Jobin K. V.

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

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EXPERIENCE

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

2015 - PRESENT

Worked 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