

## OIL TECHNOLOGISTS' ASSOCIATION OF INDIA

Oil Technologists' Association of India (OTAI) is an Association of Chemists, Engineers, Managers, Scientists, Technologists and Industrialists engaged in the field of Oils, Fats and Allied Products. The Association has five zones with a membership of about 1400 in Northern, Southern, Eastern, Western and Central India with its head office at Kanpur. OTAI helps in improving professional competence by disseminating relevant information regarding latest technological developments by organizing lectures, symposia, workshops and refresher courses on different topics in the field of oilseed and edible oil processing, soaps and oleochemicals, surfactants and allied products. OTAI is playing a pivotal role in transferring the scientific and technological developments in the field of oils and fats to the industry. The OTAI, southern zone publishes a quarterly Scientific Periodical "Journal of Lipid Science & Technology" of international repute.

## INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY

Indian Institute of Chemical Technology (IICT), Hyderabad is a premier R&D Institute in India. The Institute has its origin as the Central Laboratories for Scientific & Industrial Research (CLSIR), established in 1944 by the then Government of Hyderabad State. After integration of Hyderabad State with the Indian Union, the laboratory expanded with its growing activities. It has made significant contributions in the last six decades in the field of chemical technology. Major areas of research at IICT are: Organic Coatings & Polymers, Natural Products Chemistry, Agrochemicals, Drugs & Intermediates, Speciality and Fine Chemicals, Fluoroorganics, Inorganic & Physical Chemistry (Catalysis & Material Science), Lipid Sciences & Technology, Coal, Gas & Energy, Chemical Engineering and Design & Engineering. IICT's basic objectives have always been to carry out research in the chemical sciences leading to innovative processes for a variety of products necessary for human welfare such as food, health and energy and the conduct of R&D work is fully geared to meet the requirements of technology development, transfer and commercialisation. More than 150 technologies developed by IICT are now in commercial production. Its commitment to industry is reflected by way of several sponsored and consultancy projects received from the industry, year after year.

**Organic Coatings & Polymers (OCP) Division** of IICT undertakes research in different disciplines of polymer related research of academic, industrial and strategic significance. Topics of current research interests include:

- Monomers and Polymers from cashew nut shell liquid and castor oil
- Value added products from guar gum
- Biocompatible chitosan based polymer membranes for controlled drug delivery
- Biodegradable photocurable polyesters and cyanoacrylates for tissue sealant applications
- High performance coatings & adhesives
- Conducting polymers & sensors
- Thermosetting resins & composites

### For Further Details Contact:

Head, Organic Coatings & Polymers Division, Indian Institute of Chemical Technology,  
Hyderabad-500 607, India • Tel/Fax: 91 40 27193991; e-mail: sitaramam@iict.res.in  
Web site: www.iictindia.org

## NATIONAL SEMINAR

on

# GREEN POLYMERS FROM RENEWABLE RESOURCES- EMERGING TECHNOLOGIES

SEPTEMBER 6, 2008



OIL TECHNOLOGISTS' ASSOCIATION OF INDIA  
SOUTHERN ZONE



&  
INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY  
HYDERABAD

*Supporting Organization*



THE SOCIETY FOR POLYMER SCIENCE (INDIA)

## AIM & SCOPE OF THE SEMINAR

The progressive dwindling of fossil resources, coupled with the drastic increase in oil prices, has sparked intense activity in the field of polymer science and technology to prepare macromolecular materials based on renewable resources. Growing threat to the environment has also led many countries to promote special programs directed towards the replacement of non-degradable materials by alternatives. Green polymers derived from renewable resources are a strategic option to meet the growing need for sustainable materials. The breadth of topics would include designing polymers that are ecofriendly utilizing raw materials obtained from agricultural or animal origin and development of processes using microbial methods that are energy efficient. The concept of the bio-refinery, viz. the rational exploitation of the vegetable biomass in terms of the separation of its components and their utilization as such, or after suitable chemical modifications, is an area which is gaining momentum. This seminar brings together researchers working in this field to discuss the state-of-the-art.

