

Mr. V V Bhargav Bikkani

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Biography

I am currently a Ph.D graduate student at IIT Kharagpur working on Phased array Systems. I have completed my M.Tech from NIT Durgapur in 2012 and B.Tech from JNTU Kakinada in 2009. I have worked as Assistant Professor at K L University from July to December 2012. My research interests are in the intersection of Electromagnetics, Signal Processing and Optimization Theory.

Awards & Honors

1. Recipient of Ministry of Human Resource Development (MHRD) scholarship at IIT Kharagpur, Kharagpur, India, 2013-to-2018.
 2. Recipient of Ministry of Human Resource Development (MHRD) scholarship at NIT Durgapur, India, 2010-2012.
 3. GATE-2012 Rank-5126.
 4. GATE-2010 Rank-2673.
 5. PGECET-2009(State level PG Entrance Examination) Rank-35.
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Selected Publications <give details of latest 5 publications>

1. G. K. Mahanti, **V. V. B. Bikkani** and S. K. Mandal, "Placement of wide nulls in the radiation pattern of a linear array antenna using iterative Fast Fourier transform," 2012 IEEE International Conference on Signal Processing, Communication and Computing (ICSPCC 2012), 2012, pp. 552-555, doi: 10.1109/ICSPCC.2012.6335580.
2. **V. V. B. Bikkani**, G. K. Mahanti and B. C. Mahato, "Iterative Fast Fourier transform for placing nulls in broadside linear array antenna with minimum side lobe level and fixed dynamic range ratio," 2011 IEEE Applied Electromagnetics Conference (AEMC), 2011, pp. 1-4, doi: 10.1109/AEMC.2011.6256837.
3. **V. V. B. Bikkani**, G. K. Mahanti and B. C. Mahato, "Minimization of side lobe level of scanned linear array antenna with fixed dynamic range ratio utilizing iterative fast Fourier transform," 2011 IEEE Applied Electromagnetics Conference (AEMC), 2011, pp. 1-4, doi: 10.1109/AEMC.2011.6256836.
4. P. Harikumar, **V. V. B. Bikkani**, G. K. Mahanti and B. C. Mahato, "Phase-only side lobe level reduction of uniformly excited linear array antenna using iterative Fast Fourier transform," 2011 Annual IEEE India Conference, 2011, pp. 1-4, doi: 10.1109/INDCON.2011.6139456.