

# Infosys

## Sponsored

### Deep Dive Faculty Enablement Program (DDFEP) on “Foundation Program 4.1” (18<sup>th</sup>-22<sup>nd</sup> Sept. 2017)

Swami Keshvanand Institute of Technology, Management & Gramothan, Jagatpura, Jaipur

**Date:** 18<sup>th</sup>-22<sup>nd</sup> Sept. 2017 (One Week)

**Venue:** IAI Lab, CSE/IT Department, Vikram Sarabhai Block, SKIT, Jaipur

**No. of Faculties:** 51 (Pan India Participation)

**Tools Used:** Eclipse, Tomcat Server, Spring Framework

#### Purpose of Workshop

To make the faculties learn about Campus Connect Foundation Program in a better way. Faculty Enablement Program introduces to the faculty with Generic courses & faculties aware about Camus Connect teaching methodology. To Prepare faculties to roll out the Foundation Program in Campus Connect Partner Colleges. To build a sustainable partnership with engineering education institutions in India and abroad for mutual benefit, producing “industry ready” recruits. It exposes faculty to the Infosys way of professional training and sharing industry best practices.

The foundation program is aimed at imparting the necessary knowledge and skills to a fresh entrant to take up the challenges of a project work. It follows a hands-on approach with access to the latest technologies and tools. Campus Connect equips graduates not only in computer science and software engineering, but also helps them apply their learning to practical situations, with special emphasis on teamwork, project management, cross functional networking and effective communication. The foundation program is aimed at imparting the necessary knowledge and skills to a fresh entrant to take up the challenges of a project work and to make students “**industry ready**”.

#### TRAINERS:

1. **Mr. Anuj Madhusudan Jajoo**, Technology Lead, Education Training & Assessment, Infosys Ltd.
2. **Ms. Kalpana Balaraman**, Technology Lead, Education Training & Assessment, Infosys Ltd.

## SCHEDULE

### Deep Dive Faculty Enablement Program (FEP) on

### Foundation Program 4.1



Date: 18 - 22 Sep 2017

Venue: Swami Keshvanand Institute of Technology, Jaipur

### Inaugural Session

Date	From	To	Duration	Area	Session Mode	Workshop Topic	Venue	Anchor	
D a	7:30 AM	8:30 AM	1:00			Breakfast	Mess	Participants	
	8:30 AM	9:00 AM	0:30	Inauguration		Registration, Faculty kit distribution	Inaugural Venue: Sir M. Visweringaraya Block (J.C. Bose Seminar Hall), SKIT, Jaipur	Participants	
	9:00 AM	9:10 AM	0:10		Video	Infosys Movie		Kalpna, Lead, ETA, Infosys	
	9:10 AM	9:20 AM	0:10		Interaction	Welcome and Introduction of Participants		Kalpna Balaraman	
	9:20 AM	9:30 AM	0:10		Lecture	Keynote Address		Chairman / Director / Director (Academic)	
	9:30 AM	9:45 AM	0:15		Lecture	Role of Infosys Campus Connect Program in Industry-Academia Partnership		Anuj Jajoo, Lead, ETA, Infosys	
	9:45 AM	10:05 AM	0:20		Lecture	FP4.1 - The Rationale / Briefing		Kalpna Balaraman	
	10:05 AM	10:30 AM	0:25					Photo Session and Tea Break	
	<b>Module-1: OOP using Python</b>								
	10:30 AM	10:50 AM	0:20	Basic Python	Assessment	Pre-Feedback and Pre-Assessment	Industry Academia Interface Lab	Participants	
	10:50 AM	11:50 AM	1:00		Lecture	Basics - Keywords, Variables, Operators, Collections		Anuj	
	11:50 AM	12:15 PM	0:25		Lecture + Hands-on	Eclipse / Lclipse, Python Configuration - Hands-On		Anuj	
12:15 PM	12:30 PM	0:15	Tools		Tools Exposure (Python Tutor)	Anuj			
12:30 PM	1:30 PM	1:00			Lunch	Mess	Participants		
1:30 PM	2:30 PM	1:00		Lecture + Demo	Control Statements		Anuj		



