

DETAILS OF SEMINARS ORGANIZED BY SCIENCE DEPARTMENTS

2015-2021

BOTANY

Date	Topic of the Seminar	Speaker/Resource Person	International/ National/Regional/ College (Level)
30/06/2020	Recent Advances in Biology	Dr. Partha Chakrabarty, Principal Scientist, Cell Biology and Physiology, IICB Main Campus Prof. Amal Kumar Mondal, Dept. of Botany and Forestry, Vidyasagar University	College level
08/02/2020	Palynology and its applications	Dr. Mahasin Ali Khan, Assistant Professor, Department of Botany, Sidho- Kanho-Birsa University, Purulia (DBT)	College level
6/2/2020	Organogenesis in <i>Bacopa monnieri</i>	Dr. Dipu Samanta, Assistant Professor, Department of Botany, Dr. Kanailal Bhattacharyya College Dr. Debleena Roy: Assistant Professor, Lady Brabourne College (DBT)	College level
16/01/2020	Bioinformatics for Therapeutic Interventions	Dr. Sayak Ganguli, Assistant Professor, Department of Biotechnology, St. Xaviers College (Autonomous) (DBT) Dr. Saikat Chakraborty, Principal Scientist, IICB	College level
27/09/2019	Palynology	Dr. Sandip More, Dept. of Botany, University of Calcutta	College level
24/05/2019	Methods related to phytochemical analysis	Dr. Susmita Das Dept of Botany, University of Calcutta	College level
30/04/2019	Chromatography	Dr. Susmita Das Dept of Botany, University of Calcutta	College level
08/04/2019	Quality control of plant drugs	Dr. Susmita Das Dept of Botany, University of Calcutta	College level
02/04/2019	Population Genetics	Dr. Moumita Bandopadhyay Dept. of Botany, University of Calcutta	College level
26/04/2019	Apoptosis and overview of programmed cell death	Dr. Rajat Banerjee, Head of the Dept., Dept. of Biotechnology, University of Calcutta	College level
30/03/19	Biodiversity of medicinal plants in India	Dr. Prabir Ranjan Sur, Retired Scientist, Botanical Survey of India	College level

22/01/2019	Ethnobotany	Dr. Prabir Ranjan Sur, Retired Scientist, Botanical Survey of India	College level
08/06/2018	Bioactive compounds: Diverse chemical structures	Dr. Alok Kumar Hazra, Scientist, Ramkrishna Mission Vivekananda University, Narendrapur	College level
08/05/2018	Cancer (DBT)	Dr. Rajat Banerjee, Head of the Dept. Dept. of Biotechnology, University of Calcutta	College level
11/05/2018	Pteridophytes and their reproductive biology.	Dr. Radhanath Bandopadhyay, Retired Professor of Botany and Program Coordinator (Phase 2 Centre of advanced study), Department of Botany, University of Burdwan	College level
07/06/2018	An introduction to the application of Palaeobotany & Palynology as intriguing knowledge base for academic and societal benefit (DBT)	Dr. Sudha Gupta, Dept. of Botany, Kalyani University	College level
09/04/2018	Metabolomics	Professor Bratati Dey Dept of Botany, University of Calcutta	College level
27/04/2018	Protoplast culture and <i>Agrobacterium</i> mediated gene transfer	Professor Sandip Mukhopadhyay Dept of Botany, University of Calcutta	College level
16/03/2018	Methods of phytochemical analysis	Dr. Susmita Das Dept of Botany, University of Calcutta	College level
27/03/2018	Role of compartmentalization of secondary metabolites	Dr. Susmita Das Dept of Botany, University of Calcutta	College level
11/12/2017	Protein: Structure and Function.	Dr. Mala Neogy, Associate Professor, Dept. of Botany, A.P.J. Abdul Kalam Govt. College, Kolkata	College level
20/04/2017	Life in South pole.	Dr. Rajib Bandopadhyay, Associate Professor, Dept. of Botany, University of Burdwan	College level
08/09/ 2015	Effect of pesticide on environment	Professor Bruce Lanphear, Simon Fraser University, Canada	International



**Dr. Sudha Gupta, Dept. of Botany, Kalyani University talking on the Topic
“An introduction to the application of Palaeobotany & Palynology as
intriguing knowledge base for academic and societal benefit”**



**Dr. Alok Kumar Hazra, Scientist, Ramkrishna Mission Vivekananda
University, Narendrapur talking on the Topic “Bioactive compounds: Diverse
chemical structures”**



Dr. Prabir Ranjan Sur, Retired Scientist, Botanical Survey of India talking on the Topic “Biodiversity of medicinal plants in India”



Dr. Mahasin Ali Khan, Assistant Professor, Department of Botany, Sidho-Kanho-Birsa University talking on the Topic “Palynology and its applications”



Dr. Sayak Ganguli, Assistant Professor, Department of Biotechnology, St. Xavier's College talking on the Topic "Bioinformatics"



Professor Bruce Lanphear, Simon Fraser University, Canada speaking on Effect of pesticide on Environment



Lady Brabourne College

ONE DAY WEBINAR

TOPIC: RECENT ADVANCES IN BIOLOGY

ORGANISED BY

PG DEPARTMENT OF BOTANY, LADY BRABOURNE COLLEGE

Date & Time: Tuesday 30 th June, 2020 04:00 PM Webinar Platform: Cisco Webex

SPEAKER

"EXPERIMENTAL
APPROACH TO BIOLOGY"



DR. PARTHA CHAKRABARTY
PRINCIPAL SCIENTIST
CELL BIOLOGY AND PHYSIOLOGY,
IICB, MAIN CAMPUS

"A MOLECULAR METHOD FOR
IDENTIFICATION OF MEDICINAL PLANTS
BASED ON DNA BARCODING"





PROF. AMAL KUMAR MONDAL
DEPT OF BOTANY & FORESTRY,
VIDYASAGAR UNIVERSITY

[Register Here](#)










For Queries Contact:

Ph: 9748881717, e-mail debleenaroy@rediffmail.com

Date	Topic of Event	Speaker/Resource Person	International/ National/ Regional/ College Level	Some Glimpses
08-01-2016	DBT- Sponsored Student Seminar on "Advantage in Learning Chemistry to Understand Biology"	Professor Saurabh Das, Department of Chemistry, Jadavpur University	Regional/ College	
11-01-2016	DBT – SPONSORED CAREER COUNSELLING PROGRAM for Chemistry students entitled “Career options in Biology for Chemistry Graduates”	Dr. Sukanya Chakrabarti & Dr. Soma Samaddar, Department of Chemistry, Lady Brabourne College	Regional/ College	
19-09-2016	Introduction to Research Programs at Nanyang Technological University	Dr. Edwin Yeow, Associate Chair & Deputy head, Division of Chemistry & Biological	International	

	(NTU), Singapore for UG and PG students of Chemistry	Chemistry School of Mathematical Sciences, Nanyang Technological University, Singapore.		
10-11-2017	Program in commemoration of the Birth Centenary of the Legendary scientist & Chemist Professor Asima Chatterjee	Professor Julie Banerjee, Retired Professor & H.O.D Postgraduate Department of Chemistry (C.U) & daughter of legendary Scientist, Prof. Asima Chatterjee	Regional/ College	
13-06-2018 & 14-06-2018	DBT-sponsored Summer School	Faculty members of the Department of Chemistry, Lady Brabourne College	State	

07-08-2018	1-day Seminar on 7th August, 2018 in commemoration of the 157th Birth Anniversary of the renowned chemist Acharya Prafulla Chandra Ray.	<p>Professor Christopher W. Bielawsky, University Distinguished Professor Department of Chemistry, Ulsan National Institute of Science & Technology, Ulsan (Republic of Korea)</p> <p>&</p> <p>Professor Samir Pal, Senior Professor, Department of Chemical, Biological & Macromolecular Sciences, S.N. Bose National Centre for Basic Sciences, Kolkata</p>	International	 <p>Prof. Christopher W. Bielawsky (IBS, Korea) delivering a lecture on "Externally Controlled Chemistry: New Methods for Stimulating Chemical Reactions from Afar"</p>  <p>Prof. Samir K. Pal (SNCNCBS, Kolkata) delivering a lecture On "Nanomedicines: The Wonders of Nanotechnology"</p>
29-09-2018	DBT-sponsored Faculty Improvement Program (F.I.P) on Basics of Computational Chemistry	Professor Pinaki Chaudhuri (C.U)	Regional/ College	

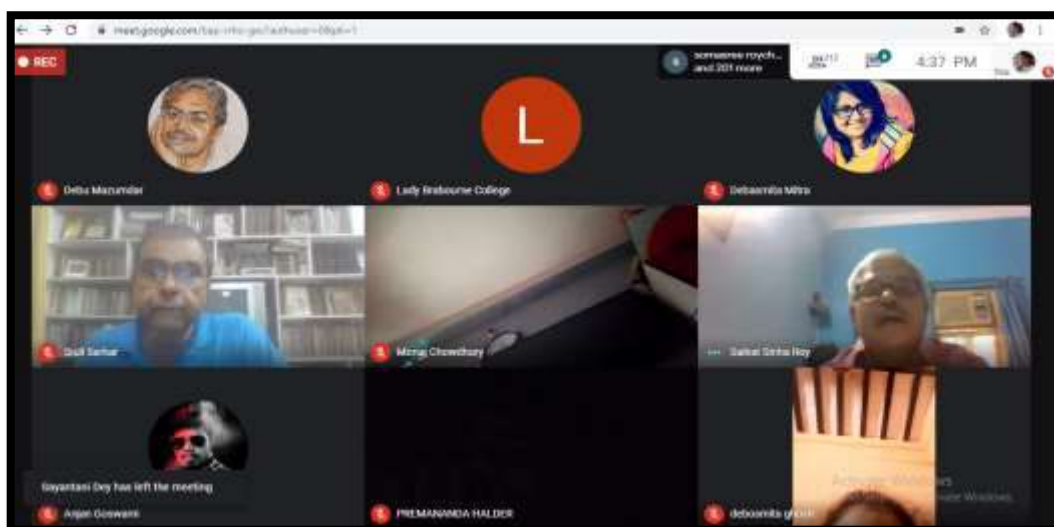
20-02-2019	DBT-sponsored Field Trip/Educational Excursion to an Advanced Instrumentation Centre : IISER, Kolkata	<p>Professor Subhajit Bandyopadhyay Professor Of Chemical Sciences & Associate Dean Of Academic Affairs (IISER Kolkata). & Dr. Rahul Banerjee (Associate Professor, Department of Chemical Sciences, IISER Kolkata)</p>	State	 <p>Group Photo with IISER coordinator, Dr. Subhajit Bandyopadhyay</p>  <p>Briefing Session by Dr. Rahul Banerjee</p>
25-03-2019	<p>“Acharya Prafulla Chandra Ray Memorial lecture “organised by the Department of Chemistry Lady Brabourne College in collaboration with The Indian Science News Association (ISNA)</p>	<p>Professor Sudhendu Mandal, (former Director, National Library & Honorary Secretary ISNA), Professor Manas Chakraborty (Former Chairman, Department of Chemistry, Bose Institute, Kolkata & Honorary Secretary, ISNA), Professor Biswapati Mukherjee (Former Executive Director and Professor of Neuroscience at S.N. Pradhan Centre for Neurosciences, University of Calcutta & Vice-President, ISNA).</p>	Regional/ College	 

