

Ayush Tripathi

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EXPERIENCE

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

Indian Institute of Technology Delhi

Ph.D. in Electrical Engineering (PMRF Fellow), CGPA: 9.52/10

New Delhi, India

September 2020 - May 2024

Supervisors: Dr. Lalan Kumar & Dr. Prathosh A.P.

Visvesvaraya National Institute of Technology Nagpur

B.Tech. in Electrical and Electronics Engineering

CGPA: 9.09/10, Department Rank : 3

Nagpur, India

2015 - 2019