PUBLICATIONS FORMING THE BASIS OF THE THESIS

1. A simple sodium hypochlorite based spectrophotometric determination of trace quantities of iridium of gilding metal used in bullet jackets.

   **M. Kiran Kumar**, N.G. Prabhakar, B.M. Mohan and G Nagendrappa*.  

2. Scanning Electron Microscopy in discriminating between ricochet or direct bullet hitting the target- A case report.

   **M. Kiran Kumar**, G.Chandrika,, N.G. Prabhakar, B.M. Mohan and G Nagendrappa*.  

3. Microscopic and spectrometric characterization of trace evidence materials present on the discharged lead bullet and shot- A case report.

   **M. Kiran Kumar**, G.Chandrika, N.G. Prabhakar, B.M. Mohan and G Nagendrappa*.  

4. ICP-AES estimation of a few heavy and toxic metal ions present in water samples collected from the three lakes situated in Bangalore city.

   **M. Kiran Kumar**, G Nagendrappa* and A.M Shivanna, has been accepted for publication in *Nature, Environment and Pollution Technology* (P-ISSN 0972-6268; E-ISSN 2395-3454) dated 23.06.2015.
LIST OF PUBLICATIONS NOT FORMING THE PART OF THE THESIS

1. Spectrophotometric determination of iron as iron(III) in pharmaceutical preparation, sugar cane juice and in some common chemicals using nucleophilic coupling reaction.

2. Assessment of heavy metals in water samples of certain location situated around Tumkur, Karnataka, India.