27-03-2019	DBT-sponsored Seminar on “Complexes of 5-nitroimidazole – efficacy and adverse effects”	Professor Saurabh Das, Jadavpur University	Regional/ College	
7-01-2020	DBT-sponsored Student Seminar on “A new method for pH estimation at the amphiphilic self-assembly interface and its relation to membrane biochemical reactivity”	Dr. Partha Pratim Parui, Associate Professor, Jadavpur University	Regional/ College	
18-01-2020	DBT-sponsored workshop for College Teachers on “Physical Chemistry Practical syllabus under Calcutta University CBCS curriculum”	Dr. Surasri Chaudhuri, Associate Professor Vivekananda College Kolkata	State	
21-01-2020	DBT-sponsored Field Trip /Industry Visit to "Inspire" Animal Feed Factory at Senet, Singur	Faculty members of the Department of Chemistry Lady Brabourne College	State	

08-07-2020	One day National Webinar on "Zinc containing metalloenzymes with special emphasis on phosphate activity and their model studies"	Professor Debasis Das, Registrar, University of Calcutta & Professor in Chemistry, University of Calcutta.	National	
18-07-2020	One day National Webinar on "Porous Framework Materials: What are they good for?"	Dr. Rahul Banerjee, FRSC, recipient of the prestigious Shanti Swarup Bhatnagar Award, Department of Chemical Sciences Indian Institute of Science Education and Research (IISER) Kolkata. Associate Editor, Chemical Science Royal Society of Chemistry.	National	
20-08-2020	One day National Webinar on "An ultrafast route to the ultrasmall."	Professor Anindya Datta, H.O.D, Department of Chemistry, IIT Bombay.	National	
19-09-2020	One day National Webinar on "Communicating With Molecular Machines Using Light."	Professor Subhajit Bandyopadhyay, Professor Of Chemical Sciences (IISER Kolkata) & Associate Dean Of Academic Affairs (IISER Kolkata).	National	

Date	Topic of the Seminar	Speaker/Resource Person	International/National/Regional/College Level
28.3.2015	Planning Strategies in India during the pre-reform period.	Dr. Debasish Majumdar, Bangabasi College	College level
30.3.2016	Process of capital budgeting in a business firm	Dr. Debasish Majumdar, Retd., Bangabasi College	College level
31.3.2017	Demonetisation in India	Prof. Kaushik Gupta, Calcutta University	College level
26.2.2018	GST in India	Prof. Saibal Kar, Centre for Studies in Social Sciences, Kolkata	College level
3.5.2019	Data Analysis	Dr. Panchanan Das, Calcutta University Dr. Sudakshina Gupta, Calcutta University	Regional level
1.8.2020	Where are the Employment Opportunities, Post Covid 19?	Prof. Abhirup Sarkar, Retd. ISI, Kolkata Prof. Saikat Sinha Roy, Jadavpur University	Regional level

Webinar organized by Economics Department on August 1, 2020



GEOGRAPHY

Date	Topic of the Seminar	Speaker/Resource Person	International/ National/Regional /College Level
13/07/2015	Tradition and Modernity in the Folk Painting; Pata painters empowered	Dr. Sharmila Chandra	College level
17/09/2015	Cartography- Yesterday, Today and Tomorrow	Prof. Ashis Sarkar	College level
17/09/2015	Gender Role in Agriculture with special Reference to Hooghly District	Dr. Chandrima Sen	College level
17/09/2015	Evolution of Laterite Badlands	Dr. Partha Basu	College level
18/02/2017	Ganga Pollution and Its Impact	Dr. Kalyan Rudra	College level
18/02/2017	Source of Ajay River- A New Discovery	Prof. Malay Mukhopadhyay	College level



Professor Nabendu Pal, Professor of Statistics, Department of Mathematics, Louisiana University, USA presenting his lecture at an International Workshop in 2017

MATHEMAT

Date	Topic of the Seminar	Speaker/Resource Person	International/ National/Region al/College Level
17.01.2015	Seminar on Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
04.02.15	Seminar on Linear Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
27.01.15, 31.01.15, 01.02.15, 05.02.15	JAM Tutorial	Dr. Jayasri Sircar Associate Professor (Retd.) Dept. of Mathematics Lady Brabourne College	Departmental
12.05.15, 14.05.15, 15.05.15, 19.05.15, 21.05.15, 22.05.15	Series of Lecture on Algebra—Module Theory	Dr. Rabeya Basu IISER, Pune	Departmental
21.09.15, 28.09.15, 05.10.15, 23.11.15	Series of Lecture on Real Analysis & Topology (For NET aspirant students of Mathematics)	Dr. Rabiul Islam Dept. of Mathematics St. Xavier's College	Departmental
23.11.15,	Series of Lecture on	Dr. Avishek Adhikari	Departmental

30.11.15	Number Theory (For NET aspirant students of Mathematics)	Dept. of Pure Mathematics University of Calcutta	
02.12.15, 09.12.15	Series of Lecture on Complex Analysis (For NET aspirant students of Mathematics)	Prof. B. Chakraborty Professor (Retd.) Dept. of Pure Mathematics University of Calcutta	Departmental
19.10.16, 24.10.16, 25.10.16, 05.12.16	Seminar on Linear Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
24.03.17, 28.03.17, 06.04.17, 11.04.17	Seminar of Lecture on Complex Analysis	Prof. B. Chakraborty Professor (Retd.) Dept. of Pure Mathematics University of Calcutta	Departmental
05.05.17, 24.05.17, 09.06.17	Seminar on Linear Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
16.01.2018	Seminar on Complex Analysis	Prof. K.C. Chattopadhyay Retd. University of Burdwan	Departmental
21.03.2018, 04.04.2018, 11.04.2018	Series of Lectures on Real Analysis	Dr. Sankar Kumar De Dept. of Mathematics Netajinagar Day College	Departmental
06.04.2018	Seminar on Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
20.04.2018	Seminar on Algebra	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
25.04.2018	Seminar on Probability & Statistics	Dr. Sankar Kumar De Dept. of Mathematics Netajinagar Day College	Departmental
03.05.2018	Seminar on Probability & Statistics	Dr. Sankar Kumar De Dept. of Mathematics Netajinagar Day College	Departmental
04.05.2018	Seminar on Linear Algebra (For NET aspirant students of Mathematics)	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
25.05.2018	Seminar on Linear Algebra (For NET aspirant students of Mathematics)	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental
25.04.2018 & 03.05.2018	Seminar on Probability & Statistics	Dr. Sankar Kumar De Dept. of Mathematics Netajinagar Day College	Departmental
04.05.2018, 25.05.2018 19.03.2019,	Seminar on Linear Algebra (For NET aspirant students of Mathematics)	Dr. Sujit Sardar Dept. of Mathematics Jadavpur University	Departmental

26.03.2019 2.04.2019			
04.07.2020, 11.07.2020, 15.07.2020, 19.07.2020, 25.07.2020	Series of lectures on “Functional Analysis” for PG students (through online)	Dr. Sumana Pal, Department of Mathematics & Statistics, Aliah University	Departmental
26.08.2020	One Day National Level Webinar on-Deciphering the Numerals: Cryptography and Web Security	1. Prof. Avishek Adhikari Department of Mathematics, Presidency University. 2. Dr. Shanta Laishram Associate Professor of Mathematics at Indian Statistical Institute, New Delhi.	National Level Webinar
06.09.2020, 07.09.2020, 08.09.2020	On the Eve of Teachers’ Day Three Days National Level Webinar Lecturer Series on Algebra & R Programming	1. Dr. Rabeya Basu, Associate Professor, IISER, Pune 2. Mr. Pratyay Ranjan Datta Assistant Professor, Dept. of Computation and Analytics, NSHM, Kolkata	National Level Webinar

**One Day National Level Webinar on-Deciphering the Numerals: Cryptography and
Web Security**





Three Days National Level Webinar Lecturer Series on Algebra & R Programming

REC Rabeya Basu is presenting

Meeting details

People (21)

Chat

$$\begin{pmatrix} 1 & -p_1 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} a \\ b \end{pmatrix} = \begin{pmatrix} a - b p_1 \\ b \end{pmatrix} \text{ and } \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} a - b p_1 \\ b \end{pmatrix} = \begin{pmatrix} b \\ a - b p_1 \end{pmatrix}$$

Then $\begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} 1 & -p_1 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} a \\ b \end{pmatrix} = \begin{pmatrix} b \\ a - b p_1 \end{pmatrix}$ and this implies,

$$\begin{pmatrix} 0 & 1 \\ 1 & -p_1 \end{pmatrix} \begin{pmatrix} a \\ b \end{pmatrix} = \begin{pmatrix} b \\ a - b p_1 \end{pmatrix} = \begin{pmatrix} r_1 \\ r_2 \end{pmatrix}$$

In a similar way, we can proceed to find the matrix that sends $\begin{pmatrix} r_1 \\ r_2 \end{pmatrix}$ to $\begin{pmatrix} r_1 \\ r_2 \end{pmatrix}$. This process can be continued further until we reach $\begin{pmatrix} r_1 \\ r_2 \end{pmatrix}$ which is equal to $\begin{pmatrix} 1 \\ 0 \end{pmatrix}$. We summarize this in one step as

$$\begin{pmatrix} 0 & 1 \\ 1 & -p_1 \end{pmatrix} \begin{pmatrix} 0 & 1 \\ 1 & -p_1 \end{pmatrix} \dots \begin{pmatrix} 0 & 1 \\ 1 & -p_1 \end{pmatrix} \begin{pmatrix} 0 & 1 \\ 1 & -p_1 \end{pmatrix} \begin{pmatrix} a \\ b \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

Multiplying the inverse on both sides gives

Participants: Rabeya Basu, Barford Mulher, Senkar Kumar, Lady Brabourne, Deepa Day Chak, koyal sarkar, Achintya Roy

Lady Brabourne College is presenting

11:52 AM

7th September, 2020 (Day 2, Monday)

12 Noon - 1.15 pm. : Lecture on More about Euclidean Algorithm
*Speaker : Dr. Rabeya Basu.

1.30 p.m. : Lecture on R - Packages, Data Reshaping, Data Entry, Graphics.
*Speaker : Pratyay Ranjan Datta.

