

# Swarnima Pathak

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## Academic Details

Year	Degree	Institute	GPA
2022	Young India Fellowship (P.G.D.)	Ashoka University	3.5/4
2021	Bachelor of Travel & Tourism Management	Amity University, Gurgaon	9.31/10
2014	Senior School	Pratt Memorial School, Kolkata	85.0%
2012	High School	Rajasthan Vidya Mandir, Kolkata	92.0%

## Experience

### Jobs

- Apr 2023-  
Ongoing **Research Assistant**, *India Autism Center & Institute of Neuroscience*, PROF. BHISMADEV CHAKRABARTI.
- Collecting qualitative data by interviewing people over the age of 60 who suffer from Autism Spectrum Disorder, Parkinson's or both, for understanding these diseases in the Indian setting.
  - First work that is studying this problem in an Indian cultural and environmental context and differentiating between diagnosed Parkinson's and Parkinsonism.
  - Collected data for 330 people: 110 Parkinson's disease patients and 110 each for the control sets: other motor disease patients and neurotypicals.
  - Working on analysis (using Jamovi) of collected data to publish our findings where we have interesting preliminary findings on striking differences between males and females.
- Aug 2022 - **Junior Content Writer**, *Writtenly Hub*.
- Oct 2022
- Creating engaging and new content for blogs, articles and landing pages.
  - Conducting thorough research to create aggregated news pieces and opinion articles.

### Projects

- December 2022-  
Ongoing **Survey : Comparative Study of Object vs Scene Perception and Processing in Humans**.
- Surveying literature on texture, object and scene perception in humans and their interactions.
  - Compiling a survey of object based visual perception and working with ML researchers to incorporate findings in neural network models.
- Summer 2022 **Experimental Design for Psychology**, *Science, Emotions and Empathy Course Project*, PROF. BHISMADEV CHAKRABARTI.
- Proposed experiment design for identifying newborn male babies' likeness to angry vs happy faces.
  - Analysed possible affect of confounds and noise inducing sources to propose effective mitigating strategies like randomizing and repeating the trial.
- Summer 2022 **Analysis of the Poverty of Stimulus**, *Philosophy and Cognitive Science Course Project*, PROF. RITWIK AGRAWAL.
- Studied the Poverty of Stimulus argument, particularly in connection with the invention of language by children.
  - Investigated the implications of the Poverty of Stimulus on the study of language and mind.
- Fall 2021 **Unsupervised Bias Detection using Counterfactuals**, *Course Project*, PROF. DEBAYAN GUPTA.
- Proposed methodologies for unsupervised bias detection in text through counterfactuals using basic ML and linguistic analysis.
  - Showed extensions to bias understanding and sensitisation training for humans.
  - Performed extensive literature survey of relevant psychological and technical material.

Fall 2021 **The Last Leaf, Art Appreciation Course Project**, PROF. ANUNAYA CHAUBEY.

- Created a photo series documenting my journey through fibroid surgery with an aim of creating awareness about a neglected problem affecting over 50% women.
- Used Baroque and Romanticist themes with direct inspiration from artwork like the Vitruvian Man, etc.

YIF **Diversity and Inclusion in Indian Entrepreneurship**, *TiE Delhi*, ELM, YIF.

- Researching under-served groups in Indian entrepreneurship, the challenges they face and policies and practices to tap their potential.
- Identifying organisations and funding/sponsorship options for creating and implementing programs to benefit under-served segments.

Spring 2021 **Analysis of the Northern Ramayana Circuit and Hindu Religious Tourism in India**, *Thesis Project*, BTM.

- Compiled, analysed and presented travel and tourism data showing change in footfall and economic impact of the creation of the Ramayana Circuit with a focus the the Northern cities.
- Analysed and presented motives and their impact behind Hindu religious tourism in India.
- Presented policy change suggestions to increase impact of introduction of the circuit.

### Positions of Responsibility

Fall 2021 - **Content Writer**, *Communications Committee*, YOUNG INDIA FELLOWSHIP.

- Summer 2022
- Responsible for working with fellows, alumni and faculty to create content like images, write-ups etc. documenting the YIF life.
  - Conceptualising and working on YIF Newsletter and Ashoka Podcasts.

Spring 2017 - **Head of Logistics / Program Manager**, *Saakar*, AMITY NGO.

- Fall 2020
- Coordinated a team of 20 students that organised events like distribution drives for the poor and raised over 6K for the cause.
  - Set up campaigns for a women empowerment event as a part of the organising committee. Came up with contribution ideas and set up clothes for the poor and needy during winters.
  - Took part in organising and coordinating in an event for awareness on mental health.

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### Relevant Courses (Grades)

YIF Philosophy and Cognitive Science, Science of Emotions and Empathy, The New Geography of the Information Age, Critical Writing, The Ideology Seminar, Women Society and Changing India, Art Appreciation, Foundations of Leadership, Cinema and Communication, Totalitarian Century, Economics and Public Policy, Indian Society, International Trade and Macroeconomics, Deconstructing Select Indian Foreign Policy Challenges and Responses

Swayam (by May 2023) Statistics in Psychology, Intro to Probability and Statistics, Psychiatry, Intro to Psychology, Intro to Cognitive Psychology, Human Behaviour, Language and Mind

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### Extra Curricular

Feb 2019 - **Blogging and Vlogging.**

- Present
- Women's Web blog : [my home page](#) – My [article on the plight of mothers](#) is one of the most visited, liked and shared posts on the site and their social media accounts.
  - Instagram : [@sundaybornbao](#) – photography and poetry.
  - Personal Blog : [Not Your Comfort Zone](#)

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### Achievements

2017-21 **Department Rank 1** at graduation in the BTM'21 batch - Dept. of Hospitality and Tourism, Amity University Gurgaon.

Fall 2020 Secured **1st** position in Sustainable Development Ideation contest.

Fall 2020 Secured **2nd** position in an Essay Writing competition organised by Amity University on World Tourism Day.