

5th International Conference on Multimedia, Signal Processing and Communication Technologies

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Organized by
Department of Electronics Engineering, Aligarh Muslim University, Aligarh

**Special Session
on**

<Terahertz Antennas>

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Detail of the special session in not more than 300 words:

THz spectrum is being explored for the future wireless applications. The usability of THz frequency band especially in the ranges of 0.1 to 10 THz is expected in the defense, medical and communication systems. The future application require the higher data transfer rate which can be possible with the development of THz systems. Antennas are the front warriors for establishing the wireless link over the free space. The implementation of antenna with the advanced features which can make it compatible with the future technology must be explored timely. The implementation of THz antennas is on the way now and researchers are working hard to develop them equipped with the multiple features like reconfigurability, high gain, wide bandwidth, high radiation efficiency and many more.