LJ UNIVERSITY
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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 1 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Introduction to Software Engineering
2	Software Process
3	Process Models - Waterfall model
4	Incremental Model

Sr. No	**Essential List (Theory)**
1	Define software engineering.
2	Explain waterfall model with its advantages and dis advantages.

Sr. No	**Desirable List (Theory):**
1	Explain incremental model with diagram in detail.
2	Ex. Find out which models are used these days in company for developing software.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 2 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Evolutionary process model
2	Prototype model
3	Spiral model
4	Concurrent development model

Sr. No	**Essential List (Theory)**
1	Explain prototype model with its benefits and drawbacks.
2	Explain spiral model with diagram in detail.

Sr. No	**Desirable List (Theory):**
1	Explain concurrent development model.
2	Explain evolutionary process model.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 3 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Evolutionary process model
2	Prototype model
3	Spiral model
4	Concurrent development model

Sr. No	**Essential List (Theory)**
1	Explain prototype model with its benefits and drawbacks.
2	Explain spiral model with diagram in detail.

Sr. No	**Desirable List (Theory):**
1	Explain concurrent development model.
2	Explain evolutionary process model.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 4 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Introduction to agile process
2	What is agility
3	What is agile process, Agile principles
4	Human factors of agile

Sr. No	**Essential List (Theory)**
1	Define agile process.
2	Write a short note on principles of agile.

Sr. No	**Desirable List (Theory):**
1	Which are human factors of agile process development.
2	Ex. Identify different frameworks of agile process development.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 5 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Extreme Programming
2	XP values
3	XP Process
4	XP Process

Sr. No	**Essential List (Theory)**
1	Explain the concept of extreme programming.
2	Explain xp process in detail with diagram.

Sr. No	**Desirable List (Theory):**
1	Explain the importance of xp values.
2	Identify the projects working on xp to develop software.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 6 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Extreme Programming
2	XP values
3	XP Process
4	XP Process

Sr. No	**Essential List (Theory)**
1	Explain the concept of extreme programming.
2	Explain xp process in detail with diagram.

Sr. No	**Desirable List (Theory):**
1	Explain the importance of xp values.
2	Identify the projects working on xp to develop software from market.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 7 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Other software models
2	Adaptive software development
3	Scrum
4	Dynamic system development method

Sr. No	**Essential List (Theory)**
1	Explain scrum process model in detail.
2	What are the artifacts of scrum.

Sr. No	**Desirable List (Theory):**
1	Explain adaptive software development.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 8 (Unit –1) (Introduction to Software Engineering and Process models)	
	Topics to be covered
1	Other software models
2	Adaptive software development
3	Scrum
4	Dynamic system development method

Sr. No	**Essential List (Theory)**
1	Explain scrum process model in detail.
2	What are the artifacts of scrum.

Sr. No	**Desirable List (Theory):**
1	Explain dynamic system development method.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 9 (Unit –2) (Requirement Engineering)	
	Topics to be covered
1	**Requirement Engineering**
2	Definition of requirement engineering
3	Seven distinct tasks of requirement engineering
4	Inception, Elicitation, Elaboration

Sr. No	Essential List (Theory)
1	Define requirement engineering.
2	Enlist seven distinct tasks of requirement engineering.

Sr. No	Desirable List (Theory):
1	Ex. Gather the requirements of your college library to develop college library management system.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 10 (Unit –2) (Requirement Engineering)	
	Topics to be covered
1	**Requirement Engineering**
2	Definition of requirement engineering
3	Seven distinct tasks of requirement engineering
4	Negotiation, Specification, Validation

Sr. No	**Essential List (Theory)**
1	Write a short not on negotiation and specification of requirement engineering tasks.
2	Briefly explain validation in context of requirement engineering.

Sr. No	**Desirable List (Theory):**
1	Ex. Gather the requirements of your college library to develop college library management system.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 11 (Unit –2) (Requirement Engineering)	
	Topics to be covered
1	**Requirement Engineering**
2	Definition of requirement engineering
3	Seven distinct tasks of requirement engineering
4	Requirement Management

Sr. No	**Essential List (Theory)**
1	Explain inception and elicitation of requirement engineering.
2	Explain requirement management.