Participants: Lady Brabourne Coll., Achintya Roy, Senkar Kumar De, DEEPA SINGH, Aditi Majumdar, Aditi Hazra, Bhawanee Choudh, Sumit Datta, koyal sarkar

PHYSICS

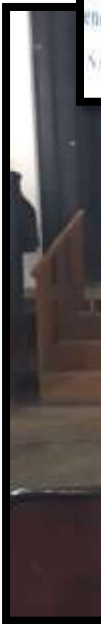
Date	Topic of the Seminar	Speaker/Resource Person	International/ National/
------	----------------------	-------------------------	-----------------------------

			Regional/ College Level
24.4.15	Higgs Boson and Standard Model	Prof. Soumitra Sengupta, Indian Association for the Cultivation of Science, Kolkata	College
8.4.16	Nano structured Materials and their Physical Properties	Prof. Barnali Ghosh (Saha), S. N. Bose National Centre for Basic Sciences	College
12.4.16	Integral Character of Nonlinearity Exponents in Electrical transport in disordered systems and allometric observations	U. N. Nandi, Scottish Church College	College
15.4.16	Enhancement of magnetocaloric effect by magneto-structural coupling	Dr. Debraj Choudhury, Department of Physics, I.I.T. Kharagpur	College
4.8.2016	Special seminars organised by the Advanced Research Centre, Physics	1. Dr. Sampa Bhattacharjee, Amity University 2. Patrick Hoehn, Aachen University, Germany 3. Banhi Chatterjee, Institute of Theoretical Physics, Warsaw University, Poland	International
5.9.2016	Structures and Basic Magnetic Properties of double perovskite oxides	Dr. Debamitra Chakraborty, University of Montpellier, France	International
17.11.2017	Symposium on General Theory of Relativity and Gravitational Waves organized by the INDIAN NATIONAL SCIENCE ACADEMY (INSA), Local Chapter, Kolkata, jointly with the Department of Physics, Lady Brabourne College,	1. Prof. Soumitra Sengupta, Senior Professor, Indian association for the Cultivation of Science, Jadavpur, Kolkata 2. Prof. Sayan Kar Department of Physics and CTS, Indian Institute of Technology, Kharagpur 3. Prof. Tarun Souradeep, Spokesperson of LIGO-India and Senior Professor, I.U.C.A.A. 4. Professor Amitava Raychaudhuri, Emeritus Professor, University of Calcutta	National
12.12.2017	Nanostructured Materials for energy and Biotechnology applications	Prof. Kartik Ghosh, Department of Physics, Astronomy and Materials Science, Missouri State University, USA	International
15.1.2018	Physics Research at Loughborough University, U.K.- Glimpses and	Dr. Niladri Banerjee, Department of Physics, Loughborough University, U.K.	International

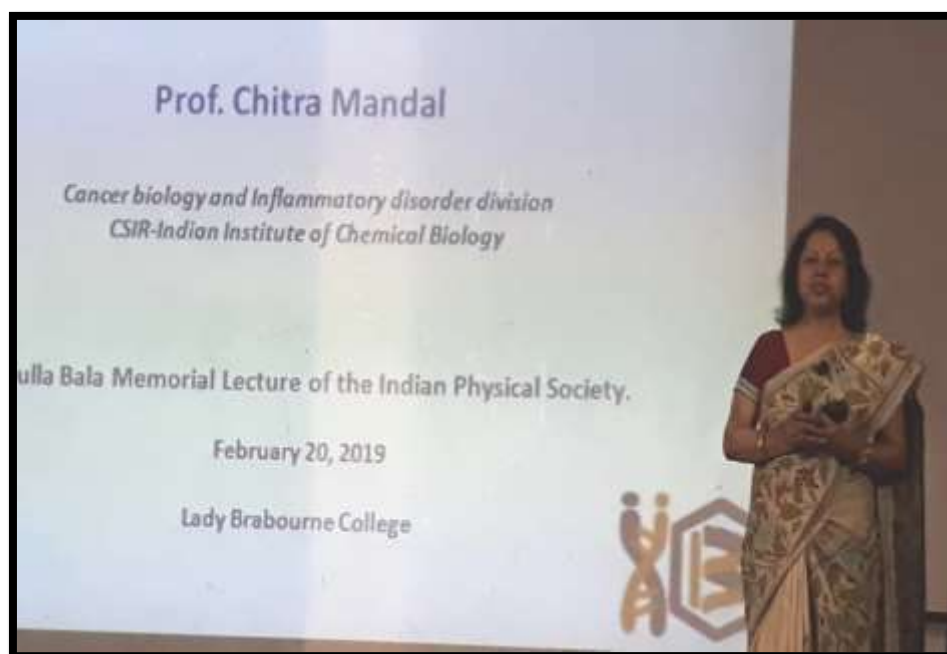
	opportunities		
18.6.18	DBT STAR sponsored talk on “Biosensors and its uses”	Prof. Uttam Raychaudhuri, Former Professor, Department of Chemical Technology, University College of Science and Technology Kolkata	Regional
5.10. 2018	DBT STAR sponsored talk on “van der Waals interaction in Biology”	Prof. Anuman Lahiri, Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta	Regional
12.11.18.	One- day symposium entitled “Demystifying the Boson” sponsored by the S. N. Bose National Centre for Basic Sciences, Kolkata was organised by the Department of Physics on the occasion of the 125 th birth anniversary of Prof. S. N. Bose	1. Prof. Bimalendu Deb. School of Physical Sciences, Indian Association for the Cultivation of Science, Jadavpur. 2. Prof. Rabin Banerjee Emeritus Professor, Department of Theoretical Sciences S. N. Bose National Centre for Basic Sciences, Kolkata.	Regional
20.2.2019	Third Prafulla Bala Memorial Lecture sponsored by The Indian Physical Society	Prof. Chitra Mondal, FNA, FNASc, FTWAS, FAMS, presently distinguished Biotechnology Research Professor and J.C. Bose National fellow at the Cancer Biology and Inflammatory Disorder Division, Indian Institute of Chemical Biology, Kolkata.	Regional
8.4.19	Python for Scientific Computing”	Dr. Abhijit Kargupta, Associate Professor, Panskura Banamali College	College
16.11.19	Statistical Physics and Quantum Mechanics sponsored by Calcutta Institute of Theoretical Physics to celebrate the 125 th birth centenary of Prof. Meghnad Saha.	Prof. Jayanta Kumar Bhattacharjee, Emeritus Professor, Indian association for the Cultivation of Science, Jadavpur and Prof. Banasree Basu from the Indian Statistical Institute, Kolkata	Regional
9.1.2020	A Glimpse of the Laser and its impact on mankind	Dr. Dhruba Jyoti Biswas, Raja Ramanna Fellow, Former Head, Laser & Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai	College



One Day Symposium on General Theory of Relativity and Gravitational Waves



One day symposium entitled “Demystifying the Boson”



Third Prafulla Bala Memorial Lecture



Third Prafulla Bala Memorial Lecture



Talk on “Biosensors” by Prof. Uttam Raychaudhuri

Date	Topic	Speaker/Resource Person	International/ National/Regional/ College level
02.08.2017	Data Analytics	Prof. S. Sen Roy, Professor, Dept. of Statistics, University of Calcutta	College Level
09.07.2017	Gender Awareness	Rajita Sinha, Member, TG Welfare Board, Govt of WB., Tista, Aparna Banerjee, Member, TG Welfare Board, Govt of WB. Dr. Ranjita Biswas, Member, Sappho for Equality Dr. Badabi Chakraborty, Rabindra Bharati University	State level
21.02.2018	Data analysis using MINITAB	Ms. Snigdha Pain, Statistical Analyst, Sankhya Analytics	College level
15.02.2019	Data analysis using MINITAB	Ms. Snigdha Pain, Statistical Analyst, Sankhya Analytics	College Level
24.02.2020	Big data analysis	Prof. Atanu Biswas, Indian Statistical Institute, Kolkata	College Level

Date	Topic	Speaker/Resource Person	International/ National/Regional/ College level
14.2.2015	Methodologies in Field Biology	Prof. Subhro Mukherjee, Retired Principal, WBSES, Dr. Utpal Sinha Roy of Durgapur Govt. College and Shuvadip Adhikary, IISER Kolkata	College Level
6.2.2016	Career options in Zoology Gandhi Fellowship and its leadership program	Dr. Sanjukta Mondal (Parui), Dept of Zoology, Lady Brabourne College Subrata Basu Program Manager Branding, Gandhi Fellowship Program, Piramal Foundation for Education Leadership, A 56, Panchsheel Enclave, New Delhi	College Level
1.8.2016	Ecology, its applications and prospects	Prof. Sumit Homechoudhury, Dept. of Zoology, University of Calcutta	College level
20.6.2018	A Giant leap from Gene to Genomics	Dr. Sanjib Kumar Das, Associate Professor, Taki Government College	College level
14.9.2018	Biodiversity conservation and role of WWF	Dr. Kuladeep Roy, Assistant Manager, WWF (World Wildlife Fund), West Bengal State Office	College level
30.3.2019	<ul style="list-style-type: none"> • Alarming Fruits • Proteomics: Basic understanding 	Dr. Sujay Ghosh, Assistant Professor, Department of Zoology, University of Calcutta	College Level
13.9.2019	Man and Animal Conflict – a Global Scenario	<ol style="list-style-type: none"> 1. Mr. Subhankar Sengupta, Field Director, Tiger Project, Government of India Topic: Human Wildlife Conflict and its mitigation in West Bengal 2. Mr. Agni mitra, Regional Deputy Director, Eastern Region Wild Crime Control Bureau, Government of India Topic: Wildlife Crime Scenario in India – Special Emphasis on Eastern India 	College Level

		<p>3. Dr. Paulami Maiti, Associate Professor, Department of Zoology, Lady Brabourne College Topic: Value of Biodiversity and its Human induced depletion</p>	
23.7.2020	<p>Understanding the Mysteries of the Zoological World for Creating a Better Future</p>	<p>1) Prof. Mrinal Kanti Ghosh Senior Principal Scientist (F) Professor, Academy of Scientific & Innovative Research Head, Division of Cancer Biology and Inflammatory Disorder CSIR-Indian Institute of Chemical Biology, Kolkata Topic: "Human health and Cancer"</p> <p>2) Dr. Budhaditya Mukherjee Assistant Professor School of Medical Science and Technology IIT, Kharagpur Topic: "Survival strategies opted by intracellular protozoan pathogens to evade host immune response"</p>	College Level



Prof. Subhro Mukherjee, Utpal Sinha Roy & Shuvadip Adhikary at the seminar on Methodologies in Field Biology on 14.2.2015





GANDHI FELLOWSHIP PROGRAM
 Recruitments Open for Gandhi Fellowship Batch-9 (2015-16)

What is the Gandhi Fellowship Program?
 Gandhi Fellowship Program is a full-time, 2-year residential leadership program awarded to the inspired and inventive youth from top universities and colleges across the country. Fellowship started with a vision to build a complement of next generation nation-builders – "GUTS" who:

- Aspires to bring a large-scale systemic change and resolve country's pressing problems through their own innovations and social change ideas.
- Practically work with 3 schools/5 headmasters/80 teachers/500 children and the community in difficult rural and urban locations.
- To develop the necessary 7 competencies of leadership and skills to meet the 10 year journey to **impact a million lives.**

Over 300 fellows have graduated impacting 1300+ schools in 3 states of Rajasthan, Gujarat, & Maharashtra and walking towards their dreams.

