A Seminar Vocational Training Report
On

" Oracle Cloud Infrastructure : Foundations 2020 Certified Associate "

Submitted in partial fulfilment of the requirement for the award of Degree of

Bachelors of Technology
In
Computer Science And Engineering

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SCHOOL OF STUDIES ENGINEERING AND TECHNOLOGY,
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR, CHHATTISGARH
(A CENTRAL UNIVERSITY)

July 2020

Under the Guidance of

Mr. Rohit Rahi
(Senior Director, Oracle Cloud Infrastructure Team,
Oracle Corporation)

Submitted by

Aniket Kumar Kaushik (17103223)

(Computer Science & Engineering, 7th Semester)

COMPANY PROFILE

Oracle Corporation Mission :

" Oracle's mission is to help people see data in new ways, discover insights, unlock endless possibilities."

Oracle Corporation is an American multinational computer technology corporation headquartered in Redwood Shores, California. The company sells database software and technology, cloud engineered systems, and enterprise software products particularly its own brands of database management systems. In 2019, Oracle was the second-largest software company by revenue and market capitalization.

The company also develops and builds tools for database development and systems of middle-tier software, enterprise resource planning (ERP) software, Human Capital Management (HCM) software, customer relationship management (CRM) software, and supply chain management (SCM) software.

Website : https://www.oracle.com/in/index.html
https://education.oracle.com/

CERTIFICATE

ORACLE
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CERTIFICATE OF RECOGNITION

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Aniket Kumar Kaushik

Oracle Cloud Infrastructure Foundations 2020 Certified Associate

THIS CERTIFIES THAT ABOVE NAMED IS
RECOGNIZED BY ORACLE CORPORATION AS AN
ORACLE CERTIFIED ASSOCIATE.

July 08, 2020

DATE

DAMIEN CAREY
SENIOR VICE PRESIDENT, ORACLE UNIVERSITY

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DECLARATION

I hereby declare that all the work presented in this report in the partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in Computer Science & Engineering, Institute of Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur, Chhattisgarh, India is an authentic record of the work done during the vocational training under Oracle University, Oracle Corporation.

Aniket Kumar Kaushik
(17103223)

ACKNOWLEDGMENT

Oracle Corporation is a well known Enterprise grade Service provider, The company sells database software and technology, cloud engineered systems, and enterprise software & Services such as enterprise resource planning (ERP) software, Human Capital Management (HCM) software, customer relationship management (CRM) software, and supply chain management (SCM) software, etc.

I would like to express my sincere gratitude to **Mr. Rohit Rahi,** Senior Director, technical enablement and solution architecture, Oracle Cloud Infrastructure Team, Oracle Corporation, Greater Seattle Area, USA for his stimulating guidance and supervision throughout the Oracle Cloud Infrastructure Foundations 2020 Certified Associate course.

Aniket Kumar Kaushik
(17103223)

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1. CLOUD COMPUTING

What is Cloud Computing

In Simple Words Cloud Computing :

- Delivery of computing services
- Servers, storage, databases, networking, software, analytics, and intelligence. Over the Internet.
- Offer faster innovation, flexible resources, and economies of scale.
- Pay only for cloud services you use.
- lower operating costs, run infrastructure more efficiently, and scale as your business needs change.

Definition of Cloud Computing by National Institute of Standard Technology - given in 2011.

- **On-Demand-Self-Service**
  Provision computing capabilities as needed automatically without requiring human interaction with service providers.
- **Broad Network Access**
  Capabilities are available over the network and access through standard mechanism
- **Resource Pooling**
  Computing resources are pooled to serve multiple consumers using a multi tenant model.
- **Rapid Elasticity**
  Capabilities can be automatically provisioned and released. In some cases automatically,, to scale rapidly outward and inward with demand.
- **Measured Services**
  Resource usage can be monitored, controlled, and reported providing transparency for both provider and Consumer.

Cloud Service Models

- **IaaS (Infrastructure as a Service)**
  - ➜ Infrastructure as a Service (IaaS) is the most basic category of cloud computing services.
  - ➜ With IaaS, you rent IT infrastructure servers and virtual machines (VMs), storage, networks, and operating systems from a cloud provider on a pay-as-you-go basis.
  - ➜ It's an instant computing infrastructure, provisioned and managed over the internet.

- **PaaS (Platform as a Service)**
  - ➜ Platform as a Service (PaaS) provides an environment for building, testing, and deploying software applications.
  - ➜ The goal of PaaS is to help create an application as quickly as possible without having to worry about managing the underlying infrastructure. For example, when deploying a web application using PaaS, you don't have to install an operating system, web server, or even system updates.
  - ➜ PaaS is a complete development and deployment environment in the cloud, with resources that enable organizations to deliver everything from simple cloud-based apps to sophisticated cloud-enabled enterprise applications.
  - ➜ Resources are purchased from a cloud service provider on a pay-as-you-go basis and accessed over a secure Internet connection.

- **SaaS (Software as a Service)**
  - ➜ Software as a Service (SaaS) is software that is centrally hosted and managed for the end customer.
  - ➜ It allows users to connect to and use cloud-based apps over the internet. Common examples are email, calendars, and office tools such as Oracle CRM, Oracle ERP.
  - ➜ SaaS is typically licensed through a monthly or annual subscription, and Oracle CRM is an example of SaaS software

Cloud Terminology

a. **High availability.**

The ability to keep services up and running for long periods of time, with very little downtime, depending on the service in question.

b. **Scalability.**

The ability to increase or decrease resources for any given workload. You can add additional resources to service a workload (known as scaling out), or add additional capabilities to manage an increase in demand to the existing resource (known as scaling up). Scalability doesn't have to be done automatically.

c. **Elasticity.**

The ability to automatically or dynamically increase or decrease resources as needed. Elastic resources match the current needs, and resources are added or removed automatically to meet future needs when it's needed (and from the most advantageous geographic location). A distinction between scalability and elasticity is that elasticity is done automatically.

