LIST OF RESEARCH PUBLICATIONS

Publications form work presented in thesis:

   Kumar, P.; Bhatia, R.; Kumar, D.; Kamboj, R. C.; Kumar, S.; Raj Kamal; Kumar, R.

2. Synthesis of some benzothiazoles by developing a new protocol using urea nitrate as a catalyst and their antimicrobial activities
   Kumar, P.; Bhatia, R.; Khanna, R.; Dalal, A.; Kumar, D.; Surain, P.; Kamboj, R. C.

Papers to be communicated:

1. Synthesis of Furoxanthenones via Tandem Sigmatropic shifts and Norrish Type-II reactions.

2. Synthesis and antimicrobial evaluation of some new benzothiazoles

Abstracts in Conferences

1. SiO$_2$-HNO$_3$ catalysed economic and practical method for efficient of 2-aryl/heteroarylbenzothiazoles
   Bhatia, R. et al

2. A practical method for synthesis of 1,3,5-trisubstituted pyrazoles from pyrazolines using SiO$_2$-HNO$_3$
   Bhatia, R. et al

Other Publications:

1. One-shot photochemical synthesis of 5-(thiophen-3-yl)pyrano[2,3-c]chromen-2(3H)-ones from 3-propynyloxy-chromenones: a case of an intramolecular Paterno–Buchi reaction.
2. Green synthesis of thieno[2,3-c]xanthen-6-ones through the tandem photochemical sigmatropic shift and cyclization.

3. Photochemical and thermal transformations of some diallyl-1-benzo cyclopropanes.