

LIST OF PUBLICATION

(I) DEPARTMENT OF PHYSICS

(II) DEPARTMENT OF CHEMISTRY

(a) National:

Name	Title of Paper	Name of Journal/Conferences
Gourisankar Panda	<ol style="list-style-type: none"> 1. "Isolation and characterization of Cobalt(II) – reduced glutathione complex." 2. "Copper(II)-glutathione(reduced) interaction: assessment of copper-peptide environment by physicochemical and spectral methods in isolated system." 3. Synthesis, characterization and biological properties of a novel cobalt complex." 4. "The role of copper in cancer drug resistance – a new interpretation." 5. "Conformational transition of chromosomal DNA from B → A under the influence of copper(II) – glutathione(reduced)." 6. A newly synthesized metal complex overcomes multidrug resistance in cancer in vivo. 7. "Development of a novel metal complex as resistance modifying agent." 	<ol style="list-style-type: none"> 1. Journal of the Indian Chemical Society, 82 (2005) 737-738. 2. Journal of the Indian Chemical Society, 81 (2004) 210-213. 3. communicated – 2005. 4. communicated – 2005. 5. communicated – 2005. 6. Natio Symposium on Designing the Molecular World through Chemistry, Department of Chemistry, BHU, Varanasi, March 24th-25th, 2006. 7. 23rd Annual Convention of the Indian Association for Cancer Research, 29-31st January – 2004
C. Bhattacharya	<ol style="list-style-type: none"> 1. Influence of Cl⁻, Br⁻, NO₃⁻ and SO₄²⁻ ions on the corrosion behavior of 6061 Al alloy. 2. Kinetic Solvent Effect on De-colorization of Crystal Violet in Pure Alcohol and their Aqueous Mixtures. 3. Solvent and electrode kinetic effects on anodic oxidation of Br⁻ – Br₃⁻ – Br₂ system on some bare and platinized electrode in some dipolar aprotic solvents from cyclic voltammetric measurements. 4. Influence of pH and chloride concentration on the corrosion behavior of Al-6061 alloy 	<ol style="list-style-type: none"> 1. Bulletin of Materials Science, 28 (3) (2005) 253-258. 2. Journal of the Indian Chemical Society, 82 (2) (2005) 53-56. 3. Indian Journal of Chemistry, 42A (2003) 2509-2512. 4. Journal of the Institution of Engineers (India), 84 (2003) 79-83.