Sr. No	**Desirable List (Theory):**
1	Ex. Gather the requirements of your college library to develop college library management system.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 12 (Unit –2) (Requirement Engineering)	
	Topics to be covered
1	Establishing the ground work
2	Identifying stakeholders
3	Recognizing multiple viewpoints
4	Working toward collaboration, Asking first question

Sr. No	**Essential List (Theory)**
1	What do you mean by stake holder?
2	What are the basic questions to be asked to establish the ground work for requirement engineering?

Sr. No	**Desirable List (Theory):**
1	Identify the stake holders of your library in context of requirement gathering.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 13 (Unit –2) (Requirement Engineering)	
	Topics to be covered
1	Establishing the ground work
2	Identifying stakeholders
3	Recognizing multiple viewpoints
4	Working toward collaboration, Asking first question

Sr. No	**Essential List (Theory)**
1	What do you mean by stake holder?
2	What are the basic questions to be asked to establish the ground work for requirement engineering?

Sr. No	**Desirable List (Theory):**
1	Identify the stake holders of your library in context of requirement gathering.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 14 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Introduction to software quality and assurance**
2	Definition of Software quality.
3	Software quality assurance.
4	Software quality factors

Sr. No	Essential List (Theory)
1	Define software quality.
2	Define software quality assurance.

Sr. No	Desirable List (Theory):
1	Ex. Identify available proprietary software from market.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 15 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Introduction to software quality and assurance**
2	Product Operation factors
3	Product revision factors
4	Product transition factors

Sr. No	Essential List (Theory)
1	Explain product operation factors.
2	Explain product revision factors.

Sr. No	Desirable List (Theory):
1	Ex. Identify available proprietary software from market.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 16 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Introduction to software quality and assurance**
2	Product Operation factors
3	Product revision factors
4	Product transition factors

Sr. No	Essential List (Theory)
1	Explain product operation factors.
2	Explain product revision factors.

Sr. No	Desirable List (Theory):
1	Explain product transition factors.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session – 17 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Introduction to software quality and assurance**
2	Product Operation factors
3	Product revision factors
4	Product transition factors

Sr. No	Essential List (Theory)
1	Explain product operation factors.
2	Explain product revision factors.

Sr. No	Desirable List (Theory):
1	Explain product transition factors.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 18 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Alternative models of software quality factors**
2	Verifiability
3	Expandability
4	Safety

Sr. No	Essential List (Theory)
1	Enlist alternative software quality factors.
2	Explain expandability.

Sr. No	Desirable List (Theory):
1	Explain safety with example.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 19 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	Expandability
2	Safety
3	Manageability
4	Survivability

Sr. No	Essential List (Theory)
1	Explain verifiability.
2	Write a short note on product transition factors.

Sr. No	Desirable List (Theory):
1	Define expandability.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 20 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	Software project life cycle components
2	Reviews
3	Expert opinions
4	Software testing, Software maintenance

Sr. No	Essential List (Theory)
1	Enlist project life cycle components.
2	Briefly explain reviews.

Sr. No	Desirable List (Theory):
1	Explain the term expert opinions.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 21 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	Reviews: Review objectives
2	Proposal draft review objectives
3	Proposal draft review objectives
4	Contract draft review objectives

Sr. No	**Essential List (Theory)**
1	Explain proposal draft review objectives.
2	What are contract draft review objectives.

Sr. No	**Desirable List (Theory):**
1	Explain contract draft review objectives in detail.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 22 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	Contract review process and its stages
2	Review process
3	Stage one, Stage two
4	Who performs contract review.

Sr. No	**Essential List (Theory)**
1	What is contract review process.
2	Explain the stages of contract review process.

Sr. No	**Desirable List (Theory):**
1	What are the common situations to sign a contract with a company.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 23 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Development and quality plans:**
2	Development and quality plans objectives
3	Elements of development plans
4	Elements of development plans

Sr. No	Essential List (Theory)
1	What are the objectives of development and quality plans?
2	What are the elements of development plans?

Sr. No	Desirable List (Theory):
1	What are the common situations to sign a contract with a company.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 24 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Development and quality plans:**
2	Development and quality plans objectives
3	Elements of quality plans
4	Elements of quality plans

Sr. No	Essential List (Theory)
1	What are the elements of quality plan?
2	Explain any three elements of quality plan in detail.

