

# Jobin K. V.

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

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## 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., 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 Scientific Document Figure Classification, In: ICDARW, Sydney

Jobin, K.V., Jawahar, C.V. (2018). Document Image Segmentation Using Deep Features. In: NCVPRIPG 2017.

## 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