# Praveen **Krishnan**

PHD CANDIDATE IN CSE

*Center for Visual Information Technology, Kohli Research Block, IIIT Hyderabad, INDIA*

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## Summary

I am a senior PhD student at **IIIT Hyderabad**, working under **Prof. C.V. Jawahar**. My research focuses on the problem of information retrieval from scanned handwritten/printed document image collections.

RESEARCH INTERESTS: Computer Vision, Information Retrieval, Machine Learning and Document Image Analysis.

## Education

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| **International Institute of Information Technology, Hyderabad** | *Hyderabad* |
| PHD CANDIDATE IN CSE | *2013-Present* |
| **Amrita School of Engineering** | *Coimbatore* |
| M.TECH. IN COMPUTATIONAL ENGINEERING AND NETWORKING | *2009 - 2011* |
| **Amrita Institute of Science and Technology** | *Kollam* |
| B.TECH. IN INFORMATION TECHNOLOGY | *2003 - 2007* |

## Work Experience

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| Jan'12-Present | Research Assistant at Center for Visual Information Technology, IIIT Hyderabad | *Hyderabad* |
| July'11-Dec'11 | Faculty Associate at CSE dept, Amrita School of Engineering | *Coimbatore* |
| June'07-'09 | Technical Associate at Tech Mahindra Limited | *Pune* |

## Selected Publications

- **Praveen Krishnan**, Kartik Dutta and C. V. Jawahar. Word Spotting and Recognition using Deep Embedding, DAS 2018 (Oral).
- Kartik Dutta, **Praveen Krishnan**, Minesh Mathew and C. V. Jawahar, Towards Spotting and Recognition of Handwritten Documents in Indic Scripts, ICFHR 2018 (Oral)
- **Praveen Krishnan** and C.V. Jawahar, Matching Handwritten Document Images, ECCV 2016.
- **Praveen Krishnan**, Kartik Dutta and C.V. Jawahar, Deep Feature Embedding for Accurate Recognition and Retrieval of Handwritten Text, ICFHR 2016 (Oral).
- **Praveen Krishnan**, Naveen Sankaran, Ajeet Kumar Singh and C. V. Jawahar, Towards a Robust OCR System for Indic Scripts, DAS 2014
- **Praveen Krishnan** and C.V. Jawahar, Bringing Semantics in Word Image Retrieval, ICDAR 2013.
- **Praveen Krishnan**, Ravi Shekar, C.V. Jawahar, Content Level Access to Digital Library of India Pages, ICVGIP 2012 (Oral).

**h-index: 6 and Total Citations: 101** (Source Google Scholar on Dec'18)
For detailed publication list, please visit Google Scholar page: `https://bit.ly/2QTMtfY`

## Awards & Fellowships

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| April'18 | IAPR Nakano Best Paper Award at DAS'18 | *Vienna* |
| Aug'18-Present | Amazon Alexa Fellow | |
| Oct'16 | Google Travel Grant to attend ECCV'16 | *Amsterdam* |
| July'13-18 | TCS Research Fellow | |
| Jan'12-July'13 | IIIT Institute Fellowship | |
| July'09-11 | GATE Scholarship | |

## Recent Talks & Presentations

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| Aug'18 | Presented two oral and a poster presentation at ICFHR 2018. | *New York* |
| April'18 | Presented two oral presentation at DAS 2018. | *Vienna* |
| Aug'17 | Gave a talk at TCS Innovation Lab on the topic "Learning Representation for Word Images". | *Pune* |

## Professional Activities

- Served as program committee member for ACCV'18, ICVGIP-'14,'16 and '18.
- Conducted a short course on "Feature Learning and Embedding Techniques" at IIIT Hyderabad from May-June'2017.
- Served as junior instructor for executive course on "Foundations in AI and ML" held at IIIT, Hyderabad from Aug-Sept 2018.
- Coordinator for lab session at summer school on deep learning for computer vision (SSDLCV) held at IIIT Hyderabad in July'16,'17 and '18.
- Conducted lab session at DAS'2014 on "Building Scalable Solutions for Document Retrieval and Recognition" held at Tours, France.
- Served as center cluster admin from 2013-2015.