


## FACULTY PROFILE

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Educational Qualification		Ph.D.( ECE) M.E. (Communication Systems) B.Tech. (ECE)	
Subject of Interest	:	<ul style="list-style-type: none"> <li>• Signal processing for communication systems</li> <li>• RF MEMS</li> <li>• Antenna design.</li> </ul>	
Publications :	:	<p>[1] <b>SPK. Babu</b>, M. F. M. Salleh and Farid Ghani, “Reduced complexity optimum detector for Block Data Transmission Systems”, <i>IEICE Electron. Express</i>, Vol. 6, No. 23, pp.1649-1655, (2009). <b>Impact Factor = 0.5</b></p> <p>[2] Mahmoud A M Albreem, M.F.M.Salleh, SPK.Babu," Reduced Complexity Optimum detector for block data transmission systems using Lattice Sphere decoding technique, <i>IEICE Electronics Express</i>, Vol.8, No.9, 644-649 <b>Impact Factor = 0.5</b></p> <p>[3] S. Banu, A. Vishwapriya, R. Yogamathi, A.V. Meenakshi and S.P.K. Babu, "Analysis and Comparison of a Coplanar Waveguide and Micro Strip based Rectenna", <i>Bonfring International Journal of Research in Communication Engineering</i>, Vol. 2, No. 3, September 2012, pp 8-13</p> <p>[4] S. Banu, A. Vishwapriya, R. Yogamathi, A.V. Meenakshi and S.P.K. Babu, "Implementation and Performance Analysis of N-Way Wilkinson Power Divider", <i>Consumer Electronic Times</i>, Vol. 1 No. 1 2012 PP. 23-26</p> <p>[5] Jeevanantham S, Dr. SPK.Babu, "Improvising Routing and Security in MANET with Game Theory, <i>International Journal of Scientific Engineering and Applied Science (IJSEAS)</i> - Volume-1, Issue-2, May 2015, ISSN: 2395-3470</p> <p>[6] Gandhimathi.G., Hemalatha .A., Babu. S.P.K., “Evaluation of Levinson-Durbin Recursion Method for Source-Filter Model based Artificial Bandwidth Extension Systems” <i>International Journal of Scientific and Engineering Research (IJSER)</i> - (ISSN 2229-5518) Volume 6, Issue 3, March 2015 (Scopus) .</p> <p>[7] Gandhimathi.G., Hemalatha .A., Babu. S.P.K., “Evaluation of Different Auto regressive Modeling Methods for Source-Filter Model based Artificial Bandwidth Extension Systems ” <i>International Journal of Applied Engineering Research (IJAER)</i> Online ISSN 1087--1090 Volume 6, Issue 3, March 2015 (Scopus)</p>	

		<p>[8] N.Thamil Selvi, P.ThiruvalarSelavan, SPK.Babu, R. Pandeewari, R.Samson Daniel, ‘A Broad-Side Coupled SRR inspired CPW Fed Dual Band Antenna for WiMAX and WAVE Applications’ Progress in Electromagnetic Research C. VOL 80, 221-231, 2018. (Scopus Indexed)</p> <p>[9] N.Thamil Selvi, P.ThiruvalarSelavan, SPK.Babu, R. Pandeewari, ‘An Inset-Fed Rectangular Microstrip Patch Antenna with Multiple Split Ring Resonator Loading for WLAN and RF-ID Applications’, Progress in Electromagnetic Research C VOL 81, 41-51, 2018. (Scopus Indexed)</p> <p>[10] N.Thamil Selvi, P.ThiruvalarSelavan, SPK.Babu, ‘ EC-SRR Inspired CPW-Fed Triple Band Antenna with Staircase Shaped Ground Plane for WLAN and C-band Applications’, International Journal of Microwave and Optical Technology, Vol.13, No.4, 299 – 309, July 2018. (Scopus Indexed)</p> <p>[11] N.Thamil Selvi, P.ThiruvalarSelavan, SPK.Babu, R. Pandeewari, ‘A CPW-fed Multi Band Split Ring Resonator Loaded Monopole Antenna for UMTS/WLAN/WiMAX/C-Band Applications’ Special Issue Computers and Electrical Engineering (Elsevier – Under Review )</p>
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