Eligibility
 Youth under the age of 25, who are **achievers** i.e. who have showcased excellence, rigour, and achievement in academics and/or extra-curricular activities (Sports, NSS, NCC, Voluntary work, performing arts, literature, etc.) and with a deep passion and sense of responsibility towards bringing a solution to pressing problems of the country, may be just the right fit.

Young people from diverse streams:
 Such as Engineering, Applied & Pure Sciences, Commerce and Business, Humanities & Liberal Arts, Social & Behavioural Science, Health and Nutrition, Education, Law, etc.

Make your calendar with important dates for fellowship
 We have a rigorous 3-level promotional and selective recruitment process based on the competencies of leadership.
 Registration for application opens: 25 July 2015.
 Application opens: **2 October 2015.**
 To register, go to our website: www.gandhifellowship.org

How does the fellowship support the youth?
 Encourages the environment of diversity, self-reliance and peer learning.
 Youth undergoes **2 year** – a semester journey of inner-outer transformation to get first-hand multiple grassroots experience and to build 7 competencies of leadership.
 Youth ideas, dreams, and aspirations are polished into 10 year plans to impact at least a **million lives.**
 Post 2 years fellows are placed into the sectors inline with their private dreams and ideas.

IT STARTS WITH YOU

Contact: **Delhi** +91 1187 202 251 | **Pragathi** +91 9603 995 200 | **Mumbai** +91 81202 302 998



Subrata Basu, Program Manager Branding, Gandhi Fellowship Program speaking on Gandhi Fellowship and its leadership program on 6.2.2016



Dr. Sujay Ghosh, Assistant Professor, Department of Zoology, University of Calcutta speaking on the topics “Alarming Fruits” and “Proteomics: Basic understanding” on 30.3.2019



Dr. Kuladeep Roy, Assistant Manager, WWF–West Bengal State Office speaking on Biodiversity conservation and role of WWF



Mr. Subhankar Sengupta, Field Director, Tiger Project, Government of India talking on the Topic “Human Wildlife Conflict and its mitigation in West Bengal” on 13.9.2019



Mr. Agni Mitra, Regional Deputy Director, Eastern Region Wild Crime Control Bureau, Government of India talking on the Topic “Wildlife Crime Scenario in India – Special Emphasis on Eastern India” on 13.9.2019



Dr. Paulami Maiti, Associate Professor, Department of Zoology, Lady Brabourne College talking on the Topic “Value of Biodiversity and its Human induced depletion” on 13.9.2019



Lady Brabourne College

POST GRADUATE DEPARTMENT OF ZOOLOGY LADY BRABOURNE COLLEGE

ONE DAY WEBINAR

" UNDERSTANDING THE MYSTERIES
OF THE ZOOLOGICAL WORLD FOR
CREATING A BETTER FUTURE "

23-JULY, 2020
10.00 AM IST

S
P
E
A
K
E
R
S



PROF. MRINAL KANTI GHOSH

Senior Principal Scientist (F)
Professor, Academy of Scientific & Innovative Research
Head, Division of Cancer Biology and Inflammatory Disorder
CSIR-Indian Institute of Chemical Biology, Kolkata

Topic: "Human health and Cancer"



DR. BUDHADITYA MUKHERJEE

Assistant Professor
School of Medical Science and Technology
IIT, Kharagpur

Topic: "Survival strategies opted by intracellular
protozoan pathogens to evade host immune response"

>> No Registration Fees

>> e-certificates to participants will be provided after submission of Feedback Form

>> Registration to be done by 16 th July, 2020

For more queries Contact: Dr. Sanjukta Mondal (Parui), Ph. No. 9477268586

CHIEF PATRON:

PROF. SIULI SARKAR

Principal, Lady Brabourne College

ORGANIZING COMMITTEE-

Dr. Sanjukta Mondal (Parui) [HOD]

Dr. Paulami Maiti

Dr. Antara Kar

Burba Bhattacharya

Sajata Dhar (Delta)

Dr. Anwesha Chaudhuri

**Advanced Research Centre
Department of Microbiology**

Date	Topic of the Seminar	Speaker/Resource Person	International/ National/ Regional/ College Level
16.01.2015 & 17.01.2015	Food Safety: New Horizon for Healthy Nation		Two Day National Conference in Collaboration with Society for Nutrition & Dietetics
07.08.2015	Intensified Diarrhoea Control	Prof. Joydeb Ray and Prof. Tribeni Krishnan, Scientists, NICED	Departmental Monthly Seminar
05.12.2015	Awareness about Cancer with special Reference to Cervical and Breast Cancer	Welcome Address by Prof. Siuli Sarkar, Principal, Lady Brabourne College. Speakers: 1. Dr. Susanta Roy Choudhury, Chief, Basic Research, Saroj Gupta Cancer Centre & Research Institute, Thakurpukur, Kolkata. 2. Dr. Rathindranath Baral, Head, Dept. of Immunoregulation & Immunodiagnosics, CNCI. 3. Dr. Chhanda Datta, Dept. of Pathology, SSKM, Kolkata. 4. Dr. Debasis Bhattacharya, Principal, NRS Medical College. 5. Dr. Aditya Narayan Sen, Oncosurgeon, Consultant, Anandalok Hospital. 6. Dr. Ramdas Chatterjee, Former Head, Dept. of Virology, Chittaranjan National Cancer Inst.	One Day Seminar Sponsored by West Bengal DST and jointly organised by K.K. Memorial Association
05.01.2016	Bridging Microbiology and Applied Chemistry: in search of Synergy	Prof. Basab Chaudhuri, Registrar, Calcutta University	Orientation Seminar for Post Graduate students
09.05.2016	Recent Trends in Translational Research	Prof. Dhrubajyoti Chattopadhyay, Pro-VC Academic, CU Dr. Hemanta Majumder, Retired Scientist, IICB Dr. Subrata Majumdar, Scientist, Bose Inst. Lectures by the Ph.D. scholars of Dr. Aditi Nagchaudhuri	One Day State Level Seminar and Felicitation of Dr. Aditi Nagchaudhuri, Former Departmental Head

13.06.2016	Protein: Protein Interaction	Dr. Smarajit Polley, Scientist, Bose Inst.	Departmental Monthly Seminar
14.07.2016	Epigenetics: Genes, Habit & Disease	Dr. Tapas Kumar Kundu, Professor, Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore	An inaugural and orientation lecture for first year students, Departmental Seminar
27.09.2016	Gastroenteritis due to viral infection with special emphasis on Rotavirus	Dr. Sekhar Chakraborty, NICED, Kolkata	Departmental Monthly Seminar & Science Promotion Awareness
19.11.2016	Metagenomics	Dr. Barnali Bhattacharya, Ramanujan Fellow, National Institute of Biomedical Genomics, Kalyani	Departmental Monthly Seminar
19.12.2016	Social Behaviour in Bacterial World	Dr. Tapas Sengupta, Professor, Indian Institute of Science, Education and Research (IISER)	Departmental Monthly Seminar
28.01.2017	Exploration and Research of Southern Ocean Micro-organisms near Antarctica Region	Dr. Rajib Bandyopadhyay, Faculty, Department of Botany, Burdwan University	Inaugural lecture for PG 2nd and 4th semester students
30.3.2017	A journey from cancer to cancer stem cells: an approach towards unlocking the secrets of breast cancer relapse	Prof. Tanya Das, Molecular Medicine Division, Bose Institute.	Departmental Awareness programme on Cancer
20.04.2017	Microbial Biofilms: Intervention Strategies	Dr. Prasun Tribedi, Faculty, Department of Biotechnology, Neotia University,	Departmental Monthly Seminar
02.01.2018	The study of ubi X and ubi D encoded decarboxylases and ubi G encoded O-methyltransferase in Coenzyme Q biosynthesis in <i>Escherichia coli</i>	Ms. Debarati Ghose, Ph.D Student (Senior Research Fellow, Northern Illinois University)	Departmental Monthly Lecture (lecture series by Departmental Alumnus)
01.02.2018	Protein - Protein Interactions: A Case Study	Dr. Abhijnan Chattopadhyay, University of Texas Medical Branch (UTMB), Galveston, Texas, USA	International Seminar for inauguration of Commencement of M.Sc. Second and Fourth Semester Classes
26.02.2018	Life Science Research in Health and Disease	Inaugural Speech delivered by Prof. Siuli Sarkar, Principal, Lady Brabourne College. Keynote Address was delivered by Prof. D. J. Chatto-padhyay, Vice-	One Day International Seminar

		<p>Chancellor, Amity University, Kolkata.</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Tapas Hazra, Professor, Department of Biochemistry & Molecular Biology, University of Texas Medical Branch, Texas, USA. 2. Prof. Subrata Majumdar, Senior Professor, Bose Institute, Kolkata. 3. Prof. Gourisankar Sa, Senior Professor & Chair Division of Molecular Medicine, Bose Institute. 4. Prof. Debabrata Mukhopadhyay, Professor, Department of Biochemistry & Molecular Biology Mayo Clinic, Florida, USA. 5. Dr. Diptendra Sarkar, Professor, Breast Cancer Unit, Department of Surgery, IPGMR. 6. Prof. Syamal Roy, Ex- Vice Chancellor, Coochbihar University, Professor, NIPER. <p>A Poster competition by postgraduate students, research scholars and faculty members of different Colleges and Universities</p>	
03.04.2018	Different Aspects of Cancer Research and Treatment	Prof. Dr. Tapas K. Kundu, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, and Recipient of Bhatnagar as well as Bangaratna Awards	National Seminar and First Lecture of the "Bhatnagar Lecture Series"
25.04.2018	Antimicrobial Resistomics: A Lower Eukaryotic Pathogen Perspective	Dr. Arijit Bhattacharya, Research Associate, Department of Infectiology and Immunology, CHUQ, University of Laval, Quebec, Canada	International Seminar
02.07.2018	Introduction of Biotechnology to Young Students	Dr. Pranab Roy, Senior Scientist, Department of Biotechnology, Institute of Child Health, Kolkata	Departmental Monthly Seminar
31.07.2018	Interface Areas between Chemical and Biological Sciences	<ol style="list-style-type: none"> 1. Inaugural Speech by Prof. Siuli Sarkar, Principal, Lady Brabourne College 2. Keynote Address by Prof. Basab Chaudhuri, Honourable Vice chancellor, West Bengal State University, Barasat 	One Day National Symposium in Collaboration with Royal Society of Chemistry (Eastern India Section)

