



Under the aegis of Vijayam Educational Trust

CATALYST COLLEGE

(A Unit of CIMAGE Group of Institutions)

Institution approved by Education Department, Government of Bihar, Affiliated to Patliputra University, Patna



Ref: CC/WRSP-NOT/21/21/26

Date: 14-july-2021

NOTICE

This is to inform all the Students that a workshop on Next-Gen Entrepreneurs: Embracing the Cloud Revolution will be organized on 30.7.2021 from 9:30 AM to 5:30 PM in the auditorium of Catalyst College.

The workshop is completely free, and no money will be charged for the Training or Certification.

Interested students are instructed to meet the Activity In-Charge / Class Coordinator for more details and their registration.

By the order of

Principal


Principal
CATALYST COLLEGE
Plot No. C-18(P) Patliputra Industrial Area
Patliputra, Patna-13

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Patliputra, Patna- 800013

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Date:30-07-2021

Workshop Title

Next-Gen Entrepreneurs: Embracing the Cloud Revolution

Number of Students Participated: 56

Objective:

This workshop is designed to help entrepreneurs and business leaders understand how to leverage cloud technology to build, scale, and innovate their businesses. It will focus on the benefits of cloud computing, how it can enhance operational efficiency, streamline processes, and create new opportunities for growth. Participants will gain practical insights into cloud platforms, tools, and strategies that empower the next generation of entrepreneurs to thrive in the digital age.

Model 1. Introduction to Cloud Computing for Entrepreneurs (30 min)

- Understanding the fundamentals of cloud computing.
 - The difference between traditional IT infrastructure and cloud services (IaaS, PaaS, SaaS).
 - Key characteristics of cloud: scalability, flexibility, cost-efficiency, and accessibility.
- Why the Cloud Matters for Entrepreneurs: How cloud technology is a game-changer for businesses of all sizes.
 - Key benefits: reduced overhead, faster time to market, and the ability to scale effortlessly.
 - Real-world examples of businesses that thrived by embracing the cloud (e.g., startups like Slack, Zoom, and Dropbox).



Model 2. The Cloud Revolution: Transforming Industries and Business Models
CloudEnabled Business Models: How the cloud is reshaping traditional business models and creating new opportunities.

- Subscription-based services, SaaS products, and remote work tools powered by the cloud.
- Moving from CapEx to OpEx: How businesses are saving on infrastructure costs by moving to the cloud.
- Industry-Specific Use Cases: How different industries are leveraging cloud technologies to drive innovation.
 - Retail & E-commerce: How cloud platforms like AWS and Shopify are helping businesses optimize supply chains, customer experience, and operations.
 - Healthcare: Using the cloud for telemedicine, patient data management, and research.
 - Finance: Cloud-based fintech solutions, from digital banking to blockchain applications.
 - Education: Cloud-based learning management systems, virtual classrooms, and collaborative tools.
- Cloud and Mobility: How cloud computing enables mobile workforces and remote teams to collaborate seamlessly from anywhere in the world.

Model 3. Cloud Solutions for Next-Gen Entrepreneurs choosing the Right Cloud Service:
A breakdown of the major cloud providers and what they offer.

- Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP): What each platform excels at and which is best for different business needs.
- Exploring other cloud services like Dropbox, Google Drive, and Salesforce for specific use cases.
- Cloud Infrastructure & Scalability: Understanding the different components of cloud services that entrepreneurs can use.
 - IaaS (Infrastructure-as-a-Service): Virtual servers, storage, and network management.
 - PaaS (Platform-as-a-Service): Development environments and tools for building applications.



- SaaS (Software-as-a-Service): Pre-built software applications (e.g., CRM, accounting, project management).
 - Automation and Cloud Integration: How to automate business processes using cloud-based tools.
 - Integrating applications like Zapier, IFTTT, or Power Automate to streamline workflows.
 - Connecting various cloud services for enhanced data flow and operational efficiency.
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Model 4. Security and Data Protection in the Cloud

- Cloud Security Basics: Ensuring the safety of your data when using cloud services.
 - Understanding shared responsibility in cloud security: what the provider secures vs. what you secure.
 - Key security protocols: encryption, multi-factor authentication (MFA), and secure access management.
 - Compliance and Legal Considerations: Data privacy laws (GDPR, HIPAA, CCPA) and how to ensure compliance when storing sensitive business data in the cloud.
 - How cloud providers ensure data protection and privacy.
 - How to manage access controls and meet regulatory requirements.
 - Disaster Recovery & Business Continuity: Leveraging the cloud for backup, disaster recovery, and business continuity planning.
 - Creating automated backup schedules and cloud storage solutions to protect business-critical data.
 - Cloud disaster recovery solutions: Minimizing downtime and ensuring business resilience.
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Model 5. Building and Scaling Your Business with Cloud Technology

- Building a Cloud-Native Business: How to develop and launch a business in the cloud.
 - Leveraging cloud development platforms to build software applications and web services.
 - The importance of scalability: How to design your business operations to scale with cloud services.
- Managing Cloud Costs: Understanding pricing models and how to optimize cloud spending.



