

**National symposium  
on**

**Advances in Biology and  
Exploitation of Phyto-resources**  
2<sup>nd</sup> - 3<sup>rd</sup> November, 2017



**About Kolkata:**

Kolkata, the city of joy, has been a nucleus of the 19<sup>th</sup> and early 20<sup>th</sup> -century Bengal Renaissance and a diverse centre of culture. The city is a beautiful amalgamation of different cultures coupled with several forms of creativity, intellectualism, artistic development, and scientific progression. Kolkata, the capital of West Bengal, is abode five Nobel laureates, Sir Ronald Ross, Rabindranath Tagore, Sir C.V. Raman, Mother Teresa and Professor Amartya Sen. Many notable Scientists like Prof. S.N. Bose, Prof. J.C. Bose, Prof. P.C. Roy etc. were born, worked at Kolkata and made the city proud by their groundbreaking contributions. Kolkata has a number of premier research Institutes and Universities. As a cultural capital of India, Kolkata has many more things to explore. The city heartily invites you!!!

**How to get in:**

By Air: Netaji Subhas Chandra Bose International Airport (CCU)  
By Train: Nearest Railway Stations are Howrah and Sealdah

**Welcome messege**

We take the pleasure to host a two-day national symposium on 'Advances in Biology and Exploitation of Phyto-resources'. The event is scheduled to be held during 2<sup>nd</sup> – 3<sup>rd</sup> November, 2017. This meeting will bring together eminent scientists in plant biology from all over the country. The event will provide an excellent platform to the faculties, researchers and students for interactive discussions with the experts in plant biology.

**You are invited!!**

**About us:**

We began our humble journey just three years back. We are still in our infancy but at the same time we are growing fast. 'Information is not knowledge and knowledge is not wisdom'—with this ideal in our mind we aim to impart not only information but knowledge and also, not only knowledge but wisdom. We sincerely hope that our students will not be mere graduates but responsible global citizens.



**Organized by:**  
**Department of Botany**  
**Dr. A.P.J. Abdul Kalam Govt. College**

**Venue:**

**Ramkrishna Mission Institute of Culture**  
**Golpark, Kolkata**

**Supported by:**

**Department of Higher Education, Sience &  
Technology and Biotechnology,  
Govt. of West Bengal**  
**West Bengal Biodiversity Board**



## Patrons

Minister-in-Charge, Department of Higher Education,  
Science and Technology and Biotechnology  
Principal Secretary, Department of Higher Education  
Director of Public Instruction, Department of Higher  
Education  
Vice-Chancellor, West Bengal State University  
Registrar, West Bengal State University

## Organizing committee

### President:

*Dr. Sebanti Bhattacharya*

### Chairperson:

*Dr. Mala Neogy*

### Organizing Secretaries:

*Dr. Saswati Bhattacharya*

*Dr. Riddhi Datta*

### Treasurer:

*Mr. Debasis Mandal*

## Scientific sessions

*Advances in Molecular Biology and Biotechnology*  
*Secondary Metabolites and Exploitation of Phyto-resources*  
*Cell Biology and Tissue Culture*  
*New Biology: Techniques and Applications*  
*Biosystematics, Biodiversity and Ecology*

## Contact us:

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Dr. A.P.J. Abdul Kalam Govt. College,  
Plot-BA-1, Action Area 1, New Town, Kolkata 700156  
Email: [advancesinbiology2017@gmail.com](mailto:advancesinbiology2017@gmail.com)  
Mobile: 9903953990 / 9433084074

## Confirmed Speakers

*Prof. Arun Lahiri Majumder, Bose Institute*  
*Prof. Subhra Chakraborty, NIPGR*  
*Dr. Jitendra Thakur, NIPGR*  
*Prof. Adinpunya Mitra, IIT-Kharagpur*  
*Dr. Sharmila Chattopadhyay, CSIR-IICB*  
*Dr. Gaurav Gangopadhyay, Bose Institute*  
*Prof. Krishnendu Acharya, University of Calcutta*

## Call for abstract

Abstracts for poster presentation may be submitted only  
by email to:

[advancesinbiology2017@gmail.com](mailto:advancesinbiology2017@gmail.com)

Abstracts must be submitted in MS word (Times new  
roman, 12 pt, single spaced) and contain title, full author(s)  
name, affiliations and correspondence email.