	2:30 PM	3:15 PM	0:45	Basic Python	Hands-on	Hands-On Assignments	IAI Lab	Anuj
	3:15 PM	3:30 PM	0:15			Tea Break		Participants
	3:30 PM	4:30 PM	1:00	Basic Python	Lecture + Hands-on	Functions, Exception Handling and File operations	IAI Lab	Anuj

	4:30 PM	4:45 PM	0:15		Lecture	How to generate Hands-On Question Paper for Module 1 & 2/ Project Specification Document for Module 3		Kalpana
	4:45 PM	5:00 PM	0:15		Lecture	Module 3: Project Briefing		Kalpana
	4:45 PM	5:00 PM	0:15		Interaction	Feedback and Reflection of the Day		Participants
	8:30 PM	9:00 PM				Dinner	Mess	Participants

**Module-1: OOP using Python**

Date	From	To	Duration	Area	Session Mode	Workshop Topic	Venue	Anchor
Day 2	7:30 AM	8:30 AM	1:00			Breakfast	Mess	Participants
	9:00 AM	10:00 AM	1:00	OOP using Python	Lecture + Demo	Classess and Objects	IAI Lab	Anuj
	10:00 AM	10:45 AM	0:45		Hands-on	Hands-on Assignments		Anuj
	10:45 AM	11:00 AM	0:15			Tea Break		Participants
	11:00 AM	12:00 PM	1:00	OOP using Python	Lecture + Demo	Method Invocation	IAI Lab	Anuj
	12:00 PM	12:45 PM	0:45		Hands-on	Hands-on Assignments		Anuj
	12:45 PM	1:45 PM	1:00			Lunch	Mess	Participants
	1:45 PM	2:45 PM	1:00	OOP using Python	Lecture + Demo	Static, Class and Instance Methods	IAI Lab	Anuj
	2:45 PM	3:30 PM	0:45		Hands-on	Hands-on Assignments		Anuj
	3:30 PM	3:45 PM	0:15			Tea Break		Participants
	3:45 PM	4:30 PM	0:45	OOP using Python	Lecture + Demo	Relationships	IAI Lab	Anuj
	4:30 PM	5:30 PM	1:00		Assessment	Module 1 : OOP using Python - Hands-On Assessment		Participants
	5:30 PM	5:45 PM	0:15		Interaction	Feedback and Reflection of the Day		Participants
	8:30 PM	9:00 PM				Dinner	Mess	Participants

**Module-2: RDBMS**

Date	From	To	Duration	Area	Session Mode	Workshop Topic	Venue	Anchor
Day 2	7:30 AM	8:30 AM	1:00			Breakfast	Mess	Participants
	9:00 AM	10:15 AM	1:15	RDBMS	Lecture	Database Design Techniques	IAI Lab	Kalpana
	10:15 AM	10:45 AM	0:30		Hands-on	Hands-on Assignments on Database Design, Normalization		Kalpana
	10:45 AM	11:00 AM	0:15			Tea Break		Participants
	11:00 AM	12:15 PM	1:15	RDBMS	Lecture	SQL - Basics, GROUP BY, HAVING & Constraints	IAI Lab	Kalpana
	12:15 PM	1:00 PM	0:45		Hands-on	Hands-on Assignments		Kalpana
	1:00 PM	2:00 PM	1:00			Lunch	Mess	Participants



	2:00 PM	3:00 PM	1:00	RDBMS	Lecture	SQL: Joins - Cross Join, Inner Join, Outer Join - Left and Right Outer Joins, Self Join	IAI Lab	Kalpana
	3:00 PM	3:45 PM	0:45		Lecture + Hands-on	Hands-on Assignments		Kalpana
	3:45 PM	4:00 PM	0:15			Tea Break		Participants
	4:00 PM	4:45 PM	0:45	RDBMS	Lecture	SQL: Subqueries, EXISTS / NOT EXISTS	IAI Lab	Kalpana

