



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/20/18/23

Date: 14-Apr-2020

## NOTICE

This is to inform all the Students that a Live session on GDP will be organized on 28.4.2020 from 9:30 AM to 5:30 PM by Catalyst College.

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

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

By the order of

Principal

  
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:28-04-2020

## Workshop Title

Live Session on GDP: Understanding Its Impact on the Economy Presented by

Nitish Rohatgi Number of Students

Participated: 58

---

### Objective:

This live session aims to provide an in-depth understanding of Gross Domestic Product (GDP), its components, and its significant role in shaping economic policy and decision-making. The session, led by economist and financial expert Nitish Rohatgi, will break down complex economic concepts related to GDP into digestible insights. It will also explore the relationship between GDP and various aspects of the economy such as growth, inflation, unemployment, and government policy.

---

### Model 1. A Fundamental Concept

- Definition of GDP: What is Gross Domestic Product, and why is it considered the most important indicator of a nation's economic health? ◦ The three approaches to measuring GDP: Production Approach, Income Approach, and Expenditure Approach.
  - The difference between Nominal GDP and Real GDP.
- How GDP is Calculated: Breaking down the formula and the data sources used in GDP estimation.
  - $GDP = C + I + G + (X - M)$ : Where C is consumption, I is investment, G is government spending, X is exports, and M is imports.
- Why GDP Matters: Understanding how GDP serves as a key metric for economic policy and decision-making.
  - Economic growth rates, policymaking, business cycles, and inflation.

---

### Model 2. The Components of GDP



- Consumption (C): The role of household spending in driving the economy.
  - Trends in consumer behavior and their impact on GDP growth.
- Investment (I): How business investments and capital expenditures contribute to economic growth.
  - The impact of private investment vs. public investment on GDP.
- Government Spending (G): The role of government expenditure in influencing GDP.
  - Fiscal policy and how government spending stimulates or contracts the economy.
- Net Exports (X - M): The relationship between exports and imports, and how trade balances affect GDP.
  - Trade deficits, surpluses, and their implications for the economy.
- Sectoral Contributions: The role of key sectors such as manufacturing, services, and agriculture in contributing to GDP.

---

### Model 3. GDP Growth & Economic Performance

- Key factors that lead to sustained increases in GDP.
  - Technological advancements, human capital, infrastructure development, and resource availability.
- Economic Indicators Correlated with GDP Growth:
  - Unemployment rates, inflation, and industrial production.
  - How these indicators are linked with GDP performance.
- GDP and Business Cycles: Understanding the relationship between GDP and economic cycles (expansion, recession, stagnation).
  - Why GDP growth is essential for avoiding recessions and fostering longterm prosperity.

---

### Model 4. The Limitations of GDP

- What GDP Doesn't Measure: Discussing the limitations of GDP as an economic indicator.
  - Income Inequality: GDP doesn't account for income distribution.

Environmental Costs: GDP doesn't factor in environmental degradation or sustainability.

- Quality of Life: GDP fails to measure health, education, or other social indicators.
- Non-Market Transactions: Unpaid labor, voluntary work, and home production are not included in GDP.
- Alternative Measures to GDP: Introduction to other indices like Human Development Index (HDI), Genuine Progress Indicator (GPI), and Green GDP.

---

#### Model 5. Real-World Applications: How GDP Impacts Policies & Business

- Monetary Policy: How central banks (e.g., the Reserve Bank of India or the Federal Reserve) use GDP data to set interest rates and control inflation.
- Fiscal Policy: Government decisions on taxation and public spending based on GDP performance. ○ How a slowdown in GDP growth can lead to stimulus packages and tax cuts, while rapid GDP growth might lead to austerity measures.
- Business Strategy and Investment: How understanding GDP trends can help entrepreneurs and investors make better decisions. ○ How businesses adapt their strategies during periods of economic growth and recession. ○ The impact of GDP growth on stock markets, job creation, and investment opportunities.

