ISSUE DESCRIPTION : AIMS AND SCOPE

Guest Editor : Dr.A.Nirmala Grace

The themed issue on “Nanotechnology – Thin Film Techniques & applications” is to focus on the emerging research activities on growth, characterization and integration of its properties for wide applications. A number of techniques have been developed for thin film technology for diverse applications. With an emphasis on this, this issue will provide an interdisciplinary forum for articles in diverse field of nanotechnology applications. The issue spans various disciplines to cover wide applications of thin film technology research in physics, materials science, biology, chemistry, engineering, and their expanding interfaces. This special issue will offer the basis for detailed discussion of research ideas among the researchers, engineers, and scientists, in the area of interest around the world and design futuristic research activities. We cordially invite the authors to submit original full-length research and review articles with an emphasis on the recent development of thin film technology and its applications.

Contributed papers are solicited in the following areas (but not limited to)

- Fabrication and processing of thin films.
- Thin Film Technology: Assembly and self-assembly, lithography, patterning and printing.
- Characterization of material properties affected by size viz. “Electronic, optical structural and mechanical properties”.
- Applications for Sensors and Environmental remediation.

Keywords: Thin Films, Fabrication Techniques, Self-Assembly, Thin films for sensor and Environmental applications.

Approximate schedule:

Manuscript Submission deadline: 30 July 2015

Peer review due: 20 August 2015

Revision due: 10 September 2015

Notification of acceptance: October 2015

Final manuscript due: October 2015