		<p>3. Prof. Sujoy Dasgupta, Director Officiating, Bose Institute, Kolkata</p> <p>4. Dr. Ambika C. Banerjee, Former Corporate adviser (R&D), East India Pharmaceutical Works, Kolkata</p> <p>5. Dr. Debayan Sarkar, Associate Professor, NIT, Rourkela</p>	
03.08.2018	Evolutionary Adaptation of Toll-like Receptor (TLR)-mediated Innate Immunity	Dr. Sankar Ghosh, Department of Microbiology & Immunology, Columbia University, New York, USA	International Seminar
15.08.2018	Physical and Functional Interaction between Fortilin and Peroxiredoxin I	Dr. Abhijnan Chattopadhyay, University of Texas medical Branch, Galveston, Texas, USA	International Seminar
24.08.2018	Endophytes	Dr. Anindita Seal, Dept. of Biotechnology, University of Calcutta	Inaugural lecture to SEM I Postgraduate students
01.02.2019	Diverse Signalling response to Human Maladies: Kala azar and Cancer	Dr. Subrata Majumdar, Scientist, Bose Institute, Kolkata	Inaugural Lecture to SEM II PG students
08.03.2019	Immunological Tolerance and Regulatory T-cells	Dr. Dipayan Rudra, Principal Investigator, Academy of Immunology and Microbiology (AIM) POSTECH Campus, Institute for Basic Science (IBS), South Korea	International Seminar
18.4.2019	Effect of Climate Change on Biodiversity	Sri Debal Ray, IFS, Chief Project Director, West Bengal Forest and Biodiversity Conservation Project, Govt. of West Bengal,	Departmental Monthly Seminar
25.04.2019	Microbial Life in an Estuarine Mangrove Ecosystem	Dr. Anwesha Ghosh, Integrative Taxonomy & Microbial Ecology Research Group, IISER, Kolkata	Celebration of World DNA Day
05.12.2019	Stress Management	Dr. Subhrangsu Aditya, Faculty, CCSSS Counselling Centre, Jadavpur University	Departmental Monthly Seminar
07.12.2019	Environment: Issues and Impact	<p>The Inaugural Speech delivered by Prof. Siuli Sarkar, Principal, Lady Brabourne College.</p> <p>The Keynote Address was delivered by Sri Debasish Kumar, MMIC, Parks & Gardens and Urban Forestry, Kolkata Municipal Corporation.</p> <p>The eminent speakers:</p> <p>1. Dr. Snehamanju Basu, Registrar,</p>	One Day State Level Symposium

		Jadavpur University, 2.Sri Sandipan Mukherjee, Retd IFS, Additional Principal Chief Conservator of Forests and Nodal Officer, CAMPA 3. Md. Abdul Gani, Special Secretary to Govt. of West Bengal, Department of Sundarban Affairs.	
07.01.2020	Women in Science	Prof. Gourisankar Ghosh, University of California, San Diego, California, USA Prof. Maitrayee Das Gupta, Department of Biochemistry, University of Calcutta Dr. Chitra Mandal SERB Distinguished Scientist, Indian Institute of Chemical Biology	International Seminar organised by Advanced Research Centre in collaboration with Prof. J.J. Ghosh Foundation
14.03.2020	Preparedness for CoVID-19	Dr. Abhik Sinha, Scientist C, MBBS, MD, PGDGM, ICMR-NICED	Departmental Seminar on Corona Virus Awareness attended by the whole college
11.06.2020	Beyond the Ice: Story of Existence	Dr. Punarbasu Chaudhuri, Assistant Professor, Department of Environmental Science, University of Calcutta	Departmental Webinar on Exploration of Antarctica
20.06.2020	Structural Biology: Basics and Application	Dr. Sukritee Bhaskar, Postdoctoral Fellow, Monash University, Australia (Ex-student of Dept. of Microbiology, Lady Brabourne College)	International Webinar
01.07.2020	The CoVID19 Pandemic – A Challenge	Prof. Dhrubajyoti Chattopadhyay, Vice Chancellor, Sister Nivedita University	1st Lecture of Webinar Series on “COVID 19: An Enigma”
02.07.2020	Dealing with Mental Stress in the Context of COVID-19	Dr. Subhrangsu Aditya, Faculty, CCSSS Counselling Centre, Jadavpur University Mrs. Sahana Nag, Faculty, CCSSS Counselling Centre, Jadavpur University	2nd Lecture of Webinar Series on “COVID 19: An Enigma”
04.07.2020	COVID-19: Why a flu-like illness is so much worse than seasonal flu?	Dr. Santasabuj Das, MD, Scientist F, ICMR-NICED, Kolkata	3rd Lecture of Webinar Series on “COVID 19: An Enigma”
05.07.2020	Combating COVID Pandemic: The Science Behind	Dr. Diptendra K. Sarkar, Chief, Comprehensive Breast Service and Breast Cancer	4th Lecture of Webinar Series on “COVID 19: An

		Research Unit, Department of Surgery, IPGMER, Kolkata	Enigma”
06.08.2020	Immunological Tolerance	Dr. Dipayan Rudra, Principal Investigator, Academy of Immunology and Microbiology (AIM) POSTECH Campus, Institute for Basic Science (IBS), South Korea	International Webinar
03.09.2020	Deceptive Similarity in Domain Name Infringes Trademark Law: A Judicial Response	Dr. Abhijit Bhattacharjee, Teacher-In-Charge, Jalpaiguri Law College, West Bengal	1 st Lecture of National Webinar Series on “Intellectual Property Rights: Issues & Impact”
05.09.2020	Innovation and Job Creation in Biotechnology: The Survival Challenges for India	Dr. Koustubh Panda, Professor & Head, Department of Biotechnology and GCGB, University of Calcutta	2nd Lecture of National Webinar Series on “Intellectual Property Rights: Issues & Impact”
06.09.2020	IP As A Profession	Dr. Deboleena Sarkar, Senior Scientist, Intellectual Property, Legal Affairs, GE-SABIC, Bengaluru, Karnataka	3rd Lecture of National Webinar Series on “Intellectual Property Rights: Issues & Impact”
20.12.2020	Epigenetics: Targets of Drug Discovery	Prof. Tapas K. Kundu, Director, CSIR-Central Drug Research Institute, Lucknow, UP	Two Day National Level Webinar in collaboration with Royal Society of Chemistry, Eastern India Section
21.12.2020	COVID-19: Don't be complacent until there is a drug (jab taak daoi nehi taab tak dhilai nehi)	Dr. Debprasad Chattopadhyay, Scientist G & Director, ICMR-National Institute of Traditional Medicine, Belagavi, Karnataka	Two Day National Level Webinar in collaboration with Royal Society of Chemistry, Eastern India Section
23.12.2020	Structural Changes in Viruses During Initial Stages of Infection	Dr. Manidipa Banerjee, Associate Professor, Kusuma School of Biological Sciences, IIT Delhi	National Level Webinar to Commemorate 100 th Birth Anniversary of Dr. Rosalind Franklin

Glimpses of Departmental Seminars

2015



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College

Two-Day National Conference
"Food Safety: New Horizon for Healthy Nation"
Organized In Collaboration With
Society for Nutrition & Dietetics
16-17th January, 2015



Registration



Inauguration of the National Seminar



Felicitation of Principal, Prof. Siuli Sarkar



Programme schedule



Felicitation of Prof. D.J. Chattopadhyay

Advanced Research Centre, Department of Microbiology, Lady Brabourne College



Pre- Conference Workshop, 16th Jan

Some of the Eminent Speakers of the Seminar

Audience



Lecture competition by UG students
along with the judges



Business Row



Panel Discussion



Certificate Distribution

Advanced Research Centre, Department of Microbiology, Lady Brabourne College



7th April, 2015

Celebration of World Health Day
By Students of Food and Drug Safety (FDS), Post Graduate Diploma Course,
Department of Microbiology, Lady Brabourne College

*Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College*



Poster Preparation
by
Students of FDS



Lecture
by
Students of FDS



Awareness regarding
Contamination of Food
and Fight Back to keep
FOOD SAFE!



**DST Sponsored Awareness Programme:
Awareness About Cancer with Special
Reference to Cervical and Breast Cancer
5th December, 2015**

*Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College*



Organized jointly by **Advanced Research Centre**, Dept. of Microbiology, Lady Brabourne College
and **K. K Chatterjee Memorial Association**

Programme Schedule:

Welcome address by Prof. Siuli Sarkar, Principal, Lady Brabourne College

Address by Secretary DST (GoWB)

Address by Secretary DST

Overview of Seminar by Dr. Ramdas Chatterjee, President K.K. Chatterjee Memorial

Honorable Speakers were

1. Topic: **Be Wise About Cancer:** Dr. Susanta Roychoudhury, Chief, Basic Research, Saroj Gupta Cancer Centre and Research Institute, Thakurpukur
2. Topic: **Our Diet, Habits and Cancer:** Rathindranath Baral, Head, Dept. of Immuno-Regulation and Immuno-Diagnostic CNCI
3. Topic: **Know All of Cancer Detection:** Dr. Chhanda Dutta, Dept. of Pathology, SSKM
4. Topic: **How to Prevent Cervical Cancer:** Dr Debasis Bhattacharya, Principal, NRS Medical College
5. Topic: **Smart ways to escape from Breast Cancer:** Dr. Aditya Narayan Sen, Oncosurgeon, Anandalok Hospital
6. Topic: **Our Education, Position and Beliefs Fails Us :** Dr. Ramdas Chatterjee, Former HOD, Dept. of Virology, CNCI

Glimpses of the Programme



Speakers delivering their valuable lectures



Felicitation of guests by our students

Interaction with the audience

2016

Orientation Lecture for Post-Graduate Students

5th January, 2016



Topic of Lecture:

"Bridging Microbiology and Applied Chemistry: In Search of Synergy"



The **Orientation Lecture** for the Post-Graduate students was delivered by **Prof. Basab Chaudhuri**, Vice Chancellor, West Bengal State University and Ex-Registrar, University of Calcutta, on 5th January, 2016, organized by the Advanced Research Centre, Department of Microbiology.



Our distinguished speaker, Prof. Basab Chaudhuri, delivering his lecture to the post-graduate students.

Professor Basab Chaudhuri, Ph.D. (Tech) in Chemical Engineering from UDCT, Mumbai (now ICT) was a Lecturer, Senior Lecturer, Reader, Professor and then Registrar of the University of Calcutta, spanning a period from 1991 to 2015, before joining the post of Vice Chancellor of the West Bengal State University, Barasat in 2015, and where he has been working now. During his academic career, he was an active researcher and worked in various capacities in the Netherlands, the USA, South Korea, and other places. He got several gold medals for best publications in journals. He was an INSA - KOSEF research scientist. He was a Fulbright - Nehru Academic Administration awardee. He loves to read and write. Basab Chaudhuri's profile is given in Researchgate. He believes in the dictum, "To thine own self be true." He loves his students and colleagues and tells them to remain reflective and humane in spite of everything.

