

# IT INDUSTRY PRACTICE PROGRAM

@ technopark

for Engineering / MCA / M.Sc. (IT/CS) students



- Get first-hand exposure to the functioning of the IT industry.
- Understand industry expectations and job pre-requisites.
- Gain in-depth exposure in a chosen technology.
- Gain hands-on experience in project implementation following Software Engineering processes.
- Learn to communicate and work effectively in teams.

## Project implementation using ASP.Net in C#

Design and development of a web application using ASP.Net in C# with SQL Server as backend

- Introduction to Web application, HTML, CSS and JavaScript
- Web User Controls
- State Management
- Three Tier Architecture
- Authentication and Authorization
- Introduction to Database
- ADO.Net

Project implementation following Software Engineering Processes:  
Problem Statement, Actor Catalog, Use case catalog, Use case diagrams, Use case description, Use case dissection, class design, class diagrams, database design, GUI design, Coding following coding standards, Unit testing, Project Integration, Integration testing, Acceptance testing, Configuration management and Version control.  
Project Presentation.

## Project implementation in J2EE

Design and development of a web application using J2EE with Oracle 9i as backend

- Introduction to Web application, HTML, CSS and JavaScript
- Java Servlets
- Java Server Pages
- State Management
- MVC Architecture
- Introduction to Database
- Java DataBase Connectivity (JDBC)

Project implementation following Software Engineering Processes:  
Problem Statement, Actor Catalog, Use case catalog, Use case diagrams, Use case description, Use case dissection, class design, class diagrams, database design, GUI design, Coding following coding standards, Unit testing, Project Integration, Integration testing, Acceptance testing, Configuration management and Version control.  
Project Presentation.

## Project implementation in PHP

Design and development of a web application using PHP with MySQL as backend

- Introduction to Web application, HTML, CSS and JavaScript
- PHP Programming
- PHP Functions
- State Management
- MVC Architecture
- Introduction to Database
- Database connection

Project implementation following Software Engineering Processes:  
Problem Statement, Actor Catalog, Use case catalog, Use case diagrams, Use case description, Use case dissection, class design, class diagrams, database design, GUI design, Coding following coding standards, Unit testing, Project Integration, Integration testing, Acceptance testing, Configuration management and Version control.  
Project Presentation.

## Project implementation in C and Introduction to RDBMS

Design and development of a console application using C  
Introduction to RDBMS and ANSI SQL

- Introduction to Computer Fundamentals and Algorithm
- Data types and variables
- Control Structures
- Structures and Unions
- Functions, Pointers, Files
- Introduction to RDBMS
- Structured Query Language: DDL, DML, Retrieval of data, Joins, SQL Functions.

Project implementation following Software Engineering Processes:  
Problem Statement, Software requirements specification, high-level and low-level Design, Data flow diagrams, GUI design, Coding following coding standards, Unit testing, Project Integration, Integration testing, Acceptance testing, Configuration management and Version control.  
Project Presentation.

## Testimonials

**"We are able to know how the corporate world works. We are getting an atmosphere as if we are in our jobs".** Rojin George, Computer Science Student, College of Engineering, Cherthala

**"I never had an idea about what I am supposed to face in the IT field. This program helped me to discover that".** Sneha Babu, Computer Science Student, Sarabhai Institute of Science and Technology, Trivandrum.

**"The importance of planning in software development is a new lesson for me and it is the biggest lesson that I learnt".** Vivek Stanly. Computer Science Student. M.G College of Engineering, Trivandrum.

**"This program is highly informative and gives an idea about how to approach projects systematically".** Amala Nair G S, Computer Science Student, Sarabhai Institute of Science and Technology, Trivandrum

**"This program helped me not only to increase my knowledge but also to give me a good amount of confidence while working in a group".** Arun P, Computer Science Student, College of Engineering, Cherthala.

**"Being an Electronics student, I was not confident to acquire a job in the IT field. But now my confidence level has improved and I am confident to work in the IT field".**  
Yamuna M Nair, Electronics Student, M.G College of Engineering, Trivandrum..

## About FAITH INFOTECH

Faith InfoTech India Pvt. Limited is a leading provider of Training and Consulting in Technology, Leadership and Management. The customer base includes several organizations both in the Government and private sectors, as well as a large number of individuals. The company with its a strong focus on learning services, runs "FAITH INFOTECH Academy for Professional Advancement" at Technopark, which is host to 20,000 professionals in 150 IT companies. The institution has an alumni base of over 4000 candidates. More than 60 companies regularly participate in the recruitment of trainees from the institution.

### Services to Corporate

ILP for Fresh Recruits (campus to corporate program)  
Professional Performance Development Programs in  
Technology, Management, Process, Leadership  
Communication & Soft-Skills.

### Services to Individuals

Industry Practice for Engg/MCA/M.Sc (CS/IT) students  
IT Finishing School Program for freshers.  
PROPEL Program with placement for  
Engineering / MCA / M.Sc (CS/IT) Graduates.  
PROMETRIC Testing & Certification centre for  
Microsoft | IBM | SUN | Oracle etc.,  
Personal Effectiveness & Leadership Programs.  
Communication & Soft-Skills Programs  
PMP Certification Training.

### Services to Academic Institutions

Training in Technology, Process & Pedagogy for Faculty.  
Technology, Communication, Soft-Skills, Behavioral &  
Attitudinal Training for Students.



**FAITH INFOTECH Academy for Professional Advancement,**  
Thejaswini, Technopark, Trivandrum, Kerala, India  
Phone: **0471-2700999 / 4077077**  
email : [info@faithinfotech.in](mailto:info@faithinfotech.in)  
[www.faiminfotech.in](http://www.faiminfotech.in)