



## Department of Electronics and Telecommunication Engineering

### Innovative Teaching Learning Report

<b>Year</b>	2021-22 SEMESTER II – SE [E&TC]
<b>Name of Subject:</b>	Signals and Systems [204191]
<b>Course:</b>	2019 pattern
<b>Name of Innovative Teaching Method Adopted</b>	Use of Model
<b>Description:</b>	Convolution is one of the difficult mathematical tool in Signals and Systems subject. Models (cut outs) are prepared by using waste material of card board. These models are of Unit step signal, Exponential signal, Rectangular signal, triangular signal and Signum signal. These models are used to learn Convolution concept with interest and fun.
<b>Implemented on</b>	23 <sup>rd</sup> March 2022
<b>Outcome</b>	Students were able to evaluate process of convolution – folding, shifting and integration calculation to find convolution integral. Skill achieved: Knowledge, Analysis, Investigation, Team work, Communication, Lifelong learning

**Evidences:**



**Dr. C. A. Manjare**  
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