



International Conference on Algal Technologies

14th-16th July 2016



Venue
Pushpa Gujral
Science City,
Kapurthala,
Punjab, India

Information Booklet

14th-16th July 2016

Kapurthala
Punjab, India

Contact - R R Siva Kiran
Mob: 0091 9986795754
sevaseducationalociety@gmail.com

<http://icat.sevas.org.in>

www.sevas.org.in

About International Conference on Algal Technologies

The International Conference on Algal Technologies (ICAT-2016) is hosted and organized by the Sevas Educational Society, Andhra Pradesh, India and Rahul Budh Vihar Prabandhak Committee, SofiPind, Jalandhar, Punjab. This conference is a platform for academicians, entrepreneurs, corporate houses, multilateral and bilateral partners to come, learn, share and network.



Sevas Educational Society invites faculty members, scientists, consultants, entrepreneurs to present technological advances in algal industries. Students can participate in paper and poster presentation and can also interact with experts in panel discussion. The conference will present content in a wide array of teaching styles such as didactic lectures, extensive question and answer and group discussion sessions, group workshops, and ample networking opportunities. Through this variety of teaching/learning styles, the faculty will enhance the knowledge of algal technologies.

It is the unmissable event of the year for anyone who works or has an interest in this area. For the first time under one roof you will have:

- Call for paper presentation and international journal publication.
- Direct interaction with entrepreneurs
- Paper and poster presentations by students
- Speech opportunity for industries and many more advantages
- High Impact Symposium and panel discussion
- Workshop on functional foods and nutraceuticals
- Workshop on Advances in Algal Biomass Technologies

Conference Theme

Advancing Algal Technologies - Challenges and Solutions

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About Workshop

Workshop on Advanced Nutraceuticals, Functional Foods and Dietary Supplements

Algae have a long history of use as foods and for the production of food ingredients. There is also increasing interest in their exploitation as sources of bioactive compounds for use in functional foods and nutraceuticals. Functional ingredients from algae for foods and nutraceuticals reviews key topics in these areas, encompassing both macroalgae (seaweeds), microalgae and cyanobacteria. The workshop will present content in a wide array of teaching styles such as didactic lectures, extensive question and answer and group discussion sessions, group workshops, and ample networking opportunities. Through this variety of teaching/learning styles, the faculty will enhance the knowledge of various formulations of nutraceuticals, functional foods, dietary supplements from various cyanobacteria and algae sources.

Learning Objectives

After participating in this entire workshop, you should have an increased knowledge of, and be more competent

- To know various formulations of functional foods, nutraceuticals and dietary supplements from algae
- To know the practical protocols and resources needed for preparation of functional foods, nutraceuticals
- To know about quality control and preparation of high end products.
- To know about critical care nutraceuticals for Enteral Nutrition.

Contents Include:

1. Algae as a source of biologically active ingredients for the formulation of functional foods and nutraceuticals
2. Lipids, fatty acids and sterols based functional foods, nutraceuticals, and dietary supplements.
3. Proteins, peptides and amino acids based functional foods, nutraceuticals, and dietary supplements.
4. Pigment from algae and cyanobacteria
5. Antibacterial, anticancer, and anti-inflammatory functional foods from algae
6. Algae product development, recommended dosage for aqua, animal and human feeding.

Workshop on Advances in Algal Biomass Technologies

The workshop focus on the following: 1. Biology; 2. Commercialization; 3. Engineering & Analysis; 4. Certifications

Learning Objectives

After participating in this entire workshop, you should have an increased knowledge of, and be more competent

- To know various biological aspects of advanced algal biomass technologies.
- Preparation of consultancy document and precautions to be taken.
- Design and Engineering of algal open race way ponds and Computer Aided Analysis.
- About Various Certifications including US FDA, FSSAI and Organic Certification.

