



Center For Basic Sciences
Pt. Ravishankar Shukla University, Raipur



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REPORT ON

International Webinar on

"RECENT TRENDS IN MEDICINAL CHEMISTRY"

27th-28th July 2020

Organized by
Center for Basic Sciences
Pt Ravishankar Shukla University, Raipur

&

Co-Supported by
Chemical Research Society of India
CRSI Local Chapter, Chhattisgarh

Submitted by

Chairman

Dr Kallol K Ghosh
Director
Center For Basic Sciences
Pt. Ravishankar Shukla University, Raipur

Convener

Dr Bhanushree Gupta
Center For Basic Sciences
Pt. Ravishankar Shukla University,
Raipur

Report on two day International Webinar

Title- “Recent Trends in Medicinal Chemistry”

Date- 27th -28th July 2020

Host- Center for Basic Sciences, Pt Ravishankar Shukla University Raipur.

Co-supported by - CRSI, Local Chapter Chhattisgarh

About the Webinar- The two day webinar aimed to provide a platform to all the participants particularly to students to have an idea of recent trends in medicinal chemistry amid COVID-19. The first day was devoted to medicinal chemistry. In the wake of pandemic crisis, the theme of second day was on “COVID-19”. Whole world is reeling under the unprecedented Covid-19 crises. Students are also facing the crisis which is hitting the proper functioning of their routine studies. Hence, it was planned to give an opportunity to participants to get aware of global pandemic COVID-19 and to create awareness regarding precautions and safety measures. Students listened and interacted with eminent scientists and psychologist to share and resolve their queries.

No of Participants- 190 (Other than India participants were from different countries like USA, Nigeria)

Day-1 (27th July 2020)

Speakers-

S. N.	Name of Speaker	Date	Title of the Talk
1	Dr. T. Govindraju (Associate Professor), Jawaharlal Nehru Center for Advanced Scientific Research,(JNCASR) Bengaluru	27/07/2020	"Molecular Probes for Theranostics"
2	Dr. Vinod Kumar Tiwari (Associate Professor), Banaras Hindu University, Varanasi	27/07/2020	"Synthetic Chemists and Our Society"

The inaugural day of webinar was begun at 11.00 AM with introductory remarks by Dr. Bhanushree Gupta, Convener. The welcome address was delivered by Prof. Kallol K Ghosh, Chairman and Director, Center for Basic Sciences. Prof. Girish Kant Pandey, Registrar, Pt. Ravishankar Shukla University Raipur, was also present especially to address the virtual gathering. Prof. Keshari Lal Verma, Hon’ble Vice Chancellor, Pt. Ravishankar Shukla University Raipur graced the occasion with his presidential remarks

First speaker of the webinar, Dr Govind Raju delivered his plenary lecture on "Molecular Probes for Theranostics". He discussed the new emerging technique theranostics and architectonics in his lecture. Participants enthusiastically asked their queries for the technique and got satisfactory answers by Dr Raju. The second speaker, Dr Vinod Kumar Tiwari gave his

plenary lecture on "Synthetic Chemists and Our Society". Dr Tiwari addressed the importance of synthetic chemistry in our daily life and made participants aware about many therapeutic organic compounds available.

After the interaction of participants with Dr Tiwari, vote of thanks was proposed by Dr Veenu Joshi on behalf of organizing committee.

Day-2 (28th July 2020)

Speakers-

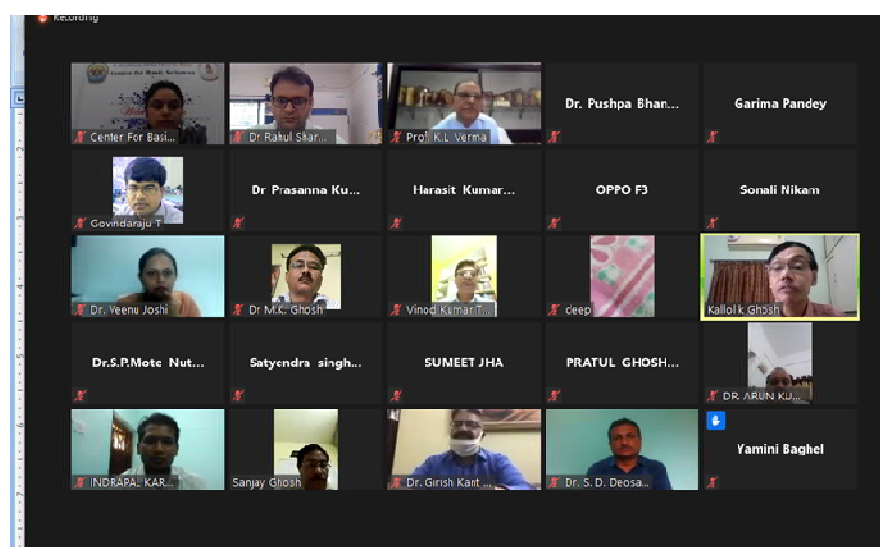
S. N.	Name of Speaker	Date	Title of the Talk
1	Dr. Kuldeep Singh, Bostan University, USA	28/07/2020	"COVID-19: Epidemiology, Effect on the Cardiovascular System and Possible Treatments"
2	Dr. Snehil Gupta, AIIMS Bhopal	28/07/2020	"Common Psychological Issues Among the University Students amidst COVID-19 Pandemics and its Remedies"

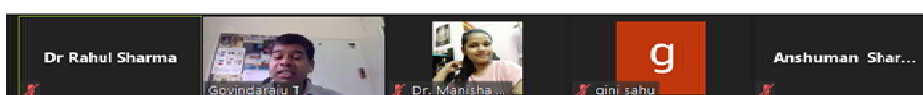
The commencement of the final day of webinar on theme “COVID-19” was done by Dr Bhanushree Gupta, Convener. Prof. Kallol K Ghosh, Chairman and Director, Center for Basic Sciences welcomed all the speakers and participants and spoke about the theme “COVID-19”.