---

#### Model 6. The Global Context: Comparing GDP Across Countries

- Global GDP Rankings: Understanding which countries have the largest economies and why.
  - GDP per capita and its use in measuring living standards.
- Developing vs. Developed Countries: Why GDP growth rates differ between emerging markets and developed nations. ○ The role of external factors like foreign direct investment (FDI) and international trade.
- Impact of Global Events on GDP: How global events like pandemics, wars, and financial crises affect GDP. ○ Example: The COVID-19 pandemic's impact on global GDP and recovery patterns.
- Global Economic Shifts: The rise of emerging economies and how they are influencing global GDP dynamics.



---

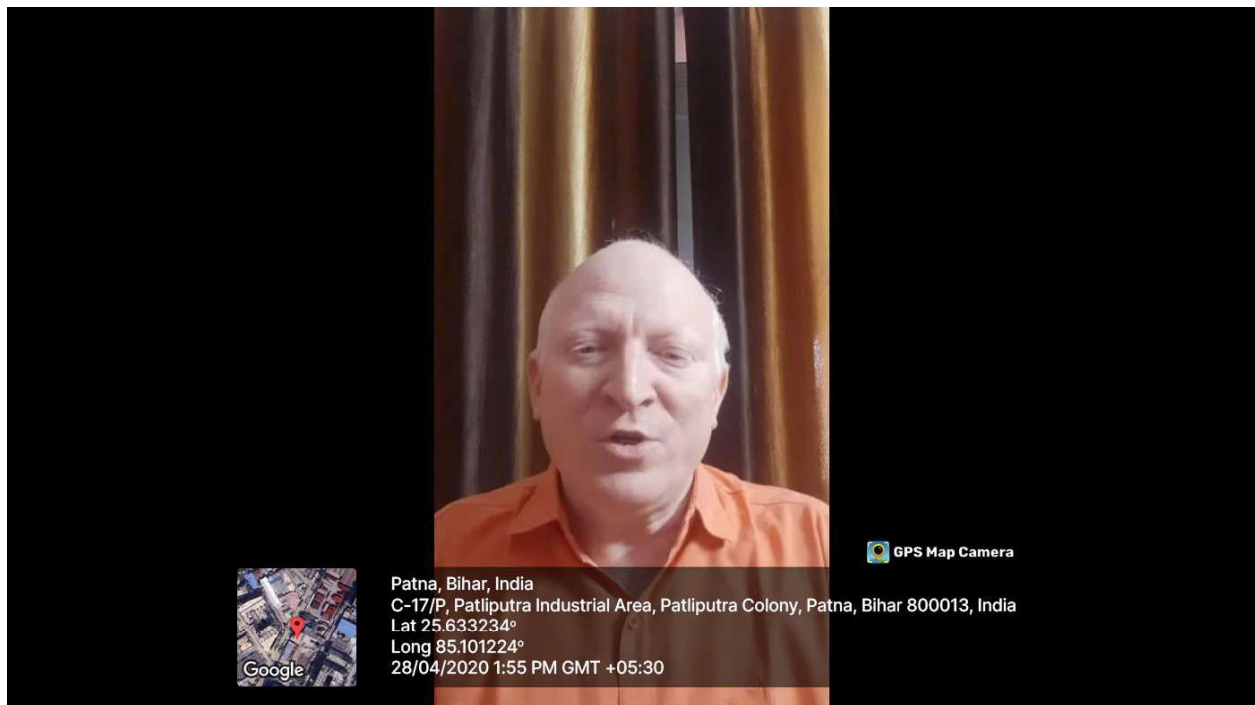
---

Key Takeaways:

- Understanding GDP: Learn how GDP is measured, its components, and its importance in assessing economic health.
- Economic Growth: Understand what drives GDP growth and how it relates to inflation, employment, and other economic indicators.
- Policy Impact: Learn how GDP data shapes government policies and central bank decisions.
- Global Perspectives: Gain insights into how GDP influences global economics and the standing of different countries on the world stage.
- Practical Insights for Business: How entrepreneurs and investors can leverage GDP trends to make informed decisions.

