

CV For Departmental Profile

Dr. Goutam Kumar Jana

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PERSONAL INFORMATION

Age : 41 yrs
Gender : Male
Nationality : Indian
Marital Status : Married

ACADEMIC HISTORY

Ph.D. – Indian Institute of Technology, Kharagpur in 2008. (Thesis Title: “**Recycling of Natural Rubber Vulcanizates and Scrap Tyres by Mechanochemical Devulcanization Process**”).

Research publications: 14th publications in Referred Journals.

M.Sc. – From Vidyasagar University, 2001.

SPECIALIZATION: Organic Chemistry

PROFESSIONAL EXPERIENCE

June, 2017- till date: Assistant Professor at Asansol Girls' College, Asansol (affiliated to Kazi Nazrul University); 2 yrs as Assistant Professor

INTERESTED AREAS OF TEACHING

Organic Chemistry

List of Publications in the International Journals

1. Devulcanization of Natural Rubber Vulcanizates by Mechanochemical Process, **G.K. Jana** and C. K. Das, *Journal of Polymer Plastic Technology and Engineering* 44,1399,2005.
2. Recycling of Natural Rubber Vulcanizates by Mechanochemical Devulcanization, **G.K. Jana** and C.K. Das, *Macromolecular Research*, 13(1),30,2005.
3. Mechanochemical Devulcanization of Vulcanized Gum Natural Rubber, **G.K. Jana** and C.K. Das, *Journal of progress in Rubber, Plastic and Recycling Technology*, 21(3),183,2005.
4. A Novel Devulcanization Technology for Vulcanized Natural Rubber, **G.K. Jana**, R.N. Mahaling and C.K. Das, *Journal of Applied Polymer Science*, 99(5),2831,2005.
5. Mechanochemical Devulcanization of Sulfur Cured Gum Natural Rubber (Part-II), **G.K. Jana**, R.N. Mahaling, C.S. Reddy and C.K. Das, *International Science and Technology*,36,1,2006.
6. Mechanochemical recycling of sulfur cured natural rubber, **G.K. Jana**, R.N. Mahaling, T. Rath, A. Kozłowska, M. Kozłowski and C.K. Das, *Polimery* 2,51,2007.
7. Devulcanization of Automobile Scrap Tyres by a Mechanochemical Process, **G.K. Jana** and C.K. Das, *Progress in Rubber, Plastic and Recycling Technology*, 21, 4, 2005.
8. A Novel Devulcanization Method for the Recovery of Vulcanized Natural Rubber, **G.K. Jana**, R.N. Mahaling and C.K. Das, *Chemical Engineering and Science* (revised).
9. Modified nanofiller epichlorohydrine elastomer composite, R.N. Mahaling, **G.K. Jana** and C.K. Das, *Composite Interfaces*, 11(8-9),701,2005.
10. Self-einforcing Elastomer Composites Based on Ethylene Propylene- Diene Monomer Rubber and Liquid Crystalline Polymer, S. Chakraborty, N.G.Sahoo, **G.K. Jana** and C.K.Das, *Journal of applied Polymer Science*, 93,711,2004.
11. Effect of Silica Nanofiller in Thermal Dynamic Mechanical Behavior, and Interfacial Adhesion, R.N Mahaling **G.K. Jana** and C.K.Das *Macromolecular Research*,13(4), 306,2005.

Presented in National/International Conferences

1. Devulcanization of Natural Rubber Vulcanizates by Mechanochemical Process, **G. K.Jana** and C. K. Das, *India Rub-Tech Expo*, Mysore (India), Feb-2004.
2. Devulcanization of Automobile Scrap Tyre”, **G.K.Jana** and C.K. Das, *8th Arab International Conference*, Cairo, Egypt, Aug-2005.
3. ”Devulcanization of Scrap tyres by Mechanochemical Pocess” **G.K. Jana**, Published in the Proceedings of UGC Sponsored National Level Seminer On “Environmental Pollution, Biodiversity Conservation and Climate Change: Issues and Challenges” (8th and 9th September, 2017) organized by Nistarini College, Purulia, West Bengal
