Welcome to Innovaskill Technologies

JAN SHIKSHAN SANSTHAN

Ministry of Skill Development & Entrepreneurship, Government of India

Scheme of Support to Jan Shikshan Sansthan(NGO's) for Skill Development

Jan Shikshan Sansthan

21 Days (3 Weeks)

Online Industrial Training on

Cloud Computing and

Mobile Communications (5G)

For college Faculties

For Registration:
https://forms.gle/PDod7DCSCs86JxuE7
Call: +91 7639194973 or Email: info@innovaskill.com

www.innovaskill.in

Innovaskill Technologies is an ISO certified (ISO 9001:2015 & ISO 29993:2017) training & development company.

Innovaskill Technologies is a global training company which provides tailor-fit courses to suit individual customer's requirement with our Industry Ready Learning Management System. Our training and development programs will help you to learn and acquire new skills, as well as gain the professional knowledge required to progress in your career.

We offer a vast array of practical & job-oriented domain specific courses, be IT software development, Electronic Design Automation, Industrial Automation, Information & Network Security, Mechanical & Civil Design, Solar Installation, Digital Marketing and many more Professional courses which are specifically designed to suit the needs of the industry and also helps you to become an entrepreneur.

Our Technologies

- Innovaskill Technologies provides training in various fields such as
- Electronic Design Automation
- Industrial Automation
- Information Security
- Software Development
- Special Programming
- And other value-added training

Our Services:

- All Web Development Programs
- Vulnerability Assessment
- Web Application Penetration Testing
- Mobile Application Penetration Testing
- Network Penetration Testing
- PLC Control Panel & PLC/VFD Commissioning

www.innovaskill.in

Why opt Innovaskill?

- 100% Knowledge Guarantee
- 100% Practical Training
- Career Guidance & Support
- Get Trained From Industry Experts
- Available both online and offline training
- A recorded version of the daily session will be shared

Industrial Training Details

Training Duration: 21 Days (3 Weeks) – One Hour Per Day

Target Audience: All College Faculties in India.

Program Type: **21 Days (3 Weeks) Industrial Training for College Faculties.**

Training Mode: Online - Zoom.

Hands On: Hands-on is included.

Training Cost : Rs.7500/- inclusive of GST

Start Date: 08.12.2021

End Date: 30.12.2021

Registration Method & Link: Online- https://forms.gle/PDod7DCSCs86JxuE7
(After registration, Payment Link & Training Participant acknowledge details will send thru mail)

Certificate: JAN SHIKSHAN SANSTHAN (Govt.Of India) and Innovaskill Certified Industrial Training Certificate

Who can attend?

- Professors

- Head of the Departments - HoDs

- Principals

- Associate/Assistant Professor

- Lectures/ Ph.D. Scholars

- CAS – Career Advancement Scheme Industrial Training Aspirants

- Professionals or Job Seekers who want to up-skill in Cloud & Networking

Prerequisites:

Laptop/Desktop.

Training Outcome:

Upon the successful completion of Industrial Training;

- You can be in trend with the latest technology and its tools in Cloud Computing.

- You can review research articles from well-known journals and conference proceedings regarding the theories and applications of Cloud Computing.

- You can carry out a research project and write a research proposal, report and paper on this domain.

Value Additions:

- JAN SHIKSHAN SANSTHAN-INNOVASKILL Certificate.

- After the live session, you will get access to that recorded sessions also.

- You will be eligible to attend the premium webinars organized by Innovaskill.

- You can get regular updates on Cloud Computing and Mobile Communications trends.

- Industry Expert Connects.

- Your college students can avail internships with us.

- Your college students can get project supports from us.

Module1: Cloud Computing

AWS Cloud Computing

- Introduction to Networking and Servers, Introduction to cloud computing

- AWS - AWS Definitions, AWS Services, Introduction to Console access and CLI access.

- EC2 Introduction- Instance Lifecycle, Reserved Instances, On Demand Instances, Description about AMI and Types.
    - LAB- EC2 Instance Creation (Linux)

- Installation of web services in AWS EC2, Introduction about Lambda Service
    - LAB- EC2 Instance Creation (Windows)

- Amazon EBS – Storage levels, Configuration for creating volume
    - LAB- EBS

- Snapshots & its configuration, mounting the volumes.
    - LAB- EBS Snapshot

- Amazon Simple Storage Service- S3 Storage Elements, Data Consistency model, S3 Storage classes, S3 Operation.
    - LAB- S3 Bucket Creation and Uploading Objects

- S3 Namespace structure, Protecting data in Amazon S3, Bucket properties, Access control, Cross region replication, REST And SOAP Interfaces, Multipart Upload.
    - LAB- S3 Bucket Properties