d. **Agility.**

The ability to react quickly. Cloud services can allocate and deallocate resources quickly. They are provided on-demand via self-service, so vast amounts of computing resources can be provisioned in minutes. There is no manual intervention in provisioning or deprovisioning services.

e. **Fault tolerance.**

The ability to remain up and running even in the event of a component (or service) no longer functioning. Typically, redundancy is built into cloud services architecture, so if one component fails, a backup component takes its place. This type of service is said to be tolerant of faults.

f. **Disaster recovery.**
    The ability to recover from an event which has taken down a cloud service. Cloud services disaster recovery can happen very quickly, with automation and services being readily available to use.

g. **Global reach.**
    The ability to reach audiences around the globe. Cloud services can have a presence in various regions across the globe, which you and your customer can access, giving you a presence in those regions even though you may not have any infrastructure in that region.

h. **Predictive cost considerations.**
    The ability for users to predict the costs they will incur for a particular cloud service. Costs for individual services are made available, and tools are provided to allow you to predict the costs a service will incur. You can also perform analysis based on planned growth.

i. **Security. Cloud**
    providers offer a broad set of policies, technologies, controls, and expert technology skills that can provide better security than most organizations can otherwise achieve. The result is strengthened security, which helps to protect data, apps, and infrastructure from potential threats.

Economies of Scale.

- The concept of economies of scale is the ability to reduce costs and gain efficiency when operating at a larger scale in comparison to operating at a smaller scale.
- Cloud providers such as Oracle, Microsoft, Google, and Amazon are large businesses, and are able to leverage the benefits of economies of scale, and then pass those benefits on to their customers.

- This is apparent to end users in a number of ways, one of which is the ability to acquire hardware at a lower cost than if a single user or smaller business were purchasing it.
- Storage costs, for example, have decreased significantly over the last decade due in part to cloud providers' ability to purchase larger amounts of storage at significant discounts. They are then able to use that storage more efficiently and pass on those benefits to end users in the form of lower prices.

CapEx vs OpEx

There are two approaches to investment, commonly referred to as:

- **Capital Expenditure (CapEx):**
  This is the upfront spending of money on physical infrastructure, and then deducting that up front expense over time. The up front cost from CapEx has a value that reduces over time.
- **Operational Expenditure (OpEx):**
  This is spending money on services or products now and being billed for them now. You can deduct this expense in the same year you spend it. There is no upfront cost, as you pay for a service or product as you use it.

2. CLOUD ARCHITECTURE

A. GEOGRAPHIES

➜ Oracle divides the world into geographies that are defined by geopolitical boundaries or country borders.

➜ An Oracle geography is a discrete market typically containing two or more regions that preserves data residency and compliance boundaries.

➜ This division has several benefits.

- Geographies allow customers with specific data residency and compliance needs to keep their data and applications close.

- Geographies ensure that data residency, sovereignty, compliance, and resiliency requirements are honored within geographical boundaries.

- Geographies are fault-tolerant to withstand complete region failure through their connection to dedicated high-capacity networking infrastructure.

B. REGIONS

➜ Oracle is made up of data centers located around the globe. These data centers are organized and made available to end users by region. A region is a geographical area on the planet containing at least one, but potentially multiple datacenters that are in close proximity and networked together with a low-latency network. Oracle intelligently assigns and controls the resources within each region to ensure workloads are appropriately balanced.

➜ A few examples of regions are West US, Canada Central, West Europe, Australia East, and Japan West. At the time of writing this, Oracle is generally available in 60 regions and available in 140 countries.

➔ Things to know about regions
  ● Oracle has more global regions than any other cloud provider.
  ● Regions provide customers the flexibility and scale needed to bring applications closer to their users.
  ● Regions preserve data residency and offer comprehensive compliance and resiliency options for customers.
  ● For most Oracle services, when you deploy a resource in Oracle , you choose the region where you want your resource to be deployed. Important

C. AVAILABILITY DOMAIN

➔ You want to ensure your services and data are redundant so you can protect your information in case of failure. When you are hosting your infrastructure, this requires creating duplicate hardware environments. Oracle can help make your app highly available through Availability Zones.

➔ Availability zones are physically separate locations within an Oracle region that use availability sets to provide additional fault tolerance.

➔ Availability Zone features
  ● Each availability zone is an isolation boundary containing one or more data centers equipped with independent power, cooling, and networking.
  ● If one availability zone goes down, the other continues working.
  ● The availability zones are typically connected to each other through very fast, private fiber-optic networks. Availability zones allow customers to run mission-critical applications with high availability and low-latency replication.

- Availability zones are offered as a service within Oracle, and to ensure resiliency, there's a minimum of three separate zones in all enabled regions.

D. FAULT DOMAIN

➔ Fault domains provide for the physical separation of your workload across different hardware in the datacenter. This includes power, cooling, and network hardware that supports the physical servers located in server racks. In the event the hardware that supports a server rack becomes unavailable, only that rack of servers would be affected by the outage.
➔ Each Availability Domain consist of 3 Fault domains

3. CLOUD COMPUTING SERVICES

The goal of cloud computing is to make running a business easier and more efficient, whether it's a small start-up or a large enterprise. Every business is unique and has different needs. To meet those needs, cloud computing providers offer a wide range of services.

You need to have a basic understanding of some of the services it provides. Let's briefly discuss the two most common services that all cloud providers offer – compute power and storage.

