



2nd International Conference On

NEW CHALLENGES IN BIOTECHNOLOGY AND MOLECULAR BIOLOGY IN THE CONTEXT OF 21st CENTURY (NCBMBCC)

February 27-29, 2016

Venue :
ST. JOHN'S COLLEGE
AGRA-282002 (U.P.) INDIA

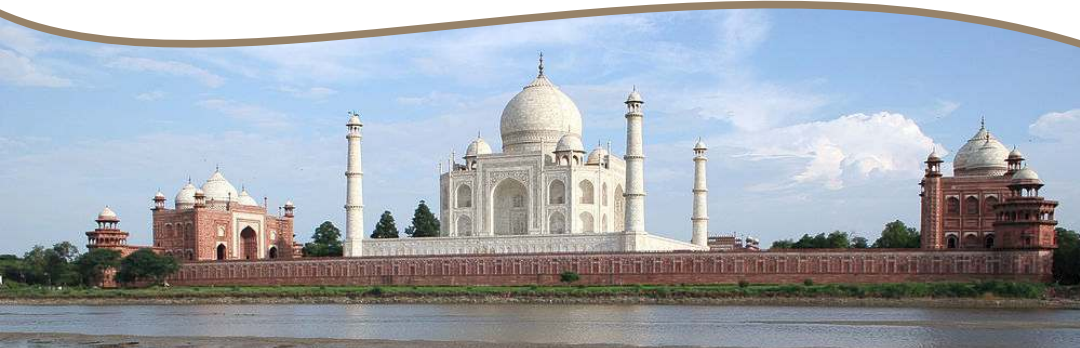
Organized By :



**INDIAN SOCIETY OF GENETICS, BIOTECHNOLOGY
RESEARCH AND DEVELOPMENT, AGRA, INDIA**
www.isgbrd.co.in



**ST. JOHN'S COLLEGE
AGRA**
www.stjohnscollegeagra.in





Invitation

Dear Friends & Colleagues,

On behalf of the organizing committee it is our immense pleasure to invite you to the 2nd International Conference on NEW CHALLENGES IN BIOTECHNOLOGY AND MOLECULAR BIOLOGY IN THE CONTEXT OF 21st CENTURY (NCBMBCC), organized by Indian Society of Genetics, Biotechnology Research & Development, Agra in association with St. John's College, Agra. The conference will bring together the international scientific community and many segments of the biotech industry and experts of the subject to provide a platform for exchanging ideas in biotechnology and its applications. It is anticipated that upto five hundred scientists, industrialists and academicians from the round the world will attend this conference to share their latest discoveries and to learn about noble products and breakthroughs.

This International Conference on New challenges in Biotechnology and Molecular Biology in the context of 21st Century "NCBMBCC-2016" with focus on Agriculture Biotechnology, Medical Entomology, Food, Pharmacy and Environment aims to enlighten advances in biotechnological researches in Agriculture including crops, Aqua culture and vectors of veterinary importance; Food Technology; Pharmacy and Environment as well as their applications in industry and academics. In view of globally growing business in biotechnology, emphasis will be laid on tropical issues like Plant and Environmental biotechnologies including Molecular Marker, Assisted Selection, Transgenic plants and Crops; Phyto-Bioremediation, and Microbial diversity; Medical and Pharmaceutical Biotechnology (TB, Vaccines, Cancer, AIDS, Hepatitis, Arthritis, Hemophilia, bone fractures, multiple sclerosis, and cardiovascular disorders, antibiotics and antibodies); Industrial Biotechnology; Biomedical and Bioprocess Engineering; Protein Engineering ; innovations in understanding of structure and functions of genes and proteins ; genome and proteome information; Pharmacogenomics, Gene therapy, Genetic testing (or genetic screening); Drug production; Disease diagnostics: DNA Computing, Bioinformatics, Nano-Biotechnology etc.