Contents Include:

1. Algal Biomass for biofuels and Algal biomass for functional food, cosmetics and other advanced technologies.
2. Technology document overview for consultancy – Report preparation and execution.
3. Design and Engineering of algal open raceway pond and advanced strategies.
4. Computer aided design and analysis of open raceway pond and automation using online monitoring sensors.
5. Certification of US FDA and cost analysis
6. Certification of other agencies.

Collaborating Organization



About Sevas Educational Society



Sevas Educational Society is established for developing villages and making them self sufficient. The society aspires to create an ideal village with the help of modern technology.

Our aim is to create interactive atmosphere among researchers, organizations, faculties, students, employees, merchants and farmers to develop villages.

Gandhi's Concept of Ideal Village

"India does not need to be industrialized in the modern sense of the term. It has 7,50,000 villages scattered over the vast area 1900 miles long 1500 broad. The people are rooted to the soil and the vast majority is living a hand to mouth life."

Reference: Gandhiji wrote to Sir Danial Hamilton in a letter on 15-2-1922 from Bardoli

Sevas Educational Society encourages advanced technologies but mainly concentrates on employment generations. We strongly believe that Gandhi's concept of Ideal village or Gram Swaraj can be achieved by establishing more small scale industries/small scale services with advanced technologies.

With this aim, Sevas Educational Society, promoted many small scale *Spirulina* industries throughout India with the help of OfERR organization since 2006.

Many entrepreneurs joined in Sevas society will be participating in the event and interacting with the faculty, academia and students, researchers etc..

This conference is a platform for academicians, students, faculty, entrepreneurs, corporate houses, multilateral and bilateral partners from all

over the world to come, learn, share, network and learn from progress and become better in what they do.

About Rahul Budh Vihar Prabandhak Committee, Punjab



Rahul Budh Vihar Prabandhak Committee is established by Mr. Rattan Lal Sampla (Social activist) in 1989 and is registered under Society Registration Act, 1860 in 2014. This NGO works for the upliftment of poors, women population and dalits. The main objective of this NGO is to educate that it will ultimately helps them to improve their financial and social status. This conference collaboration is part of educational initiative by Rahul Budh Vihar Prabandhak Committee. Algal technologists should work along with professionals from agricultural sector and farmers to solve the problems of community, by developing advanced technologies, functional foods and promoting activities for increasing the socioeconomical status of rural population.

Technical Paper/Poster Presentation - ICAT - 2016

Provisional scientific topics include:

Advanced algal technologies
Algal biofuels
Algal biomass gasification
Water treatment and recovery
Clinical Research on algal products
Seaweeds
and many more topics..

Important Dates

Early Bird Registration ending date: June 30th 2016
Last date of submission of abstract: May 15th, 2016
Intimation of acceptance: May 20th, 2016
Submission of full length paper: May 30th, 2016
Submission of abstracts closed: May 30th 2016.

Email your abstract to sevaseducationalociety@gmail.com or call to R R Siva Kiran (0091 9986795754).

Full Length Paper Submission

Journal of Biochemical Technology – <http://www.jbiochemtech.com>

Registration Fee – INR 3000/- (Faculty/Student).

Full length paper can be mailed to sevaseducationalociety@gmail.com for publication in Journal of Biochemical Technology.

Author Instructions are available at <http://www.jbiochemtech.com>.

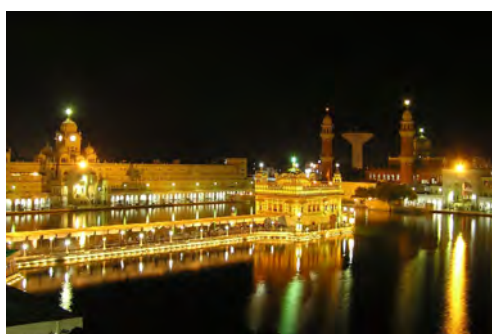
Extended abstracts will be published as a book with ISBN number.