A. COMPUTE POWER
a. Virtual Machines

- When you build solutions using cloud computing, you can choose how you want work to be done based on your resources and needs.
- For example, if you want to have more control and responsibility over maintenance, you could create a virtual machine (VM). A VM is an emulation of a computer - just like your desktop or laptop you're using now.
- Each VM includes an operating system and hardware that appears to the user like a physical computer running Windows or Linux.
- You can then install whatever software you need to do the tasks you want to run in the cloud.
- The difference is that you don't have to buy any of the hardware or install the OS. The cloud provider runs your virtual machine on a physical server in one of their data centers - often sharing that server with other VMs (isolated and secure). With the cloud, you can have a VM ready to go in minutes at less cost than a physical computer.

b. Containers

Containers provide a consistent, isolated execution environment for applications. They're similar to VMs except they don't require a guest operating system. Instead, the application and all its dependencies is packaged into a "container" and then a standard runtime environment is used to execute the app. This allows the container to start up in just a few seconds, because there's no OS to boot and initialize. You only need the app to launch. The open-source project, Docker, is one of the leading platforms for managing containers. Docker containers provide an efficient, lightweight approach to application deployment because they allow different components of the application to be deployed independently into different containers. Multiple containers can be run on a single machine, and containers can be moved between machines. The portability of the container makes it easy for applications to be deployed in multiple environments, either on-premises or in the cloud, often with no changes to the application.

c. Serverless

Serverless computing lets you run application code without creating, configuring, or maintaining a server. The core idea is that your application is broken into separate functions that run when triggered by some action. This is ideal for automated tasks - for example, you can build a serverless process that automatically sends an email confirmation after a customer makes an online purchase. The serverless model differs from VMs and containers in that you only pay for the processing time used by each function as it executes. VMs and containers are charged while they're running - even if the applications on them are idle.

B. STORAGE

Most devices and applications read and/or write data.

Here are some examples:

- Buying a movie ticket online
- Looking up the price of an online item
- Taking a picture
- Sending an email
- Leaving a voicemail

➔ In all of these cases, data is either read (looking up a price) or written (taking a picture). The type of data and how it's stored can be different in each of these cases.

➔ providers typically offer services that can handle all of these types of data. For example, if you wanted to store text or a movie clip, you could use a file on disk. If you had a set of relationships such as an address book, you could take a more structured approach like using a database.

➔ The advantage to using cloud-based data storage is you can scale to meet your needs. If you find that you need more space to store your movie clips, you can pay a little more and add to your available space. In some cases, the storage can even expand and contract automatically - so you pay for exactly what you need at any given point in time.

4. CLOUD NETWORK & SECURITY

A. VIRTUAL NETWORK

- A virtual network is a logically isolated network on Oracle. Oracle virtual networks will be familiar to you if you've set up networks on Hyper-V, VMware, or even on other public clouds. A virtual network allows Oracle resources to securely communicate with each other, the internet, and on-premises networks. A virtual network is scoped to a single region; however, multiple virtual networks from different regions can be connected together using virtual network peering.
- Virtual networks can be segmented into one or more subnets. Subnets help you organize and secure your resources in discrete sections. The web, application, and data tiers each have a single VM. All three VMs are in the same virtual network but are in separate subnets.
- Users interact with the web tier directly, so that VM has a public IP address along with a private IP address. Users don't interact with the application or data tiers, so these VMs each have a private IP address only.
- You can also keep your service or data tiers in your on-premises network, placing your web tier into the cloud, but keeping tight control over other aspects of your application. A VPN gateway (or virtual network gateway), enables this scenario. It can provide a secure connection between an Oracle Virtual Network and an on-premises location over the internet.
- Oracle manages the physical hardware for you. You configure virtual networks and gateways through software, which enables you to treat a virtual network just like your own network. You choose which networks your virtual network can reach, whether that's the public internet or other networks in the private IP address space.

B. FIREWALLS

- A Firewall is a service that grants server access based on the originating IP address of each request. You create firewall rules that specify ranges of IP addresses. Only clients from these granted IP addresses will be allowed to access the server. Firewall rules also include specific network protocol and port information.

C. NETWORK SECURITY GROUPS

- Oracle network security group, or NSG, allows or denies inbound network traffic to your oracle resources. Think of a network security group as a cloud-level firewall for your network.
- For example, notice that the VM in the web tier allows inbound traffic on ports 22 (SSH) and 80 (HTTP). This VM's network security group allows inbound traffic over these ports from all sources. You can configure a network security group to accept traffic only from known sources, such as IP addresses that you trust.

5. CLOUD MODELS

A. PUBLIC CLOUD

➜ A public cloud is owned by the cloud services provider (also known as a hosting provider). It provides resources and services to multiple organizations and users, who connect to the cloud service via a secure network connection, typically over the internet.

➜ Public cloud models have the following characteristics:

- Ownership - Ownership refers to the resources that an organization or end user uses. Examples include storage and processing power. Resources do not belong to the organization that is utilizing them, but rather they are owned and operated by a third party, such as the cloud service provider.
- Multiple end users - Public cloud modes may make their resources available to multiple organizations.
- Public access - Public access allows the public to access the desired cloud services.
- Availability - Public cloud is the most common cloud-type deployment model.
- Connectivity - Users and organizations are typically connected to the public cloud over the internet using a web browser.
- Skills - Public clouds do not require deep technical knowledge to set up and use its resources.

B. PRIVATE CLOUD

➜ A private cloud is owned and operated by the organization that uses the resources from that cloud. They create a cloud environment in their own datacenter and provide self-service access to compute resources to users within their organization.

The organization remains the owner, entirely responsible for the operation of the services they provide.

➔ Private cloud models have the following characteristics:
  ● Ownership. The owner and user of the cloud services are the same.
  ● Hardware. The owner is entirely responsible for the purchase, maintenance, and management of the cloud hardware.
  ● Users. A private cloud operates only within one organization and cloud computing resources are used exclusively by a single business or organization.
  ● Connectivity. A connection to a private cloud is typically made over a private network that is highly secure.
  ● Public access. Does not provide access to the public.
  ● Skills. Requires deep technical knowledge to set up, manage, and maintain.

C. HYBRID CLOUD

➔ A hybrid cloud combines both public and private clouds, allowing you to run your applications in the most appropriate location.
➔ Hybrid cloud models have the following characteristics:
  ● Resource location. Specific resources run or are used in a public cloud, and others run or are used in a private cloud.
  ● Cost and efficiency. Hybrid cloud models allow an organization to leverage some of the benefits of cost, efficiency, and scale that are available with a public cloud model.
  ● Control. Organizations retain management control in private clouds.
  ● Skills. Technical skills are still required.

