**Chapter 2**

**DEPARTMENT INFORMATION**

Accolade Tech Solutions helps customers to do business better leveraging our industry-wide experience, deep technology expertise, comprehensive portfolio of services and a vertically aligned business model. Our dedicated emerging technologies enable us to harness the latest technology for delivering business capability to our clients.

**2.1 Training Solutions**

These are thecourses offered by Accolade Tech Solutions,

* C or C++ Programming.
* Hardware Design.
* Embedded Systems Programming.
* Internet of Things, Robotics.
* PCB Design.
* Software Engineering.
* Software Testing and Test Automation.
* Java Programming.
* Android Programming.
* Database: MS SQL Server, MySQL Administration, Oracle.
* Data Structures.
* Project Management.
* Web Design and Development, HTML, XML, PHP.
* Python and Perl Scripting.

#### Industry Solutions

* Consultation and Development services in.
* Embedded Programming.
* Hardware Development.
* Software Testing.
* Software Development.
* Web Development.
* Corporate Training.
* Interview Pre-Screening.
* Performance Evaluation.
* Process Implementation.

#### Other Services

* Project Work Guidance.
* Testing
* IOS App
* Website Development
* Android App

**Clients**



**2.2Product Solutions**

The products of the company include following applications

* Rise up
* Sambhram
* Hospital Pharmacy Cashless System
* Membership and Renewal Software
* College Management System

**2.3 Embedded Systems Consulting**

Accolade tech solutions is actively engaged in developing embedded and Real Time system solutions. These solutions are available as off-the-shelf components that can be plugged into the customers system. Many companies are relying on them since they have complete and comprehensive knowledge gain in embedded system design service, PCB design services, Internet of things development and they are equally taking utmost responsibility in discharging of duties. They create a path for solvability hence modern demands in relation to embedded technology are easily met by the clients. They are experts in different array of embedded system design platforms encompassing both technologies in hardware and programming.

**2.4 Software Development**

Accolade tech solutions are professionally involved in software development for the complete life cycle in Java, .Net and Android. Their work process is involved in the conceptualisation to final manifestation. Testing procedures in embedded software development services include unit testing, reviewing of code, testing of system, defect management with different software testing procedures and testing for security and testing for user acceptance.

**2.5 Internet of Things**

Industrial Automation with the use of IOT indubitably can be the finest application. Infrastructure including a network of advanced sensors, wireless means to connectivity, hardware, which are innovative kind can be the facility for machine to machine communication, hence process can be leveraged effectively. Metering solution for industries, arrangement of smart grid and automation to agriculture and enhanced monitoring in healthcare can be worked with the team. The technologies and platforms they are considering are Intel Quark Processor, MSP430 (from Texas Instruments), Raspberry Pi, Arduino and ARM- Cortex and ARM embed. IOT kit is ready for availability. They are managing with the communication technologies, which include M2M: 6LowPAN, ZigBee, BLE, NFC and RFID. Their applications can make way for smart parking, monitoring of noise pollution, warning systems when managing traffic, effective, and smart lighting and finer waste management in the process.

**2.6 Training and Deployment**

Training and deployment solution for fresh engineers is provided with embedded design services, software development and PCB designing solution. Job based training provided to fresh graduates. Web design, full stack web development, their experts are keen in providing in-depth knowledge implementation to trainees, who wish to make a career in corporate. Learning process include complete embedded system development including programming associated with it. Training module developed by their own developers makes a way for a flexible and convenient learning. They provide in-house training to fresh graduates along with professional skills taught hence making them ready for path to success.

Companies are relying on their hiring process since students are backed by extensive learning at their own organisation. They have regularly handled contract staffing solutions in embedded, VLSI, PCB design domain and software development.

Proud to express that, they have developed a vast network of industry people and provided them the talented people as part of manpower.