

## Synthesis of Oligo (p-phenylene vinylene)s with Improved Chemo and Electro Sensing Properties

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Oligo (p-phenylene vinylene)s containing s-triazine ring have synthesized to study their chemosensing properties. Polymerizations were carried in presence of potassium tert-butoxide and chain transfer agents. Effect of quencher on quenching mechanism of oligomers in solution was followed.  $\pi$ - Conjugated oligomers showed high fluorescence. The effect of chemical modification on chemo and electro sensing properties of Oligo (p-phenylene vinylene)s containing s-triazine ring has discussed. Oligomers also explored for their application as chemosensor.