6. CONCLUSION

1. Oracle Cloud Infrastructure Fundamental Associate gives the basics knowledge about the tools and service offered by Oracle as a cloud provider.
2. Effectively using Oracle Cloud Infrastructure Services requires your fundamental understanding of the core concepts and terminologies of a cloud platform.
3. Overall this course helps us understand Cloud concepts, Getting started with Oracle Cloud Infrastructure, Core Oracle Cloud Infrastructure services, Security and compliance, Oracle Cloud Infrastructure pricing, support, and operations.
4. This course can be considered as a stepping stone for understanding advanced oracle cloud infrastructure concepts and professional architect courses..

7. REFERENCE

1. **https://docs.oracle.com/en/cloud/**
2. **https://www.youtube.com/oracle/**
3. **https://education.oracle.com/**
4. **https://docs.microsoft.com/en-us/azure/?product=featured**

To whomsoever it may concern,   18ᵗʰ, August 2020

This is to certify that Mr. Ankit Deb has successfully completed his internship with us from June 15, 2020 to August 14, 2020.

During his tenure, Ankit was working on a project LinkedUs - connecting persons with disabilities with potential employers. He learned different skills such as:

- Communication skills
- Node JS
- Firebase
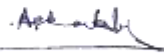
Languages used: JavaScript
Database management system: Firebase (NoSQL database)
Frameworks used: Express (NodeJS)

It was a pleasure having Ankit as a part of our team. We wish him the best in his future endeavors.

 For Kapslock.in,

For Kapslock.in

R-proprietor

Ankur Kankonkar
Co-Founder & CEO
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Google Digital Garage

Ankit Pandey

is hereby awarded this certificate of achievement for the successful completion of **The Fundamentals of Digital Marketing** certification exam on **09/06/2020**

Matt Britti

President – Google EMEA

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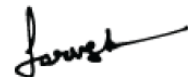
Townsend Pamela Feehan

CEO – IAB Europe

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Certificate of Training

Ankit YADAV

from **Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)** has successfully completed a eight weeks online training on **Android App Development**. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules. In the final assessment, Ankit scored 83% marks. We wish Ankit all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

INTERNSHALA TRAININGS

CERTIFICATE OF TRAINING

Machine Learning

ANKITA KUMARI from **Guru Ghasidas Vishwavidyalaya** has successfully undergone a six weeks online training on Machine Learning. The training program consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules and lasted for six weeks from 7th February, 2020 to 20th March, 2020.

We wish ANKITA all the best for future endeavours.

Sarvesh Agrawal

Founder & CEO

Date of certification: 2020-04-08

Certificate Number : D626E4FC-3F6B-C36C-F79C-845F3C4A67D2

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Anurag Tripathi

is hereby awarded this certificate of achievement for the successful
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on 05/09/2020

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Indian Institute of Technology Kharagpur**

INTERNSHIP CERTIFICATE

This is to certify that

AYUSH AGRAWAL

of Institute of Technology, Guru Ghasidas Vishwavidyalaya

has successfully completed an internship during

09th June – 09th August, 2020

in an R&D project at

SensorDrops Networks Pvt. Ltd.

28 Aug, 2020
_____
Date
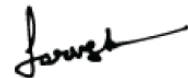
_____
Director

INTERNSHALA TRAININGS

Certificate of Training

Thokala Bhagya Lakshmi,

student of Guru Ghasidas Vishwavidyalaya, has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Date Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules. We wish Thokala all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
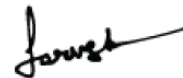
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Certificate of Training

BRIRAM SINGH

from **Guru Ghasidas University** has successfully completed a six weeks online training on **Machine Learning** from 1st June, 2020 to 13th July, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. We wish BRIRAM all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
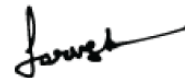
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Certificate of Training

Chandni Kumari

from **Guru Ghashi Das Vishwavidyalaya** has successfully completed a six weeks online training on **Machine Learning** from 6th May, 2020 to 17th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. We wish Chandni all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
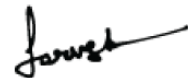
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INTERNSHALA TRAININGS

Certificate of Training

DEVARAKONDA DINESH,

student of Guru Ghasidas Vishwavidyalaya, has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Date Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules. We wish DEVARAKONDA all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
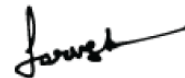
INTERNSHALA TRAININGS

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Divya Saini,

student of Guru Ghasidas Vishwavidyalaya, has successfully completed a eight weeks online training on **Ethical Hacking**. In the training, Divya learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities. Divya scored 100% marks in the final assessment and is a top performer in the training. We wish Divya all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
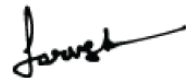
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Drishti Diwesh

from **Guru Ghasidas Vishwavidyalaya** has successfully completed a six weeks online training on **Ethical Hacking** from 6th May, 2020 to 17th June, 2020. In the training, Drishti learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities. We wish Drishti all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala
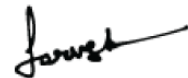
INTERNSHALA TRAININGS

Certificate of Training

Gayathri Dasari,

student of Guru Ghasidas Vishwavidyalaya, has successfully completed a six weeks online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT and Application of Python in Various Disciplines modules. In the final assessment, Gayathri scored 82% marks. We wish Gayathri all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

INTERNSHALA TRAININGS

Certificate of Training

Gunja

from **Guru Ghasidas Vishwavidyalaya** has successfully completed a six weeks online training on **Machine Learning** from 6th May, 2020 to 17th June, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Gunja scored 100% marks in the final assessment and is a top performer in the training. We wish Gunja all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद
Indian Institute of Information Technology, Allahabad
An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211015 (U.P.) INDIA

प्रज्ञानम् ब्रह्म

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

F.NO: IIIT-A/INT/IT/2020/S:-17   Dated 16/07/2020

To whom it may concern

This is to certify that **Kata tanej kumar** s/o **Shri K. Satyanarayana** from Guru ghasidas university, has successfully completed summer internship program on the topic of **"Trajectory learning for stable bipedal walking Robots using sequential network"** from 16.05.2020 to 16.07.2020 at the Department of Information Technology, Indian Institute Of Information Technology Allahabad, Prayagraj under the supervision of Prof. G.C. Nandi.

