



Excelssior Education Society's  
**K.C. College of Engineering and Management Studies and Research**  
MithBunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

**Name of the event:** Workshop on Advanced JAVA

**Name of Speaker:** Mr.Sanjay Makhija

**Date:** 7/08/2014, 8/08/2014, 11/08/2014

K.C.COLLEGE OF ENGINEERING & MANAGEMENT STUDIES & RESEARCH

KOPRI THANE

Department of Computer Engineering

"Advanced Java" Workshop Proposal

(Computer Department)

Objective of Program: To provide hands-on training on Advanced Java.

Final dates of Workshop: 7<sup>th</sup>, 8<sup>th</sup> and 11<sup>th</sup> August, 2014

Fees per student: 500/- student

Target Audience: Final Year and third year computer students.

Course Content: Java Struts

Time: 10 am to 4 pm

Name of Speaker: Mr. Sanjay Makhija

Name of Co-ordinator: 1) Mandar Ganjapurkar

2) Manasi Choche

3) Hasib Shaikh



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## Struts 2.0

- Struts2 Architecture
- StrutsPrepareAndExecuteFilter, ActionMapper.
- Struts2 Configuration struts.xml
- Struts2 Interceptors, Understanding How do they work, Configuring Them.
- Writing our own Interceptor & Configuring it.
- Understanding functionality of ActionInvocation
- ActionContext.
- Writing Action classes , Understanding Action(interface), ActionSupport(class)
- Sensible Struts2 Defaults
- Understanding Results, Result Types, Building our own Result Types.
- Struts2 Data Conversion classes, Making our own Data Conversion class
- Using Validation Framework for validations.
- Internationalization of Struts2 application. I18n Interceptor.
- Understanding and Using OGNL
- Understanding and Using ValueStack.
- Understanding how OGNL expressions are evaluated against ValueStack
- Inversion Of Control using Dependency Injection (the Aware interfaces)
- SessionAware, ApplicationAware, RequestAware
- Implementing Hotel Management System using Struts2

