

Are you?

- Born with talents for Computing & Programming
- Want to be a world-class Software Engineer
- Ready to Start a working Career after One year
- Enthusiastic about high-level coding



iCODE

Then this is the best opportunity

Win i Code 'wiz-cids' special recognition, grants with close guidance for long-term Engineering Courses
May join immediately after O/L or A/L

Java Programming with Hands on Systems Development experience within one year. Offered by OpenArc Systems & OpenArc School.

Why iCode?

Only Java course in Sri Lanka offering practical work experience using Java Frameworks.

Only course & workshop promoted by a software company and an IT School together.

You become a practical Java Developer within one year.

Further education & BIT Degree after 3 years.

Earnings & 2 years work experience before the BIT Degree.

In order to meet the demands of the Software industry & SLASSCOM Companies.

OpenArc has designed this New Courses & Workshop

Leading to its IDSD – Industrial Diploma of Software Development – 2021.

HOTLINE-070 4500 777

OpenArc
CAMPUS

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I-Code Syllabus - Year 01 - 30 Credits

Course Overview/Introduction		
Introduction to SDLC Requirement Engineering	Practical Mini Project 01	
JavaSE Fundamentals		
Introduction and Setup Basics of Java Operators Control Flow String Operations Collection Framework Date and Time Streams Exceptions	Practical Mini Project 02	
Object Oriented Programming Paradigm		
Abstraction Encapsulation Polymorphism Inheritance Association Aggregation Composition	Practical Mini Project 03	
Advanced Java Features		
Generics Data Structures Sorting and Searching Algorithms Exception Handling Threads JDBC JUnit	Practical Mini Project 04	
Relational and Non Relational Databases		
Introduction to Relational Databases ER diagrams SQL and DML PostgreSQL, MySQL Advance SQL Programming Transactions and Query Optimisation Introduction to NoSQL Categories of NoSQL NoSQL Queries/Operations Real world applications MongoDB, Cassandra, Redis	Practical Mini Project 05	
Internet and Java		
Distributed Application Paradigm Middleware Components of Distributed Applications Distributed Application Architecture	Practical Mini Project 06	
Linux Servers		
Introduction to Linux distributions Linux essential commands Linux file system SSH Permissions Utilities Shell Scripting CRON jobs Database configuration	Practical Mini Project 07	
Java Design Patterns		
Introduction to Design Patterns Creational Design Patterns Structural Design Patterns Behavioural Design Patterns	Practical Mini Project 08	
Web Technologies		
HTML CSS JavaScript AJAX Bootstrap JSP JSON JSTL Apache Web Server Apache Maven	Practical Mini Project 09	
JavaEE Development Frameworks		
Hibernate Struts Spring Apache Validator Deployment Automation - CI/CD Apache Jenkins Apache JMeter	Practical Mini Project 10	
RESTful API Development		
Introduction to RESTful API design Spring Boot eco system API Security API Management Microservices Architecture	Practical Mini Project 11	
Final Project		
Documentation Design Development Testing Implementation	Final Project	

For more details
please contact
us via hotline:

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