**Registration is mandatory for abstract acceptance.**

## Registration fee

	Early bird	Late registration
Faculties:	Rs. 1000/-	Rs. 1500/-
Research scholars:	Rs. 800/-	Rs. 1000/-

Registration fees to be submitted in cash or Multicity

Account Payee cheque or draft in favor of:

**'Dr. A.P.J. Abdul Kalam Govt. College Advances  
in Biology Seminar'**, payable at **Kolkata**

For Net banking or NEFT transfer option please contact  
[advancesinbiology2017@gmail.com](mailto:advancesinbiology2017@gmail.com)

## Important dates:

*Early bird registration closes: 15 October, 2017*

*Abstract submission closes: 15 October, 2017*

*Abstract acceptance: 20 October, 2017*

*Registration closes: 30 October, 2017*

## Registration form

Name: \_\_\_\_\_

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

Institution: \_\_\_\_\_

Email id: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

Submitting abstract: Yes/No

Abstract title: \_\_\_\_\_

Accommodation required: Yes/No

Details of registration fees:

Category: Faculty/Research scholar

Amount: \_\_\_\_\_

Mode of payment: Cash/Cheque/Draft

Cheque/Draft No.: \_\_\_\_\_





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Dr. A.P.J. Abdul Kalam Govt. College  
New Town, Kolkata**

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**West Bengal Biodiversity Board**

# **National Symposium on ADVANCES IN BIOLOGY: EXPLOITATION OF PHYTO-RESOURCES**



**Organized by:  
Department of Botany  
Dr. A.P.J. Abdul Kalam Govt. College  
New Town, Kolkata**

**November 02 to 03, 2017**



**Venue:  
Ramakrishna Mission Institute of Culture  
Golpark, Kolkata**

**National Symposium on**  
**Advances in Biology: Exploitation of**  
**Phyto-resources**

**2<sup>nd</sup> – 3<sup>rd</sup> November, 2017**

**Organized by:**  
**Department of Botany**  
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**New Town, Kolkata**

**Venue:**  
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**and Biotechnology, Govt. of West Bengal**

**West Bengal Biodiversity Board,**  
**Govt. of West Bengal**

**Organizing committee**

**Patrons**

Minister-in-Chief, Department of Higher Education, Science and Technology  
and Biotechnology  
Chairperson, West Bengal Biodiversity Board  
Vice Chancellor, West Bengal State University  
Registrar, West Bengal State University  
Director of Public Instruction, Department of Higher Education

**President**

Dr. Sebanti Bhattacharya, Officer-in-Charge, Dr. A.P.J. Abdul Kalam Govt.  
College

**Chairperson**

Dr. Mala Neogy, Dr. A.P.J. Abdul Kalam Govt. College

**Organizing Secretaries**

Dr. Saswati Bhattacharya, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Riddhi Datta, Dr. A.P.J. Abdul Kalam Govt. College

**Treasurer**

Mr. Debasis Mandal, Dr. A.P.J. Abdul Kalam Govt. College

**Members**

Dr. Tuhin K Saha, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Saswati Sinha, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Prantik Hazra, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Tuhin Subhra Sarkar, Dr. A.P.J. Abdul Kalam Govt. College  
Mr. Mintu Deyashi, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Pranabes Bhattacharyya, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Avishek Ghatak, Dr. A.P.J. Abdul Kalam Govt. College  
Ms. Sinjini Roy, Dr. A.P.J. Abdul Kalam Govt. College  
Dr. Soumitra Paul, University of Calcutta  
Dr. Anirban Kundu, Ramakrishna Mission Vivekananda Centenary College  
Mrs. Jayeeta Saha, Rabindra Mahavidyalaya Champadanga

