Online International Symposium
On
Biological Sciences: Impacts on Modern Civilization, Current and Future Challenges
26th – 27th September, 2020
Organized by
Department of Botany
Rabindranath Thakur Mahavidyalaya
Bishalgarh, Tripura, India
In collaboration with
Department of Botany
J. D. Women’s College
Patna, India

Advisory committee
Mr. Saju Vaheed A. IAS
Director, Higher Education
Government of Tripura
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Dept. of Botany, University of Calcutta
Prof. Debasish Maiti
Dept. of Human physiology, Tripura University
Dr. Sourab Deb
Dept. of Forestry & Biodiversity, Tripura University
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Dept. of Biotechnology, Gurucharan College, Silchar
Dr. Gourab Roy
Dept. of Zoology, M.B.B College, Agartala

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RTM, Bishalgarh
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Department of IT
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RTM, Bishalgarh

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Bishalgarh, Tripura

Organising secretary
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Associate professor & HoD
Department of Botany
RTM, Bishalgarh

Conveners
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Associate professor & HoD
Department of Human Physiology
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Smt. Rithi Majumder
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Assistant Professor
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Smt. Anita Roy
PGT, Department of Botany
RTM, Bishalgarh

AWARDED THE BEST GENERAL DEGREE COLLEGE IN TRIPURA FOR THE YEAR 2019-20
Directorate of Higher Education, Govt. of Tripura, India
Speakers in the event and session wise presentations

Day 1
Date: 26/09/2020
Inauguration and Keynote Address

11:00-11:10
Welcome address by Dr. Anupam Guha, Organizing Secretary, International Symposium, RTM,Bishalgarh-799102, Tripura, India

11:15-11:25
Launch of E-Book: “Biological Sciences: Impacts on Modern Civilization, Current and Future Challenges”

by
Mr. Saju Vaheed A, IAS
Director, Higher Education, Government of Tripura-799102, India

11:25-11:35
Address by Dr. Chitra Pal, Principal-In-Charge, RTM, Bishalgarh-799102, Tripura, India

11:35-11:55
Keynote Address:
Professor Arnab Sen, Department of Botany, University of North Bengal, Siliguri, West Bengal, India
Topic: “Genomic characterization of tea garden soil micro-flora from Darjeeling hills”

11:55-12:00
Short introduction about ND Publishers by Sri Deepanjan Mukherjee, Founder member, NDP, New Delhi.

12:00-12:05
Vote of thanks by Smt. Sankari Das Deb, Associate professor and Secretary, Teachers Council, RTM, Bishalgarh-799102, Tripura, India

Session-1

12:10-2:00

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<th>Sl. No.</th>
<th>Speakers</th>
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<tr>
<td>1</td>
<td>Dr. Aditi Banerjee</td>
<td><img src="image_url" alt="Dr. Aditi Banerjee" /></td>
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<tr>
<td></td>
<td>Assistant Professor</td>
<td>University of Maryland School of Medicine, Baltimore, USA</td>
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<td>Topic: “Andrographolide: from bench to bedside in colorectal cancer”</td>
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<td>Date &amp; Time: 26th Sept. 2020 at 12:10</td>
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<td></td>
<td>Email Id: <a href="mailto:abanerjee@peds.umaryland.edu">abanerjee@peds.umaryland.edu</a></td>
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QA & Discussion
| 2 | **Dr. Prakash P. Chakrabarti**  
Senior Principal Scientist  
CSIR-Indian Institute of Chemical Technology, Council of Scientific and Industrial Research, Ministry of Science and Technology, Hyderabad, Government of India  
**Topic:** “Lipid Based Nutraceuticals and Nanoformulations for Medicinal and Cosmetic Applications”  
**Date and Time:** 26th Sept 2020 at 1:00  
**Email id:** pradosh.chakraborty@gmail.com |
|---|---|
| 3 | **Dr. Surajit Basak**  
Scientist C  
ICMR-National Institute of Cholera and Enteric Diseases, Department of Health Research, Ministry of Health and Family Welfare, Government of India  
**Topic:** “Genomic data analysis: challenges and achievements”  
**Date and Time:** 26th Sept 2020 at 1:50  
**Email id:** basaksurajit@gmail.com |

**QA & Discussion**
## Day 2  
**Date**: 27/09/2020  

### Session-2

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| 4      | **Dr. Dilip Kumar Deb**  
Navigator –Nephrohub, Feinberg Cardiovascular and Renal Research Institute  
Northwestern University, Chicago  
**Topic**: “Vitamin D deficiency is a disease of modern civilization”  
**Date and Time**: 27th Sept 2020 at 11:00  
**Email id**: dilip.deb@northwestern.edu |

**QA & Discussion**

| 5      | **Prof. Shaon Ray Chaudhuri**  
Department of Microbiology  
Tripura University, India  
**Topic**: “White Blood Cell diameter as a biomarker for rapid diagnosis of Septicemia and antibiotic sensitivity screening”  
**Date and Time**: 27th Sept, 2020 at 11:50  
**Email id**: shaon.raychaudhuri@gmail.com |

**QA & Discussion**

| 6      | **Dr. Meenu Gupta**  
Assistant Professor  
Department of Botany  
J. D. Women's College, Patna, India  
**Topic**: “Biological Synthesis of Nanoparticles: An Ecofriendly Approach towards Medicine and Environment”  
**Date and Time**: 26th Sept 2020 at 12:40  
**Email id**: meenugupta.999@gmail.com |
QA & Discussion

Valedictory session
1:30-1:45

Summarization on two days International Symposium by Dr. Anupam Guha, Associate Professor & HoD, Department of Botany, Rabindranath Thakur Mahavidyalaya, Bishalgarh, Tripura, India

Concluding remarks by Dr. Chitra Pal, Principal-in-Charge, Rabindranath Thakur Mahavidyalaya, Bishalgarh, Tripura, India

Website: https://rtmbishalgarh.ac.in/
Stay home, stay safe, stay virtually connected and learn
• Symposium is open to all
• Registration is free
• Last date of Registration is 25th September, 2020 up to 5pm. IST
• All registered participants are requested to join the WhatsApp group during registration.
• E-certificate will be provided to all registered participants subject to submission of feedback form after active participation in the symposium.
• E-certificate will be mailed within 15 days.
• The feedback link will be opened at chat boxes and WhatsApp groups just before the end of technical session of Day-2 and link will be closed at 6pm. IST
• Do write your questions for each session only in the chat boxes of both YouTube and Facebook Live Streaming
• Do not write unnecessary messages in the chat box.

PLATTFORMS

Registration link:
https://forms.gle/78pAEdUAAxUxr5ru5

YouTube link:
https://www.youtube.com/channel/UCU5uUHTMKgytxsK7qqMLEPQ

Facebook link:
https://www.facebook.com/rtmbishalgarh2012/

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Dr. Chitra Pal
Principal In-charge

Dr. Anupam Guha
Organising secretary