

# JAYANT PANGHAL

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## EDUCATION

### Masters of Arts - Economics,

Jawaharlal Nehru University, New Delhi

2019 – 2021

1st Division

### Bachelor of Technology,

Indian Institute of Technology (IIT), Guwahati

2014 – 2018

CGPA - 7.14

## PROJECTS

Mar 2021

### A study of effects of 'focusing illusion' and 'priming' on happiness level of individuals

- Shown the effect of cognitive biases by analysing a self-conducted survey (228 subjects).
- Ran tests of statistical significance (**t-test** and **correlation**) for final results.

Nov 2020

### Paid-Unpaid continuum of women's work

- Analysed ILO's and IMF's raw data on the global workforce.
- Highlighted adverse consequences of gender-skewed labour force.
- Supported the controversial policy of remunerations for *unpaid domestic work*.

Apr 2018

### Impact of climate change on sea level rise along coastline of Mumbai

- Employed **regression** to develop a forecasting model for predicting future sea level as a result of climate change.
- Ran **correlation test** among data of two sources (satellite and tide gauge) for data verification.

## PROFESSIONAL EXPERIENCE

2019 – present

### Subject Matter Expert - Economics, Chegg - Online education technology company

As a freelance expert, ensuring the accuracy of content and tutoring school and college students in the field of economics.

2015 – 2017

### Public Relations Coordinator, Alcheringa - Annual cultural fest, IIT Guwahati

Revamped the relations and events publicizing strategy to increase the footfall by 15% in 2017 reaching up to 120K.

2015 – 2016

### Deputy General Secretary - Academics, Association of Civil Engineering, IIT Guwahati

Led a team of 8 students (UG & PG) to conduct 4 guest lectures, 2 workshops, 1 International Conference on Waste Management, and the annual technical competition, Recycle.

## AWARDS

### 1st, Quiz Contest, Udgaar'19

15th Annual Mega Youth Festival, ISKCON, JNU

### 1st, Arm Wrestling, Spardha'17

U-77kg, Annual sports event, IITG

### 3rd, Portfolio Pitch, Techniche'16

Annual techno-management festival, IITG

### Among 0.1%, JEE (Advance)'14

All India competitive entrance exam for IITs

## SKILLS

### Data Analysis

SQL, MS Excel, Python, R Studio, Predictive Analysis

### Data Visualisation

Excel, Tableau, Data Studio, Power BI

### Market Research

Primary and Secondary

## KEY COURSES

### Masters in Economics

- Statistics: Descriptive and Inferential
- Econometrics: Regression Analysis
- Mathematical Methods in Economics: Real Analysis, Linear Algebra, Optimisation, Sentential Logic
- Financial Structures and Economic Development

### Datacamp

- Relational Database and SQL