	4:45 PM	5:45 PM	1:00	RDBMS	Assessment	Module 2 : RDBMS - Hands-On Assessment		Participants
	5:45 PM	6:00 PM	0:15		Interaction	Feedback and Reflection of the Day		Participants
	8:30 PM	9:00 PM				Dinner	Mess	Participants
<b>Module-3: Python - DB Integration</b>								
Date	From	To	Duration	Area	Session Mode	Workshop Topic	Venue	Anchor
Day 4	7:30 AM	8:30 AM	1:00			Breakfast	Mess	Participants
	9:00 AM	10:00 AM	1:00	RDBMS	Lecture	Transactions and Introduction to PL/SQL	IAI Lab	Kalpana
	10:00 AM	10:45 AM	0:45		Hands-on	Assignments on PL/SQL		Kalpana
	10:45 AM	11:00 AM	0:15			Tea Break		Participants
	11:00 AM	12:15 PM	1:15	Python DB	Lecture	Python Database Integration using Oracle	IAI Lab	Kalpana
	12:15 PM	1:00 PM	0:45		Hands-on	Hands-on Assignments		Kalpana
	1:00 PM	2:00 PM	1:00			Lunch	Mess	Participants
	2:00 PM	3:30 PM	1:30	Python DB	Project	Project Implementation (Python - Oracle Integration)	IAI Lab	Participants
	3:30 PM	3:45 PM	0:15			Tea Break		Participants
	3:45 PM	5:15 PM	1:30	Python DB	Project	Project Implementation (Python - Oracle Integration)	IAI Lab	Participants
	5:15 PM	5:30 PM	0:15		Interaction	Feedback and Reflection of the Day		Participants
8:30 PM	9:00 PM				Dinner	Mess	Participants	
<b>Project Presentation, Assessment and Closure</b>								
Date	From	To	Duration	Area	Session Mode	Workshop Topic	Venue	Anchor
Day 5	7:30 AM	8:30 AM	1:00			Breakfast	Mess	Participants
	9:00 AM	10:45 AM	1:45		Project	Project Implementation	IAI Lab	Participants
	10:45 AM	11:00 AM	0:15			Tea Break		Participants
	11:00 AM	1:30 PM	2:30		Project	Project Presentations	IAI Lab	Participants
	1:30 PM	2:30 PM	1:00			Lunch	Mess	Participants
	2:30 PM	3:10 PM	0:40	Assessment	Assessment	Online Assessment	IAI Lab	Participants
	3:10 PM	3:30 PM	0:20		Interaction	Post-Feedback		Participants
	3:30 PM	4:00 PM	0:30	Closure	Interaction	Summarizing, Experience sharing and FP4.1 Roll-out plans sharing by the participants.	Valedictory Venue: IAI Lab	Participants
	4:00 PM	4:15 PM	0:15		Lecture	Campus Connect Road Ahead / Inspire Briefing		Kalpana
	4:15 PM	4:25 PM	0:10		Lecture	Valedictory Address		Chief Guest
	4:25 PM	4:40 PM	0:15		Group Activity	Certificate Distribution		Chief Guest
4:40 PM	4:50 PM	0:10	Lecture		Vote of Thanks	Anuj		
4:50 PM	5:15 PM	0:25		Interaction	Facilitation, High Tea and Departure		Participants	

## Deep Drive Faculty Enablement Program

"Foundation Program 4.1"