One Day Seminar on Gastroenteritis due to viral infection with special emphasis on Rotavirus
27th September, 2016

Advanced Research Centre
Department of Microbiology
Lady Brabourne College



Geographic Distribution of Rotavirus Fatalities



Rotavirus
Rotavirus is a contagious virus that causes gastroenteritis (inflammation of the stomach and intestines).
Infants and young children are most likely to get rotavirus disease. Between 6 - 24 months of age.
Symptoms: Severe watery diarrhea, vomiting, abdominal pain.
Transmission: Fecal oral route, contact with feces contaminated hands, surfaces or objects.
Complications: Can become severely dehydrated and need to be hospitalized.
2 million people hospitalized annually worldwide.
Prevention: Wash your hands by soap.



Dr. Sekhar Chakrabarti
NICED, Kolkata

- > Dr. Chakrabarti is Scientist G & Head, Division of Virology in National Institute of Cholera & Enteric Diseases at present.
- > He obtained his B.Sc (Chemistry) and M.Sc (Biochemistry) from University of Calcutta.
- > He was awarded Ph.D degree in Biochemistry from University of Calcutta in 1980
- > He joined National Institutes of Health, Bethesda, USA as a Visiting Fellow in 1981 and subsequently became Visiting Associate and Visiting Scientist.
- > He is the recipient of several awards from national and international bodies, like Invention Award from NIH, USA; Prof S.R Moitra Memorial Award from Physiological Society of India and Prof J. B. Chatterjee Memorial Gold Medal from School of Tropical Medicine.
- > Dr Chakrabarti for the first time reported the prevalence of HIV-1 subtype C among the Injecting Drug Users in Manipur, a northeastern state of India.



One Day State Level Seminar
Recent Trends in Translational Research
9th May, 2016



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College, Kolkata



Felicitation of Dr. Aditi Nag Chaudhuri
On the occasion of her retirement
(Formerly Head, Department of Microbiology)
9th May, 2016

INAUGURAL SESSION



Welcome Address by our Principal,
Prof. Siuli Sarkar

SCIENTIFIC SESSION I



Prof. Dhrubajyoti Chattopadhyay, Vice Chancellor, Sister Nivedita University & Former Pro-VC Academic, University of Calcutta delivering his lecture



Dr. Hemanta K. Majumdar, Retd. Scientist, Indian Institute of Chemical Biology delivering his lecture



Dr. Subrata Majumdar, Professor, Bose Institute delivering his lecture

SCIENTIFIC SESSION II

Seminar presentations made by Research Scholars of Dr. Aditi Nag Chaudhuri



Felicitation of Dr. Aditi Nag Chaudhuri by the Faculty members of Dept. of Microbiology and her Research Scholars

FELICITATION PROGRAMME



2017

**Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College**

GLIMPSES OF DAY 1



Distinguished speakers with our Principal, Prof. Siuli Sarkar, on the dais



Prof. Dhruvajyoti Chattopadhyay, Vice Chancellor, Amity University and Prof. Siddhartha Roy, Senior Professor, Biophysics Dept., Bose Institute and Ex-Director, Indian Institute of Chemical Biology, delivering their lectures on the first day of the Seminar-cum-Workshop

TRAINING SESSION

Hands-on training of Lyophilizer



Hands-on demonstration of HPLC



GLIMPSES OF DAY 2

Prof. Gautam Basu, Chairman & Senior Professor, Biophysics Dept., Bose Institute, delivered his lecture on Applications of Chromatographic Techniques in Biotechnology



Prof. Parimal Sen, Senior Professor, Bose Institute and Chairman, West Bengal DBT BOOST Committee, with the faculty members and addressing the students

Department of Higher Education, Science and Technology and Biotechnology,
Govt. of West Bengal Sponsored
**Two-day DBT-BOOST Workshop:
"Analytical Techniques in Biotechnology: HPLC and Lyophilizer"**
1-2 March, 2017

A two day DBT-BOOST seminar-cum-workshop was organized by the Advanced Research Centre, Dept. of Microbiology under DBT-BOOST II Scheme of West Bengal, for UG/PG/PhD students to enlighten them regarding the use of HPLC and Lyophilizer instruments in Biotechnology. A hands-on training session on handling HPLC and Lyophilizer was organized along with lectures on relevant topics by eminent scientists.



Dr. Asis Kumar Senyal, Former Chief Scientist, Pollution Control Board, Dept. of Environment, Govt. of West Bengal delivered his lecture on Pesticide Analysis by HPLC on the second day

**Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College**



Birth Centenary Celebration of Dr. Asima Chatterjee
Jointly Organized with Dept. of Chemistry and Centre for Women's Studies
10th November, 2017

- **Asima Chatterjee** was one of the first Indian women to earn a doctorate in science in British India.
- She paved the way for Indian women to pursue Organic chemistry and opened the world's eyes to the power of medicinal plants.
- She was born on 23 September 1917, in a middle-class household in Calcutta and was the eldest of two children of Dr. Indra Narayan Mookerjee and his wife, Kamala Devi.
- She completed graduation with Honors in Chemistry from the Scottish Church College of the University of Calcutta in 1936 and did her Masters degree in Organic chemistry in 1938 from the University of Calcutta and Doctoral degree there in 1944.
- Her Doctoral research focused on the chemistry of plant products and synthetic organic chemistry. Among her notable instructors at the time were Acharya Prafulla Chandra Roy and Prof S.N. Bose. She published over 400 papers on Indian medicinal plants and their chemistry.



Prof. Asima Chatterjee once said, "I wish to work as long as I live."

- 1960 marked her election as the Fellow of the Indian National Science Academy, New Delhi.
- In 1961, she became the First Female Recipient of Shanti Swarup Bhatnagar Prize.
- She was the First lady scientist to be elected as the General President of the Indian Science Congress Association and was conferred D. Sc. degree by a number of universities.
- She was nominated by the President of India as a Member of the Rajya Sabha from February 1982 to May 1990.

*Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College*



Dr. Asima Chatterjee Memorial Lecture
22nd November, 2017



Dr. Asima Chatterjee



Dr. Asima Chatterjee Memorial Lecture organised by Advanced Research Centre, Department of Microbiology, on 22nd November, 2017, on her Death Anniversary. The Speaker was Dr. Banasri Hazra, Department of Food Technology, Jadavpur University.

2018



*Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College*

Inauguration & Welcome Address: Prof. Siuli Sarkar,
Principal, Lady Brabourne College

*International Seminar on
Life Science Research in
Health and Disease
26th February, 2018*

Organizers:
ARC,
Department of
Microbiology
Venue:
Auditorium,
Lady Brabourne
College



Keynote Address by Prof. Dhrubajyoti
Chattopadhyay, Vice-Chancellor, Amity
University, Kolkata



Distinguished Resource Persons:

Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College



- Prof. Tapas Hazra: Professor, Department of Biochemistry & Molecular Biology, University of Texas Medical Branch, Texas, USA
- Prof. Subrata Majumdar: Senior Professor, Bose Institute, Kolkata
- Prof. Gaurisankar Sa: Senior Professor & Chair, Division of Molecular Medicine, Bose Institute
- Prof. Debabrata Mukhopadhyay: Professor, Department of Biochemistry & Molecular Biology, Mayo Clinic, Florida, USA
- Dr. Diptendra Sarkar: Professor, Breast Cancer Unit, Department of Surgery, IPGMER
- Dr. Syamal Roy, Ex- Vice Chancellor, Cooch Behar Panchanan Barma University & Dean, NIPER, Kolkata



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College

National Seminar and First Lecture of Bhatnagar Awardee Lecture Series and Felicitation of Prof. Tapas K. Kundu



AWARDS & ACCOLADES:

- 1993 International Council of Scientific Union Award
- 1995 IISc Giri Memorial Award
- 2005 Shanti Swarup Bhatnagar Prize
- 2005 N-BIOS Prize
- 2008 NASI-Reliance Platinum Jubilee Award
- 2011 G. D. Birla Award for Scientific Research
- 2011 Ranbaxy Research Award
- 2012 MM India Innovation Award
- 2018 prestigious civilian award of West Bengal 'Banga Ratna' by Govt. of West Bengal

3rd April, 2018

Welcome Address
by our Principal,
Prof. Siuli Sarkar

Director , Central Drug Research Institute (CDRI)
And
Head, Transcription and Disease Laboratory , Jawaharlal
Nehru Centre for Advanced Scientific Research (JNCASR)



Topic:
Different Aspects of Cancer
Research and Treatment



Felicitation for receiving
Banga Ratna Samman

National Symposium on Interface Areas between Chemical and Biological Sciences 31st July, 2018

in Collaboration with
Royal Society of Chemistry (Eastern India Section)



Advanced Research Centre
Department of Microbiology,
Lady Brabourne College



Inauguration



Felicitation of honorable guests



Welcome Address



Keynote Address



Keynote Address
by
Prof. Basab Chaudhuri,
Vice Chancellor,
West Bengal State University,
Barasat

Session I



Prof. Sojoy Dasgupta,
Director (Officiating),
Bose Institute, Kolkata



Dr. Ambika C. Banerjee,
Former Corporate Advisor (R&D)
East India Pharmaceutical Works,
Kolkata



Dignitaries



Advanced Research Centre
Department of Microbiology,
Lady Brabourne College

National Symposium on Interface Areas between Chemical and Biological Sciences 31st July, 2018

in Collaboration with
Royal Society of Chemistry (Eastern India Section)

Poster Session Judgement



Dr. Debayan Sarkar, Associate Professor, NIT, Rourkela



Prof. Pranab Roy, Senior Consultant, Institute
of Child Health, Kolkata



Prof. Saswati Lahiri, Retd. Sr. Prof. IACS & Dr. Suchita Sinha, Head, Dept. of Botany, LBC



Session II



August gathering of dignitaries



One Day International Seminar on
Regulation of LPS Tolerance and Sepsis

3rd August, 2018

Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College



Prof. Sankar Ghosh

Prof. Sankar Ghosh is the Chairman and Silverstein and Hutt Family Professor of Microbiology & Immunology in the Department of Microbiology and Immunology, Columbia University, USA.



A biochemist, immunologist and microbiologist, Dr. Ghosh continues to be best known for his work on NF- κ B. Because NF- κ B plays an important role in regulating the expression of a number of genes involved in inflammation and the immune responses, his research has implications for the treatment of arthritis, colitis, dermatitis, asthma, and other inflammatory diseases, as well as diseases such as cancer and muscular dystrophy. However his research interests have expanded over the years and encompasses the study of long non-coding RNAs and microRNAs in the inflammatory process. His recent work has also illuminated novel mechanisms and pathways by which the NF- κ B pathway influences immune responses to cancer.

