

Effective ways
to
roll out
Infosys Campus Connect
Foundation Program

Prof. Purvi B. Soni(purvishah.ce@ddu.ac.in)

Prof. Jigar M. Pandya(jigarpandya.ce@ddu.ac.in)

Dharmsinh Desai University, Nadiad.

Professionalism

- Everyday strict timings of starting and ending session was adhered.
- Final touch: many minor details were conveyed
 - Setting up work station/Development environment
 - Adding bookmark in browser of frequently used sites
 - Remote computing, Interoperability
 - Framing quick question to get hint/help from colleagues and not disturb
 - Care for eyes, back, communication, time management.

Interns, Let us know your details!!

- In the “interns list” (made available by TPO), we added a sequence number column and shared with the batch
- This number was considered as their student roll # during the complete program.
 - Used as name of “Assignment Solution Files” to automatically execute sql script for FA2 HandsOn grading, etc.
 - Used to share participation document, results, etc.

...Use of Google Forms

- To collect participant's information
 - roll #. (They know this from "KnowYourDetails.pdf")
 - Candidate's Registered E-Mail ID *
 - Mail-ID used at the time of recruitment process;
 - Student ID (University reg number) *
 - Name of the Candidate *
 - This is what will appear on certificate
 - Infosys offer id
 - Branch * (CS/IT, Non CS/IT, MCA)
 - Semester *
 - The current semester. i.e. SEM8 for CS/IT, SEM6 for MCA
- <https://www.google.co.in/forms/about/>
- Share the form on email addresses of all participants.
- Responses are then available to us in a spreadsheet
- These details were used for
 - Intern names were fetched using office mail merge feature for participation document
 - FP Batch Closure (to let CC process certificates)

Moodle course

Day to day activities

- With reference to Session Plan available in each Focus Area (FA) material
- Setup everyday section, post topics and related assignments. Share related campus connect provided pdfs.
- Demonstrate tool of the day. Hands on.
- Let student upload assignments meeting deadline (Due Date) and delayed (Cut-off date) but marked as late.

Online Quiz using moodle

- Pre-test to “Know, what you don’t know!”
- Performance evaluation after all Focus Area and badge distribution. I.e. Terminator, Avengers, Expandables, Spartans, Warriors.
- Doubt clearing sessions to improve technical knowledge and skills.
- Open up the quiz for unlimited later attempts and review correct answers.

Using moodle aiken format, question text files were imported into question banks (bulk import).

What is the correct answer to this question?

- A. Is it this one?
- B. Maybe this answer?
- C. Possibly this one?
- D. Must be this one!

ANSWER: D

Day1 Quiz



Day1 - Overview, Motivation, CAMP, Batch Plan

Pre-Test

Pre-Test



Pre-Test for FP4.0



pretest



FA1 Objective



FA2 Objective



FA3 SE Objective



FA3 IUWT Objective



TRAINING - 2012-Pre-Test for FP4.0-grades-FINAL

Hands-on Quiz, make a difference

- Non-traditional way of hands-on quiz
- i.e. Reverse Engineering
 - Given the database tables structure, generate ER Diagram. Manually and automatically both.
 - Half cooked code:
 - Behind the scene, From ready UI/Web page source generate snapshots.
 - Remove few important coding snippets.
 - Finally, let interns complete the coding to meet requirement as per snapshots from half cooked code.

Demo Software Tools

To keep students interested in attending hands on hours,

**everyday during hands-on/assignment solving period,
we spare 15-45 minutes to demonstrate important tools as per industry requirement:**

Software Tools:

- SSH Client - Putty - <http://www.putty.org> With help of XMing - <http://sourceforge.net/projects/xming/>
- SSH Client – Xshell Tools/Telnet-SSH-Clients/Xshell-Free.shtml)
- Microsoft Project Plan (.mpp) Eclipse IDE for Java - <https://eclipse.org/>
- Version Management System - Subversion (<https://subversion.apache.org/>) Windows Client (<https://tortoisesvn.net/>)
- Apache Tomcat with localhost:8080 as well as withing eclipse as a server
- Google service of reCaptcha.\
- Cygwin - <https://www.cygwin.com/>
- Toad - Database Client by Dell
- Oracle XE for local machine
- sqlldr for importing csv into tables
- Tnspring with tnsnames.ora
- Squirrel as generic sql client, java -jar to setup and add drivers and test url
- imp.exe and exp.exe from oracle bin for import/export database dump
- Java decompiler - <http://jd.benow.ca/>
- StarUML
- Python IDLE
- JUnit with Eclipse mars
- Work management system for billing hours

Know more to move ahead. Share most to stay ahead.

- Sharing significant things anytime shows students that we care. i.e. Even after 2 months, a small bit was shared for their betterment.
- “Win in the Flat World” - Software is everywhere and business environment continues to flatten.

The screenshot shows a Google+ interface. At the top is the Google logo and a search bar. Below it, the user 'Prof. Jigar' is logged in. The main content area shows a post from 'me (jigarpandya.ce change)' with the text 'find out what does it mean? "Win in the Flat World"'. The text 'Win in the Flat World' is circled in red. Below the text is a link to a website and a paragraph of text. The date 'Mar 8' is also circled in red. The post is titled 'Find out yourself.' and has a star icon next to it.

