



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



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Date: 02-May-2023

NOTICE

This is to inform all the Students that a workshop on Disrupting Tomorrow: Entrepreneurship & Cloud Innovation will be organized on 18.5.2023 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

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Principal
CATALYST COLLEGE
Plot No.- C-16(P) Patliputra Industrial Area
Patliputra, Patna-13

Plot No.C16(P), Patliputra Industrial Area
Patliputra, Patna- 800013



(+91) 7250767676



megha@cimage.in



Date: 18.5.2023

Workshop Title:

Disrupting Tomorrow: Entrepreneurship & Cloud Innovation

Number of Students Participated: 57

Objectives:

In today's fast-paced, digitally-driven world, the cloud is not just a tool—it's a transformational platform that is disrupting industries and enabling entrepreneurship at an unprecedented scale. Startups and established businesses alike are leveraging cloud technologies to create innovative products, scale efficiently, and redefine business models. This workshop will focus on how entrepreneurs can harness the power of cloud computing to drive innovation, create competitive advantages, and disrupt traditional industries.

The workshop will explore the intersection of entrepreneurship and cloud innovation, showcasing real-world examples, best practices, and strategies for building scalable, resilient, and future-ready businesses. Participants will leave with actionable insights and practical tools to integrate cloud technologies into their entrepreneurial ventures and strategies.

Workshop Agenda: Disrupting Tomorrow: Entrepreneurship & Cloud Innovation

Module 6. Introduction to Cloud Computing & the Entrepreneurial Landscape

- What is Cloud Computing?
 - Defining the cloud: SaaS, PaaS, IaaS, and the different cloud service models.
 - The evolution of cloud technologies: From early virtualization to the modern cloud stack (AWS, Azure, Google Cloud, etc.).
- The Role of Cloud in Entrepreneurship:
 - How the cloud levels the playing field for startups and small businesses.
 - Cloud as a disruptor: Changing the dynamics of competition, market entry, and business models.
 - Case studies of cloud-driven innovation: How companies like Uber, Airbnb, and Spotify have leveraged cloud technologies for disruptive growth.



Module 6.Cloud-Enabled Business Models

- Innovative Business Models Powered by Cloud:
 - The subscription economy (SaaS): Building scalable software products with minimal upfront investment.
 - Data-driven businesses: Using the cloud to capture, analyze, and monetize big data (e.g., IoT, data analytics, AI integration).
- Cloud as a Platform for Disruption:
 - How cloud platforms foster agility and innovation: Accelerating time-to-market and driving operational efficiency.
 - Examples of cloud-driven business pivots during crises or disruptions (e.g., pivoting to remote work tools, e-commerce enablement).
- Interactive Discussion: How can entrepreneurs identify and leverage emerging trends in the cloud (AI, Blockchain, Machine Learning, IoT) to disrupt traditional industries?

Module 6. Building a Scalable Cloud-Based Business

- Key Considerations When Moving to the Cloud:
 - Infrastructure as a Service (IaaS) vs. Platform as a Service (PaaS) vs. Software as a Service (SaaS): What is best for your business?
 - Cost optimization in the cloud: How to effectively manage your cloud expenses and scale without breaking the bank.
 - Security and compliance in cloud ventures: How to ensure data privacy and protect your business from cybersecurity threats.
- Developing Scalable Applications on the Cloud:
 - Cloud architecture best practices: Designing for resilience, fault tolerance, and high availability.
 - Choosing the right cloud provider: AWS vs. Google Cloud vs. Microsoft Azure—how to evaluate which platform fits your needs.
- Cloud Tools for Entrepreneurs:
 - Collaborative tools: G Suite, Office 365, and cloud-based project management tools like Trello, Asana, Slack.
 - Cloud development tools: AWS Lambda, Azure Functions, Firebase for building serverless applications.
 - Cloud-based customer relationship management (CRM): Salesforce, HubSpot, Zoho for scaling customer interactions.

Module 6.Disruption Through Data: Harnessing Cloud for Innovation

- Data-Driven Entrepreneurship:
 - The importance of data: How cloud computing allows entrepreneurs to gather, store, and analyze data at scale.
 - Cloud storage and data management tools: Understanding data lakes, NoSQL databases, and cloud data warehouses.



- Artificial Intelligence & Machine Learning in the Cloud:
 - How cloud platforms are democratizing access to AI and machine learning tools for startups.
 - Using pre-built AI services: AWS SageMaker, Google AI Platform, Azure AI to incorporate machine learning models into your products.
 - Building your own AI solutions: Implementing machine learning workflows and automating decision-making processes in the cloud.
- Case Study: How startups are using cloud-driven data science, AI, and predictive analytics to disrupt industries (e.g., fintech, healthcare, retail).

Module 6.Cloud for Global Expansion & Market Disruption

- How Cloud Supports Global Expansion:
 - The cloud as a tool for global scalability: Expanding your startup's reach to international markets without the need for costly infrastructure.
 - Cloud-based localization tools: Serving different languages and currencies in global markets with minimal operational overhead.
- Cloud and Remote Work:
 - The shift to remote-first: How cloud technologies enable remote work environments and foster collaboration across borders.
 - Managing distributed teams: Using cloud tools to stay productive and aligned while scaling your startup globally.
- Interactive Discussion: What challenges do entrepreneurs face when scaling with the cloud? How can cloud adoption overcome common barriers (e.g., cost, complexity, compliance)?

