

3. Four and half years research experience in the preparation and characterisation of polymer blends for biomedical applications at National Institute of Technology Calicut-NITC, Calicut, Kerala, India (July 2003-April 2008)

Research Publications

A) Research Articles Published in International Journals

1. Ganesh, B.; Unnikrishnan, G.: Cure characteristics, morphology, mechanical properties, and ageing characteristics of silicone rubber/ethylene vinyl acetate blends: *Journal of Applied Polymer Science*, v 99, n 3, 2006, p 1069-82.
2. Ganesh, B.; Unnikrishnan, G.: Chemical, Thermal and water durability of silicone rubber/ethylene vinyl acetate blends: *Materials Research Innovation*, v 10, n 3, 2006, p 305-20.
3. Radhakrishnan, C. K.; Ganesh, B.; Sujith, A.; Unnikrishnan, G.; Thomas, S.: Sorption of aromatic hydrocarbons into styrene butadiene rubber/poly(ethylene-co-vinyl acetate) blends: *Polymers and Polymer Composites*, v 13, n 4, 2005, p 335-57

B) Research Articles Communicate to International Journal

1. Ganesh, B.; Unnikrishnan, G.; Jithendranath, K.; George, J. N.; Sreekumar, M.: Invitro biocompatibility evaluation of silicone rubber/ethylene vinyl acetate blends: *Journal of Biomaterials Applications*, (Communicated).

C) Research Articles under preparation for communication to International Journal

1. Ganesh, B., Liu, J., Jing, Y., Carlberg, B., Kuhn, H. G. Receptor specific peptide immobilised polyurethane nanofibrous scaffolds for neural stem cell culture
2. Liu, J., Ganesh, B., Jing, Y., Nie, C., Carlberg, B. Flexibilized conductive epoxy adhesives for microelectronic applications
3. Ganesh, B.; Unnikrishnan, G. Effects of white fillers on the cure, morphology, mechanical properties, and ageing characteristics of silicone rubber/ethylene vinyl acetate blends
4. Ganesh, B.; Sujith, A.; Radhakrishnan, C. K.; Unnikrishnan, G.: Thermal characteristics of unfilled and filled blends of silicone rubber and ethylene vinyl acetate,
5. Ganesh, B.; Radhakrishnan, C. K.; Sujith, A.; Unnikrishnan, G.: Dynamic mechanical analysis of unfilled and filled blends of silicone rubber and ethylene vinyl acetate,

D) Research Articles Published in Conference Proceedings/Symposia

1. Ganesh, B.; Unnikrishnan, G.: Cure Characteristics and Mechanical Properties of Silicone Rubber/ Ethylene Vinyl Acetate Blends, National Seminar- Recent Developments in Materials & Structures (REDIMAT 2004), NITC, Calicut, Kerala, India. 2nd and 3rd December, 2004

2. Ganesh, B.; Unnikrishnan, G.: Analysis of Cure Characteristics and Mechanical Properties of Silicone Rubber/ Ethylene Vinyl Acetate Blends for Prosthetic Applications, International Conference- Polymers for Advanced Technologies (Macro-2003), Thiruvananthapuram, Kerala, India. December 14-17, 2004
3. Ganesh, B.: Morphology and Transport Properties of Silicone Rubber/ Ethylene Vinyl Acetate Blends, 92nd Indian Science Congress, Nirma University of Science & Technology, Ahemadabad, India. January 3-7, 2005
4. Ganesh, B.; Unnikrishnan, G.: Biocompatibility Evaluation of Silicone Rubber/ Ethylene Vinyl Acetate Blends, Young scientist award contest session, 93rd Indian Science Congress, University of Hyderabad, India. January 3-7, 2006.
5. Liu, J., Ganesh, B., Jing, Y., Carlberg, B., Kuhn, H. G., Zetterström-Axell M. Polyurethan nanofibrous scaffolds for human embryonic stem cell culture, Bionano workshop, Gouthenborg University, Goteborg, Sweden, 24th February 2009.
6. Jing, Y., Liu, J., Ganesh, B., Nie, C. Bimodal conductive adhesive, Workshop on thermal management of electronics and MEMS, Chalmers University of Technology, Goteborg, Sweden, February 27, 2009.

References

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Declaration

I hereby declare that, to the best of my knowledge and belief, the above-mentioned information/matters are true, correct and complete.

Sulthan Bathery

18/07/2009

B. Ganesh(Sd/-)