

## List of Publications of (2009-2010)

### Journals

#### **Dr. Pinaki Chakraborty**

1. **P. Chakraborty**, S. S. Mahato, T. K. Maiti, M. K. Bera, C. Mahata, S. K. Samanta, A. Biswas, and C. K. Maiti, "Performance Improvement of Flash Memory using AlN as Charge-Trapping Layer", **Microelectronics Engineering**, vol. 86, no. 3, pp. 299-302, 2009.
2. T. K. Maiti, S. S. Mahato, **P. Chakraborty**, C. K. Maiti, and S. K. Sarkar, "Negative Bias Temperature Instability in Strain-Engineered p-MOSFETs: A Simulation Study", **Journal of Computational Electronics**, vol. 9, no. 1, pp.1-7,2009.

#### **Dr. A. K. Atta**

1. Bhattacharya, R.; **Atta, A. K.**; Dey, D. Pathak, T. Densely functionalized chiral pyrroles from endocyclic, exocyclic, and acyclic vinyl sulfone-modified carbohydrates. *J. Org. Chem.* **2009**, *74*, 669-674.
2. **Atta, A. K.**; Pathak. T. A diastereoselective unique route to cyclopropanes functionalized at all three ring carbon atoms from acyclic vinyl sulfone-modified carbohydrates. *J. Org. Chem.* **2009**, *74*, 2710-2717.

#### **Dr. Nabakumar Pramanik**

1. S. Bose, **N. Pramanik**, C. K. Das, A. Ranjan and A. K. Saxena, "Synthesis and effect of polyphosphazenes on the thermal, mechanical and morphological properties of poly(etherimide)/thermotropic liquid crystalline polymer blend", *Materials & Design*, vol.31 (2010) pp.1148-1155.

#### **Dr. K. R Singh**

1. K. Ratan Singh and P. K. Das, "**Induced graphoidal covers in a graph**", International Journal of Computational and Mathematical Sciences, 4(7)(2010), 323-327.
2. K. Ratan Singh and P .K. Das, "**Induced acyclic graphoidal covers in a graph**", International Journal of Computational and Mathematical Sciences, 4(7)(2010), 332-338.
3. K. Ratan Singh and P. K. Das,"**Graphoidal covers of bicyclic graphs**", International Mathematical Forum, 5 (42)(2010), 2093-2101.

## **Dr. Nabakumar Pramanik**

1. **N. Pramanik**, M. Moniruzzaman and C. K. Das, *National Conference on Nanoscience and Nanotechnology, Rungta College of Engineering and Technology, Bilai, India, November, 2009*