

LITERATURE CITED

- [1] D.J Weatherall, J.B Clegg, "Inherited haemoglobin disorders: an increasing global health problem" Bull. World Health Organ. **79**: 704–12, 2001
- [2] N Awasthy, K. C. Aggarwal, P. C. Goyal, M.S Prasad, M. Sharma, "Sickle cell disease: Experience of a tertiary care center in a nonendemic area" Ann Trop Med Public Health, 2008.
- [3] P. Rakshita, K. Bhowmikb, "Detection of Abnormal Findings in Human RBC in Diagnosing Sickle Cell Anaemia Using Image Processing", International Conference on Computational Intelligence: Modeling, Techniques and Applications, Elsevier, 2013
- [4] N. S. Aruna, S. Hariharan, "Edge Detection of Sickle Cells in Red Blood Cells", International Journal of Computer Science and Information Technologies, Vol. 5 (3) 4140-4144, 2014.
- [5] S. S. Barpanda, "Use of Image Processing Techniques to Automatically Diagnose Sickle-Cell Anemia Present in Red Blood Cells Smear", NIIT Rourkela, 2013.
- [6] NCMH Background Papers—Burden of Disease in India (New Delhi, India), September 2005, Ministry of Health & Family Welfare, Nirman Bhawan, Maulana Azad Road, New Delhi 110011, India.

ACKNOWLEDGMENT

We take this opportunity to thank all those who have been associated with our project. We would like to thank all our professors of Computer Department, at St. Francis Institute of Technology, for their support through provoking-discussions which helped us to come up with the idea of this project. We thank **Ms. Dakshata Panchal**, our internal guide, for her continuous support and guidance, for sharing her experience and knowledge, to ensure timely completion of all our project work. We express our sincere gratitude to head of the department (Computer), **Ms. Bidisha Roy**, for giving us the opportunity to undertake this project. We would also thank **Ms. Vincy Joseph** and **Ms. Pradnya Rane** for guiding us throughout the course of the project work. The timely completion of our project report was done because of their constant supervision, cooperation and guidance. Lastly, we thank our fellow students who have contributed to our project in various ways.