



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721426, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

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Recent Development of Chemical Research being implemented in Biology and Medicine dated 2nd & 3rd November, 2021

The program was started on 2nd November, 2021 at 11.00 am with few introductory words by the coordinator, Dr Bidhan Chandra Samanta, Associate Professor and Head, Department of Chemistry, Mugberia Gangadhar Mahavidyalaya. Prof. Dr Ashutosh Ghosh, Vice-Chancellor, Rani Rashmoni Green University inaugurated the conference officially by his valuable inaugural speech and published the e-copy of “Book of Abstract” by sharing his screen. Then, **TECHNICAL SESSION – 1** chaired by Prof. Dr. Pralay Maiti was started. In this session, Prof. Dr. Amit Basak highlighted the issues related to antibiotic discovery, their resistance mechanisms and possible strategies to identify and shut down the activity of proteins involved in conferring resistance. After lunch break, **TECHNICAL SESSION – II** started taking Prof. Dr Tanmaya Pathak in the chair. In this session, Prof. Dr. Pralay Maiti discussed biomaterials for overall healthcare technology including bone healing, stent and suture based on shape memory polymers. In the second day, Prof. T. Pathak delivered lecture on “Sugar-Modified Inhibitors of Ribonuclease A” highlighting some efficient competitive inhibitors of RNase A with inhibition constants in the micromolar range and four research scholars presented paper in this day.

Number of Participants: Day 1, Half 1: 90 (M: 65, F: 25), Half 2: 50 (M: 23, F: 27); Day 2:

102 (M: 73, F: 29) **YouTube:** <https://youtu.be/UQyA3s49A6o>

Recent Development of Chemical Research being implemented in Biology and Medicine
A TWO DAY NATIONAL CONFERENCE

Organized by
Department of Chemistry
MUGBERIA GANGADHAR MAHAVIDYALAYA
Supported by: DBT (Govt. of India)

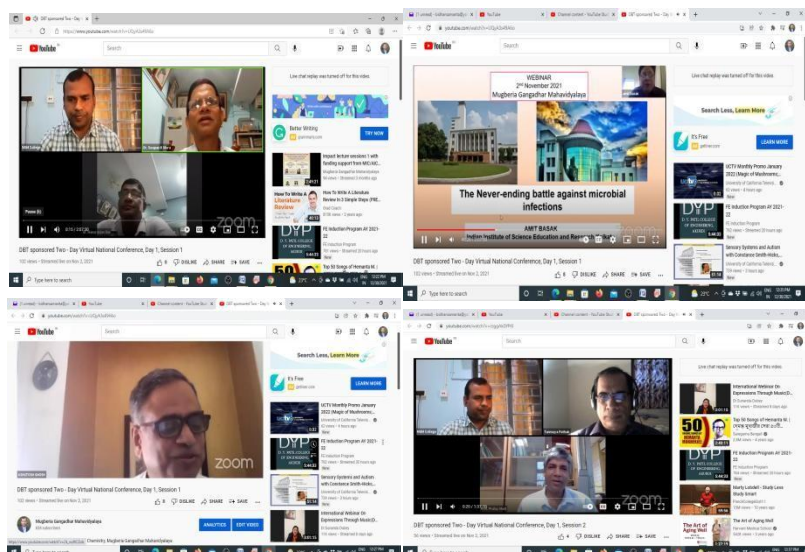
2nd & 3rd Nov. 2021

 Organizing Committee Dr. Bidhan Chandra Samanta Principal Mugberia Gangadhar Mahavidyalaya	 Inauguration Prof. Ashutosh Ghosh Vice-Chancellor Rani Rashmoni Green University Medinipur, West Bengal	 Speaker Dr. Pralay Maiti Visiting Professor, School of Chemistry, IIT, Kharagpur West Bengal	 Speaker Dr. Tanmaya Pathak Professor, Dept. of Chemistry, IIT, Kharagpur, WB
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Theme of the Webinar
Natural and synthetic chemical compounds have served mankind for healing and life saving purpose since ancient times. However better understanding of human physiology, its working procedure, constituent elements of human body, its interaction with environment along with the development of technology in different field of science has triggered discovery of newer drug molecules with better healing abilities. Development of inorganic materials like polymers, nano-materials is coming up with emerging techniques of drug delivery with better results for treatment of cancer, heart blockage, diabetes etc. Nanomaterials are coming up with their antibacterial, antiviral effect for fighting pandemic situations like COVID 19. Use of newer inorganic elements are also finding their abilities towards new possibilities in therapeutic use.

Registration is free, but it is mandatory
Registration link: <https://forms.gle/cvTSa5sG5R0GMCN8>
Last date of registration: 28th October, 2021 up to 5.00 pm.
Platform Zoom apps Streaming YouTube. Meeting link will be provided one day prior to the Webinar through registered e-mail or WhatsApp.
e-certificates will be issued only after successful filling of Feedback form.

Invitation for abstract and full length Paper
Abstract submission deadline (300 words)- October 28, 2021. Full paper submission October 28, 2021 for proceeding publication with ISBN No.
Send your abstract and full paper to bidsamanta@yahoo.in



Twitter link: <https://twitter.com/MugberiaM/status/1456251774776471557/photo/1>




Principal
Mugberia Gangadhar Mahavidyalaya