineering problems and able to analyze it and devise solution using Software Engineering knowledge

Taxonomy Level:

C-2

Mapping of CLO to PLO:

Problem Analysis

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