Research papers

Publications:

(A). Research papers published:
   (1). Synthesis and Study of New Homologous Series of Mesogens:
       n-Butyl-p-(p'-n-alkoxy cinnamoyloxy) Cinnamates.

(B). Research paper accepted:
   Following research papers have been accepted for publication in Vol. 3 of
   (1). Synthesis and Study of Mesogenic Material Through Homologous Series
       n-pentyl-p-(p'-n-alkoxy cinnamoyloxy) Cinnamates.
   (2). Synthesis and Study of a New Homologous Series of Cis Cinnamate
   (3). Synthesis and Study of a New Ester Homologous Series: Ethyl-p-(p'
       -n-alkoxy Cinnamoyloxy) Cinnamates.
   (4). Synthesis and Study of a New Homologous Series of Cis n-Propyl-p-(p'
       -n-alkoxy Cinnamoyloxy) Cinnamates.
   (5). Synthesis and Study of a New Mesomorphic Series: p-(p'-n-alkoxy
       Cinnamoyloxy) β-benzoyl Styrenes.

(C). Research papers accepted for publication, the copy of which note received
   ill the date which were likely to receive by February, 2011 from the publisher of
   the journal “Acta ciencia indica” Meerut.
   (1). Study of Mesomorphism and its Relation to Molecular Structure with
       Special Reference to Central Bridges viz. -COO- and -CH=CH-COO- of
       the Homologous Series.


(E). **Research paper presented** in poster session at the 17\textsuperscript{th} national conference of liquid crystals held at, Department of chemistry, Vir Narmad South Gujarat university Surat (Gujarat) in September. 2010 and submitted for publication in the journal [MCLC] “Molecular Crystal Liquid Crystal” U.K. entitled: Synthesis and Study of new Liquid-Crystalline material through Homologous series: Isobutyl-p(p'-n-alkoxy cinnamoyloxy) cinnamates.

A copy of each research paper with its status for publication is enclosed at the end of the present thesis after references section.