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G. Scholar: h-index: 3, citations: 10 (retrieved 01 February 2023)

Sem. Scholar: h-index: 3, citations: 17 (retrieved 02 February 2023)

Education	2007 – 2011: Bachelor of Technology, Electronics and Communication Engineering, Sri Venkateswara University College of Engineering, Tirupati, India 2011 – 2015: Master of Science, Electrical Engineering, Indian Institute of Technology Madras, India GPA 9.2/10 2018 – 2019 : Completed 35 credits towards Masters in Informatik with GPA 1.2 University of Siegen, Germany 2019 – : Pursuing PhD, University of Siegen, Germany
Professional Career	04/2019 – 09/2023: PhD Candidate, University of Siegen, Germany
Research Interests	Deep Learning, Robustness, Computer Vision, Image reconstruction, Optimization, Wireless Communications.
Projects	2022 – 2023 : Adversarial Robustness of CT recovery, Improving adversarial training 2021 – 2022 : Group invariant Image Classification, Text guided scene editing, Adversarial Robustness of Image Deblurring 2019 – 2020 : Deep generative models for light fields, Single image reflection separation. 2012 – 2014: Wireless Channel Estimation, Co-channel interference mitigation for down-link OFDM systems.
Publications	1 Journals, 5 Conference Papers (peer-reviewed)
Coding Skills	Python, MATLAB, C++, PyTorch
Teaching Experience	Teaching assistant Numerical Methods for Visual Computing 2019 co-supervised 2 bachelor theses in wireless communications(2012-2014), 5 masters projects in deep learning for computer vision (2020 –)
Professional services	Reviewer IEEE Sensors Journal, CVPR 2023
Personal Details	Indian, Married, 1 child

Publications

- Preprint
 - **K. V. Gandikota**, P. Chandramouli, H. Droege, M. Moeller “Evaluating Adversarial Robustness of Low dose CT Recovery,” conference submission under review.
- Journal Publications
 - P. Chandramouli*, **K. V. Gandikota***, A. Goerlitz, A. Kolb, M. Moeller “Generative models for generic light field reconstruction,” *IEEE Transactions on Pattern Analysis and Machine Intelligence* April 2022.
- Conference Publications
 - **K. V. Gandikota**, J. Geiping, Z. Löhner, A. Czapliński, Michael Moeller “A Simple Strategy to Provable Invariance via Orbit Mapping,” *Proc. Asian Conference on Computer Vision (ACCV)*, 2022
 - P. Chandramouli, **K. V. Gandikota** “LDEdit: Towards Generalized Text Guided Image Manipulation via Latent Diffusion Models,” *Proc. British Machine Vision Conference (BMVC)*, 2022.
 - **K. V. Gandikota**, P. Chandramouli, M. Moeller “On Adversarial Robustness of Deep Image Deblurring,” *Proc. IEEE International Conference on Image Processing ICIP()*, 2022.
 - G. Hegde*, A. N. Ramesh*, **K. V. Gandikota***, R. Obermaier, M. Moeller “A Simple Domain Shifting Network for Generating Low Quality Images” *Proc. 25th International Conference on Pattern Recognition (ICPR)*, 2020
 - P. Chandramouli, **K. V. Gandikota** “Blind single image reflection suppression for face images using deep generative priors,” *Proc. IEEE International Conference on Computer Vision Workshops (ICCVW)*, 2019.