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About Punjab, India



Punjab is a state in North India, forming part of the larger Punjab region. Tourism in Indian Punjab centres around the historic palaces, battle sites, and the great Sikh architecture of the state and the surrounding region. Examples include various sites of the Indus Valley Civilization, the ancient fort of Bathinda, the architectural monuments of Kapurthala, Patiala, and Chandigarh, the modern capital designed by Le Corbusier. The Golden Temple in Amritsar is one of the major tourist destinations of Punjab and indeed India, attracting more visitors than the Taj Mahal, Lonely Planet BlueList 2008 has voted the Harmandir Sahib as one of the world's best spiritual sites. Moreover, there is a rapidly expanding array of international hotels in the holy city that can be booked for overnight stays. Another main tourist destination is religious and historic city of Sri Anandpur Sahib where large number of tourists come to see the Virasat-e-Khalsa (Khalsa Heritage Memorial Complex) and also take part in Hola Mohalla festival. Kila Raipur Sports Festival is also popular tourist attraction in Kila Raipur near Ludhiana. Shahpur kandi fort, Ranjit sagar lake and Muktsar Temple also popular attractions in Pathankot

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The conference venue, Pushpa Gujral Science City is considered to be *An Emblem of Pride for Punjab*. Pushpa Gujral Science City offers a blend of education, curiosity and fun to ensure longer and repeated visits. The project is aimed at cultivating an interest in science through open-ended exploration away from text books and black boards, with a scientific approach to problem solving. The project has something for everyone, regardless of age, education, profession or social strata and is intended to make science accessible to people who are not part of the formal education system. It is a joint project of the Government of India and Government of Punjab. The first phase of Science City was inaugurated by the His Excellency Lt. Gen (retd) S.F Rodrigues, Governor of Punjab on March 19, 2005. Major attractions included in the first phase were Space Theatre, Laser Theatre, 3D Theatre, Flight Simulator and Fun Science exhibits. A State level Energy Education and Awareness Park was also developed in collaboration with Punjab Energy Development Agency (PEDA). PGSC, in its second phase added several galleries namely Amazing Living Machine, Science of Sports, Virtual Reality and Cyber Space, Earthquake Simulator, convention hall and Dinosaurs park to present memorable, entertaining, knowledge-based and excitable experience and many more...



The conference city, earlier referred to as the 'Paris of Punjab', Kapurthala is an excellent city with amazing architecture and breathtaking gardens. It was here that Guru Nanak attained enlightenment in 1499. Historical significance, scenic landscape and spectacular monuments make this place a unique destination.

Other tourist attractions

Wagah Border: Wagah Border attracts crowds in large numbers including elderly people, children and foreign nationals. From shouts of patriotism, to the powerful show put up by the BSF and Pakistan Rangers, a visit to Wagah is a gripping experience.

Jallianwala Bagh in Amritsar: Jallianwala Bagh is a public garden in Amritsar famous for one of the most tragic yet landmark events in the history of India. This is where the Amritsar Massacre of 1919 took place. The British Army soldiers upon receiving orders from General Dyer opened fire on a huge, unarmed gathering of men, women and children on April 13, 1919. Dharamshala containing Dalai Lama temple complex, Bhagsunag Fall, Church of St. John, War Memorial, Kangra Art Museum and Norburlinka Institute.

Jalandhar, the land that boasts of a rich history is also famous for sports goods. This ancient part of the world, which is mentioned in the epic Mahabharata, has some of the most famous sites of historical importance and religious significance. Here are the top attractions in Jalandhar.



Chief Patrons

Sri. RNL Naidu, Hon Secretary, Sevas Educational Society

Mr. RattanLal Sampla, Founder, Rahul Budda Vihar Prabandhak Committee, Jalandhar, Punjab

Dr. Dolly Wattal Dhar, Professor and Principal Scientist, Incharge: Algal Centre, Indian Agricultural Research Institute, New

Patron

Mr. Dharam Pal Leel, Hon President, Rahul Budda Vihar Prabandhak Committee, Jalandhar, Punjab

Organizing Secretary

Mr. R R Siva Kiran, Organizing Secretary, National Conference on Algal Technologies, Komatiipalli Post, Bobbili Mandal, Vizianagaram (Dt), Andhra Pradesh, India.