The first lecture was delivered by Dr Kuldeep Singh, Department of Health Sciences, Sargent College, Boston University, Boston USA on "COVID-19: Epidemiology, Effect on the Cardiovascular System and Possible Treatments". Dr. Singh delivered a thorough lecture and gave an insight of novel corona virus, its structure, spread, therapeutic measurements and current status of vaccine.

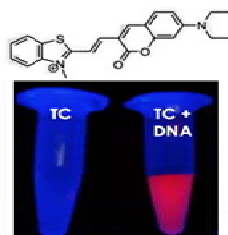
Second, lecture was given by Dr. Snehil Gupta, (M. D. Psychiatry), Assistant Professor, AIIMS Bhopal on "Common Psychological Issues Among the University Students amidst COVID-19 Pandemics and its Remedies". He addressed all psychological issues rose during lockdown among students and faculties. Dr Gupta emphasized to adopt spirituality, yoga and meditation to overcome mental pressure and other negativities. At the end of the webinar vote of thanks was proposed by Dr Bhanushree Gupta, Convener.

Glimpses of Webinar (Day-1, 27 July 2020)

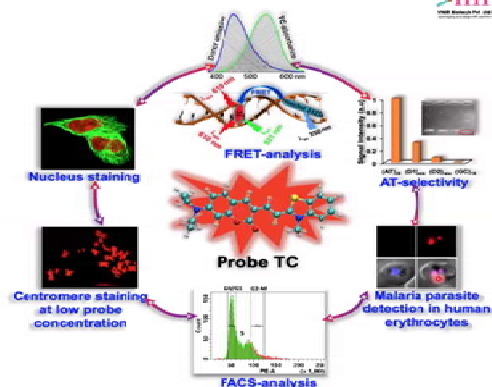




DNA Intercalator: Multiple Applications



- Cell-permeable,
- Non-toxic,
- No need for RNase treatment
- Multiple applications



Thiazole-Coumarin (TC) AT-specific, red fluorescence switch on probe for DNA

Day-2 (28 July 2020)



You are viewing Kuldeep Singh's screen View Options

Dr. Rahul Sha Kuldeep Singh Kallol K Ghosh Center For B... Sandeep Tandon sandipkumar Mali

Fundamental knowledge of Coronavirus

Coronaviruses-

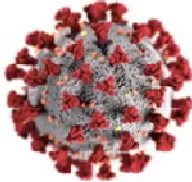
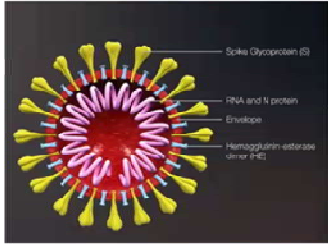
- 65-125 nm diameter
- Single stranded RNA
- 7 known human coronavirus

NL63
229E
OC43
HKU1

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Mild illness


- SARS-CoV (Guangdong, China, 2003)
Pneumonia symptoms with diffuse alveolar injury
Acute respiratory distress syndrome (ARDS)
Affected 26 countries
8000 infected, 776 deaths
- MERS-CoV (Saudi Arabia, 2012)
Pneumonia, severe respiratory disease
ARDS and renal failure
2428 infected, 638 deaths
- SARS-CoV-2 (Wuhan, China, 2019)
Zoonotic virus
80% genetic similarity with SARS-CoV
n-CoV

Activate Windows

You are viewing Snehil Gupta's screen View Options

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Snehil Gupta

Kuldeep Singh Sunilkumar...

Center For Basic... Kallol K Ghosh Snehil Gupta

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Background Font Color Text Color Text Size Text Style Picture Shapes Text Box Arrange Quick Styles Shape Outline Design Ideas

Common psychological issues among the university students (& teachers) amidst CoVID-19

DR SNEHIL GUPTA, MD (PSYCHIATRY) (AIIMS, DELHI), ASSISTANT PROF, DEPT OF PSYCHIATRY, AIIMS BHOPAL

Click for add notes

Activate Windows
Go to Settings to activate Windows

प्रथम दिवस मेडिसिनल केमिस्ट्री को समर्पित रहा. प्रथम व्याख्यान जवाहर लाल नेहरू सेंटर फॉर एडवांस्ड साइंटिफिक रिसर्च बेंगलुरु के डॉ. टी. गोविंदराजु का रहा.

कार्यक्रम में डॉ. स्नेहिल गुप्ता (एम.डी. साइबोइड्री), एम्स भोपाल द्वारा प्रारंभ साइबोपैथोलॉजिस्ट इनचूज आंग्ल यूनिवर्सिटी सूरेंद्र नगर अमेडिस्ट पोस्टेड -19 पेडिंगिंग एंड इन्स्ट पेनेडीज नियम में जानकारी दी गई। उन्होंने कोरोना काल में छात्रों व शिक्षकों में बढ़ रहे तनाव व इसके मनोवैज्ञानिक प्रभाव को बताया तथा तनाव से निजात पाने के लिए आत्मिकता उपाहार भी बताया। योग, ध्यान, आयुर्वेदिकता और सज्जनताकता को अपनाकर बढ़ रहे तनाव को कम करने पर ज़ोर दिया।