

# TECHTALK - 2018

## Technology Certification Courses

Dear Friends,

TechTalk is a three-month technology advancement program for IT amateurs who have done their graduation or post-graduation in Computer Science, Computer Applications or Computer Engineering. This is conducted by BOSCOITS, the Technology Resource Centre of BICS InfoTech. This institute has sixteen years of experience in training and placement of IT graduates in the industry with the required skills and exposure. TECHTALK Transforms Students into Experts. It makes sure that you get a job.

If you are intending to:

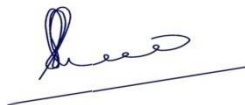
- Sharpen your development and technical skills;
- Choose a career option on a technology domain; and
- Update on .Net, Android & IOS, LAMP, Python, Process Maker and Technical Writing

**TechTalk** is a fitting programme.

**Choose from the combo of course offering:**

Code	Course Name	Duration	Start Date	End Date
.NET	Dot Net Technologies	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
Android & IOS	MAPP Technologies	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
Java	JAVA Technologies	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
LAMP	LAMP Technologies	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
PYTHON	Python Technologies	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
Process Maker	Work Flow Automation	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018
DTW	Technical Writing	3 Months	2 <sup>nd</sup> July 2018	28 <sup>th</sup> September 2018

Apply for your course today. We wish you a best of learning experience in an education-cum-industrial setup.



Sincerely Yours,

Dr S Thaddeus

**Director**

Bosco InfoTech Services, Don Bosco College  
Guezou Nagar, Athanavur, Yelagiri Hills-635853

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## SPECIAL FEATURES

■ Tested and Proven Courses ■ Certification ■ Placement Guidance ■ Professional and Industrial Tutors ■ One-to-One Mentoring ■ State-of-Art Technology and Infrastructure ■ Residential Program ■ Cool and Conducive climate

### **.NET Technologies**

**Code: DNET**

Microsoft .NET is a suite of tools which enables you to easily develop modern software applications. In this course, you acquire the fundamental knowledge and hands-on experience to write object-oriented applications using C#. You learn how to design and test applications with Visual Studio, create ASP.NET Web applications and connect to a database using ADO.NET.

#### **Why you should attend?**

To become proficient in developing Windows or Web applications using ASP.NET, C# and .NET Framework.

Competencies developed through this course include:

- Design and develop Web and Windows applications using Microsoft .NET and Visual Studio;
- Write object-oriented code using C#;
- Leverage Visual Studio for code generation, user interface design, automated testing and debugging;
- Control Web site access with Web Forms authentication;
- Build SQL Server databases and access them using ADO.NET.

#### **Who can attend this course?**

While this course does not assume that participants have any programming experience, prior exposure to other structural and/ or object-oriented languages is very beneficial. To get the full value from this course, the participants should have prior knowledge and experience of object-oriented and GUI-based programming

### **Java Technologies**

**Code : JAVA**

Our courses and certifications are designed to get you going with enterprise application development and help you become an expert on core Java EE technologies including Enterprise JavaBeans (EJB), Java Persistence API (JPA), Web Services, Java Server Pages (JSP) and Spring Framework. Graduating from this course will allow students to be immediately productive in supporting and developing Java applications.

#### **Why you should attend this Course?**

By the end of the course, you will be able to:

- Learn the art of java programming and use of IDEs to develop an effective Java web and desktop applications;
- Understand OOP concepts and its implementation in Java;
- Be familiar with Java EE technologies;
- Be familiar with different ORM and Web application frameworks available;
- Develop a web application using Spring Framework.

### **Who can attend this course?**

While this course does not assume that participants have any programming experience, prior exposure to other structural and/ or object-oriented languages is very beneficial. To get the full value from this course, the participants should be able to:

- Solve basic mathematical or technical problems;
- Execute commands using a command- line interface;
- Basic programming knowledge in C# and Java.

## **Android**

Android is built from the ground-up to enable developers to create compelling mobile applications that take full advantage of all a handset has to offer. It was built to be truly open. For example, an application can call upon any of the phone's core functionality such as making calls, sending text messages, or using the camera, allowing developers to create richer and more cohesive experiences for users. Android is built on the open Linux Kernel. Furthermore, it utilizes a custom virtual machine that was designed to optimize memory and hardware resources in a mobile environment. Android is open source; it can be liberally extended to incorporate new cutting edge technologies as they emerge. The platform will continue to evolve as the developer community works together to build innovative mobile applications.

