

## LIST OF PUBLICATIONS

### In international Journals

1. *Binarization of textual images using network flow terminology*, International Journal of Modern trends in Engineering & Research, (ISSN – 2393-8161), Vol. 2, Issue 8, pp. 237 – 242, August 2015
2. *Application of Combinatorial optimization in image processing via graph theoretic tool*, International Journal of management studies, statistics and App. Economics, (ISSN – 2250-0367), Vol. 2, pp. 139 –150

### In conferences/seminars

1. *Mathematical modelling of image processing problem of binarization through graph theoretic modelling*, One day national seminar on ‘Advances in mathematical sciences, KKSJ Maninagar Science College, Ahmedabad, 16 February, 2015
2. *Mathematical modelling of vision problem for textual images*, XXVII Gujarat Science Congress, CHARUSAT University, Changa, 24 Feb, 2013
3. *Introduction of new move spaces for energy minimization*, National conference on applied mathematics, Parul Institute of Engineering & Technology, Vadodara, 4-5 May 2012
4. *Application of combinatorial optimization in image processing*, National seminar on Advances in mathematics, MBICT Engineering Institute, Charutar Vidya Mandal, V. V. Nagar, 9-11 Jan 2012
5. *A Mathematical modelling Using Graph theory*, Gujarat Science Excellence, Gujarat University, 8Jan, 2011
6. *A graph theoretic approach towards problem of image processing*, XXIII Gujarat Science Congress, South Gujarat University, 15 Feb, 2009
7. *Graph cut and its application in Image processing*, National conference on Innovations and Applications of Mathematical Modelling techniques in engineering system, ADIT Engineering Institute, 10 December, 2009
8. *Implementing mathematical modelling in image segmentation*, XXII Gujarat Science Congress, Bhavnagar University, 9 March, 2008