Google Search for topics

Prof. Jigar

Groups POST REPLY Actions 1 of 25 (17)

DDU_Infosys_FP_2015_16
find out what does it mean? "Win in the Flat World"

1 post by 1 author

me (jigarpandya.ce change) Mar 8

★ Find out yourself.

<http://www.indiantelevision.com/mam/marketing/mam/infosys-wins-itsma-award-for-win-in-the-flat-world-campaign>

Infosys wins ITSMA award for 'Win in the Flat World' campaign
Posted on : 15 Nov 2007 07:00 pm

"We are committed to providing our customers with the strategic insight and execution that is crucial in keeping them ahead of the competition as business environments continue to flatten," said Infosys global corporate marketing head Srinivas Uppaluri.

Infosys's 'Win in the Flat World' initiative was based on in-depth research which identified that the business landscape was going through fundamental changes driven by four forces: opening of emerging economies, structural shifts in demographics, ubiquity of technology and regulation.

Use of technology to share

- Day wise topics, material, assignments
 - Moodle: Course Management System for online learning and resource management
 - Software Setups
 - Ftp, Windows LAN
 - Information by Campus Connect on student concerns and other facts
 - Google Group
 - Student updates while undergoing the course and later as part of “Gift a Dream!!” idea to create buzz at university
 - WhatsApp
 - University Newsletter
- “Gift a dream! – A gift of a dream from Infosys current interns to juniors to prepare well for next year placement”

Productivity

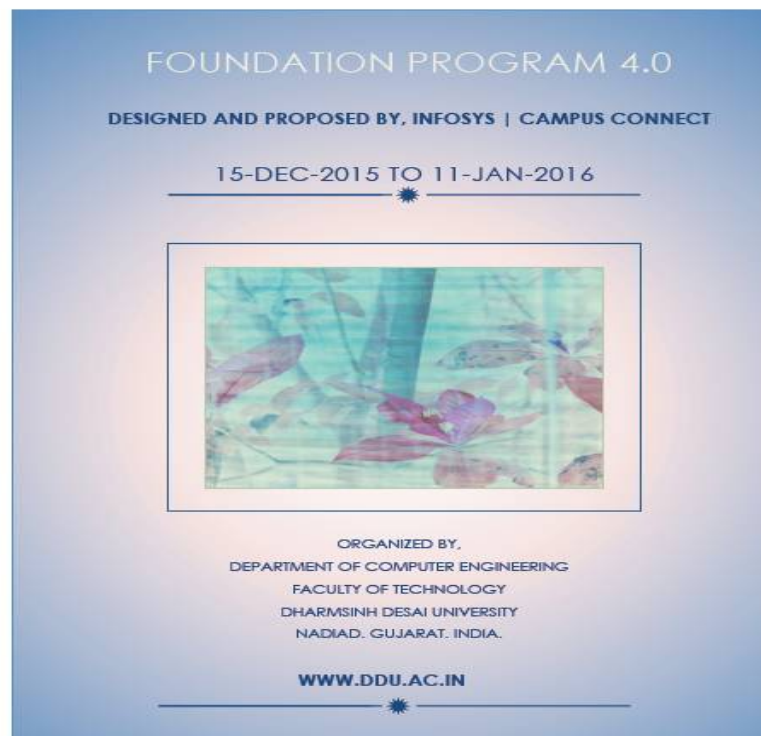
- **Keyboard shortcut**
- **Important features for coding standards**
- **Automated Tasks/Work around**
- **For example, following was collected from students as part of learning eclipse:**
PRODUCTIVITY - CHEATSHEET
Eclipse (Updated frequently)
 - use ctrl+space to get Template Proposals after partial typing any component i.e. Sys<Ctrl+Space>
 - Typing sysout and Ctrl+Space, choses System.out.println
 - Generate **Getters and Setters** automatically from the source menu for instance variable.
 - If you want to rename a variable all over, use right click on that variable and **perform REFACTOR**. It will automatically, update name everywhere(single or mutiple files) it is in use.
 - Multiline **comments automatically, apply** Ctrl+Shift+/. **Revert** Ctrl+Shift+\\.
 - Ctrl+Shift+f for **auto indent** the current file.
 - Ctrl+Shift+o for discarding unused import statement.
 - F3 or Ctrl+LeftMouseClicked will **show function body/ variable declaration space**. To go back to previous place, press alter+left arrow.
 - Select an identifier and press Ctrl+U., it highlights all occurances,

Importance of Documentation

- **Students were provided with following guidelines to prepare documentation:**
 - Front Page
 - Participant Document
 - Acknowledgement
 - Index
 - About the Foundation Program 4.0
 - About Campus Connect
 - About Infosys
 - About DDU
 - Focus Area 1 (Object Oriented Programming using Java)
Topics' description and assignments with solution day wise
 - Focus Area 2 (Relational Database Management Systems)
Topics description and assignments with solution day wise
 - Focus Area 3 (Software Engineering and Introduction to UI & Web Technologies)
Topics description and assignments with solution day wise
 - Tools
3 to 5 pages of each tool with about software tool, screenshots conveying the purpose and activity
(Refer to software tools section from moodle)
 - Day wise activities
 - Important WebSites and References

...Importance of Documentation

- DDU prepared participation documents of all students automatically using mail-merge feature of Microsoft Office and provided to students to print and attach in the documentation.
- This was signed by all faculties on concluding day **to admire student efforts.**



Celebrations and memories

- Professional Day Group Photo



Thank you.