



**Sandip Foundations**  
**Sandip Institute of Technology and Research Centre, Nashik**  
**Department of Computer Engineering**

Industry-Academia Innovative Practice

# **Activity Report**

**On**

## **“Object Oriented Modeling Using Agile Methodologies”**

**(31<sup>st</sup> July 2014 – 4<sup>th</sup> August 2014)**

**Organized by**

**Sandip Foundation’s**  
**Sandip Institute of Technology and Research Centre**  
**Department of Computer Engineering**



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**Activity Report on “Object Oriented Modeling Using Agile Methodologies”**

**Name of Resource Person :** Mr. Prashant Pund

**Address:** Agile soft Methodologies pvt, Pune

**Duration :** 35 hrs

**Date :** 31<sup>st</sup> July 2014 – 4<sup>th</sup> August 2014

**Event Coordinator:** Prof. Sandip M. Walunj, Comp Engg Dept, SITRC

**Class:** TE

**Venue:** Computer Center Lab, Computer Engg Department, SITRC, Nashik

**Aim:** To give an overview about the basics of Agile Technology and focus is to explain the Agile values, principles, practices and roles & responsibilities.

**Objective:**

1. Agile is the structured development of processes and techniques for efficient multi site collaboration in the overall design teams.
2. The structured development of knowledge enabled information technologies to support interdisciplinary design campaigns.
3. To motivate students in research and development activities.

**Outcomes:**

- 1) Deeper understanding about the essence of Agile
- 2) Clarity about individual roles and responsibilities
- 3) Overview about Scrum framework and practices

**Total No. Participants:** 48

## Course Structure:

<b>Sr. No.</b>	<b>Topic</b>	<b>Duration</b>
1	Agile and Lean Software Development: Basics and Fundamentals <ul style="list-style-type: none"><li>• Values, principles, stakeholders</li></ul>	2 hrs
2	Lean Approach <ul style="list-style-type: none"><li>• Waste Management, Kaizen and Kanban</li></ul>	3 hrs
3	Agile and Scrum Principles <ul style="list-style-type: none"><li>• Agile Manifesto, Twelve Practices of XP</li></ul>	3 hrs
4	Agile Product Management – I <ul style="list-style-type: none"><li>• Communication, Planning, Estimation</li></ul>	2 hrs
5	Agile Product Management – II <ul style="list-style-type: none"><li>• Quality, Risk, Metrics and Measurements</li></ul>	3 hrs
6	Iteration I - Project Presentation and Retrospective Analysis	4 hrs
7	Agile Requirements <ul style="list-style-type: none"><li>• User Stories, Backlog Management</li></ul>	2 hrs
8	Agile Architecture <ul style="list-style-type: none"><li>• Feature-Driven Development</li></ul>	2 hrs
9	Agile Risk Management <ul style="list-style-type: none"><li>• Risk and Quality Assurance</li></ul>	3 hrs
10	Iteration II - Project Presentation and Retrospective Analysis	2 hrs
11	Agile Review <ul style="list-style-type: none"><li>• Agile Metrics and Measurements</li></ul>	2 hrs
12	Agile Testing <ul style="list-style-type: none"><li>• Test-Driven Development, User Acceptance Test</li></ul>	2 hrs
13	Scaling Agile for large projects <ul style="list-style-type: none"><li>• Scrum of Scrums, Team collaborations</li></ul>	2 hrs
14	Iteration III - Project Presentation and Retrospective Analysis	3 hrs

**List of Participants:**

<b>Sr. No.</b>	<b>Name of Students</b>	
1	NIKITA	CHAUDHARI
2	RASHMI	BADADALE
3	EKTA	GOIL
4	AKANKSHA	KOULAGE
5	CHANDNI	KATHURIYA
6	ASHWINI	AWATE
7	GAYATRI	AMRUTKAR
8	CHETAN	AHIRE
9	VAISHALI	BACHHAV
10	PRADNYA	BAGAD
11	MADHURA	NARKHEDE
12	PAYAL	DISOJA
13	AARTI	DHADIWAL
14	SURAJ	BHAGAT
15	PRIYANKA	KUMAWAT
16	PRIYANKA	KULKARNI
17	KIRAN	CHAVAN
18	SHUBHAM	JANGLE
19	POOJA	CHAUDHARI
20	URMILA	MAHAJAN
21	ANKITA	DANDANE
22	KSHITIJA	DESHMUKH
23	KETKI	ARGADE
24	NILESHKUMAR	JHA
25	PIYUSH	JHA
26	UTKARSHA	BAGUL
27	NIKHIL	DIDOLKAR
28	DIVYA	GOHIL
29	SHUBHANGI	DUKALE
30	CHHAYA	DHATRAK
31	KISHANKUMAR	BHAMRE
32	ANIKET	MARATHE

33	GAURI	KHUPASE
34	POOJA	GHODEKAR
35	VRUSHALI	JADHAV
36	PRASAD	KADAM
37	VAIDEHI	JADHAV
38	VARSHA	KAWALE
39	DIVYA	GOHIL
40	FAIZAN	SHAIKH
41	RASIKA	JOSHI
42	VELANTINA	KAPALE
43	DIVYASHREE	BAVISKAR
44	ROSHANI	THAKARE
45	PALLAVI	ERANDE
46	AKASH	KATARE
47	POONAM	JADHAV
48	RAMESH	VIG

**Photographs:**



**Prof. Sandip M. Walunj**

**Coordinators**

**Prof. A. D. Potgantwar**

**HOD**