Module 6.Cloud Innovation in Emerging Industries

- Fintech and Cloud:
 - How cloud computing has transformed the financial services industry: Real-time payments, mobile banking, and peer-to-peer lending.
 - Case Study: How a fintech startup uses the cloud to deliver secure, scalable financial services.
- Healthcare Innovation and Cloud:
 - The role of the cloud in healthcare innovation: Telemedicine, patient data management, and health analytics.
 - Case Study: How a healthcare startup is using cloud computing to disrupt traditional healthcare delivery models.
- Retail and E-Commerce:
 - How cloud computing is transforming retail: E-commerce platforms, inventory management, supply chain optimization, and personalized marketing.
 - Case Study: An e-commerce startup scaling through cloud platforms and driving innovation in customer engagement.



Key Takeaways

- A deep understanding of how cloud technologies are transforming industries and enabling entrepreneurship.
- Practical knowledge on choosing, building, and scaling cloud-based solutions for your business.
- Insights into building data-driven, AI-enabled products in the cloud for disruptive innovation.
- Strategies for leveraging cloud innovation to expand globally, optimize costs, and drive competitive advantage.



Disrupting Tomorrow: Entrepreneurship Disrupting Tomorrow: Entrepreneurship & Cloud Innovation

Date:-18/05/2023





Disrupting Tomorrow: Entrepreneurship Disrupting Tomorrow:
Entrepreneurship & Cloud Innovation

Date:-18/05/2023

Registration

For Workshops/Seminars/Conferences during Academic Year 2022-2023

Disrupting Tomorrow: Entrepreneurship & Cloud Innovation

(18 May 2023)

S. No.	ID	Name of the student	Student's Signature
1	445-6981	Aditya Kumar Sahni	Aditya Kr Sahni
2	445-6762	Akshay Verma	Akshay Verma
3	445-6915	Aman Kumar Gupta	Aman Kumar Gupta
4	445-7272	Amit Kumar Thakur	Amit-Kr Thakur
5	445-7443	Ashutosh Kumar	Ashutosh Kr.
6	445-6725	Bipul Kumar	Bipul Kumar
7	445-6767	Gautam Kumar Solanki	Gautam
8	445-6951	Golu Kumar	Golu Kumar
9	445-6928	Harsh Raj	Harsh
10	445-6937	Kamya Rani	Kamya Rani
11	445-6939	Karishma Kumari	Krishna K.
12	445-6750	Komal Kumari	Komal Kumari
13	445-7390	Krishn Mohan Kumar	Krishn Mohan Kumar
14	445-7250	Manish Kumar	Manish Kr
15	445-6977	Nur Alam	Nur Alam
16	445-6862	Prakash Raj	Prakash Raj
17	445-6853	Prashant Kumar	Prashant Kumar
18	445-6974	Prince Kumar Singh	Prince Kr Singh
19	445-6730	Raghav Raman Choudhary	Raghav Raman
20	445-6747	Ranjeet Kumar Yadav	Ranjeet Kumar Yadav
21	445-6733	Raunak Rani	Raunak Rani
22	445-6854	Sanjeev Kumar	Sanjeev Kumar
23	445-7423	Satish Kumar	Satish K.
24	445-6883	Saurav Kumar	Saurav Kr.
25	445-6761	Shankar Kumar	Shankar
26	445-6995	Shiv Jee Kumar Yadav	Shiv Jee Kr Yadav
27	445-6728	Shivam Shekhr	Shivam Shekhr
28	445-7029	Sonal Kumar Singh	Sonal Kr Singh
29	445-6770	Subham Kumar	Subham Kr
30	445-6742	Subham Shankar	Subham Shankar
31	445-7604	Tanuja	Tanuja
32	445-6991	Ujval Kumar Verma	Ujval Kr Verma



33	445-7001	Vikash Kumar	Vikash Kumar
34	445-7023	Vikash Kumar	Vikash Kumar
35	445-6739	Vinayak Gupta	Vinayak Gupta
36	445-6759	Vishal Pandey	Vishal Pandey
37	45-7432	Balbam Kumar	Balbam Kumar
38	445-6741	Kanish Kumar	Kanish Kumar
39	445-6948	Manish Raj	Manish Raj
40	445-6737	Manisha Kumari	Manisha Kumari
41	445-6933	Ravnaak Kumar	Ravnaak Kumar
42	445-7275	Aaseen Alam	Aaseen Alam
43	445-7343	Akshat Raj	Akshat Raj
44	445-7027	Anish Raj	Anish Raj
45	445-7345	Avinash Kumar	Avinash Kumar
46	445-7384	Deeplal Ram	Deeplal Ram
47	445-7392	Kajal Kumari	Kajal Kumari
48	445-7033	Kajal Kumari	Kajal Kumari
49	445-6886	Kamlesh Kumar Singh	Kamlesh Kumar Singh
50	445-7377	Kundan Kumar	Kundan Kumar
51	445-7039	Manish Kumar	Manish Kumar
52	445-7483	Md Arbaz Ansari	Md. Arbaz Ansari
53	445-7252	Md Faizan	Md. Faizan
54	445-7430	Mukesh Kumar Jha	Mukesh Kumar Jha
55	445-7469	Nitish Kumar	Nitish Kumar
56	445-7379	Pankaj Kumar	Pankaj Kumar
57	445-7375	Prashant Kumar	Prashant Kumar



(Sign.)

Course Coordinator