



Editor-In-Chief

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Editorial

New developments in nonlinear optics as lasers for application in high power microscope among others are on the increase. Quantum dots are viable materials for Second Harmonic Generation. Photodynamic therapy is an emerging technology as green nanotechnology alternative for treatment of tumor and cancer. Carbon nanofibers could be alternative materials to carbon nanotube.

This new issue of Journal Nanotechnology Progress International (JONPI) reports the preparation, characterization and second harmonic generation of SnO₂ quantum dots. A simple, cheap and straight forward was used to prepare the quantum dots. Second harmonic generation was done using this prepared quantum dots.

Due to side effects and high cost of traditional methods like chemotherapy, radiation, surgery, etc in the treatment of cancer and tumors; alternatives cheap methods with less side effect are being researched. Photodynamic therapy (PDT) as green nanotechnology provides such platform. This issue reviews that option.

Carbon nanotubes are great materials for potential various applications but have drawback in terms of their mechanical properties and processability. As a result of this, carbon nanofibers (CNF) are being sought for as alternatives to carbon nanotubes (CNT). This JONPI issue covers a report on this alternative search.

Let me use this opportunity to welcome to the editorial board Dr. Sophia Inbaraj, Project Knowledge Fellow, Centre for Knowledge Management of Nanoscience and Technology (CKMNT), Secunderabad, India. JONPI continues its tradition of publishing high quality results in the emerging field of nanosciences and nanotechnology. My appreciation goes to those editors and authors who made this issue possible.

Editor-In-Chief

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