The performance of the candidates has been Poor/Average/Satisfactory/Very Good/Excellent during the Internship.

We wish him all the best for his future endeavors.
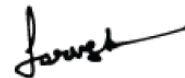

Supervisor   Faculty-Incharge-Internship

Faculty Incharge (Internship)
Indian Institute of Information Technology Allahabad
Deoghat, Jhalwa, Prayagraj-211015 (UP) INDIA

INTERNSHALA TRAININGS

Certificate of Training

KHEMANT,

student of Guru Ghasidas University, has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Date Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules. In the final assessment, KHEMANT scored 59% marks. We wish KHEMANT all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

CODING BLOCKS

Code Your Way To Success

CERTIFICATE OF COMPLETION

This certificate is proudly presented to

Kunal Malghani

for successfully completing the
Java Crux Live Classroom course.
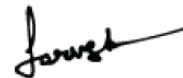
Apr 2020 - Sep 2020

_____

Date

_____

Manmohan Gupta (Founder, Coding Blocks)

INTERNSHALA TRAININGS

Certificate of Training

SAI SUNAMDHA HARINHI MADDULA

from **Guru Ghasidas Vishwavidyalaya** has successfully completed a six weeks online training on **Machine Learning** from 24th May, 2020 to 5th July, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. In the final assessment, SAI SUNAMDHA HARINHI scored 78% marks. We wish SAI SUNAMDHA HARINHI all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Certificate of Training

Manisha Kumari

from **Institute Of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur** has successfully completed a six weeks online training on **Machine Learning** from 29th May, 2020 to 10th July, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Manisha scored 99% marks in the final assessment and is a top performer in the training. We wish Manisha all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

INTERNSHALA TRAININGS

Certificate of Training

Md Talha

from **Guru Ghasidas University Bilaspur** has successfully completed a six weeks online training on **Machine Learning** from 1st June, 2020 to 13th July, 2020. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. We wish Md all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-08-06   Certificate no. : 7FB47F90-2401-C412-04B8-428160978F77
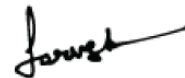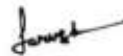
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

INTERNSHALA TRAININGS

Certificate of Training

Divyam Bajaj

from **School of Studies in Engineering and Technology, Guru Ghasidas University** has successfully
completed a eight weeks online training on **Android App Development**. The training consisted of
Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final
Project modules. Divyam scored 100% marks in the final assessment and is a top performer in the
training. We wish Divyam all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

INTERNSHALA TRAININGS

Certificate of Training

Hardik Gupta

from **School of Studies in Engineering and Technology, Guru Ghasidas Vishwavidyalaya** has successfully completed a eight weeks online training on **Android App Development**. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules. Hardik scored 100% marks in the final assessment and is a top performer in the training. We wish Hardik all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

ASPIREVISION TECH EDUCATION

ASPIREVISION TECH EDUCATION ASPIREVISION TECH EDUCATION ASPIREVISION TECH
VISION TECH EDUCATION ASPIREVISION TECH EDUCATION ASPIREVISION TECH EDU

Certificate of Achievement

This Certificate Accredits that **"Nisha Baghel"** has successfully completed
90 hrs Online Training on **"Python"** Technology.

Microsoft

AEP
Authorized Education
Partner Id : 4607980

Grade : A
ATE ID : ATE191603

Abhishek Singh Rathore
CEO, Aspirevision Tech Education

Naaniz Seller services Pvt ltd

Respected Placement company,

Sub: Recommendation letter during internship

Date : 24/6/2020

Respected Sir/Madam.

To whom it may concern We are delighted to announce that Mr. Ravi Prakash Pandey was selected for Internship with our organisation "Naaniz Seller services pvt ltd" registered office "12 Ravi Nagar , Indore, Madhya pradesh" , as " ML Developer ".

In starting days itself, he started showing great coding skills and became a core member of 13 " ML Developer " team. We found his really hardworking. Due to his commitment our product was ready and launched in just 30 days.

INTERNSHALA TRAININGS

CERTIFICATE OF EXCELLENCE

Android App Development
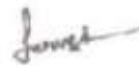
Sarika Verma has successfully undergone a eight weeks online summer training on Android App Development. The training program consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules and lasted for eight weeks from 1st June, 2020 to 27th July, 2020.

In the final assessment at the completion of the training program, Sarika scored 88% marks.

We wish Sarika all the best for future endeavours.

2020-08-06

Date of certification

Sarvesh Agrawal, Founder & CEO

Certificate Number : 6D39E6E9-8074-324A-033D-F492ADEA2E3A

For certificate authentication please visit https://trainings.internshala.com/verify_certificate

Page 3 / 44

INTERNSHALA TRAININGS

Certificate of Training

Sunil Kumar

from **Institute Of Technology Guru Ghasidas University ,Bilaspur(C.G)** has successfully completed a six weeks online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. Sunil scored 100% marks in the final assessment and is a top performer in the training. We wish Sunil all the best for the future.

Sarvesh Agrawal
Founder & CEO Internshala

Date of certification: 2020-08-14   Certificate no.: 5KGGC-4T5-3145-A20A-XP5-6C3EC231TC0I7

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

INTERNSHALA TRAININGS

Certificate of Training

Yash Sharma

from **Guru Ghasidas University** has successfully completed a six weeks online training on **Ethical Hacking** from 6th May, 2020 to 17th June, 2020. In the training, Yash learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities. We wish Yash all the best for the future.

Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-06-21   Certificate no.: 9CA68A4C-9107-E7E9-FC8A-A1F8E5E734B

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate of Completion

This is to certify that **Mitzi Maheshwari** successfully completed 20.5 total hours of **Web Development Masterclass - Complete Certificate Course** online course on Aug. 25, 2020

YouAccel Training

YouAccel Training, Instructor

&

Udemy

#BeAble

TO WHOM IT MAY CONCERN

It is our pleasure to write about **Mu Israil** who has worked with **Webvalley Technologies Pvt. Ltd.** On the position of **Android Developer** from   **15th may 2020** to **20th July 2020**.