- AWS, Azure, and GCP pricing models: Pay-as-you-go vs. subscriptionbased models.
 - Tools and strategies to track and control cloud usage to avoid unexpected costs (e.g., AWS Cost Explorer, Azure Cost Management).
 - Optimizing Cloud-Based Marketing & Sales Tools:
 - How to use cloud-based tools for CRM (Salesforce, HubSpot), email marketing (Mailchimp, ActiveCampaign), and customer support (Zendesk).
 - Using cloud analytics platforms (Google Analytics, Tableau, Power BI) to track marketing performance and customer behavior.
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Model 6. Real-World Case Studies: Entrepreneurs Leveraging the Cloud

- Success Stories: Entrepreneurs who have scaled their businesses with the help of the cloud.
 - Case study of Airbnb: How the cloud enabled rapid scaling in the travel and hospitality industry.
 - Case study of Shopify: How the cloud-based platform revolutionized the ecommerce space and empowered small businesses.
 - Lessons Learned: Practical advice from successful entrepreneurs on how to get started with cloud technology.
 - Overcoming challenges like security concerns, data migration, and team adoption.
 - How to create a cloud-based strategy for your own business.
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Model 7. Hands-On Workshop: Setting Up Your First Cloud Solution

- Step-by-Step Guide: Participants will set up a basic cloud infrastructure for their business.
 - How to create and configure a cloud-based website or web application using platforms like AWS, Google Cloud, or Microsoft Azure.
 - Setting up essential cloud services: hosting, file storage, email, and customer relationship management.
 - Cloud-Based Collaboration Tools: Setting up tools like Google Workspace, Slack, or Trello to enable remote collaboration and communication.
 - Integrating cloud tools for project management, team collaboration, and business operations.
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Model 8. Future-Proofing Your Business: The Road Ahead

- The Future of Cloud Computing: Trends and innovations that will shape the future of cloud technology.
 - Edge computing, AI integration, and quantum computing in the cloud.
 - The rise of Serverless Computing: Reducing the need for infrastructure management.
 - How the cloud will continue to drive digital transformation across industries.
 - Preparing for Change: How entrepreneurs can continuously adapt and innovate in the evolving cloud landscape.
 - The importance of staying updated on new tools, services, and best practices in cloud technology.
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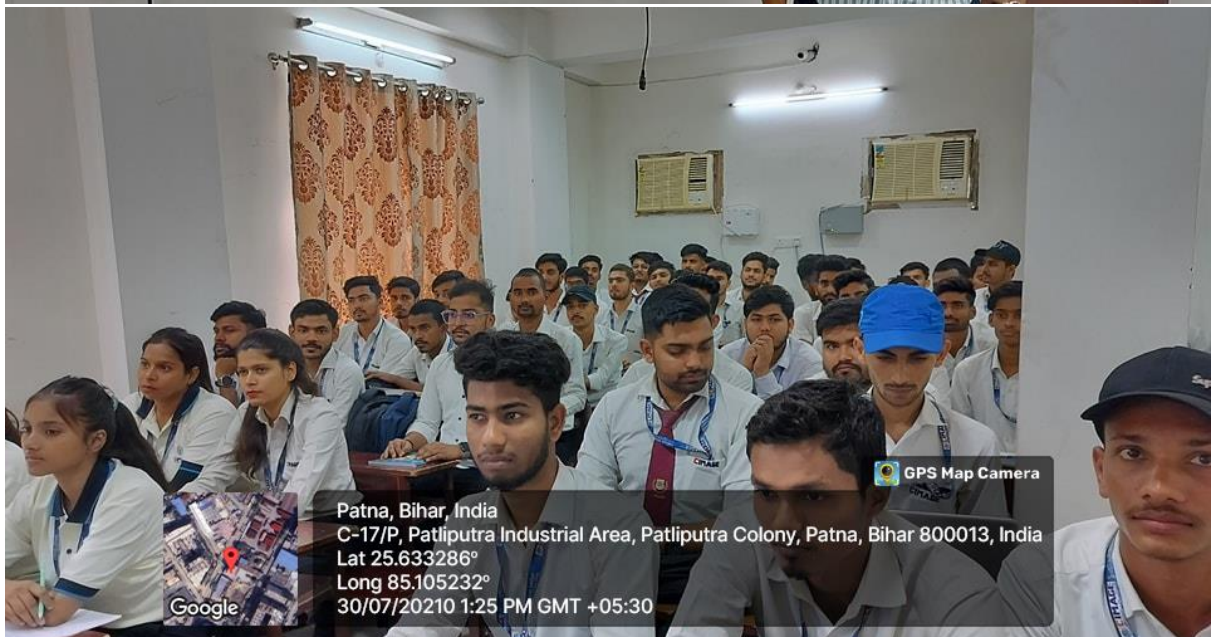
Key Takeaways:

