

# Ayush Tripathi

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## EXPERIENCE

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### Indian Institute of Technology, Indore

Assistant Professor  
Department of Electrical Engineering

Indore India  
September 2025 - present

### Beth Israel Deaconess Medical Center, Harvard Medical School

Postdoctoral Research Fellow

Boston, MA, USA  
June 2024 - August 2025

- Supervisor: Dr. M. Brandon Westover
- Project: Complete AI Sleep Report (CAISR)

### TCS Research & Innovation

Systems Engineer

Mumbai, India  
July 2019 - September 2020

- Supervisors: Dr. Sunil Kumar Kopparapu, Dr. Rupayan Chakraborty
- Project: Analyzing Audio biomarkers for early state detection of Dysarthria and Dementia

### Arizona State University

Research Aide

Tempe, Arizona, USA  
Summer 2018

- Supervisor: Dr. Visar Berisha
- Project: Development of a nasality grading system for adult Dysarthric subjects.

### Indian Institute of Technology, Guwahati

Research Intern

Guwahati, India  
Summer 2017

- Supervisor: Dr. S.R. Mahadeva Prasanna
- Project: Development of a signal processing based hypernasality grading system.

## EDUCATION

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### Indian Institute of Technology Delhi

Ph.D. in Electrical Engineering (PMRF Fellow), CGPA: 9.52/10  
Supervisors: Dr. Lalan Kumar & Dr. Prathosh A.P.

New Delhi, India  
September 2020 - May 2024

### Visvesvaraya National Institute of Technology Nagpur

B.Tech. in Electrical and Electronics Engineering  
CGPA: 9.09/10, Department Rank : 3

Nagpur, India  
2015 - 2019