### Registration Fee

	Before 31 <sup>st</sup> Aug. 2008	After 1 <sup>st</sup> Sept. 2008
Non – OTAI Members	Rs. 1500/-	Rs.2000/-
OTAI Members	Rs. 1000/-	Rs.1500/-
Students	Rs. 500/-	Rs.600/-

**Last date for Registration:** 31<sup>st</sup> August, 2008

## SPONSORSHIP SOLICITED

The assistance of Industries / Government Agencies is solicited to promote the seminar by way of sponsorship.

Sponsor	: Rs.50,000/-	Lunch	: Rs. 40,000/-
Donor	: Rs.25,000/-	High Tea	: Rs. 25,000/-
		Tea	: Rs. 10,000/-

## EXHIBITION TARIFF

An Exhibition is being organized at the seminar venue. Industries, Project Engineering Companies / Consultants, Plant and Machinery Manufacturers, Analytical Equipment Manufacturers may avail this opportunity by paying Rs. 10,000/- per stall.

**For details, please contact:**

**Dr. D. SHAILAJA**

*Convener*

*Green Polymers from Renewable Resources*

Organic Coatings & Polymers Division

Indian Institute of Chemical Technology

Hyderabad – 500 607

Tel: 040-27193149, Fax: 040-27193991

e-mail: gpr908@gmail.com

## TENTATIVE PROGRAMME

9:00 a.m.	:	Registration
9.45 a.m.	:	<b>Inaugural Session</b>
		□ Dr. K.T. Achaya Memorial Lecture <i>"Polymers from Renewable Resources: Options &amp; Challenges"</i> by Dr. S. Sivaram, Director, National Chemical Laboratory, Pune
		□ Presentation of OTAI (SZ) Merit Awards
11.15 a.m.	:	HIGH TEA
11.45 a.m.	:	<b>Technical Session I</b>
		□ Enzyme catalyzed routes to biodegradable polymers
1.15 p.m.	:	LUNCH
2.00 p.m.	:	<b>Technical Session II</b>
		□ Polymer composites using natural fibres
		□ Oil seed cake based biorefinery
3.30. p.m.	:	TEA BREAK
3.45. p.m.	:	<b>Technical Session III</b>
		□ Green Polymers in biomedical applications
		□ Compostable packaging materials
5.15 p.m.	:	<b>Concluding Session</b>
5.45 p.m.	:	Annual General Body Meeting of OTAI (SZ)

## CALL FOR ABSTRACTS (POSTER SESSION)

Research papers within the scope of the seminar are invited from participants for poster session and the last date for receiving the abstracts is 15<sup>th</sup> August, 2008.

## ADVERTISEMENT TARIFF FOR SOUVENIR

A Souvenir will be brought out on this occasion containing informative and valuable technical presentations of the seminar. Advertisement Form is enclosed. The tariffs are as follows:

Back Cover (Multi colour)	24X18 cm	Rs. 20,000/-
Inside Cover (Multi colour)	24X18 cm	Rs. 15,000/-
Full Page (Multicolour)	24X18 cm	Rs. 10,000/-
Full Page (Black & White)	24X18 cm	Rs. 6,000/-

## DELEGATE REGISTRATION FORM

**National Seminar on  
Green Polymers from Renewable Resources- Emerging Technologies  
September 6, 2008  
IICT, Hyderabad**

**Participant**     Mr.     Ms.     Dr.     Prof.

Name (in Block Letters) : \_\_\_\_\_

Designation: \_\_\_\_\_

Organisation: \_\_\_\_\_

Address for Correspondence:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN: \_\_\_\_\_

Telephone : \_\_\_\_\_

Mobile: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Details of Registration Fee:** Draft/Cheque No. \_\_\_\_\_  
(To be drawn in favour of Oil Technologists' Association of India, Southern Zone) Payable at Hyderabad

<b>Registration Fee</b>	<b>Before 31<sup>st</sup> Aug. 2008</b>	<b>After 1<sup>st</sup> Sept. 2008</b>
Non – OTAI Members	Rs. 1500/-	Rs. 2000/-
OTAI Members	Rs. 1000/-	Rs. 1500/-
Students	Rs. 500/-	Rs. 600/-

**Last date for Registration:** 31<sup>st</sup> August, 2008

Registration charges include Delegate Kit, Participation in the Conference, Lunch and Tea. Registration Fee does not include Transport and Accommodation Charges.