- Cloud Literacy: A comprehensive understanding of cloud computing and its benefits for entrepreneurs.
- Hands-On Experience: Practical skills to set up and manage cloud solutions for your business.
- Security & Compliance: Knowledge of how to secure data and ensure compliance in the cloud.
- Real-World Insights: Learn from successful entrepreneurs who have used cloud technology to grow their businesses.
- Future-Proofing: How to stay ahead of the curve by leveraging the latest cloud innovations.



Next-Gen Entrepreneurs: Embracing the Cloud Revolution

Date:-30/07/2021



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Registration

For Workshops/Seminars/Conferences during Academic Year 2020-2021

Next-Gen Entrepreneurs: Embracing the Cloud Revolution

(30 July 2021)

S. No.	ID	Name of the student	Student's Signature
1	445-7309	Sonu Sharma	Sonu sharma
2	445-7300	Khushboo Kumari	Khushboo
3	445-7323	Ayush Kumar	Ayush Kumar
4	445-7330	Hariom Kumar	Hariom Kumar
5	445-7337	Suhani Kumari	Suhani Kumari
6	445-7336	Chetan Anand	Chetan Anand
7	445-7281	Ansu Rani	Ansu Rani
8	445-7241	Abhishek Kumar	Abhishek Kumar
9	445-7356	Yashwant Kumar	Yashwant Kumar
10	445-7266	Prem Raj	Prem Raj
11	445-7257	Deepak Kumar	Deepak Kumar
12	445-7403	Sangam Mishra	Sangam Mishra
13	445-7416	Avinash Choubey	Avinash Choubey
14	445-7465	Sandeep Kumar	Sandeep Kumar
15	445-7493	Navnit Kumar Singh	Navnit Kumar Singh
16	445-7550	Suraj Kumar	Suraj Kumar
17	445-7532	Vishnu Gauatm	Vishnu
18	445-7582	Vikram Kumar	Vikram Kumar
19	445-7580	Anish Anand	Anish Anand
20	445-1669	Amisha Kumari	Amisha Kumari
21	445-1666	Bambam Kumar	Bambam Kumar
22	445-7255	Gautam Kumar	Gautam Kumar
23	445-7324	Rohan Raj	Rohan Raj
24	445-7130	Rohit Kumar	Rohit Kumar
25	445-7466	Rohit Kumar	Rohit Kumar
26	455-7118	Sania Zaffar	Sania Zaffar
27	445-7152	Swati Gupta	Swati Gupta
28	445-1668	Vikash Kumar	Vikash Kumar
29	445-7107	Rajesh Kumar	Rajesh Kumar
30	445-7192	Abhay Kumar	Abhay Kumar
31	445-7223	Pawan Kumar	Pawan Kumar
32	445-7263	Md Intakhab Alam	Md Intakhab Alam



33	445-7261	Abul Kalam	Abul Kalam
34	445-7316	Samir Alam	Samir Ala.
35	445-7293	Nisha Kumari	Nisha Kumari
36	445-7313	Sumit Kumar	Sumit Kumar
37	445-7321	Sid Kumar	Sid Kum.
38	445-7415	Raj Verma	Raj Verma
39	445-7227	Sayma Praveen	Sayma Praveen
40	445-6981	Aditya Kumar Sahni	A. Kumar Sahni
41	445-6762	Akshay Verma	Akshay Verma
42	445-6915	Aman Kumar Gupta	Aman Kumar Gupta
43	445-7272	Amit Kumar Thakur	Amit Kumar Thakur
44	445-7443	Ashutosh Kumar	A. Kumar
45	445-6725	Bipul Kumar	Bipul Kum.
46	445-6767	Gautam Kumar Solanki	Gautam Kumar Solanki
47	445-6951	Golu Kumar	Golu Kum.
48	445-6928	Harsh Raj	Harsh Raj
49	445-6937	Kamya Rani	Kamya Rani
50	445-6939	Karishma Kumari	Karishma Kumari
51	445-6750	Komal Kumari	Komal Kumari
52	445-7390	Krishn Mohan Kumar	Krishn Mohan Kumar
53	445-7250	Manish Kumar	Manish Kumar
54	445-6977	Nur Alam	Nur Alam
55	445-6862	Prakash Raj	P. Raj.
56	445-6853	Prashant Kumar	Prashant Kum.


 (Sign.)
 Course Coordinator