- Dr. Ghosh has completed his B.S and M.S degree from Calcutta University.
- He obtained his PhD degree from Albert Einstein College of Medicine, New York, NY, USA.
- He was a Postdoctoral Associate with Dr. David Baltimore in the Whitehead Institute for Biomedical Research, MIT, Cambridge, MA, USA from 1989-1991.
- He was the Assistant Professor, Associate Professor and Professor of Section of Immunobiology and Department of Molecular Biophysics and Biochemistry in Yale University School of Medicine, New Haven, CT, USA
- He is in the editorial board of several reputed international journals.
- He has near about 96 publications and he wrote 35 reviews, books or chapters.

2019



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College

Orientation Lecture for Post-Graduate Students

1st February, 2019



Prof. Subrata Majumdar

The **Orientation Lecture** for the Post-Graduate students was delivered by **Prof. Subrata Majumdar**, Retired Senior Professor, Division of Molecular Medicine, Bose Institute on 1st February, 2019, organized by the Advanced Research Centre, Department of Microbiology.



Topic of Lecture:
"Diverse Signaling Response in Human
Maladies: Kala azar and Cancer"

- He has his expertise on cell signaling, cancer biology, apoptosis, immunology in infectious disease etc.
- He is a Pioneer in establishing ceramide pathway in visceral leishmaniasis.
- Through studying signaling mechanism, he has established for the first time the reciprocal regulation between phosphatases and kinases during leishmaniasis.
- He is a Recipient of many national and international awards including many prestigious awards of United States and he has near about 125 publications.
- His principal research interests are Host pathogen signaling interactions during Leishmania infection, Visceral Leishmaniasis: Dendritic cell based vaccination etc.





Advanced Research Centre
Department of Microbiology
Lady Brabourne College

One Day International Seminar on Immunological Tolerance and Regulatory T-cells



Dr. Dipayan Rudra

*Dr. Dipayan Rudra, Principal Investigator, Academy of Immunology and Microbiology (AIM)/ POSTECH Campus Institute for Basic Science (IBS), South Korea and Adjunct Faculty, Integrative Biosciences and Biotechnology (IBB) Program, Pohang University of Science and Technology (POSTECH) delivered a lecture on "Immunological Tolerance and Regulatory T-cells".

*He did his graduation in chemistry and post graduation in Biochemistry from University of Calcutta and Post M.Sc. Diploma from Center for Biotechnology, Jawaharlal Nehru University, New Delhi, India in 1998. He was Research Fellow in the laboratory of Dr. Alexander Rudensky Memorial Sloan-Kettering Cancer Center (2009- 2013). He was awarded with Ph.D degree in Cell Biology, in 2005 from Albert Einstein College of Medicine, NY.



Dr. Rudra delivering his lecture in our Department

AWARDS & ACCOLADES

- Shanti Bhakta Memorial Award, CU
- Post-M.Sc. Fellowship, Center for Biotechnology, JNU
- Arthritis Foundation Postdoctoral Fellowship
- Selected to attend RIKEN Research Center for Allergy and Immunology (RCAI) Summer Program 2009, Yokohama, Japan
- Recipient of Outstanding Poster Presentation Award at Immunology and Microbial Pathogenesis Graduate Program Retreat, Weill Cornell Graduate School of Medical Sciences, 2011
- Member of Korean Association of Immunologists (KAI) and American Association of Immunologists (AAI)
- Guest editor, Journal of Immunology Research



Dr. Dipayan Rudra with our Faculty Members and other Guests

8th March, 2019

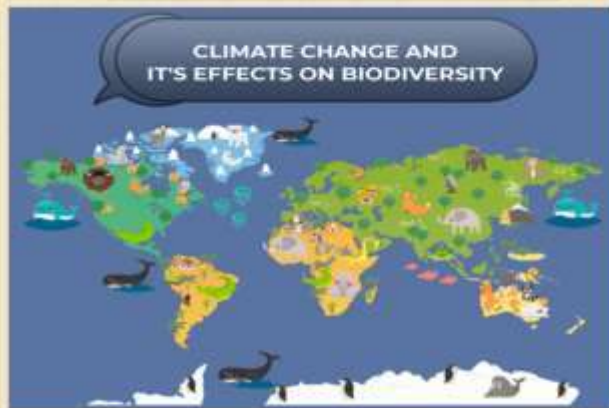


Seminar



Advanced Research Centre
Department of Microbiology
Lady Brabourne College

One Day Seminar on Effect of Climate Change on Biodiversity 18th April, 2019



CLIMATE CHANGE AND ITS EFFECTS ON BIODIVERSITY

Speaker:

Sri Debal Ray, IFS, Chief Project Director, West Bengal Forest and Biodiversity Conservation Project, Govt. of West Bengal



Climate change is the shift or abnormal change in climate patterns. Biodiversity is the variability among living organisms from all sources, including terrestrial, marine, and other aquatic ecosystems. Climate change is already having an impact on biodiversity, and is projected to become a progressively more significant threat in the coming decades. Ecosystems are already showing negative impacts under current levels of climate change.

✓ Sri Debal Ray is a member of Indian Forest Service. He has served in various capacities in the field of Environment and Natural Resource Management.

✓ Presently, he is serving as Chief Project Director, West Bengal Forest and Biodiversity Conservation Project and his current interests are in the fields of Climate Change, Biodiversity and Ecosystem Services.

✓ He is a recipient of Fulbright fellowship.



Seminar Organized By
Advanced Research Centre



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College, Kolkata

One Day State-Level Symposium
Environment: Issues and Impact
7th December, 2019



INAUGURAL PROGRAMME



Inaugural song by the Students
of Department of Microbiology



Inauguration of the Symposium by watering a plant by the Keynote Speaker, Sri Debasish Kumar and the Principal, Prof. Siuli Sarkar and felicitation of the Chief Guest

The rapidly growing population and economic development is leading to a number of serious environmental issues in India. With the lack of proper awareness about safe and sustainable environmental practices, society is on the brink of an imminent danger which is arising due to rapid depletion of natural resources (both energy and biodiversity), climate change, air and water pollution, urban sprawl, improper waste disposal and many other factors. Some of these environmental issues, their impacts and possible remedies were discussed in the **One day State-level Symposium on Environment: Issues and Impact**, held on **7th December, 2019**, organized by **Advanced Research Centre, Department of Microbiology at Lady Brabourne College, Kolkata**.



Inaugural Address by **Prof. Siuli Sarkar**,
Principal, Lady Brabourne College, Kolkata



Keynote Address by **Sri Debasish Kumar**,
MMIC (Member, Mayor-In-Council), Parks &
Gardens, Sports, Advertisement, Parking &
Hawker's Rehabilitation Schemes, Urban Forestry



Distinguished Speakers and Guests with the Principal and the Faculty Members of Department of Microbiology



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College, Kolkata

**“BE A PART
OF THE
SOLUTION
NOT
A PART
OF THE
Pollution”**

One Day Symposium on 'Environment: Issues and Impact'
Organized by
Advanced Research Centre
Department of Microbiology, Lady Brabourne College, Kolkata
Date: 7th December, 2019

One Day State-Level Symposium
Environment: Issues and Impact
7th December, 2019



SCIENTIFIC SESSION



Our distinguished speaker in the first session: **Dr. Snehamanju Basu**,
Registrar, Jadavpur University



The scientific sessions ended with the lecture of our distinguished speaker **Md. Abdul Gani**, Special Secretary,
Department of Sundarban Affairs,
Govt. of West Bengal



Faculty members of Dept. of Microbiology
& Geography with Dr. Snehamanju Basu



Sri Sandipan Mukherjee, IFS (Retd.),
Ex-Chief Conservator of Forest, Govt.
of West Bengal was our distinguished
speaker in the second session



Distinguished guests and speakers with our Principal Madam and the students who attended the symposium

Students, Research Scholars, Faculty Members, Non-teaching staff of Dept. of Microbiology



2020



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College



International Seminar on 'Women in Science' 7th January, 2020

A collaborative programme of Prof. J. J. Ghosh Foundation & ARC, Department of
Microbiology, Lady Brabourne College



- Prof. J. J. Ghosh, first officially appointed lecturer of Biochemistry in University of Calcutta in 1956, became Centenary Professor in 1965
- Nominated in the International Brain Research Organization under UNESCO as the first Neurochemistry panel member from India.
- Exceptionally dedicated & motivational teacher who ignited love for the subject in the hearts of many young learners

Speakers:

- Prof. Gourisankar Ghosh**
University of California,
San Diego, California, USA
- Prof. Maitreyee Das Gupta**
Department of Biochemistry
University of Calcutta
- Dr. Chitra Mandal;**
SERB Distinguished Scientist,
Indian Institute of Chemical Biology



Inaugural Programme: Felicitation of the Distinguished Guests and Speakers by our Principal,
Prof. Siuli Sarkar



Awareness Lecture on COVID-19 Pandemic: Preparedness for COVID-19

14th March, 2020

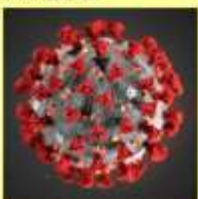


Dr. Abhik Sinha, Scientist C, MBBS, MD, PGDGM, ICMR-NICED (ICMR-National Institute for Cholera and Enteric Diseases) delivered a lecture on "Preparedness for COVID-19" discussing the present status of the COVID-19 Pandemic in India

Dr. Abhik Sinha is presently Scientist C in Division of Clinical Medicine, ICMR –NICED. He passed MBBS with three Gold Medals. He has passed M.D. in Community Medicine and has done Post Graduate Diploma in Geriatric Medicine after his MD. He has a long teaching and research experience in geriatrics and public health and also has nearly 40 publications to his credit. He has won the Commonwealth Scholarship in 2014. He was awarded Best Faculty award in 2017 in Community Medicine in National Conference of Indian Association of Preventive and Social Medicine.



Dr. Sinha being felicitated by our student



Advanced Research Centre,
Department of Microbiology,
Lady Brabourne College



REDUCE YOUR RISK OF COVID-19 INFECTION



WASH HANDS

Wash your hands with soap or use a hand sanitizer



COVER A COUGH OR SNEEZE

Cover your cough or sneeze with your sleeves or tissues. Dispose the tissue and wash hands afterwards



SOCIAL DISTANCING

Keep a distance of atleast 1 meter away from others in public



STAY AT HOME

Always stay home unless you have an important reason to leave the house



www.health.gov
Follow Us: @health.gov





Advanced Research Centre
Department of Microbiology
Lady Brabourne College

Webinar on Beyond the Ice: Story of Existence 11th June, 2020



Dr. Chaudhuri was one of the member of 39th Indian Expedition to Antarctica, in December, 2019 receiving Shastri Indo-Canadian Fellowship (2018) to participate BaySys Sub-Arctic expedition in the CCGS Amundsen to study the impact of climate change on polar environment.