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Joint Secretary

Ms. Arti Kumari, Diabetic Educator, Saarathi Health Care Pvt Ltd, Jalandhar

Ms. Asma Naaz, Director, Dantour Vikas Sarvajinik Punyarth Trust, Dantour, Khajuwala, Bikaner, Rajasthan

Advisory Members and Entrepreneurs

Prof. Dr. S. Rajkumar Immanuel, Department of Botany, The American College Madurai, Tamil Nadu.

Dr. S. Nagaraj, Centre for Advanced Studies in Botany, University of Madras, Chennai – 600025, Tamil Nadu

Dr SANJEEVANI arora, Dept of Biochemistry & Cancer Biology, UT- Health Sciences Toledo, United States

Dr. Shoulei Jiang, University of Texas Health Science Center at San Antonio, United States

Dr. Kazuhisa OHTAGUCHI, 1973BS, Department of Chemical Engineering, Tokyo Institute of Technology, Japan

Dr. Alex Angerhofer, Dept. of Chemistry, University of Florida, Box 117200, Gainesville, FL 32611, USA

Mr. S. S. Jiban Dash, Chairman, Gugly Centre for Biological Research, Odisha, India

Dr. Vojtech Adam, Department of Chemistry and Biochemistry, Mendel University in Brno, Czech Republic

Dr. Xiuhua Dong, UT Southwestern Medical Center, United States

Sri. Ratnaraja Singam, Nallayan Research Centre, OfERR organization, Navalur, Chennai, Tamil Nadu

Mr. Rajeshkumar Kansagara, CEO, Himani Shipping Services Pvt. Ltd. Adajan, Surat, Gujarat.

Mr. S. S. Jiban Dash, Chairman, Gugly Centre for Biological Research, Odisha, India

Prof.(Mrs.) Sailabala Padhi, Director, Centre for Environmental Studies, Forest & Environment Department, Govt.of Odisha, N-1/247, IRC Village, Nayapalli, Bhubaneswar-751 015, Odisha.

Mr. J.R.Parhi, Vikash Dhara (NGO), Kotapur, Jajpur, Odisha

Sponsored Event

The Sevas Educational Society welcome industries/societies/institutes/government organizations to participate in this conference for explaining their products and services to Entrepreneurs.

Maximum Duration: 5 minutes

Fee: INR 10,000/- (Indian Industries)

Fee: USD 1000/- (International Organizations)

Terms and Conditions:

1. Interested industries can register their names by sending email to sevaseducationalociety@gmail.com.
2. For financial related terms and conditions, please contact the organization secretary, for more information.

Proposal Submission Guidelines:

The entire speech should be mailed along with presentation to sevaseducationalociety@gmail.com and for more information contact, R R Siva Kiran, Organizing Secretary, National Conference on Algal Technologies, Visakhapatnam, India.

More information will be updated in <http://icat.sevas.org.in>.

We cordially invite your organization to associate with us and make this event successful.

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Sponsorship Packages

Exclusive Platinum Sponsors: INR 2,00,000 (USD 3200)

Becoming the Platinum sponsor for the conference will provide your company with optimal exposure on all marketing material and banners, as well as access to a number of additional benefits that are unique to this package.

- Exclusive speaking position for company representative
- Full page advert in conference programme
- Award presentation and 2 delegates in the front row
- Priority branding on main stage
- Prime location allocated for exhibition space
- Inclusion of company materials in delegate bags
- Recognition as Platinum sponsor in marketing materials and press releases
- Corporate identity on conference website with link to company website
- Recognition as Platinum sponsor in SEVAS - InTouch newsletters

Gold Sponsors: INR 1,00,000 (USD 1600)

- Half page advert in conference programme
- 1 delegate places in the front row
- Branding on main stage
- Exhibition space in semi-prime location
- Inclusion of company materials in delegate bags
- Recognition as Gold sponsor in marketing materials and press releases
- Corporate identity on conference website with link to company website
- Recognition as Gold sponsor in SEVAS - InTouch newsletters