### **Why you should attend?**

- At the end of this course, you will be able to do
- Introduction to Android
- Developing for Android
- Android Activities and UI Design
- Advance UI Programming
- Toast, Menu, Dialog, List and Adapters
- Multimedia Programing using Android
- Location Based Services and Google Apps
- Android Development using other tools

### **Who can attend this course?**

- Having basic knowledge in C, C++, HTML, CSS and basics of Web (Java script is optional)

## Fee Details

- Course Fee (Rs.): 22000
- Accommodation (in Rs per month): 700 to 800 approximately
- Canteen facility is available at additional cost approximately: (Rs) 1300 to Rs 1500
- **\*Candidates should bring their own Laptop for the training programme.**

## IOS

iOS App Development Basics, the second course in the iOS App Development with Swift specialization, expands your programming skills and applies them to authentic app development projects. The topics covered in this course include Xcode basics, Core iOS and Cocoa Touch frameworks, simple user interface creation, MVC Architecture and much more. With a focus on using Apple's components to access sensors like camera, microphone and GPS. Currently this course is taught using Swift 2. The team is aware of the release of Swift 3 and will be making edits to the course in time. Please be aware that at this time the instruction is entirely with Swift 2.

### Why should you attend?

By the end of this course you will be able to create a basic App according to specified parameters and guidelines.

### Who can attend this course?

Having basic knowledge in HTML, CSS and basics of Web (Java script is optional)

## Fee Details

Course Fee (Rs.): 22000

Accommodation (in Rs per month): 700 to 800 approximately

Canteen facility is available at additional cost approximately: (Rs) 1300 to Rs 1500

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## LAMP Technologies

Code: LAMP

LAMP is an open source web development platform that uses Linux as the operating system, Apache as the web server, and MySQL as the relational database management system and PHP as the object-oriented scripting language. This course covers the development of dynamic database-driven websites and application using mainly PHP and MySQL. Course participants can learn and develop an application using LAMP technology as LAMP is mature and flexible enough to be used for small, medium and large applications alike. This course begins with an exploration of the LAMP architecture, fundamentals of PHP concepts and MySQL support with real-world examples.

## Why you should attend?

By the end of the course, you will be able to design and develop dynamic, web-based applications. Also you will learn:

- PHP advanced concepts;
- MySQL and its interaction with PHP;
- Security Issues in PHP;
- Sending mails with attachments.

## Who can attend this course?

Having basic knowledge in HTML, CSS and basics of Web (Java script is optional)

## Fee Details

Course Fee (Rs.): 22000

Accommodation (in Rs per month): 700 to 800 approximately

Canteen facility is available at additional cost approximately: (Rs) 1300 to Rs 1500

**\*Candidates should bring their own Laptop for the training programme.**

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**For Further Information,  
Contact:**

**HR DEPARTMENT**  
**BOSCO INFORMATION TECHNOLOGY SERVICES**  
Don Bosco College, Guezou Nagar, Yelagiri Hills  
Vellore DT. Tamil Nadu, India – 635 853  
Email: [hr@boscosofttech.com.com](mailto:hr@boscosofttech.com.com), +91-9786000439

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## Process Maker

Process Maker is a cost effective and easy to use open source business process management (BPM) or workflow software application. Workflow software such as Process Maker can assist organizations of any size with designing, automating and deploying business processes or workflows of various kinds. This course covers all the advanced features such as Web Services and Triggers; using the BPMN 2.0 compliant Process Designer and the HTML5 responsive Form Builder in Process Maker.

## Why should you attend this course?

By the end of the course, you will be able to learn

- Introduction to BPM, BPMN and Process Maker
- BPMN Projects
- The HTML5/Responsive Dynaform Editor
- User Management
- Database Connections and Reporting

- Input & Output Documents
- JavaScript in Dynaforms
- Triggers
- Process Configuration
- Running a Process
- Advanced Design Options

### **Who can attend this course?**

The candidate should have basic knowledge of following details

- Programming Logic: Basic
- SQL: Basic
- JavaScript: Basic
- PHP: Basic

### **Fee Details**

Course Fee (Rs.): 22000

Accommodation (in Rs per month): 700 to 800 approximately

Canteen facility is available at additional cost approximately: (Rs) 1300 to Rs 1500

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## **Technical Writing**

Technical writing refers to straightforward explanations and instructions dealing with a particular technical subject. That is, the technical writing is writing on a specific subject for a specific purpose to a specific audience. Technical Writers can be considered as a bridge between people who know technology and people who use it.

They understand the complications of technology and put it in simple words that help the users to understand and use it. As with any writing project, the audiences' understanding level must be considered in the development of the document. When writing about technical information, it is important to be concise and exact about the subject matter.

The task assigned may be in the form of a help document for a piece of software or a machine or it may concern a process or way of performing a task. *User manuals, assembly instructions, analysis reports or summaries of lengthy reports* are all types of technical writing.

### **Why should you attend this course?**

By the end of the course, you will be able to do

- User Guides
- Online Help
- Training Material
- Technical/Procedural Documents

### **Who can attend this course?**

The candidate should have basic knowledge of following details

- Communication Skills
- Any UG Graduation
- Knowledge of MS Windows & MS Office

### **Fee Details**

Course Fee (Rs.): 22000

Accommodation (in Rs per month): 700 to 800 approximately

Canteen facility is available at additional cost approximately: (Rs) 1300 to Rs 1500

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