- Amazon Glacier
    - LAB- Vault Creation and uploading objects

- Amazon CloudWatch
    - LAB- Cloud Watch and Alarm

- Elastic Load Balancer
    - LAB-ELB

- Auto Scaling, Scaling based on policy configuration.
    - LAB- Autoscaling

- Amazon VPC, VPC Architecture
  - LAB- VPC Architecture (Public)
- VPC Security
  - LAB- VPC Architecture (Public and Private)
- Route 53
  - LAB- Route53 configurations
- Identity & Access Management (IAM)
  - LAB-IAM Configuration
- Relational Database Service – RDS
  - LAB- Working with Mysql and PostgreSql
- Redshift- Clusters and Nodes, Loading and Querying Data.
  - LAB- Redshift configuration
- DynamoDB – Data Model, Scaling and Partitioning, DynamoDB Streams.
  - LAB- DynamoDB Configuration
- Amazon Web services –CloudFront, Cloud trail, SES, Import/export, Cloud formation, Direct connect.
  - LAB- CloudFront and SES
- Storage gateway, Opsworks, Elastic beanstalk, Elastic Cache.
  - LAB- Elastic Cache
- SQS - Delay Queues and Visibility Timeouts, Long Polling, Dead Letter Queues.
  - LAB- SQS
- SWF – Workflows, Task Lists , Workflow Execution Closure, Lifecycle of a Workflow Execution.
  - LAB- SWF Configuration
- SNS - Common Amazon SNS Scenarios.
  - LAB- SNS Configuration
- ElasticCache - Cache Engines, Memcached and Redis.
  - LAB- ElasticCache Configuration
- Cloud Architecture & Design, Architecture Best Practice.

- Security on AWS - Global Infrastructure Security, Account Security Features, Service-Specific Security
- AWS Risk and Compliance and Case Study

Module2: Cyber Security

- Introduction to cyber security
- Virtualization Technology
- Operating Systems used by Hackers
- Social Engineering
- Types of Social Engineering
- Phishing Attack
- Malware and Types of Malware
- Hacking Devices

Module3: 5G Technology

- Who invented 5G?
- What underlying technologies make up 5G?
- What are the differences between the previous generations of mobile networks and 5G?
- How is 5G better than 4G?
- How and when will 5G affect the global economy?
- How will 5G affect me?
- Where is 5G being used?
- How do consumers use 5G?
- How do businesses use 5G?
- How do cities use 5G?
- How fast is 5G?
- How does 5G work?
- Does 5G change my home internet service?
- Is 5G available now?
- When will 5G be available to more people?
- Do I need a new phone if I want 5G?

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Scheme of Support to Jan Shikshan Sansthan(NGO's) for Skill Development

Jan Shikshan Sansthan

Government of India

Ministry of Skill Development & Entrepreneurship

Government Certified Industrial Training on Cloud Computing & Mobile Communications

Govt of India Shall issue Industry Recognised Certificate Upon Your Course Completion

Who can Attend:

*Working Professionals   *Entrepreneurs   *Students   *Freshers
*Job Seekers   *Graduates (EEE,ECE,EIE,CSE,IT,MCA)

Course Duration: 3Weeks Online Training   Time: 6.30pm-7.30pm
Date:08-12-2021 to 30-12-2021 (Monday-Saturday)

Course Content From Industry Experts:

Introduction to Cloud Computing, Networking and Servers, Amazon Web Services (AWS) - AWS
Definitions & Services, EC2 Introduction, Amazon EBS & its configuration, Amazon Simple Storage
Service, Amazon Glacier, CloudWatch, Amazon VPC, VPC Architecture and Security, IAM,
Relational Database Service, SQS, SWF, SNS, Cloud Architecture & Design, AWS Risk & Compliance
and Case Study, Introduction to cyber security, Virtualization Technology, Phishing Attack,
Malware & Its Types, Hacking Devices, Introduction to Mobile Communications, 5G Technology,
5G affect the global economy, Where is 5G being used and When 5G be available to more people.

Fees: 7,500/-(Inc GST)

Fees To Be Paid Through Online to Innovaskill Technologies Pvt Ltd.
Account Number: 029705006344 IFSC CODE: ICIC0000297
Mobile: 7639194973, 9095065071 (GPAY,PhonePe,PayTM)

Registration Link:
https://forms.gle/PDod7DCSCs86JxuE7

For Details: **Innovaskill Technologies Private Limited**
No 47, 1St Floor, 100 Feet Ring Road, Vysya Banak Colony, BTM Layout 2Nd Stage, Bangalore – 560076
+91 7639194973 +91 9095065071, Email: info@innovaskill.in

Document Required: 1 Passport size photo, Aadhar Card Xerox,Laptop/Desktop

www.innovaskill.in

JAN SHIKSHAN SANSTHAN-INNOVASKILL SAMPLE

CERTIFICATE:

INNOVA SKILL SAMPLE CERTIFICATE:

innovaskill
EXCELLENCE IN SKILLING

INNOVASKILL TECHNOLOGIES PRIVATE LIMITED (ITPL)

CONNECTING RESEARCH WITH PRACTICE

Certificate of Completion

18th February 2021

This is to certify that **Ravi S** has successfully completed the

MASTER PROGRAM IN AUTOMATION ENGINEER

PLC: KEYENCE | OMRON | AB | ABB | SIEMENS | MITSUBISHI | DELTA | HONEYWELL | SCHNEIDER, SCADA, HMI, VFD

at ITPL from **13th January 2021 to 18th February 2021.**

We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get into the depth of the subject to understand it better.

His association with us was very fruitful and we wish him all the best in his future endeavours.

Certificate Number: ITPLM003-2021-008

Authorized Signatory

(RAVI S)

Registered

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Vysya Bank Colony, BTM Layout 2nd Stage,
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