Dr. Punarbasu Chaudhuri

Dr. Punarbasu Chaudhuri, Assistant Professor, Department of Environmental Science, University of Calcutta, delivered a lecture on his recent expedition to Antarctica. His main research interests are mangrove ecology, bio-prospecting and geoinformatics. The area of his research has been on mangrove forests of India, specially the Sundarban mangrove and the coastal ecosystem.

- Endeavour Visiting Fellow in the School of Geosciences at the University of Sydney between 23rd April, 2012 to 22nd October, 2012.
- Recipient of National Scholarship Ministry of Human Resource Development, Govt. of India, Vidyasagar College Centenary Scholarship from Vidyasagar College, Abanindra Guha Life Science Endowment from Vidyasagar College.
- Appointed as Australian Award Ambassador in India by Govt of Australia, 2014.



Advanced Research Centre
Department of Microbiology
Lady Brabourne College

Webinar on "Structural Biology: Basics and Application" 20th June, 2020

•Dr. Sukritee Bhaskar is ex student of Lady Brabourne College, did her M. Sc in Genetics from University of Calcutta and Completed Joint Ph.D degree from IITB-Monash Research Academy in 2020 under supervision of Dr. Santosh Panjikar, ANSTO ,Australian Synchrotron, Melbourne and Dr. Ruchi Anand, Department of Chemistry, IIT Bombay, Mumbai.



DR. SUKRITEE BHASKAR


•She is a confident researcher with a keen interest in structural biology and protein biochemistry. Her thesis deciphered the structural and functional basis of two catabolic proteins, thiolase and decarboxylase, belonging to the aromatic biodegradative pathway with the goal of eliminating toxic pollutants. She was Research Associate in IIT- Bombay till Feb, 2020 and published a no. of research paper in reputed international journals.

•Currently she is a visiting researcher in Australian Synchrotron, Clayton, Australia and doing research on "Transition from decarboxylase to peroxidase".

•She is the recipient of various prestigious awards like Dr. J Mandal Cash Prize award in 2014 from C. U., IITB-Monash Research Academy Scholarship Award for pursuing her Ph. D, Bursary award from Department of science and technology for attending IUCR in 2017 etc.




**Advanced Research Centre
Department of Microbiology
Lady Brabourne College**




Presents

Webinar Series on 'COVID 19: An Enigma'


**1st Lecture of Webinar Series
"The CoVID19 Pandemic-A Challenge"
1st July, 2020**



**Speaker: Prof. Dhruvajyoti Chattopadhyay,
Vice Chancellor, Sister Nivedita University**




**Welcome Address delivered by
Prof. Siuli Sarkar, Principal, Lady Brabourne College**




**The CoVID19 pandemic
-a challenge**

**Prof. Dhruvajyoti Chattopadhyay
Vice-Chancellor
Sister Nivedita University
Kolkata**




Challenges for testing & diagnosis

- Number of test kits available
- Quality of test kits
- Capacity of testing labs and their compliance with government guidelines
- Shortage of safety gear for health workers involved in testing




**Advanced Research Centre
Department of Microbiology
Lady Brabourne College**



Presents


Webinar Series on 'COVID 19: An Enigma'

**2nd Lecture of Webinar Series
"Dealing with Mental Stress in the Context of COVID-19"
2nd July, 2020**




Dr. Subhrangsu Aditya Mrs. Sahana Nag


•Dr. Subhrangsu Aditya is MBBS and trained in Psychological Counseling. He is a senior JBNSTS scholar (1995) and has experience of research in Cognitive science and biomedical Engineering for more than 10 years. He won best student paper award for his outstanding contribution by Cognitive Science Society, USA in 2014.





Lecture 2: Dealing with Mental Stress in the Context of COVID-19

**Dr. Subhrangsu Aditya & Smt. Sahana Nag
CCSSS, Jadavpur University
Date: July 2, 2020 Time: 3 pm**









•Both are involved in teaching Psychological Counseling and Stress management for last 10 years in the centre for Counseling Services and Studies in Self-Development (CCSSS), Jadavpur University, Kolkata.

Advanced Research Centre
Department of Microbiology
Lady Brabourne College



Presents

Speaker: Dr. Santasabuj Das, M.D., Scientist F, NICED



Webinar Series on 'COVID 19: An Enigma'

3rd Lecture of Webinar Series
"COVID-19: Why a flu-like illness is so much worse than seasonal flu?"
4th July, 2020



Advanced Research Centre
Department of Microbiology
Lady Brabourne College

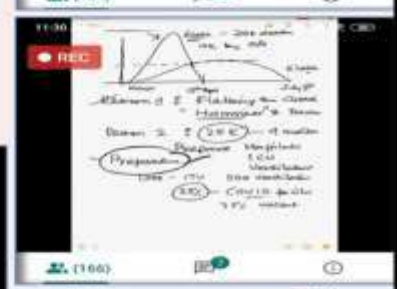
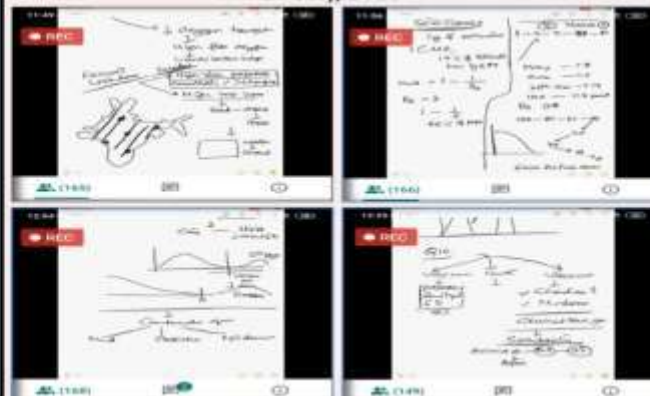


Presents

Webinar Series on "COVID 19: An Enigma"

4th Lecture of Webinar Series
"Combating COVID Pandemic : The Science Behind"
Delivered by
Dr. Diptendra K. Sarkar
5th July, 2020

Prof. Diptendra K. Sarkar.
[MS (Gold medalist), DNB, FRCSEd]
•Chief, Comprehensive Breast Service and Breast cancer research unit, Department of Surgery, IPGMER, Kolkata
•President Elect, Association of Breast surgeons of India
•Council Member, Association of Surgeons of India
•Associate Editor, Indian Journal of Surgery
•Associate Editor, Indian Journal of Surgical oncology
•Tutor Examiner, Royal College of Surgeons of Edinburgh
•Examiner, National Board of Examinations




**Advanced Research Centre
Department of Microbiology
Lady Brabourne College
presents**
INTERNATIONAL WEBINAR
 On
"Immunological Tolerance"


Speaker
Dr. Dipayan Rudra
 Principal Investigator
 Academy of Immunology & Microbiology
 Institute for Basic Science
 South Korea
 Date: 6th August, 2020
 Time: 12 noon
 Platform: Google Meet



Pathophysiology of COVID-19 is caused by over-activated immune cell mediated inflammation

Mechanisms of Immunological Tolerance
 Central tolerance: Deletion, Diversion, Tolerant
 Peripheral tolerance: Inactivation, Diversion, Ignorance, Suppression, Resting

Ex vivo screening system for immunoregulatory probiotics
 Fcγ3-GRF mice
 Co-culture with a library of probiotics for 60-72 hours
 Fcγ3+

Bifidobacterium bifidum
 (Gram positive anaerobic bacterium)

How does the Immune system affect our lives?

"The power of the Immune system is a double-edged sword."
 - Dr. William E. Paul (1934-2019)

Meeting participant list:
 Piyu Ghosh (You)
 Dipayan Rudra
 Aparna Sen
 Dipayan Rudra
 Others in the meeting (153)
 Achala Anjali

**Advanced Research Centre
Department of Microbiology, Lady Brabourne College
presents**
National Webinar Series on 'Intellectual Property Rights: Issues & Impact'


Speaker: Dr. Abhijit Bhattacharjee
 Teacher In-charge
 Jalpaiguri Law College
 Date: 03.09.2020
 Time: 12 noon


Speaker: Dr. Koustubh Panda
 Prof. and Head, Dept. of Biotechnology and GCGB
 University of Calcutta
 Date: 05.09.2020
 Time: 5.00 pm


Speaker: Dr. Deboleena Sarkar
 Senior Scientist, Intellectual Property, Legal Affairs,
 GE-SABIC, Bengaluru
 Date: 06.09.2020
 Time: 6 pm

Speaker: Dr. Koustubh Panda
Topic: Innovation and Job Creation in Biotechnology: The Survival Challenges for India

Speaker: Dr. Abhijit Bhattacharjee
Topic: Deceptive Similarity in Domain Name Infringes Trademark Law: A Judicial Response

Impact of Intellectual Property Rights

Speaker: Dr. Deboleena Sarkar
Topic: IP As A Profession

INTELLECTUAL PROPERTY RIGHTS
 WRITER, INVENTOR, PUBLISHING

ACADEMIA (INNOVATORS) vs INDUSTRY (TRANSLATORS)

TWO DAY NATIONAL LEVEL WEBINAR



Topic:

**Epigenetics: Targets of Drug
Discovery**

DAY 01

Date: 20th December, 2020

Time: 3:30 pm

Organised by

**Advanced Research Centre,
Department of Microbiology, Lady Brabourne College**

In Collaboration with

**Royal Society of Chemistry,
Eastern India Section**

Our Distinguished Speaker:

Prof. Tapas K. Kundu, PhD, DSc, FNAsc., FASc., FNA

Sir J. C. Bose National Fellow
Silver Jubilee Professor (2015-16)

Director

CSIR – Central Drug Research Institute, Lucknow – 226 031

Adjunct Professor,

Special Centre for Molecular Medicine,
Jawaharlal Nehru University, New Delhi

Lifetime Distinguished Professor

University of Mysore, Karnataka

President Chemical Biology Society India

TWO DAY NATIONAL LEVEL WEBINAR



Topic:

**COVID-19: Don't be complacent until
there is a drug (jab taak daoi nehi taab
tak dhilai nehi)**

DAY 02

Date: 21st December, 2020

Time: 11:30 am

Organised by

**Advanced Research Centre,
Department of Microbiology, Lady Brabourne College**

In Collaboration with

**Royal Society of Chemistry,
Eastern India Section**

Our Distinguished Speaker:

Dr. Debprasad Chattopadhyay

Scientist G & Director,

ICMR-National Institute of Traditional Medicine

(ICMR-NITM),

Belgavi, Karnataka



NATIONAL LEVEL WEBINAR
TO
COMMEMORATE 100TH BIRTH
ANNIVERSARY OF
DR. ROSALIND FRANKLIN



Topic

Structural Changes In Viruses
During Initial Stages Of Infection

Our Esteemed Speaker

Dr. Manidipa Banerjee

Associate Professor
Kusuma School of Biological Sciences
Indian Institute of Technology Delhi