Live session on GDP by Nitish Rohatgi Date:-

28/04/2020



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

# Registration

For Workshops/Seminars/Conferences during Academic Year 2019-2020

Live session on GDP by Nitish Rohatgi

(28 April 2020)

S. No.	ID	Name of the student	Student's Signature
1	445-6983	Aabha Kumari	Aabha Kumari
2	445-6965	Aarti Kumari	Aarti Kumari
3	445-6997	Abhishek Kumar	Abhishek Kumar
4	445-7018	Abhishek Paswan	Abhishek Paswan
5	445-6838	Amar Kumar Jaiswal	Amar Kumar Jaiswal
6	445-7248	Gulshan Kumar	Gulshan Kumar
7	445-6901	Himanshu Raj	Himanshu Raj
8	445-6925	Jyoti Kumari	Jyoti Kumari
9	445-7453	Kalpna Kumari	Kalpna Kumari
10	445-7404	Kalyan Kumar	Kalyan Kumar
11	445-7003	Manish Ranjan	Manish Ranjan
12	445-7021	Md Imran	Md Imran
13	445-6921	Muskan Malhotra	Muskan Malhotra
14	445-6999	Praveen Kumar	Praveen Kumar
15	445-6930	Priyanshu Kumari	Priyanshu Kumari
16	445-7037	Rajan Raj	Rajan Raj
17	445-7386	Rajesh Kumar	Rajesh Kumar
18	445-6961	Rajiv Kishor Singh	Rajiv Kishor Singh
19	445-6868	Rajnikant Kumar	Rajnikant Kumar
20	445-6978	Rajshi Shah	Rajshi Shah
21	445-6957	Ravi Ranjan Kumar	Ravi Ranjan Kumar
22	445-7025	Rohit Kumar	Rohit Kumar
23	445-7351	Sanju Kumari	Sanju Kumari
24	445-6995	Subham Kumar	Subham Kumar
25	445-7005	Sunil Kumar	Sunil Kumar
26	445-7291	Sunriya Kumari	Sunriya Kumari
27	445-6989	Surabhi Kumari	Surabhi Kumari
28	445-6967	Swarnika Kumari	Swarnika Kumari
29	445-7666	Vikram Kumar	Vikram Kumar
30	445-7009	Divya Kumari	Divya Kumari
31	445-7275	Aaseen Alam	Aaseen Alam
32	445-7343	Akshat Raj	Akshat Raj



33	445-7027	Anish Raj	Anish Raj
34	445-7345	Avinash Kumar	Avinash Kumar
35	445-7384	Deepal Ram	Deepal Ram
36	445-7392	Kajal Kumari	Kajal Kumari
37	445-7033	Kajal Kumari	Kajal Kumari
38	445-6886	Kamlesh Kumar Singh	Kamlesh Kumar Singh
39	445-7377	Kundan Kumar	Kundan Kumar
40	445-7039	Manish Kumar	Manish Kumar
41	445-7483	Md Arbaz Ansari	Md. Arbaz Ansari
42	445-7252	Md Faizan	Md. Faizan
43	445-7430	Mukesh Kumar Jha	Mukesh Kumar Jha
44	445-7469	Nitish Kumar	Nitish Kumar
45	445-7379	Pankaj Kumar	Pankaj Kumar
46	445-7375	Prashant Kumar	Prashant Kumar
47	445-7041	Rahul Kumar	Rahul Kumar
48	445-6979	Ramesh Kumar	Ramesh Kumar
49	445-7363	Ramesh Ranjan	Ramesh Ranjan
50	445-7347	Shakir Ansari	Shakir Ansari
51	445-7438	Sunny Kumar	Sunny Kumar
52	445-7471	Tannu Priya	Tannu Priya
53	445-7485	Deepankar Kumar	Deepankar Kumar
54	445-7361	Poonam Kumari	Poonam Kumari
55	445-7272	Amit Kumar Thakur	Amit Kumar Thakur
56	445-7443	Ashutosh Kumar	Ashutosh Kumar
57	445-6725	Bipul Kumar	Bipul Kumar
58	445-6767	Gautam Kumar Solanki	Gautam Kumar Solanki

  
 (Sign.)  
 Course Coordinator