SCIENTIFIC PUBLICATIONS

A. International/National journals

1. *Isora fibre and its composites with natural rubber: Progresses in Rubber Plastics and Recycling Technology* (2004); 20(4): 337
8. *Studies on short isora fibre reinforced polyester composites: Composite interfaces* (2006); 13 (4-6): 377
10. **Ageing behaviour of short isora fibre reinforced natural rubber composites: gamma irradiation, ozone and thermal ageing:** Journal of Natural fibres (in press)

11. **Short isora fibre reinforced natural rubber composites:** Rubber, Plastics and Composites (Communicated)

12. **Dynamic Mechanical Analysis of short isora fibre reinforced natural rubber Composites:** Composite Science and Technology (Communicated)

B. International/National Conference papers

1. “**Cure characteristics and mechanical properties of short isora fibre reinforced natural rubber composites**” presented at the International Conference APT 2002 Jointly organized by Eindhoven University, Netherlands, and Department of Polymer Science and Rubber Technology, Cochin University held at Ernakulam on December 2002

2. “**Effect of different chemical treatments on the fibre properties and on the mechanical performance of short isora fibre reinforced natural rubber composites**” presented at the National conference organized by the Material Research Society of India held at BARC, Bombay on February 9-11, 2003

3. “**Effect of high energy radiations, ozone, and heat on the degradation behavior of short isora fibre reinforced natural rubber composites**” Presented at the International Conference ECO COMP 2003 held at Queen Mary, University of London on September 1-3, 2003.

4. “**Effect of different bonding / coupling agents on the mechanical properties of short isora fibre reinforced natural rubber composites**” Presented at the International Conference APT 2004 jointly organized by
Eindhoven University, The Netherlands, and Department of Polymer Science and Rubber Technology, Cochin University held at Cochin University on January 15-16, 2004


7. “Effect of Curing temperature and fibre loading on the swelling behavior of NR/ ISORA composites in oils used in automobiles” Presented at the National conference organized by the Material Research Society of India held at National Chemical Laboratory, Pune on February 10-12, 2005

8. “Effect of Curing temperature and fibre loading on the equilibrium swelling of NR/ ISORA composites” Presented at the international conference organized by the School of chemical sciences of M.G University Kottayam on March 21-23, 2005

9. “Effect of alkali treatment on the mechanical properties of short isora fibre reinforced polyester composites” Presented at the international conference organized by the School of chemical sciences of M.G University Kottayam on March 21-23, 2005

10. “Isora fibres; an effective reinforcement for eco friendly composite materials” Presented at the ‘ICMAT 2005’ conference held at Suntec international convention and exhibition centre Singapore organized by Material Research Society Singapore on July 3-8, 2005

11. “Studies on mechanical properties of unidirectional isora fibre reinforced
polyester composites” Presented at the 17th Kerala Science congress held at Trivandrum from January 29-31, 2006


15. “Mechanical properties of unidirectional isora fibre reinforced polyester and epoxy composites” Presented at the ‘Polymer 2006’ National conference held at IACS Calcutta jointly organized by SPSI Kolkatta chapter and IACS on February 10-13, 2006