

## **Book Publications**

- A. Chiolerio, M. Castellino, **Pravin Jagdale**, M. Giorcelli, S. Bianco and A. Tagliaferro, 'Electrical properties of CNT-based Polymeric Matrix Nanocomposites' In: '**Carbon Nanotubes-Polymer Nanocomposites**'. Edited by Yellampalli Siva. INTECH Open Access Publisher (Croatia), 16, 2011 pp. 215-230. ISBN 978-953-307-498-6
- **Pravin Jagdale** and M. Sharon 'Thermal Vapor Deposition for Thin Film of Carbon Nanomaterials' In: '**Carbon Nano forms and application**'. Forwarded by Nobel Laureate Sir Herald Kroto., McGraw-hill publication (USA), 6, 2010 pp 93-100. ISBN 007-1639608
- **Pravin Jagdale** and M. Sharon 'Thermal Vapor Deposition technique for preparing thin film of Carbon nano material' In: '**Nano forms of Carbon and Its application**'. Forwarded by Nobel Laureate Harold Kroto. Monad nanotech Pvt. Ltd. 5, 2009 pp 66-72. ISBN 978-81-905713-0-2.

## **Paper Published in International Journals**

- **Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry**  
Volume 37, Issue 6 July 2007 , pages 467 – 471, ISSN:-1553-3182.  
*CARBON THIN FILM FROM PLANT DERIVED PRECURSORS*  
**P. Jagdale**, M. Sharon, Madhuri Sharon, G. Kalita.
- **Asian Journal of Experimental science**  
Volume 22, Number 2, 2008; 89-93, ISSN 0971-5444.  
*CARBON NANOMATERIAL FROM TEA LEAVES AS AN ANODE IN LITHIUM SECONDARY BATTERIES*  
S. Bhardwaj, S. Jaybhaye, M. Sharon, D. Sathiyamoorthy, K. Dasgupta,  
**P. Jagdale**, A. Gupta, B. Patil, G. Ozha, S. Pandey, T. Soga, R. Afre, G. Kalita and M. Sharon.

## **Invited Talk**

- **Third International Conference on Frontiers in Nanoscience and Technology, August 2011, Cochin, Kerala, India.**  
**Title:** *Role of Carbon Nano tube reinforcement on Epoxy based Nanocomposites for mechanical property.*

- **ICN-International Conference on Nanomaterials: Synthesis, Characterization and applications, April 2010, Kerala, India.** Page 181, IL 194  
**Title:** *Waste polyethylene plastic as a carbon source for synthesis of carbon nano tubes by chemical vapor deposition.*  
**Pravin Jagdale**, Madhuri Sharon, N. N. Maldar & Maheshwar Sharon
- **International Conference on Carbon nano technology: Potential and challenges, December 2010, IIT Kanpur, India.** Page 52, Plenary Talk (S14-P1)  
**Title:** *Improvement of Polymer Characteristics by CNT addition.*  
M. Giorcelli, **P.Jagdale**, S. Musso and A. Tagliaferro.

## **Papers Presented**

- **NN11-8<sup>th</sup> International Conference on Nanoscience & Nanotechnologies, July 2011, Thessaloniki, Greece,**  
**Title:** *Piezoelectric properties of CNT-based polymeric matrix Nanocomposites for sensor applications.*  
A. Chiolerio, M. Castellino, **P. Jagdale**, M. Giorcelli and A. Tagliaferro
- **FACC-FIRST ASIAN CARBON CONFERENCE, November 2009, Delhi, India**  
**Title:** *Carbon Nano Material synthesis from different types of virgin Polyethylene by chemical vapour deposition.*  
**Pravin Jagdale**, Madhuri Sharon, S. Jaybhaye, G. Kalita, N. Mishra, S.Yadav, N. N. Maldar & Maheshwar Sharon.
- **ICNAMA-2008, Shivaji University, Kolhapur, MS, India**  
**Title:** *Synthesis of carbon nanotubes from polypropylene by chemical vapor deposition system*  
N. Mishra, B. Patil, S. Bhardwaj, Shrikant S. Kawale, Arvind Gupta, Sunil Pandey, Goldie Oza, **Pravin Jagadale**, S. Jaybhaye, B.T. Mukherjee, Madhuri Sharon, Maheshwar Sharon.
- **ICNAMA-2008, Shivaji University, Kolhapur, MS, India**  
**Title:** *Novel approach of synthesis of carbon nano electrode for a sensor for pesticide residue Analysis*  
B. Patil, S. Bharadwaj, A. Gupta, G. Oza, S. Pandey, **Pravin Jagdale**, S. Kawale, N. Mishra, B. Mukherjee, M. Sharon, Maheshwar Sharon
- **ICNAMA-2008, Shivaji University, Kolhapur, MS, India**  
**Title:** *Metal Nano Particles supported on Carbon*  
Sunil Bhardwaj, Shrikant Kawale, Arvind Gupta, Bhushan Patil, Goldie Oza, Sunil Pandey,  
**Pravin Jagadale**, B T Mukharjee, Neeraj Mishra, Golap Kalita, Madhuri Sharon, D Sathiyamoorthy, Maheshwar Sharon.