During the aforementioned tenure of his work here, **Mu Israil** remained involved in his work with determination and sincerity. We found him active and competent in executing all assigned tasks. He is professionally sound, hard-working, and a devoted and motivated employee whose dedication in taking initiative and contribution for the realization of organizational goals and objectives has proven helpful in the advancement of our establishment repeatedly.

Moreover, **Mu Israil** conduct during his stay with us is exemplary. During his service period, he has been found sincere, reliable, trust worthy, sociable, pleasant, and open to challenges. He has a genial temperament and can efficiently work in and lead a team.

His decision to terminate his services with us is solely his own and we wish him all the best in his future endeavours.

Sincerely,

Sarwar saifi
(Admin)

WEBVALLEY TECHNOLOGIES PVT. LTD

LIST OF STUDENTS (MINOR PROJECT)

GURU GHASIDAS UNIVERSITY ,BILASPUR (CG)

	NAME OF EXAM:MCA VI			DEPARTMENT:CSIT

S.No.	ROLL NUMBER	ENROLLNO.	CANDIDATE NAME	Subject
1	17606233	GGV/17/5214	Abhishek kumar dadnich	Major project
2	17606233	GGV/17/5063	Pooja Dubey	Major project
3	17606268	GGV/17/5058	Ragini Chouhan	Major project
4	17606269	GGV/17/5074	Ranjeeta Sahu	Major project
5	18606001	GGV/18/5103	Archana	Major project
6	18606002	GGV/15/5091	Adarsh Sahu	Major project
7	18606003	GGV/18/5060	Ajay Kumar	Major project
8	18606004	GGV/18/5108	Ajay Kumar Tekam	Major project
9	18606005	GGV/18/5010	Akshay Kumar Tekam	Major project
10	18606008	GGV/18/5101	Anisha Kumari	Major project
11	18606011	GGV/18/5018	Barkha Gaherwal	Major project
12	18606013	GGV/18/5023	Dipali Gupta	Major project
13	18606016	GGV/18/5028	Indresh Kumar	Major project
14	18606017	GGV/15/5257	Jay Singh	Major project
15	18606018	GGV/18/5030	Jyoti Kashyap	Major project
16	18606019	GGV/18/5031	Kavita Pradhan	Major project
17	18606021	GGV/18/5035	Khileshwar Kumar	Major project
18	18606022	GGV/18/5036	Kirtan Lal	Major project
19	18606023	GGV/18/5037	Kishan Tamboli	Major project
20	18606024	GGV/18/5038	Kishor Kumar	Major project
21	18606025	GGV/18/5039	Komal Patel	Major project
22	18606026	GGV/18/5040	Kumari Divyavati	Major project
23	18606027	GGV/18/5041	Lilee Gupta	Major project
24	18606028	GGV/18/5043	Mamta Sahu	Major project
25	18606029	GGV/18/5045	Manoj Kumar Sahu	Major project
26	18606030	GGV/18/5051	Nalin Sahu	Major project
27	18606031	GGV/18/5046	Naredra Kumar	Major project
28	18606032	GGV/18/5056	Neha Tiwari	Major project
29	18606033	GGV/18/5049	Neha Vishwakarma	Major project
30	18606034	GGV/15/5050	Parimal Das	Major project
31	18606036	GGV/18/5056	Prashant Kesharwani	Major project
32	18606037	GGV/18/5172	Rakshanda Makhija	Major project
33	18606038	GGV/18/5061	Ramcharan	Major project
34	18606039	GGV/18/5062	Ranjeet Prajapati	Major project
35	18606040	GGV/18/5177	Renu Bakshi	Major project
36	18606041	GGV/15/5164	Rishi Patel	Major project
37	18606044	GGV/18/5067	Roshani	Major project
38	18606045	GGV/18/5190	Sangeeta Dhiwar	Major project
39	18606048	GGV/18/5193	Sashmita Mohanty	Major project
40	18606049	GGV/18/5069	Satya Dewangan	Major project
41	18606050	GGV/18/5070	Satya Prakash	Major project
42	18606051	GGV/18/5196	Shashank Karmakar	Major project
43	18606052	GGV/18/5198	Shikha Sayane	Major project
44	18606053	GGV/18/5071	Shubham Tiwari	Major project
45	18606055	GGV/18/5074	Tarun Kumar	Major project
46	18606056	GGV/18/5214	Vaishali Sharma	Major project
47	18606057	GGV/18/5078	Virendra Kumar	Major project
48	18606058	GGV/18/5218	Yamini Sahu	Major project
49	18606059	GGV/18/5219	Yaseera Khan	Major project
50	18606043	GGV/18/5065	Rohan Madhukar Wasnik	Major project

SUBJECTS	Major project
NO OF STUDENT	50

HEAD
DEPT OF CSIT
G.V. BILASPUR (C.G)

GURU GHASIDAS UNIVERSITY ,BILASPUR (CG)