18<sup>th</sup>-22<sup>nd</sup> September, 2017











## Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur

Infosys\_FEP\_FP 4.1 18th-22nd Sept, 2017@SKIT Jaipur

SN	Name of College, City	Name of Participant	Gender	PRESENT/ ABSENT
1	College of Engineering Roorkee (COER)	Dhaneshwar Kumar	Male	PRESENT
2	College of Engineering Roorkee (COER)	Md. Salman	Male	ABSENT
3	CET-Mody University,Lakshmangarh	Hitesh Jangir	Male	ABSENT
4	CET-Mody University,Lakshmangarh	Manmohan Sharma	Male	ABSENT
5	Arya Institute of Engineering & Technology, Jaipur	Mr. Manish Choubisa	Male	PRESENT
6	Arya Institute of Engineering & Technology, Jaipur	Ms. Neha Jain	Female	PRESENT
7	University of petroleum and energy studies, Dehradun	Vishwas Rathi	Male	PRESENT
8	University of petroleum and energy studies, Dehradun	Piyush Chauhan	Male	PRESENT
9	PSIT College of Engineering	Sandeep Khanna	Male	PRESENT
10	Galgotias University ,Greater Noida	Chetan Agarwal	Male	PRESENT
11	Galgotias University ,Greater Noida	Ravindra Kumar Chahar	Male	PRESENT
12	SKIT, Jaipur	Kanak Giri	Male	PRESENT
13	SKIT, Jaipur	Kajal Mathur	Female	PRESENT
14	SKIT, Jaipur	Harpreet Singh Gill	Male	PRESENT
15	SKIT, Jaipur	Anjali Pandey	Female	PRESENT
16	SKIT, Jaipur	Priyanka Sharma	Female	PRESENT
17	SKIT, Jaipur	Sushant Kumar	Male	PRESENT
18	SKIT, Jaipur	Naveen Jain	Male	PRESENT
19	SKIT, Jaipur	Shubham Gupta	Male	PRESENT
20	SKIT, Jaipur	Sanju Chaudhary	Female	PRESENT
21	Jaipur Engineering College & Research Centre, Jaipur	Shikha Maheshwari	Female	PRESENT
22	Jaipur Engineering College & Research Centre, Jaipur	Abhishek Dixit	Male	PRESENT
23	Graphic Era University	Hemant Singh	Male	PRESENT
24	Graphic Era University	Sumit Pundir	Male	PRESENT
25	CHANDIGARH ENGINEERING COLLEGE, LANDRAN, MOHALI	DR BK VERMA	Male	PRESENT
26	CHANDIGARH ENGINEERING COLLEGE, LANDRAN, MOHALI	Mr. Pardeep singh	Male	PRESENT
27	Pranveer Singh Institute of Technology, Kanpur	Sumit Chandra	Male	PRESENT
28	Shaheed Bhagat Singh State Technical Campus, Ferozepur	Gagandeep	Male	ABSENT
29	GLA University,Mathura	PIYUSH VASHISTHA	Male	PRESENT
30	GLA University,Mathura	JITESH KUMAR BHATIA	Male	PRESENT
31	Madhav Institute of Technology & Science Gwalior	Prof. Manish Dixit	Male	PRESENT
32	Madhav Institute of Technology & Science Gwalior	Prof. Jmvant Kumre	Male	PRESENT
33	MIT College of Engineering, Pune	Prof.Aboli Patil	Female	PRESENT
34	MIT College of Engineering, Pune	Prof.Sanket Shinde	Male	PRESENT
35	NMIMS MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGER	MS. MINATI RATH	Female	PRESENT
36	Lingayat university	Lalit Kumar	Male	PRESENT
37	School Of Engineering, RK University, Rajkot	Prof. Madhuri Javiya	Female	PRESENT
38	School Of Engineering, RK University, Rajkot	Prof. Sweta Patel	Female	PRESENT
39	SVERIs College of engineering, Pandharpur	Mr. Lakhn Hanamant Jadh	Male	PRESENT
40	SVERIs College of engineering, Pandharpur	Mr. Gulab Rajabhai Shaikh	Male	PRESENT
41	Vishwakarma Institute of Information Technology, Pune	Prof. Lahu A. Kamble	Male	PRESENT
42	Vishwakarma Institute of Information Technology, Pune	Prof.Pravin V. Khandare	Male	PRESENT
43	Walchand Institute of Technology, Solapur	Mr. Nikhil S.Gajjam	Male	PRESENT
44	Manav Rachna University, Faridabad	Neelu Chaudhary	Female	PRESENT
45	Ajay Kumar Garg Engineering College, Ghaziabad	Nisha	Female	PRESENT
46	Ajay Kumar Garg Engineering College, Ghaziabad	Kapil Tomar	Male	PRESENT
47	Ambala College of Engineering and Applied Research, Ambala	Oevashish	Male	ABSENT
48	Maharishi Markandeshwar University, Mullana, Haryana	Mr. Dalip Kamboj	Male	PRESENT
49	Maharishi Markandeshwar University, Mullana, Haryana	Mr. Neeraj Rehaja	Male	PRESENT
50	NIEC, Delhi	Ms. Tanvi	Female	PRESENT
51	Poornima college of engineering	Mr. Amitesh Kumar	Male	PRESENT
52	SKIT, Jaipur	Sweta Rajani	Female	PRESENT