Silver Sponsors: INR 50,000 (USD 1000)

- Quarter page advert in conference programme
- Some branding on main stage
- Exhibition space
- Inclusion of company materials in delegate bags
- Recognition as Silver sponsor in marketing materials and press releases
- Company logo on conference website with link to company website
- Recognition as Silver sponsor in SEVAS - InTouch newsletters

Note: Tax, bank transfer charges and other expenses extra

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Sponsorship Packages

Exclusive sponsorship for lunch : INR 1,00,000 (USD 2600)

- Corporate identity displayed in dining area during lunch
- Corporate identity included on menu cards
- Opportunity to give luncheon address (though not compulsory)
- Quarter page colour advert in programme
- 1 complimentary delegate place

Exclusive Sponsorship for Hi-tea: INR 50,000 (USD 1200) ---- Four Sponsors

- Corporate identity displayed in the refreshment area during coffee breaks
- Opportunity to include branded items such as napkins, chocolates or biscuits for instance (to be provided by sponsor)
- Quarter page colour advert in programme
- 1 complimentary delegate place

Exclusive Sponsorship for Conference Badges : INR 50,000 (USD 1200)



All delegates are required to wear their personalised conference badge (attached to the lanyard) on arrival at the venue. Have your company logo on all delegate badges (position as design allows) and remind delegates of your company's input into the conference.

- Quarter page color advert and one complementary delegate.
- Two lines about your organization at the back of the badge and below program schedule.

Exclusive Sponsorship for Data Stick : INR 25,000 (USD 5000)



In addition to providing a high value branded product to delegates beyond the event, Conference proceedings can be loaded onto the sticks prior to the event and distributed to delegates on arrival.

- Quarter page color advert and one complementary delegate.
- Your company logo on the data stick.

Conference Souvenir

Advertisement page charges in the conference souvenir

- 1/4 Page charge - INR 5000 (USD 120)
- 1/2 Page charge - INR 10,000 (USD 240)
- Full Page charge - INR 12,000 (USD 500)

Specifications

1. Page size: 11 in * 8.5 in
2. Leave .25 in on all sides
3. The design should meet the standards of the souvenir, please mail us your design for more information on artwork specifications.

Note: Tax, bank transfer charges and other expenses extra

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Sponsorship Packages

Exclusive Sponsorship for Pens and Pads : INR 5,000 (USD 120)

Distributed to all attendees upon arrival, branded pens and pads again offer visibility to you and value to the delegate both during and beyond the event.

- Quarter page colour advert in programme
- 1 complimentary delegate place
- Display of company logo on pen and pads

Insert in delegate package: INR 2500 (USD 60)

Product or promotional materials can be included within the delegate packs distributed to each participant upon arrival.

Exclusive Sponsorship for Conference Bags : INR 1,00,000 (USD 1600)



All delegates will be given conference bags and logo of your company will be displayed on the bag along with SEVAS logo.

- Quarter page color advert
- One complementary delegate.

Note: Tax, bank transfer charges and other expenses extra

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Sponsorship Reservation Form

I am interested in becoming the (please tick box):

Platinum Sponsor Gold Sponsor Silver Sponsor

I am interested in the following (please tick box):

Lunch Hi-tea Conference bags Exhibit/stall space

Data Sticks Conference Pens & Pads Directory Ads Workshop

Insert in Delegate Packs Conference Badges Conference Souvenir

14th-16th July 2016 Kapurthala, Punjab, India

Company:

Address:

Name of contact:

Contact

Tel. Number:

Contact

Email:

Signature:

Date:

[Please mail to sevaseducationalociety@gmail.com](mailto:sevaseducationalociety@gmail.com)

Please contact Organizing Secretary, R R Siva Kiran to discuss all opportunities listed in this brochure.
Tel: + 91 9986795754 . Email: sevaseducationalociety@gmail.com.

Last Date: 30th May 2016
First Come - First Serve Basis

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