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LIST OF PUBLICATIONS

Journals:

- 1 **Pankaj Tripathi**, Preeti Kumari, B. Sahu, Rahul Singh, S. P. Singh, D. Kumar, "Filletted RDRA using novel ceramic dielectric (3G-BST) with stable gain and improved bandwidth for X-band application", *Ceramics International*, 44 (2018) 5045–5054.
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- 3 **Pankaj Tripathi**, Preeti Kumari, R. Singh, B. Sahu, S.P. Singh, Devendra Kumar, "Cylindrical dielectric resonator antenna excited by a composite feed to generate monopole like radiation characteristics", *Journal of Electronic Materials* (Springer), 2018.
- 4 **Pankaj Tripathi**, Preeti Kumari, S.P. Singh, Devendra Kumar, "Dielectric Resonator Antennas Using Ceramic Dielectric: A Review and Current State of the Art", *International Material Reviews* (**Communicated**)

International Conference:

- 1 **Pankaj Tripathi**, Preeti Kumari, Bhagirath Sahu, Om Parkash, S. P. Singh, Devendra Kumar, Dual segment cylindrical dielectric resonator antenna excited by a novel composite feed, *IEEE International Conference on Microwaves and Photonics (ICMAP-2018)* at IIT(ISM) Dhanbad, Feb 9-11, 2018.
- 2 **Pankaj Tripathi**, Bhagirath Sahu, Preeti Kumari, Om Parkash, S. P. Singh and Devendra Kumar, "Filletted Rectangular Dielectric Resonator Antenna Using BST Ceramic with Improved Bandwidth" *5th IEEE Applied Electromagnetics Conference (AEMC-2015)* at IIT Guwahati, Assam, December 18 -21, 2015.
- 3 **Pankaj Tripathi**, Preeti Kumari, Bhagirath Sahu, S. P. Singh, Om Parkash and Devendra Kumar, "Design of rectangular dielectric resonator antenna using glass added barium strontium titanate" *IEEE International Conference on Microwaves and Photonics (ICMAP-2015)* at ISM Dhanbad, December 11-13, 2015.