The organizing committee cordially invites you and your colleagues to participate in this event. Your active participation will surely enrich the discussion and emerging recommendations. We shall be glad to meet you at Agra – The city of the Historic Taj Mahal. Join us in this exciting Opportunity.



Organizing Committee :

- Chief Patron** : Prof. S. Ayyappan, DG, ICAR & Secretary DARE
Patron : Prof. J. S. Sindhu, DDG (Crop Science) ICAR
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 Dr. Erick Fernandes, USA
 Prof. Rishi Behl, India, Convener
 Dr. A. R. Siddiqui, Bangladesh
 Dr. Rohini Karunakaran, Malaysia



Conference Themes :

Researchers are invited to submit abstracts for Oral & Poster presentation in the following areas :

Biotechnology, Animal & Plant Breeding

1. Biotechnology and Plant Breeding for food security and bioenergy.
2. Livestock breeding and biotechnology for production of milk, meat and other by products , animal husbandry, feed, and health aspects.
3. Bio-Nano-technologies towards maximizing input use efficiency, physiological efficiency in crop production, Agro-horticulture and Agro-forestry.
4. Plant- microbe interactions towards yield and food quality; Bio-Eco- Organic farming,
5. Crop tolerance to biotic and abiotic stresses towards yield, wheather resilient crops and climate smart agriculture.
6. Application of Biotechnology in Food Processing, preservation, value addition and food safety, post harvest management of foods, fruits, vegetables and milk products
7. Application of Tissue culture, Genomics, Transcriptomics, Omics, Metabolomics and GMOs in crops and animals.

Medicinal and Pharmaceutical Biotechnology

1. Role of Biotechnology in the field of Medical sci., Pharmacy, Antibiotics, Biomolecules and Production of vaccines.
2. Biowaste management, Biosafety and Bioethical issues
3. Nutraceuticals and other food supplements
4. Insect Pest of Medical & Veterinary Importance

Microbial and Industrial Biotechnology

1. Quality Assurance Techniques in Biotechnological, Food and Pharma Industry.
2. Advances in the field of Fermentation, Enzyme Technology & Bioprocess Engineering.
3. Biofortification, industrial processing and end use Quality
4. Bio-nano technologies in biomolecules, food, industrial manufacture, environment and health sectors
5. Agri-bio-waste management for Bio- energy sources, Biofuels/Biogas, Vermicompost
6. Role of microorganisms in fermentation and industrial Biotechnology & Biofertilizers

Environmental Biotechnology

1. Climatic Change & Remedies
2. Environmental pollution targeting underground water and aquatic ecology
3. Food adulteration and diagnostic bio kits
4. Role of biotechnology in Phytoremediation, bioremediation: soil, water, air pollution
5. Sustainable development towards the environmental protection using Biotech tools
6. Bioindicators of Water, Air and Soil Quality.

Technology And Socio-Economic Aspects

1. Applications of Computer and Nano-technologies, Bioinformatics towards food security and post harvest management
2. Value Added Foods for domestic and export markets , International and regional cooperation
3. Enabling policies for local, national and global food security
4. Ethical issues related to Biotechnology and Biosafety regulations
5. GMO's: acceptance in rural and urban settings. Patents and farmers rights





National Advisory Committee :

Prof. A.K.Singh, V.C., RVSKVV, Gwalior,
Prof. Premjeet Singh, VC, CAU, Imphal
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Dr. Ashutosh Upadhyay, NIFTEM, Kundli.
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Dr. Amla Chopra, DBU, Agra
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Dr. Archana Singh, Deptt. of Biochemistry, Dr. BRAU
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Dr. Alok Mawar, S.N. Medical College
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Dr. R.K. Behl, Former Dean
Dr. D.P. Singh, Former VC, JNKVV Jabalpur
Mr. Varun Sharma, Jammu

About The Conference :

The technical programme of the International Conference comprises of Plenary Lectures, Lead Papers, Contributory Papers, Poster Presentation, Panel Discussions with Scientists, Policy planners and Persons from industries and NGO's.

