

## About the Author

---

---

Padmavathi Nandigam was born in Unagatla, West Godavari, and Andhra Pradesh, India on August 07, 1977. She received her Bachelor of Science degree from Andhra University, Visakhapatnam, India in April, 1998, and then received her Master of Science degree in Chemistry from School of Chemistry, Andhra University in April 2000. After working as a lecturer in chemistry, for two years, she joined as a Junior Research Fellow in Defence Metallurgical and Research Laboratory, Hyderabad, India. Being sponsored by DMRL, Hyderabad, she registered for PhD program in the Department of Metallurgical and Materials Engineering, Indian Institute of Technology, Kharagpur, India in January, 2004. She has to her credentials three international publications from her research work till date. Her research interests include processing of nano-sized powders and that of fiber reinforced composites and their characterization.

### List of Publications:

- (1) Padmavathi, N., Subrahmanyam, J., Ghosal, P., Ray, K.K. and Sweety K. (2008), Preparation of Carbon Fiber Reinforced SiC Mini-composites by Solution approach, *Journal of Materials Processing Technology*, Vol. 204, No.1-3, pp. 434-439.
- (2) Padmavathi, N., Subrahmanyam, J., Bhanuprasad, V. V., Ray, K.K. and Sweety K. (2009a), Processing of Carbon Fiber Reinforced (SiC+ZrC) Mini-composites by Soft-solution Approach and their Characterization, *Ceramics International*, doi: 10.1016/j.ceramint.2009.06.016.
- (3) Padmavathi, N., Subrahmanyam, J., Ghosal, P., Ray, K.K. and Sweety K. (2009b), New Route to Process Carbon Fiber Reinforced (SiC+ZrB<sub>2</sub>) Matrix Mini-composites, *Journal of Materials Science*, Vol. 44, pp. 3255-3264.
- (4) Sweety, K., Padmavathi, N., Nithya, S., Eswara Prasad, E. and Subrahmanayam, J. (2009), Tensile Properties and Fracture Behaviour of Carbon Fiber Filament Materials, Communicated to *Journal of Materials Science*.