SUBEESH VASU

ESB 320
Image Processing and Computer Vision lab
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RESEARCH INTERESTS

Scene inference, Image restoration, Underwater imaging.

EDUCATION

IIT Madras, Chennai, India [May 2013 - present]
Ph.D, Image Processing and Computer Vision
CGPA: 9.57/10

NIT Calicut, Kerala, India [2010 - 2012]
Master of Technology, Signal Processing
CGPA: 8.63/10

GEC Idukki, Kerala, India [2005 - 2009]
Bachelor of Technology, Electronics and Communication Engineering
Percentage: 71.4 %

PUBLICATIONS

Subeesh Vasu, and A. N. Rajagopalan. "From local to global: Edge profiles to camera motion in blurred images," in IEEE Conference on Computer Vision and Pattern Recognition (CVPR), July 2017.

Kuldeep Purohit, *Subeesh Vasu*, A. N. Rajagopalan, V Bala Naga Jyothi, and Ramesh Raju. "Mosaicing Deep Underwater Imagery," in Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP), December 2016.

Karthik Seemakurthy, *Subeesh Vasu*, and A.N. Rajagopalan. "Deskewing by space-variant deblurring," in British Machine Vision Conference (BMVC), September 2016.

Subeesh Vasu, A.N. Rajagopalan, and Guna Seetharaman. "Tapping Motion Blur for Robust Normal Estimation of Planar Scenes," in International Conference on Image Processing (ICIP), September 2015.

TEACHING EXPERIENCE

Teaching Assistant, IIT Madras
Assisted in conducting lab assignments and class tutorials for the following courses:
Image Signal Processing - Prof. A.N. Rajagopalan
Probability Foundations for Electrical Engineers - Prof. Krishna Jagan-

nathan
Basic Electrical Engineering - Prof. A.N. Rajagopalan

PROFESSIONAL ACTIVITIES

Reviewer for the following conferences:
National Conference on Communications (NCC) 2017

Assisted Prof. A.N. Rajagopalan in reviewing for the following conferences/journals:
Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP) 2016
Journal of Visual Communication and Image Representation (JVCIR)
International Conference on Advances in Pattern Recognition (ICAPR) 2015

COURSEWORK

Probability Foundations for Signal Processing, Mathematical Methods and Algorithms for Signal Processing, Digital Signal Processing, Image Signal Processing, Optimization Methods in Signal Processing and Communications, Detection and Estimation Theory, Digital Video Processing.

CONFERENCES/ WORKSHOPS ATTENDED:

"Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP)", IISc Bangalore, India, December 2014.
"Summer School on Deep Learning for Computer Vision", IIIT Hyderabad, India, July 2016.
"National Conference on Communications (NCC)", IIT Madras, India, March 2017.
"Summer School on Computer Vision", IIIT Hyderabad, India, July 2017.
"IEEE Conference on Computer Vision and Pattern Recognition (CVPR)", Honolulu, Hawaii, July 2017.

REFERENCES

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