

Web Application Development with Java EE (OV-110)

Duration:	4 Months*	Fee:							
Eligibility:	Undergraduates/ graduates/ working professionals/ engineers								
Job opportunities:	<i>On completing this course, you can build a successful career as Java Web Developer.</i>								
Evaluation Strategy:	<p style="text-align: center;">Award of Grades</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #ffd700;">PASS</th> <th style="background-color: #ffd700;">CREDIT</th> <th style="background-color: #ffd700;">DISTINCTION</th> </tr> </thead> <tbody> <tr> <td>Overall Weighted Marks >= 40% but < 60% qualifies for PASS</td> <td>Overall Weighted Marks >= 60% but < 75% qualifies for CREDIT</td> <td>Overall Weighted Marks >= 75% but < 60% qualifies for DISTINCTION</td> </tr> </tbody> </table> <p>Note: To attain a PASS/CREDIT/DISTINCTION grade, a student should achieve at least 40% in Final Examination; otherwise he/she will be declared as 'Referred'.</p>			PASS	CREDIT	DISTINCTION	Overall Weighted Marks >= 40% but < 60% qualifies for PASS	Overall Weighted Marks >= 60% but < 75% qualifies for CREDIT	Overall Weighted Marks >= 75% but < 60% qualifies for DISTINCTION
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Learner's Guide (eBook)	<p style="text-align: center;">Course Content</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #ffd700; width: 50%;"> Web Component Development (Servlets and JSP) <ul style="list-style-type: none"> 1. Explain Servlets and its lifecycle. 2. Understand and create robust web applications using MVC architecture, session management, filters, and database integration. 3. Explain JSP and develop JSP pages. 4. Understand and create easy to maintain view components using JSP pages, the Expression Language, and elements of the JSP Standard Tag Library (JSTL) 5. Create secure Web applications using the features of the Java EE web container. </td> <td style="background-color: #ffd700; width: 50%;"> Integrating Applications with Spring Framework <ul style="list-style-type: none"> 1. Learn about the details of the Spring Framework 2. Learn to access data in a Spring Application 3. Creating Web application using Spring MVC Framework 4. Learn to beautify a Spring application 5. Learn how to secure a Spring application 6. Learn how to test Spring application 7. Learn how to develop an application using Spring Boot 8. Learn about Microservices 9. Develop Microservices using Spring Boot and scaling them using Spring Cloud </td> </tr> <tr> <td colspan="2" style="background-color: #ffd700;"> Data Persistence with Hibernate <ul style="list-style-type: none"> 1. Understand object/relational persistence 2. Start a new project 3. Work with Domain models and metadata 4. Learn about Mapping persistent classes 5. Understand Inheritance and custom types 6. Learn about Mapping collections and entity associations 7. Work with Advanced entity association mappings 8. Understand Legacy databases and custom SQL 9. Work with objects 10. Use Transactions and concurrency 11. Implement conversations 12. Modify objects efficiently 13. Optimize fetching and caching 14. Learn to query with HQL and JPA QL 15. Work with advanced query options 16. Create and test layered applications 17. Learn about JBoss Seam </td> </tr> </table>			Web Component Development (Servlets and JSP) <ul style="list-style-type: none"> 1. Explain Servlets and its lifecycle. 2. Understand and create robust web applications using MVC architecture, session management, filters, and database integration. 3. Explain JSP and develop JSP pages. 4. Understand and create easy to maintain view components using JSP pages, the Expression Language, and elements of the JSP Standard Tag Library (JSTL) 5. Create secure Web applications using the features of the Java EE web container. 	Integrating Applications with Spring Framework <ul style="list-style-type: none"> 1. Learn about the details of the Spring Framework 2. Learn to access data in a Spring Application 3. Creating Web application using Spring MVC Framework 4. Learn to beautify a Spring application 5. Learn how to secure a Spring application 6. Learn how to test Spring application 7. Learn how to develop an application using Spring Boot 8. Learn about Microservices 9. Develop Microservices using Spring Boot and scaling them using Spring Cloud 	Data Persistence with Hibernate <ul style="list-style-type: none"> 1. Understand object/relational persistence 2. Start a new project 3. Work with Domain models and metadata 4. Learn about Mapping persistent classes 5. Understand Inheritance and custom types 6. Learn about Mapping collections and entity associations 7. Work with Advanced entity association mappings 8. Understand Legacy databases and custom SQL 9. Work with objects 10. Use Transactions and concurrency 11. Implement conversations 12. Modify objects efficiently 13. Optimize fetching and caching 14. Learn to query with HQL and JPA QL 15. Work with advanced query options 16. Create and test layered applications 17. Learn about JBoss Seam 			
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Documents Required:	<ol style="list-style-type: none">1. All educational certificates2. Age proof3. Residential address proof (Permanent and Current)4. Two Passport size Photograph	
<p><i>Pay your fee Offline as well as Online, For Online Payment Scan QR Code</i></p>		