Ruby on Rails (RoR)

You've got a head full of ideas when it comes to creating a web app, but where do you start? In this workshop, you'll learn HTML, Rails, and GIT basics that will get you moving the right direction in your app development process. In this workshop, you will learn the basics of programming in Ruby - enough to play around with arrays, hashes, control structures, and methods. You will also be able to build and deploy a simple Rails app.

This two days workshop covers all the essential topics about Ruby on Rails. The main focus of this workshop is to giving deep and inside knowledge about Ruby on Rails with purely industrial application. This workshop will include:

- Introduction, Why use Rails?, MVC Architecture
- Command Prompt, Install ruby, Development Kit, Ruby gems, Install rails, Install mysql, Web server
- Creating Project, Bundler Introduction, Project access, Create Controller and view, File structure, Server Requests, Routes
- Templates, Redirection, View Templates, Variable, Links and Parameters
- Creating & Configuring Database, Rake, Migrations
- Introduction to Active Record and Relation, Generating Models, Rails Console, CRUD with Records, Named Scopes
- Types of Relationship(one to one, one to many, many to many)
- Basic CRUD Operations, Form Basics,(Create, Edit, Delete with CRUD)
- Layouts, Partials, Text, Number, Date Time, Custom Helpers
- Asset pipeline, Style sheets, JavaScript, Images
- Form Helpers, Option Helpers, Form Errors, Prevent CSRF
- Data Validation
- Introduction to authentication, Secure Password, Login Logout, Cookies & Session
- Improving the simple CMS

Duration: The duration of this workshop will be two consecutive days, with eight hour session each day in a total of sixteen hours properly divided into theory and hands on sessions.

Fees: Rs. 1200/- per head inclusive of all taxes.