				DEPARTMENT:CSIT	
	NAME OF EXAM:MSC IV			APPEARING TO SUBJECT	
S.No.	ROLL NO.	ENROLLNO.	CANDIDATE NAME	CATEGORY	Subject
1	19407701	GGV/16/5035	Aastha Dwivedi	GEN	Major project
2	19407702	GGV/16/5164	Akhilesh Kamal	SC	Major project
3	19407703	GGV/19/5167	Ambika Jaiswal	OBC	Major project
4	19407704	GGV/19/5223	Anjali Vaishnaw	OBC	Major project
5	19407705	GGV/16/5167	Bhupendra Kumar De	OBC	Major project
6	19407706	GGV/19/5031	Deepesh Kumar Dwiv	GEN	Major project
7	19407707	GGV/19/5040	Harish Kumar Dewan	OBC	Major project
8	19407708	GGV/16/5017	Kalpana Pali	OBC	Major project
9	19407709	GGV/16/5206	Kaushalya Patel	OBC	Major project
10	19407710	GGV/19/5158	Manisha Ratre	SC	Major project
11	19407711	GGV/16/5175	Mithalesh	OBC	Major project
12	19407712	GGV/19/5072	Monika Chouhan	SC	Major project
13	19407713	GGV/16/5176	Neelam Choudhary	OBC	Major project
14	19407714	GGV/19/5083	Neelima Tiwari	GEN	Major project
15	19407715	GGV/19/5096	Pratibha Dhiwar	GEN	Major project
16	19407716	GGV/16/5022	Ramkumar Kurrey	SC	Major project
17	19407717	GGV/16/5183	Ranjeet Kumar Rai	GEN	Major project
18	19407718	GGV/19/5118	Reena Khess	ST	Major project
19	19407719	GGV/19/5122	Riya Chandrakar	OBC	Major project
20	19407720	GGV/19/5127	Sanjana Ahire	SC	Major project
21	19407721	GGV/16/5185	Sapna Mahana	OBC	Major project
22	19407722	GGV/19/5130	Satyajeet	SC	Major project
23	19407723	GGV/19/5206	Shalini Sahu	OBC	Major project
24	19407724	GGV/16/5190	Siddhant Patel	OBC	Major project
25	19407726	GGV/19/5145	Suraj Dewangan	OBC	Major project
26	19407727	GGV/19/5149	Vaseem Husain	GEN	Major project
27	19407728	GGV/16/5202	Yogendra Sahu	OBC	Major project

subject	Major project
Total Student	27

HEAD
DEPT OF CSIT
G.G.V. BILASPUR (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University established by the Central Universities Act 2009 No.25 of 2009)

No. 1142 /Conf./20 21   Bilaspur, Dated   ⫽6 SEP 2021

From:

Controller of Examination
Guru Ghasidas Vishwavidyalaya
BILASPUR (C.G.)

CONFIDENTIAL

To,

Dr. Kalyanee Rath
AP (Biological Anthropology)
School of Anthropology
Gangadhar Meher University
SAMBALPUR, Odisha.

Sir/Madam,

1.   This is to inform you that you have been appointed External/Internal examiner to conduct/evaluate the practical /dissertation/project report and also to conduct viva voce examination in PG/UG IV Sem & Old VI Sem. Group A. for the year 2021 at Guru Ghasidas Vishwavidyalaya Bilaspur. Biological Anthropology

2.   The remuneration payable for valuation and conducting practical /viva voce are as under:

    (i)   Valuation of Dissertation   @ Rs.100/-for each dissertation
    (ii)   Dissertation& Viva of M.Phil, Exam.   @ Rs.150/- for each dissertation.
    (iii) Practical Exam.UG   @ Rs.12/- for each canddate Min..Rs. 400/-
    (iv)   Practical Exam.PG   @ Rs.15/- for each canddate Min..Rs. 400/-
    (v)   M.B.B.S. & B.D.S. Practical Exam.   400/- Per Day Per Examiner

    T.A. and D.A. will be paid for Conducting Viva-Voce examination. as per Vishwavidyalaya rules.

3.   No examiner shall be entitled to receive examination remuneration from the Vishwavidyalaya more than Rs. 30,000/- in a year (July to June) in case the remuneration exceed Rs. 30,000/- the excess amount will lapes to the Vishwavidyalaya.

4.   The invitation is issued on the following assumption :-
That no examiner has any relation of the following type appearing at this examination of the Vishwavidyalaya.

    Wife, Husbend, Son, Daughter,Grand Son, Grand Daughter, Brother,Sister, Nice, Nephew, Grand Nice, Grand Nephew, Uncle, Aunt, First Cousion, Son in law, Brother in law, and Sister in law.

5.   The report on the conduct of the examination is to be sent under your signatures only and should invariably be sent alongwith the renmuneration bill.

Yours faithfully

6/9/2021

ᑕ CONTROLLER OF EXAMINATIONS

Endt. No 1143 /Conf./2021   Bilaspur Dated   ⫽6 SEP 2021

Copy forwarded to: HoD Deptt. of Anthropology, GGV, Bilaspur.

1.

with a request to kindly contact with the external examiner for practical/Dissertation /project report viva-voce/exam. date.

INCHARGE CONFIDENTIAL

L.No. 2001
/Anthro/2021,   Dt.07.09.2021

Nilakantha Panigrahi, Ph.D
Associate Professor and Head,
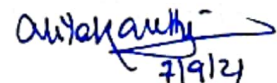nilakantha.panigrahi@gmail.com
9981860112 & 8249300592 (M)

To,

Dr.Kalyani Rath
Assistant Professor, (Biological Anthropology)
School of Anthropology
Gangadhar Meher University
Sambalpur, Odisha,
Ph.9437230371
Email-kalyanirath@gmail.com

Dear Sir,

It is my pleasure to inform you that our HVC has nominated you as the External Examiner in the **Group A: Biological Anthropology** to examine the PG dissertation of 09 students and 03 students of UG (Old). As discussed with you the date of the seminar presentation of the students will be on 13.09.2021 at 11am. The PDF version of the thesis will be sent to you in advance. The students will present their findings by power point presentations for evaluation followed by an interview. The details of the mark distribution and format will be supplied shortly. The remuneration for the assignment will be paid as per the university rule.

Looking for your kind cooperation.

With regards

(N.Panigrahi)
विभागाध्यक्ष/H.O.D.
मानव विज्ञान एवं जनजातीय विकास विभाग
Department of Anthropology & T.D.
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A Central University established by the Central Universities Act 2009 No.25 of 2009)

No. 1140/Conf./2021   Bilaspur, Dated　6 SEP 2021

From:

Controller of Examination
Guru Ghasidas Vishwavidyalaya
BILASPUR (C.G.)

CONFIDENTIAL

To,

Dr. Jitendra Prehu
Associate Professor (Social-Cultural Anthropology)
Department of Anthropology
Pt. RaviShankar Shukla University
RAIPUR (C.G.)

Sir/Madam,

1. This is to inform you that you have been appointed External/Internal examiner to conduct/evaluate the practical /dissertation/project report and also to conduct viva voce examination in M.G. IV Sem. Group B: Social-Cultural Anthropology for the year 2021 at Guru Ghasidas Vishwavidyalaya Bilaspur.