## Program Schedule

### DAY 1: 02.11.2017

9:30 - 10:30	Registration
10:30 - 11:45	<b>INAUGURATION</b>
11:45 - 12:00	Tea break
12:00 - 12:50	<b>KEY NOTE ADDRESS</b> Prof. ArunLahiriMajumder, Bose Institute, Kolkata
12:50 - 14:00	<b>PLENARY LECTURE 1</b> Dr. ShubhraChakraborty, National Institute of Plant Genomic Research, New Delhi
	<b>SCIENTIFIC SESSION 1</b>
14:40 - 15:10	INVITED LECTURE Prof.AdinpunyaMitra, IIT, Kharagpur
15:10 - 15:40	INVITED LECTURE Prof. KrishnenduAcharya, University of Calcutta, Kolkata
15:40– 17:00	Selected oral presentations
17:00 - 17:30	High Tea

### DAY 2: 03.11.2017

10:00 - 10:40	<b>PLENARY LECTURE 2</b> Dr. SharmilaChattopadhyay, CSIR-Indian Institute of Chemical Biology, Kolkata
	<b>SCIENTIFIC SESSION 2</b>
10:40 - 11:10	INVITED LECTURE Prof. Nirmalya Banerjee, VisvaBharati, Santiniketan
11:10 - 11:40	INVITED LECTURE Dr.Jitendra K. Thakur, National Institute of Plant Genomic Research, New Delhi
11:40 – 12:00	Tea

### SCIENTIFIC SESSION 3

12:00– 12:30	INVITED LECTURE Dr. GourabGangopadhyay, Bose Institute, Kolkata
12:30 – 13:00	INVITED LECTURE Dr. MaumitaBandopadhyay, University of Calcutta, Kolkata

13:00 - 15:00 Lunch and Poster session

### SCIENTIFIC SESSION 4

15:00 - 15:30	INVITED LECTURE Dr. ParamitaChoudhuryBasu, Presidency University, Kolkata
15:30 - 16:00	INVITED LECTURE Dr. SantanuChakraborty, Presidency University, Kolkata
16:00 - 16:30	Valedictory session and Prize distribution
16:30 - 17:00	Certificate distribution and High Tea



**Save Paper.  
Save Trees.  
Save the World.**





**National Symposium**  
**on**  
**Advances in Biology: Exploitation of Phyto-resources**  
**2nd- 3rd November, 2017**  
**Organized by:**  
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**National Symposium on**  
**‘Advances in Biology: Exploitation of Phyto-resources’**  
**Organized by**  
**Department of Botany, Dr. A.P.J. Abdul Kalam Govt. College**  
**November 02 – 03, 2017**

**Symposium summary**

A two days National Symposium on ‘Advances in Biology: Exploitation of Phyto-resources’ was organized by the Department of Botany, Dr. A.P.J. Abdul Kalam Govt. College on November 02 – 03, 2017. The inaugural program was graced by Prof. Basab Chaudhuri, Ho’nable Vice Chancellor, West Bengal State University, Prof. Dhrubajyoti Chattopadhyay, Ho’nable Vice Chancellor, Amity University, Kolkata, Swami Dayarupananda Maharaj and Swami Suparnananda Maharaj. The event was presided by Officer-in-Charge, Dr. A.P.J. Abdul Kalam Govt. College. It was definitely an honour for us that eminent scientists from different institutions have agreed to share their research experience in this event. The Keynote lecture was delivered by Prof. Arun Lahiri Majumder, Bose Institute, Kolkata. Prof. Shubhra Chakraborty, National Institute of Plant Genomic Research, New Delhi delivered the Plenary Lecture I. The Plenary Lecture II was delivered by Dr. Sharmila Chattopadhyay, CSIR-Indian Institute of Chemical Biology. This was followed by four technical sessions which consisted of eight invited lectures. There were six selected oral presentations and 22 poster presentations for young faculties and fellows to boost their research potentials. The programme witnessed participation from 22 colleges and 4 universities all over the state. Out of a total of 78 participants, 48 were faculties and 30 were students and research fellows. The symposium has successfully provided a forum for the discussion of emerging arenas of biological sciences with special emphasis on plant science.