Please mail the filled Registration Form along with the Demand Draft to:

**Dr. D. SHAILAJA**

*Convener, Green Polymers from Renewable Resources*  
Organic Coatings & Polymers Division  
Indian Institute of Chemical Technology  
Hyderabad – 500 607. Tel: 040-27193149, Fax: 040-27193991  
e-mail: gpr908@gmail.com

## EXHIBITION / ADVERTISEMENT ORDER FORM

**National Seminar on  
Green Polymers from Renewable Resources- Emerging Technologies  
September 6, 2008  
IICT, Hyderabad**

- We request you to insert our advertisement in the souvenir as per the details given below.
- We are interested in participating in the exhibition.

Advertiser/Exhibitor: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel:- \_\_\_\_\_ Mobile: \_\_\_\_\_

Fax: \_\_\_\_\_ e-mail : \_\_\_\_\_

Details of Payment: Draft / Cheque No. \_\_\_\_\_

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Please send filled Order Form along with the DD/Cheque drawn in favour of Oil Technologists' Association of India, Southern Zone, Payable at Hyderabad.

**Dr. D. SHAILAJA**

*Convener, Green Polymers from Renewable Resources*  
Organic Coatings & Polymers Division  
Indian Institute of Chemical Technology  
Hyderabad – 500 607. Tel: 040-27193149, Fax: 040-27193991  
e-mail: gpr908@gmail.com

## OTAI (SZ) ANNUAL MERIT AWARDS

### O.P. NARULA – OTAI (SZ) TECHNOLOGY AWARD – 2008

Oil Technologists' Association of India (Southern Zone) instituted O.P. NARULA TECHNOLOGY AWARD in 1998 with a capital fund provided by Sri O.P. Narula, President, Industrial Consultants (India), New Delhi. OTAI (SZ) has enhanced the capital fund of the award from its funds and re-named the Award as "**O.P. NARULA – OTAI (SZ) TECHNOLOGY AWARD**". The annual award is open to all OTAI members irrespective of the zone. This award will be given for the best project report prepared on a specific topic to be suggested by OTAI (SZ) each year. The topic of this year's Award is "**Innovative Products from Non-Edible Oils**". The applicant has to submit a 10 to 15 page report (**5 copies**) on the above topic to the **Secretary, OTAI (SZ)**. The project report will be reviewed by a national level committee comprising eminent technologists belonging to the area of oils, fats and allied products. The award carries a cash prize of Rs. 5,000/-, citation and a certificate. Application should include address of the applicant with telephone/fax number and e-mail, academic qualification and experience, present employment, post held and any other relevant information and must be duly forwarded by the zone to which the applicant belongs.

### O.P. NARULA YOUNG SCIENTIST AWARD – 2008

Oil Technologists' Association of India (Southern Zone) instituted O.P. NARULA YOUNG SCIENTIST AWARD in 1998 with a capital fund provided by Sri O.P. Narula, President, Industrial Consultants (India), New Delhi. The annual award is open to all OTAI members irrespective of zone. The applicant should be engaged in research activity in oils, fats and allied products and should not have completed 35 years age as on 1<sup>st</sup> January 2007. Publications / patents obtained in the past three calendar years will be the criteria for the selection of the candidate. The Award carries a cash prize of Rs. 2,000/- Citation and a Certificate. Application should include address of the applicant with telephone/fax number and e-mail, academic qualification and experience, present employment, post held and any other relevant information and must be duly forwarded by the zone to which the applicant belongs and should send to the **Secretary, OTAI (SZ)**.

The last date for receiving the applications for the above awards is 15-08-2008. For further details please contact Dr. P.P. Chakrabarti, Hony Secretary, OTAI (SZ), C/o Lipid Science and Technology Division, Indian Institute of Chemical Technology, Hyderabad – 500 607, INDIA. e-mail : otaisz@gmail.com

BOOK-POST



## NATIONAL SEMINAR ON GREEN POLYMERS FROM RENEWABLE RESOURCES- EMERGING TECHNOLOGIES



September 6, 2008

To

From:

**Dr. D. SHAILAJA**

*Convener, Green Polymers from Renewable Resources*

Organic Coatings & Polymers Division

Indian Institute of Chemical Technology

Hyderabad – 500 607

Tel: 040-27193149, Fax: 040-27193991