2. The remuneration payable for valuation and conducting practical / viva voce are as under :
    (i)   Valuation of Dissertation   @ Rs.100/-for each dissertation
    (ii) Dissertation& Viva of M.Phil, Exam.   @ Rs.150/- for each dissertation.
    (iii) Practical Exam.UG   @ Rs.12/- for each canddate Min..Rs. 400/-
    (iv) Practical Exam.PG   @ Rs.15/- for each canddate Min..Rs. 400/-
    (v)   M.B.B.S. & B.D.S. Practical Exam.   400/- Per Day Per Examiner

    T.A. and D.A. will be paid for Conducting Viva-Voce examination. as per Vishwavidyalaya rules.

3. No examiner shall be entitled to receive examination remuneration from the Vishwavidyalaya more than Rs. 30,000/- in a year (July to June) in case the remuneration exceed Rs. 30,000/- the excess amount will lapes to the Vishwavidyalaya.

4. The invitation is issued on the following assumption :-
    That no examiner has any relation of the following type appearing at this examination of the Vishwavidyalaya.
        Wife, Husbend, Son, Daughter,Grand Son, Grand Daughter, Brother,Sister, Nice, Nephew, Grand Nice, Grand Nephew, Uncle, Aunt, First Cousion, Son in law, Brother in law, and Sister in law.

5. The report on the conduct of the examination is to be sent under your signatures only and should invariably be sent alongwith the renmuneration bill.

Yours faithfully

6/9/2021

CONTROLLER OF EXAMINATIONS
6 SEP 2021

Endt. No 1141 /Conf./2021   Bilaspur Dated
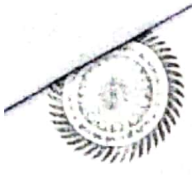
Copy forwarded to:
1. HoD Deptt. of Anthropology, GGV, Bilaspur (C.G.)

with a request to kindly contact with the external examiner for practical/Dissertation /project report viva-voce/exam. date.

INCHARGE CONFIDENTIAL

Department of Anthropology and Tribal Development
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR, (C.G.)
(A Central University established by the Central Universities Act, 2009 No. 25 of 2009)
Web: www.ggu.ac.in, Ph. No. 07752-260203

L.No. 2000/Anthro/2021,   Dt.07.09.2021

Nilakantha Panigrahi, Ph.D
Associate Professor and Head,
nilakantha.panigrahi@gmail.com
9981860112 & 8249300592 (M)

To,

Dr. Jitendra Premi

Associate Professor (Social-Cultural Anthropology)

Department of Anthropology

Ptd. Ravishankar Shukla University

Raipur, CG

Dear Sir,

It is my pleasure to inform you that our HVC has nominated you as the External Examiner in the **Group B: Social-Cultural Anthropology** to examine the PG dissertation of 22 students. As discussed with you the date of the seminar presentation of the students will be on 15.09.2021 at 11am. The PDF version of the thesis will be sent to you in advance. The students will present their findings by power point presentations for evaluation followed by an interview. The details of the mark distribution and format will be supplied shortly. The remuneration for the assignment will be paid as per the university rule.

Looking for your kind cooperation.

With regards

(N.Panigrahi)

विभागाध्यक्ष/H.O.D.
मानव विज्ञान एवं जनजातीय विकास विभाग
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Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Guru Ghasidas Vishwavidyalaya

SEMESTER : 4
Course Code: ANT408P
Session: 2020-2021-MAY:REGULAR

Year: 2020-2021
Section: SECTION A
Course Title: Field Work Dissertation

Programme: Master of Science (Anthropology)

Sr. No.	Enrolment Number	Roll Number	Student Name	End Semester Examination 200.00	TOTAL MARKS 200.00
1	GGV/16/3300	19401101	ANAMIKA MISHRA	170.00	170.00
2	GGV/16/3343	19401102	BASANTI PARJA	165.00	165.00
3	GGV/16/3302	19401103	BABITA SAMANTA	156.00	156.00
4	GGV/16/3297	19401104	AAFREEN SIDDIQUI	174.00	174.00
5	GGV/16/3303	19401105	CHANCHAL GUPTA	164.00	164.00
6	GGV/16/3305	19401106	DIKSHA SHARMA	168.00	168.00
7	GGV/16/3307	19401107	ESHANI SHARMA	177.00	177.00
8	GGV/16/3308	19401108	HEMLATA BARMAN	153.00	153.00
9	GGV/16/3318	19401109	POONAM PATEL	157.00	157.00
10	GGV/16/3339	19401110	PUJA KUMARI	169.00	169.00
11	GGV/16/3312	19401111	KARISHMA NAIK	156.00	156.00
12	GGV/16/3316	19401112	NIRMALA TIGGA	179.00	179.00
13	GGV/16/3319	19401113	RAJIA KHATUN	165.00	165.00
14	GGV/16/3320	19401114	ROHIT RAI	148.00	148.00
15	GGV/16/3313	19401115	LISHA GIRI GOSWAMI	161.00	161.00
16	GGV/16/3322	19401116	SANDEEP KUMAR SAHU	163.00	163.00
17	GGV/16/3330	19401117	SHRIYA SINGH	156.00	156.00
18	GGV/16/3337	19401118	TRIPTIMAYE GUPTA	162.00	162.00
19	GGV/16/3326	19401119	SAYED SAMYEEN FATIMA	163.00	163.00
20	GGV/15/3304	19401120	RAM KRISHANA DURVEY	147.00	147.00
21	GGV/16/3315	19401121	NILESH KUMAR	150.00	150.00
22	GGV/16/3298	19401122	ADARSH SAO	152.00	152.00
23	GGV/16/3306	19401123	DINESH KUMAR	165.00	165.00
24	GGV/16/3327	19401124	SHIFA SAYEED	173.00	173.00
25	GGV/15/3296	19401125	MUNIL TIRKEY	122.00	122.00
26	GGV/16/3310	19401126	JITENDRA KUMAR SAHU	157.00	157.00