

Applications of DSP in embedded system and Patent Rights

Fifth technical talk conducted on 10th November 2017 was delivered by Dr. U.C. Niranjana Adjunct. Professor, M I T Manipal, on the topic “Applications of DSP in embedded system and Patent Rights” .



Different applications of signal processing in embedded systems designed for medical imaging, computer graphics, home theatre and telecommunications etc. are highlighted in the talk by the resource person. Need of sampling of continuous signal and roll of DSP processor to execute algorithms and perform numerical processing were discussed.



He also explained the characteristics of good signal processor such as, fast in speed of processing, flexibility in computational devices, extended precision and dynamic range in computation units. Address generation in DSP and memory architecture are also elaborated. He Concluded a talk by giving different applications and patents rights, how to fill the patents.