

# Jobin K. V.

PhD in Electronics and Communication  
at IIIT Hyderabad  
Advisor: Prof. C. V. Jawahar

Center for Visual Information  
Technology (CVIT) IIIT Hyderabad,  
500032, Hyderabad, India  
Email: [jobin.kv@research.iiit.ac.in](mailto:jobin.kv@research.iiit.ac.in)  
Webpage: <https://jobinkv.github.io>  
Ph: +91 9809816963

## EXPERIENCE

### CVIT, IIIT-Hyderabad, Hyderabad— *Graduate researcher*

2015 - PRESENT

Working on multiple projects in Document image analysis space.

### CVIT, IIIT-Hyderabad, Hyderabad—*Trainee Engineer*

2013-2015

The project was MCIT, GoI funded, aimed at developing OCRs for Indian languages. My role was to improve the document layout segmentation.

### CET, Trivandrum— *Graduate researcher*

2011 - 2012

The project was aimed at developing traffic management in Indian roads. My role was to improve the vehicle number plate recognition.

## ACHIEVEMENTS/AWARDS

2020- IAPR Best paper award; 6th IAPR International Conference on Computer Vision & Image Processing (CVIP-2021)

2015 - Visvesvaraya PhD fellowship

2015 - Runner up - Microsoft Azure ML Hackathon held at IIIT Hyderabad

2011 - GATE Scholarship

## SELECTED PUBLICATION

Jobin, K. V., Anand Mishra, and C. V. Jawahar. "Semantic Labels-Aware Transformer Model for Searching Over a Large Collection of Lecture-Slides." WACV 2024.

Jobin, K.V., Mondal, A. & Jawahar, C.V. Document Image Analysis Using Deep Multi-modular Features. SN COMPUT. SCI. 4, 5 (2023).

Jobin, K.V., Mondal, A., Jawahar, C.V. (2022). Classroom Slide Narration System. In: CVIP 2021. vol 1568. Springer

Jobin, K.V., A. Mondal and C. V. Jawahar, DocFigure: A Dataset for

## EDUCATION

2015-2023  
PhD in ECE  
IIIT Hyderabad

2013-2015.  
MS in ECE  
IIIT Hyderabad

2011-2012  
M.tech in Signal processing  
CET Trivandrum

2006-2010  
B.tech in ECE  
CEA Adoor

## SKILLS

**Programming:** Python, Matlab, Latex, java.

**Libraries:** Pytorch, Keras, scikit learn, opencv

## COURSEWORK

Machine Learning,

Computer Vision

Neural Networks

Optimization Methods

Digital Image Processing