Sr. No	Desirable List (Theory):
1	What are the common situations to sign a contract with a company.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 25 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Quality activities in project life cycle:**
2	Verification
3	Validation
4	Qualification

Sr. No	Essential List (Theory)
1	Define verification.
2	Define validation, qualification.

Sr. No	Desirable List (Theory):
1	What do you mean by verification, validation, and qualification.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 26 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Reviews:**
2	Review objectives: Direct and indirect
3	Formal design reviews
4	Elements of formal design reviews

Sr. No	Essential List (Theory)
1	What are the direct objectives of reviews.
2	What are the indirect objectives of reviews.

Sr. No	Desirable List (Theory):
1	What are the elements of formal design review.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 27 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Review elements:** Participants in DR and their role
2	Preparation for DR
3	DR session
4	Post review activities

Sr. No	Essential List (Theory)
1	Who all the participants involved in DR.?
2	What is the agenda of DR session?

Sr. No	Desirable List (Theory):
1	What are the post review activities?

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 28 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Review elements:** Participants in DR and their role
2	Preparation for DR
3	DR session
4	Post review activities

Sr. No	Essential List (Theory)
1	Who all the participants involved in DR.?
2	What is the agenda of DR session?

Sr. No	Desirable List (Theory):
1	What are the post review activities?

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 29 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Review elements:** Participants in DR and their role
2	Preparation for DR
3	DR session
4	Post review activities

Sr. No	Essential List (Theory)
1	Who all the participants involved in DR.?
2	What is the agenda of DR session?

Sr. No	Desirable List (Theory):
1	What are the post review activities?

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 30 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Infrastructure components for error prevention:**
2	Procedure and work instructions: What is procedure and what is work instruction?
3	Supporting quality devices: Checklist and templates
4	Staff training and Certifications: objectives

Sr. No	Essential List (Theory)
1	Define work instruction.
2	What are the objectives of staff training and certification?

Sr. No	Desirable List (Theory):
1	Explain checklist and templates in context of supporting quality devices.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 31 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**Infrastructure components for error prevention:**
2	Procedure and work instructions: What is procedure and what is work instruction?
3	Supporting quality devices: Checklist and templates
4	Staff training and Certifications: Objectives

Sr. No	Essential List (Theory)
1	Define work instruction.
2	What are the objectives of staff training and certification?

Sr. No	Desirable List (Theory):
1	Explain checklist and templates in context of supporting quality devices.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 32 (Unit –3) (Introduction to Software Quality and Assurance)	
	Topics to be covered
1	**SQA Human Components:**
2	Management's role in SQA
3	SQA Unit
4	SQA trustees, committees, and forums

Sr. No	Essential List (Theory)
1	What are SQA human components?
2	What is the role of SQA unit?

Sr. No	Desirable List (Theory):
1	What is the role of SQA trustees and committee members?

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 33 (Unit –4) (Software Testing and Implementation)	
	Topics to be covered
1	**Software testing:** Definition, Software testing assurance life cycle tools
2	Software testing objectives
3	Software testing strategies: Big Bang, Incremental
4	Software testing strategies: Top down, Bottom up

Sr. No	Essential List (Theory)
1	Explain big bang and incremental testing strategies with example.
2	Explain top down and bottom testing strategies with example.

Sr. No	Desirable List (Theory):
1	What are the testing objectives.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 34 (Unit –4) (Software Testing and Implementation)	
	Topics to be covered
1	**Software test classification:**
2	White box testing
3	Correctness test line coverage
4	Correctness test path coverage

Sr. No	Essential List (Theory)
1	What do you mean by white box testing? Explain in detail.
2	Explain correctness test line coverage with example.

Sr. No	Desirable List (Theory):
1	Explain correctness test path coverage.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 35 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Software test classification:**
2	Black box testing
3	Equivalence classes for output correctness test
4	Equivalence classes for output correctness test

Sr. No	**Essential List (Theory)**
1	What is black box testing?
2	Explain equivalence classes for output correctness test.

Sr. No	**Desirable List (Theory):**
1	Differentiate between black box and white box testing.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 36 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Testing process:**
2	Planning the tests: Unit test, Integration test and system test
3	What to test, Which sources to use for tests?
4	Where to perform the test? And when to terminate the test?

Sr. No	Essential List (Theory)
1	Explain testing process with diagram.
2	Explain the test planning.

