


# PURVI DAS

IITG, Guwahati, Assam

 [purvidas](#)

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 [linkedin.com/in/purvi-das](https://www.linkedin.com/in/purvi-das)

 [github.com/purvidas](https://github.com/purvidas)

## Education

**Indian Institute of Information Technology, Guwahati** **2019-2023**  
*Bachelor of Technology, Electronics and Communication Engineering* *India*

**Central Board of Secondary Education** **2007-2019**  
*AISSE and AISSCE* *India*

## Relevant Coursework

- Data Structures
- Algorithms
- Operating Systems
- Computer Architecture
- Linear Algebra
- Differential Equations
- Semiconductors
- Digital Signal Processing
- Digital Communication

## Experience

**Indian Institute of Information Technology, Guwahati** **May 2021 - Present**  
*Undergraduate Researcher* *Guwahati, India*

- Working in the domain of MIMO communication systems

**Indian Institute of Information Technology, Guwahati** **April 2021 - Present**  
*Research Intern, Department of Humanities and Social Sciences* *Guwahati, India*

- Studying the impact of COVID-19 on women in the educational field.

**Defence Research and Development Organisation** **May 2021 - July 2021**  
*Research Intern* *Hyderabad, India*

- Studied different RADAR communication wave forms.
- Worked in developing a Deep Neural Network for classification of RADAR waveforms in MATLAB environment.

## Positions of Responsibility

**Editor | E-Cell IITG** **Oct 2019 - Present**

- Conducted several talks and workshop promoting the entrepreneurship culture in the institute.
- Curated several articles and worked as an editor for the inaugural edition for yearbook of E-Cell IITG.

**Editorial Board | TEDxIITG** **Jan 2021 - Apr 2021**

- Successfully conducted the first ever TEDx of IITG and served as an editor for the same.

## Technical Skills

**Programming Languages** Python, MATLAB, Java, C, MIPS32(Assembly Language), HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform, MATLAB

**Technologies/Frameworks:** Linux, GitHub, WordPress

**Languages** English, Hindi, Assamese, Sanskrit

## Leadership / Extracurricular

**Rashtrapati Guide** **Batch 2016-17**  
*President of India's Awardee* *Bharat Scouts and Guides*

**Bachelor of Music(BMus) in Kathak** **Batch 2016-17**  
*Bhatkhande Music Institute, Lucknow*