Venue : St. John's College, [Agra]-282002, India
Dates : February 27 to 29, February 2016
Official Language : English

Objectives :

This International Conference is being organized with the following objectives:

- a) To provide an international platform to scientists, researchers, academicians, industrial people and students in the field.
- b) To review the status of knowledge and practices being adopted at regional and global levels.
- c) To identify long term challenges future themes in the various fields.
- d) Knowledge transfer to ensure the Food Security and Value addition through Food production and processing using Bio-technological options.
- e) To harness and promote international partnership among Genetecists, Medical Entomologists, Biotechnologists, Food Technologists, Pharmacists & Agricultural Scientists.





Programme :

February 27, 2016: Registration, Inauguration, Key note addresses, Technical Sessions, Cultural Program

February 28, 2016: Key Note Lecture followed by technical sessions; Oral and Poster Presentations.

February 29, 2016: Valedictory Function and Post Conference Excursion

Registration Fees :

Sl.	Category	Registration Fee	On Spot Registration Fee
1.	Research Scholar / Student	₹ 1700.00	₹ 2000.00
2.	Professor / Scientist (Member ISGBRD)	₹ 3000.00	₹ 3500.00
3.	Professor / Scientist (Non-Member)	₹ 3500.00	₹ 4000.00
4.	Accompanying Person	₹ 2500.00	₹ 3000.00
5.	International NRIS	\$ 200.00	\$ 250.00
6.	Accompanying Person	\$ 150.00	\$ 200.00
7.	Industries & Participation Corporate	₹ 5000.00	₹ 5500.00

Payment Mode :

For DD/Electronic wire transfer use the following information.

In favour of : Indian Society of Genetics, Biotechnology Research & Development (ISGBRD)

A/c No. : 3023101003907

Bank's Name : Canara Bank, Shastripuram, Agra (U.P. India)

IFSC Code : CNRB0003679

SWIFT Code : CanaraBank (Note : DD in the name of society & Cash (On-Spot Registration is also acceptable.)

Accommodation:

Accommodation for outside delegates may be provided on prepayment basis in hotels.

The tariffs are as follows:

Category	Hotel Price (INR/Day)	Category	Hotel Price (INR/Day)
1. Super Delux	₹ 3500.00	4. Standard Cat-2	₹ 2000.00
2. Delux	₹ 3000.00	5. Standard Cat-3	₹ 1500.00
3. Standard Cat-1	₹ 2500.00	6. Youth Hostel	₹ 300.00

Deadlines :

Category	Date
Submission of Abstracts	Feb. 10, 2016
Notification to the Author	Feb. 15, 2016
Submission of Full Length Manuscript for Selected paper	Feb. 22, 2016
On Line Registration upto	Feb. 15, 2016



Guidelines For Abstract Submission

- The abstracts of the paper and Poster presentations should not exceeding 300 words. The title should be in CAPITAL and in bold followed by the names of the author(s), and their affiliations, name of the presenting author should be underlined. Abstract should be sent in MS Word file using Times New Roman set at font size of 12 in ENGLISH. Only Abstract with registration fees will be considered for publication. Posters should confirm to the suggested size of 4' × 3' and include title, author's name and address for communication.
- The full length manuscripts will be submitted by e-mail only. Format of manuscript submission will be provided to selected authors.
- Please prefer online registration, abstract submission available on website : www.isgbrd.co.in
- One registration-one paper rule shall apply.
- Abstract should be emailed as Microsoft Word document or sent as soft copy (preferably on CD) along with hard copy of the abstract with the registration fees in the form of D.D. to the address given below.
- Once the D.D./Online transfer is received the confirmation of registration will be intimated.
- Please attach student ID proof in support of registration as a student.
- NO REFUND of registration and accommodation cost will be provided under any circumstances

Awards :

Gregor Johnn Mendal Award	Recognition Award
Lifetime Achievement Award	ISGBRD Fellowship Award
Eminent Professor/Scientist Award	Excellence Research Teaching Award
Young Scientist Award (Below 35)	Best Paper Presentation Award
Young Scientist Award (Above 35)	Best Poster Presentation Award

Note : Interested researchers are requested to submit their Bio-data for various ISGBRD awards.