Sr. No	Desirable List (Theory):
1	Explain different roles performed during testing process.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 37 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Test design:**
2	Detailed design and procedures for each test
3	Test case database /File
4	Template

Sr. No	Essential List (Theory)
1	What is the procedure to design test case?
2	Design test case of a system for login.

Sr. No	Desirable List (Theory):
1	Explain different roles performed during testing process.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 38 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Automated testing:**
2	Process of automated testing
3	Types of automated tests
4	Advantages and disadvantages of automated testing

Sr. No	Essential List (Theory)
1	Explain automated testing. What are its types.
2	What are the advantages and disadvantages of automated testing.

Sr. No	Desirable List (Theory):
1	What are the different tools available in market for automated testing.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 39 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Automated testing:**
2	Process of automated testing
3	Types of automated tests
4	Advantages and disadvantages of automated testing

Sr. No	Essential List (Theory)
1	Explain automated testing. What are its types.
2	What are the advantages and disadvantages of automated testing.

Sr. No	Desirable List (Theory):
1	What are the different tools available in market for automated testing.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 40 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Alpha and Beta testing:**
2	Alpha site testing
3	Beta site testing
4	Advantages and Disadvantages of beta site testing.

Sr. No	Essential List (Theory)
1	What is alpha site testing?
2	Explain beta site testing with advantages.

Sr. No	Desirable List (Theory):
1	What are the disadvantages of beta site testing?

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 41 (Unit –4) (Software testing and Implementation)	
	Topics to be covered
1	**Alpha and Beta testing:**
2	Alpha site testing
3	Beta site testing
4	Advantages and Disadvantages of beta site testing.

Sr. No	**Essential List (Theory)**
1	What is alpha site testing?
2	Explain beta site testing with advantages.

Sr. No	**Desirable List (Theory):**
1	What are the disadvantages of beta site testing?

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 42 (Unit –5) (Automation testing tool selenium)	
	Topics to be covered
1	What is testing tool?
2	Which testing tool is used for automated testing.
3	Selenium test setup
4	Selenium test setup

Sr. No	**Essential List (Theory)**
1	Find out selenium tool with its jar files.

Sr. No	**Desirable List (Theory):**
1	Which are other testing tools available in market.

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Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 42 (Unit –5) (Automation testing tool selenium)	
	Topics to be covered
1	Inspect web/html elements
2	Inspect web/html elements
3	Locating elements in selenium
4	Locating elements in selenium

Sr. No	**Essential List (Theory)**
1	Find out selenium tool with its jar files.

Sr. No	**Desirable List (Theory):**
1	Which are other testing tools available in market.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 44 (Unit –5) (Automation testing tool selenium)	
	Topics to be covered
1	Performing actions on elements using selenium web driver methods
2	Performing actions on elements
3	Performing actions on elements
4	Performing actions on elements

Sr. No	**Essential List (Theory)**
1	Which are web driver methods of selenium?

Sr. No	**Desirable List (Theory):**
1	Which are other testing tools available in market.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 45 (Unit –5) (Automation testing tool selenium)	
	Topics to be covered
1	Selenium page object model
2	Selenium page object model
3	Writing Selenium test cases
4	Writing Selenium test cases

Sr. No	**Essential List (Theory)**
1	What is page object model?

Sr. No	**Desirable List (Theory):**
1	Write a test case for login module.

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Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 46	
	Topics to be covered
1	Revision
2	Revision
3	Revision
4	Revision

Sr. No	Essential List (Theory)
1	Concepts revision

Sr. No	Desirable List (Theory):
1	Concepts revision

LJ UNIVERSITY
University with a Difference

Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 47	
	Topics to be covered
1	Revision
2	Revision
3	Revision
4	Revision

Sr. No	Essential List (Theory)
1	Concept revision

Sr. No	Desirable List (Theory):
1	Concept revision

LJ UNIVERSITY
University with a Difference

Integrated MCA (SEM-V)

Subject Code: 050120502

Subject Name: Software Engineering and Quality Assurance

Detailed Schedule

Session - 48	
	Topics to be covered
1	Doubt solving session
2	Doubt solving session
3	Doubt solving session
4	Doubt solving session

Sr. No	**Essential List (Theory)**
1	Concept discussion

Sr. No	**Desirable List (Theory):**
1	Concept discussion