

International Webinar on “Recent Advances of Sensors: Bio-sensing for COVID-19 Kits and Spectroscopic Tools for Detection of Toxic Metals”

Date: Tuesday, 30th June 2020 at 6.30 P.M.

Organized by

Department of Chemistry & IQAC,
Asansol Girls' College
[NAAC 'A' Accredited]
Affiliated to Kazi Nazrul University (WB)
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About the Webinar

COVID-19 disease has spread wildly worldwide irrespective of age, sex, religion, culture and geographical boundaries. World Health Organization (WHO) announced COVID-19 as Pandemic in March 2020. To prevent community transmission of this highly infectious disease, it is very much necessary to identify the COVID positive patients. It could be done only through frequent Corona testing by using appropriate kits. This webinar will be going to enhance and explore knowledge on the more convenient bio-sensing approaches for the screening of active COVID-19 cases.

On the other side, to enrich our knowledge of fundamental chemistry and exchange our ideas with the speaker and the participants, this webinar will also focus on one of the aspects of fundamental chemistry, spectroscopy probes acting as selective sensor for detecting various toxic metal ions.

News in the web: <https://bartamanpatrika.com/detailNews.php?cID=13&nID=232169&P=1&nPID=20200608>

<https://www.firstpost.com/health/covid-19-testing-gold-nanoparticle-based-test-kit-can-give-results-within-10-minutes-8435441.html>

Registration

No Registration Fee Required

For registration Click: <http://agc.ac.in/regwebinar8>

This webinar will be hosted on Zoom platform.

* E-certificate will be provided to the participants

Target Audience: Faculty/Research Scholar/Student/Others

Speakers

Dr. Dipanjan Pan

Professor of Diagnostic Radiology & Nuclear Medicine, Pediatrics and Chemical, Biomedical & Environmental Engineering. University of Maryland Baltimore and School of Medicine, Baltimore, Maryland, USA



Topic: *Emerging Translatable Bio-sensing Approaches for Detection of COVID-19*



Dr. Ajay Kumar Mishra

Professor, Department of Chemistry & Chemical Technology, Vidyasagar University, Midnapore, WB

Topic: *Spectroscopy from Molecules to Low Dimensional Materials*

Program Schedule

6.30–6.40 P.M. Inaugural Session

6.40–7.35 P.M. Dr. Dipanjan Pan

7.35–7.45 P.M. Question/Answer

7.45–8.40 P.M. Dr. Ajay Kumar Mishra

8.40–8.50 P.M. Question/answer & Vote

of Thanks

Chairman: Dr. Sandip Kr. Ghatak

Vice-Principal,

Asansol Girls' College

IQAC Coordinator: Dr. Shyamal Seth

Convener: Dr. Surajit Jana

Organizing Committee:

Dr. Debjani Sur

Dr. Soma Gorai

Dr. Leena Bhowmik

Dr. Goutam Kr. Jana

Technical Committee:

Prof. Subhasis Ghosh

Dr. Pradip Ghanty

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