

Call for paper and financial support

PSF 2007

Plastics and Sustainability Forum 2007

plastics.sustainabilityforum@gmail.com

Organised by



Centre for Quality Management System,
Jadavpur University, Kolkata

In collaboration with



December 14 -15, 2007

K. P. Bose Memorial Hall, CQMS, Jadavpur University

Last date of receiving full text of paper: November 20, 2007

Last date for registration as delegate: November 25, 2007

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Introduction

Polymeric material, as a whole plastics, are widely accepted because of their ease of processing and amenability to provide a large variety of cost effective items that help in enhancing valuable aesthetic properties that inspire exciting new design possibilities, comfort and quality of life in the modern industrial society.

The increased investment and mega capacity creations in the petrochemical sector have made India a manufacturing hub of a range of plastics products from raw materials to manufactured items of precision and quality. Plastics have become an integral part of our daily lives and are preferred materials for wide spectrum of application. India is regarded as the 2nd largest market and the 4th largest economy in PPP terms after USA, China and Japan.

The Indian Polymer industry contributes significantly to the exchequer and is certainly the chief booster for Indian economy. The key growth sector of Indian polymer industry are Packaging, Agriculture, Consumer goods, Automobile, Building and construction, Pharmaceutical, Electronics and Telecommunication, Healthcare/ Medicare, Aeronautics and Space, Power, Environment, Fashion and Cosmetics, Transportation etc.

In India, agriculture boosts the demand of plastics from 216 KT in 2006 to 2500 KT in 2010. Polypropylene consumption in automobile, consumer durables, household appliances, computer components and peripherals is expected to increase from 23 KTA in 2002 to 135 KTA in 2010, a rise of 20%. The total polymer consumption in various end user sectors is expected to be a considerable robust total of 1250KT in 2010, thus making India the 3rd largest consumer in line after USA and China, thereby overtaking Germany, Japan, South Korea, Italy, France, UK and Brazil. The growth in average global per capita consumption is expected to increase from 30 Kg in 2006 to 37 Kg in 2010, whereas, the figures are 4.1 Kg and 10.5 Kg respectively.

The wide spread utilization of plastics in mercantile segments that make the polymeric materials so convenient that useful to the human life, has however contributed a serious plastics waste burden. Life Cycle Analysis into development of newer polymers and products is a new challenge faced by polymer Scientists, Industries, and the products. Low per capita consumption coupled with growing urbanization, raising aspiration and expectation of people, thrust on all round infrastructure development, changing legislation and tariff structure, will be the growth driver for the polymer industry. Indian polymer industry is facing a lot of challenges like, a) Increased globalization of markets, b) Over capacity in the region, c) Rapid changes in technologies, d) Social demand for higher performance, e) Higher customer expectation, f) Growing end user sophistication and g) Sustainable development.

Sustainability is the global buzzword! Increased stress will be laid on industry community partnerships. The plastics are easy recyclable product, low on energy and high on process diversity. In this situation, the development and growth of plastics industry should be carried out sustainably in conceiving, developing, and delivering stage with high performance materials, so that it gets its momentum with domestic and international requirements. The government including Urban Local Governments (Municipalities), Industries & Industry associations, Regulatory bodies and researchers have to tap this business potential in a positive and sustainable manner.

The "Plastics and Sustainability Forum 2007" would revisit to different aspects of plastics and sustainability issues and would develop action plans. The

recommendations will be forwarded to competent authorities and industries for consideration and implementation.

Technical Papers to be sent by 15th November 2007 : Technical papers on following issues are invited. Full text of paper within 5000 words (in 2 hard copies & soft copy in CD) with abstract of 200 words, written in MS WORD stating the title of paper with topic code, references, author/(s) name, address, phone/mobile, fax, e-mail id etc. Send copy through e-mail: **plastics.sustainabilityforum@gmail.com / sadhankghosh@gmail.com & icqesms@vsnl.net**. Send hard copies to the Chairman for publication and presentation.

1. Sustainable Development of Newer Plastics, (Topic Code: SDNP)
2. Business Potential for Self Help Groups & Small Entrepreneurs,(Topic Code:BPSE)
3. National and International standards on plastics & New Work Item, (Topic Code:STD)
4. Different uses of Plastics, Plastics as alternative Material & Resource Conservation, (Topic Code : USE)
5. Plastics and Environmental Aspects (Topic Code : PEA)
6. Biodegradable Plastics, its Manufacturing and Disposal, (Topic Code: BP)
7. Municipal Plastics Waste Management & Recycling,(Topic Code: RWM)
8. Life Cycle Analysis and Concept of End of Life of Vehicle (ELV), (Topic Code: ELV).

Who will attend: Officers from Plastics manufacturers & users group and other Industries, Officers from Central and State Government deptts, Regulatory, statutory bodies and Planners, Chairman, Vice-chairman, MICs, CICs & Officers of Urban Local Governments (Municipalities), Researchers from educational & R&D Institutes and NGOs.

Delegate Registration : Following are the registration fee per delegate which will broadly cover, attending the Forum, Lunch & Registration Kit ; and to be sent to the Secretary, PSF 2007 by 20th November 07.

1. Delegates from Industries & Industry Associations: Rs.3,000 /-
2. Delegates from Academia / R& D and Govt organization / NGO :Rs.1,500/-
3. Foreign Delegates: US \$100
4. Research Scholars / Student : Rs. 1,000/-

PSF 2007 Award : Best papers adjudged by a board of juries will be given PSF 2007 Award.

Sponsorship Details: (Logo / name of sponsoring organization will be displayed appropriately in Backdrop, Souvenir and Proceedings)

1. Platinum Sponsor : Rs. 3,00,000/- (Entitled to sponsor 10 delegates)
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Souvenir Advertisement Tariff (Print Areas = 9.5"X 6 " in A4 Size Full Page)"
Colourful souvenir will be published and distributed to the delegates and other associated industries. Matter is to be sent in soft copy in CD.

Back Cover Page	Rs. 50,000/-	Inside Back last Page	Rs. 15,000/-
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Programme Schedule:

14 th December, 2007		15 th December, 2007	
9.00 – 12.00	Registration	10.00 -11.30	Technical Session VII & VIII
10.00 -11.30	Inauguration & Keynote Address	11.30 – 11.50	Tea Break
11.30 – 12.00	High Tea	12.00 – 13.30	Technical Session IX & X
12.00 – 13.30	Technical Session I & II	13.30 – 14.15	Lunch
13.30 – 14.15	Lunch	14.30 -16.30	Panel Discussion & Valedictory
14.30 – 16.00	Technical Session III & IV	16.30 – 17.00	High Tea
16.00 – 16.15	Tea Break		The end
16.15 – 17.30	Technical Session V & VI		