LIST OF PUBLICATIONS

Research papers

1) “Physico-mechanical and biodegradability study of Euphorbia coagulum modified polyester banana fiber composite.”

2) “A study on effect of Euphorbia coagulum on physico-mechanical and fire property of polyester banana fiber composite.”

3) “Effect of fiber content physico-mechanical property of Euphorbia coagulum/ Banana fiber composite.”

4) “Effect of euphorbia coagulum on flexural strength of banana fiber polyester composite.”

5) “Effect of fiber length on physico-mechanical property of Euphorbia coagulum/ Banana fiber composite.”
6) “Study of flow rate of latex from Euphorbia royleana and its characterization.”


7) “Synthesis and characterization of bis-gma grafted acrylic/itaconic acid copolymer.”


PAPERS IN SEMINARS

INTERNATIONAL SEMINAR

1. “Development of composite for Building Application”,


2. “Effect of euphorbia coagulum on flexural strength of banana fiber polyester composite”,


3. "Preparation and study on mechanical properties of matrix modified banana fiber/ Polyester composite"

Bhuvneshwar Rai, Gulshan Kumar, and R. K. Diwan. Accepted for presentation in 1st International Conference on Mechanics of Composites to be held during June 8-12, 2014 at Stony Brook University, Long Island, USA,

National Seminar
1. “Utilization of plant derivative in development of Eco-friendly composite.”


2. “Utilization of plant derivatives in development of Biodegradable composite.”


3. “An approach to use Euphorbia latex in Polyester Banana fiber composite for making biodegradable composite,”


6. “Study of physico-mechanical and biodegradability property of euphorbia latex banana fiber composite.”

7. “Study of physic-mechanical property of Mica reinforced PEEK.”


Chapters in Books


Patents
2. “A diaper for w birth weight babies and a method for production the same.” Application No. 2259/DEL/2011