- **NANDED CONFERENCE 2008, Nanded, MS, India.**  
**Title:** *Biosynthesis of Citric acid Capped Gold Nanoparticles for Targeted drug-delivery Of Anti-Cancer Agent.*  
 S. Pandey, G. Oza, A. Gupta, S. Khatri, P. Ambilwade, S. Bhardwaj, B. Patil,  
**Pravin Jagdale**, M. Sharon and Madhuri Sharon.
- **IUMRS-International Conference in Asia, 2008, Nagoya, Japan,**  
**Title:** *Conversion of waste plastic into Carbon Nanomaterial and Burnable Wax,*  
 Maheshwar Sharon, **Pravin Jagdale**, Madhuri Sharon.
- **IUMRS-International Conference in Asia, 2008, Nagoya, Japan,**  
**Title:** *Carbon thin film from plant derived precursors.*  
**Pravin Jagdale**, Maheshwar Sharon, Madhuri Sharon, Golap Kalita
- **2<sup>nd</sup> forum of polymer science and biopolymer, July-2008, University of Genoa, Italy.**  
**Title:** *Synthesis of Carbon Nano material and wax from Waste polyethylene plastic by Chemical vapour deposition method.*  
**Pravin Jagdale**, M. Sharon, N. Mishra , S. Jaybhaye, S. Bhardwaj, B. Patil, G. Kalita,  
 S. Yadav, A.Dardano, F. Guastavino, G. Coletti, N.N. Maldar & Maheshwar Sharon
- **ICAMA-International Conference on Advanced Materials and Applications-2007**  
 Shivaji University, Kolhapur.  
**Title:** *Polyethylene polymer to Nano carbon polymer*  
**Pravin Jagdale**, M. Sharon, Madhuri Sharon, N.N.Maldar, S. Jaybhaye, G. Kalita.
- **International Convection on Environmental Crises-2007, Prajapita Brahma Kumaries**  
 Vishwa Vidyalaya, Mount Abu, Rajasthan, India.  
**Title:** *Efforts of Monad Nanotech and NTRC in creative better environment with special emphasis on Plastic waste problem.* M. Sharon, **Pravin Jagdale**,
- **ICNME- International Conference on Nano-materials for Electronics-2006,C-MET,**  
 Pune,India  
**Title:** *CARBON THIN FILM FROM PLANT DERIVED PRECURSORS.*  
**Pravin Jagdale**, Maheshwar Shron, Golap Kalita.
- **ICMM- International Conference on Molecules to Materials, 2006,Sant Langowal**  
 Institute of Engineering & Technology, Punjab,India.  
**Title:** *CARBON THIN FILM FROM PLANT DERIVED PRECURSORS.*  
 Maheshwar Sharon, Golap Kalita , **Pravin Jagdale**
- **International Conference on Nanoscience and Technology, New Delhi. 2006.**  
**Title:** *Biosynthesis of Cadmium Sulfide nanoparticles in a bacteria-Pseudomonas stutzeri*  
 Sarma A., Oza G.H., Pandey S., **Jagdale Pravin**, Sharon M.

- **National Conference on Condensed Matter Days, Tezpur University, Assam. 2006.**  
**Title :***Polymeric nanoparticle as drug delivery vehicle*  
M. SHARON, Madhuri Sharon, Golap Kalita, **Pravin Jagadale**
  
- **ISCAS-Fourth National Symposium & Conference on Solid State Chemistry and Allied Areas 2005, Goa University.**  
**Title:** *Preparation of Polymeric Nano-particle for drug delivery: Importance of size of nanoparticle and drug for standardization for drug loading.*  
**Pravin Jagadale**, Maheshwar Sharon, Madhuri Sharon,