Poster Presentation :

Posters (1x1.2 m) should include Title, Name and address of the Author(s), Short Introduction, Material & Methods, Results and Conclusions. There are awards for Best Poster Presentation.

Contact :

Dr. Girish Maheshwari

Convener of the Conference
School of Entomology
St. Johns' College Agra-282002 (U.P.) India
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Mob. 9412723123

Dr. P. K. Upadhyay

Organizing Secretary / Gen. Secretary ISGBRD
Secretariat 2nd International Conference
C/o School of Entomology (Science Wing)
St. Johns' College Agra-282002 (U.P.) India
email : drpku.2010@yahoo.com, info@isgbrd.co.in
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About The Agra City:

Agra, the former capital of Hindustan (India), is a city on the bank of the River Yamuna (Kalindi) in the northern part of Uttar Pradesh, India. It is 200 kilometers south to the national capital New Delhi. It achieved much fame as the capital of the Mughal Empire from 1556 to 1658. It is a major tourist destination because of its many splendid Mughal-era buildings, most notably the Taj Mahal, Agra Fort, Sikandra, Imdad-ud-Daula and Fatehpur Sikri; all five of which are UNESCO World Heritage Sites.

Visa :

Letter of Invitation for Visa application will be sent on request after receipt of Registration Form, passport Details & Fees. Please check with the local Indian Embassy and consult for visa details and other requirements.

Weather At Agra :

February is moderately cold with night temperatures dropping around 10°C. Days are bright and cool. February is one of the best times for enjoying sightseeing and outdoor activities. Woolen apparels are recommended.

How To Reach Agra :

- By Air :** To Reach Agra one has to arrive at Indira Gandhi International Airport, New Delhi. Agra is situated at a Distance of 200 Kms from IGI Airport.
- By Train :** Agra is very well connected by Train from New Delhi and other parts of India.
- By Road :** Agra is very well connected to Delhi by Yamuna Express Way.



2nd International Conference On



NEW CHALLENGES IN BIOTECHNOLOGY AND MOLECULAR BIOLOGY IN THE CONTEXT OF 21st CENTURY (NCBMBCC)



To,
Organizing Secretary, NCBMBCC-2016
School of Entomology, Science Wing,
St. John's College, Agra

Registration /Accommodation Request

Name (in Block Letters) : Prof./Dr./Mr./Mrs./Ms.

Designation :Nationality :

Subject/ Area of Specialization :

University / Institution :

Residential Address :

.....

City.....State.....Country.....

TelephoneMobile.....

E-mail :

Type of Registration : Academician/Professional Student

Title of the Oral/Poster Presentation :

Abstract : Submitted Not Submitted

ID/Passport No.....

Date of Arrival :Date of Departure:.....

Accommodation Required : Yes No Category _____

Category	Hotel Price (INR/Day)
1. Super Delux	₹ 3500.00
2. Delux	₹ 3000.00
3. Standard Cat-1	₹ 2500.00

Category	Hotel Price (INR/Day)
4. Standard Cat-2	₹ 2000.00
5. Standard Cat-3	₹ 1500.00
6. Youth Hostel	₹ 300.00

Mode of Payment : DD Electronic Transfer

Details of Transaction : DD/UTR No.....Amount.....

Date of Issue.....Bank & Branch.....

Date _____ Signature _____

DD/NEFT in favour of : Gen. Secretary, ISGBRD. A/c No. :3023101003907

Bank's Name:Canara Bank, Shastripuram, Agra (U.P. India) IFSC Code :CNRB0003679.

SWIFT Code : CanaraBank

(Note : DD in the name of society & Cash (On-Spot Registration is also acceptable.)