Centre of Excellence in IT
Courses

Jishnu T U[1]

[1]Trainer
Centre of Excellence in IT,PNG

Centre of Excellence in IT,PNG October 2019

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CEIT

Jishnu T U

Our Courses

Internet of Things

Web Development

Mobile Applications

Big Data

Database Administration

Infrastructure and Network Security

System Administration and Networking

IT Applications

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We Offer 4 PG-Diploma & 17 Certificate Courses.

Let us introduce our courses through use cases

Use Case : Smart Safety Monitor

Some Features of products are

1. Flood, Freeze and Fire detection

2. Control Thermostat and Valve Operation

3. Raise Alert

4. Predict Maintenance of machine

The product contains components:

1. Smart Sensor and hubs programmed to detect Freeze/Fire or Flood.
2. To process the message from sensor and send alerts
3. A portal (App) to control valve and Thermostat operation
4. A view to show all parameters of the platform
5. A model to analyze the signals of machine to predict the failure

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IOT

Description

1. Embedded Linux to develop for IoT.
2. Wireless Network & Communication protocols.
3. IoT prototyping using NodeJS and Python for development.
4. Cloud Platforms for IoT.

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Description

1. Core Java and Advanced Java programming.

2. Database Technologies.

3. Foundations of Web Technologies.

4. Enterprise Java for Servlets, Java Server Pages.

Description

1. MS .NET 4.5 Framework using C#.
2. Database Technologies.
3. Foundations of Web Technologies.
4. MS .Net Window programming.
5. MS .Net Web based programming.

Description

1. Web Programming – I (HTML, CSS, Ajax).
2. Web Programming – II (PHP, Java scripts).
3. Database Concepts.
4. Internet Terminologies

Description

1. HTML Scripting.
2. Javascript,CSS,JQuery.
3. Interactive Flash Animation

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Android Programming

Description

1. Java Programming.
2. Mobile and Wireless Technologies.
3. Android Programming.
4. Database Concepts.

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Description

1. Python Programming.
2. Database Concepts & Data Collection.
3. Big Data Technologies.
4. Hadoop, Pig, and HIVE.

Description

1. R Programming.
2. Probability & Statistics with R .
3. Data Visualization - Analysis and Reporting.
4. Business Analytics

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Description

1. Database Concepts.
2. Database Technologies.
3. Database Administration.

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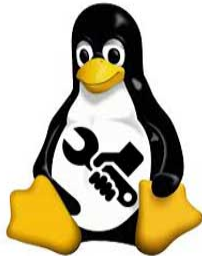
Internet of Things
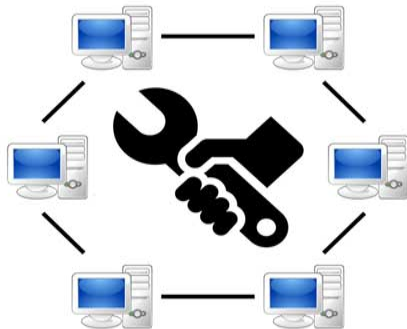
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Description

1. Computer Networking.
2. Network Defense and Countermeasures.
3. IT Infrastructure Management.

Description

1. Application Security.

2. Ethical Hacking.

3. Programming with Crypto API.

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Description

1. Fundamentals of Networking.
2. Linux Administration.
3. System Administration.

Description

1. Computer Networking.
2. Network Administration.
3. Network Defense and Countermeasures.

Description

1. Introduction to Networking.
2. Windows Server 2016.
3. Linux OS administration and configuration.

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Description

1. Software Development Life Cycle.
2. Software Testing – Manual.
3. Software Testing – Automation.

Certificate Course in Office Automation

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Description

1. Client Operating System (Windows 10, Ubuntu).
2. MS Office 2016
3. Database Concepts
4. Database Management using MS access

Description

1. Office Automation Tools.
2. Computer Fundamentals.
3. Communication using PC.
4. Overview of Networking.
5. Database Concepts and MS Access.