

**NATIONAL WEBINAR
ON
INSIGHTS INTO FUNDAMENTALS OF CHEMISTRY**
18th-20th June 2020

Organized by
**DEPARTMENT OF CHEMISTRY
C.M.P. DEGREE COLLEGE**
(A Constituent PG College of University of Allahabad)
PRAYAGRAJ
Platform: **ZOOM**

(The webinar will also be broadcast live on YouTube and Facebook.
Meeting links will be sent to registered participants on 17th June 2020.
E-certificates of participation will be issued after the completion of the webinar).

No registration fee.
REGISTRATION LINK:
<https://forms.gle/u39ZXWnDSmut38fd6>
Last Date for Registration: 16th June 2020

ORGANIZING COMMITTEE:

Chief Patron: Ch. Jitendra Nath Singh, President, K.P. Trust, Prayagraj
Patron: Dr. Brijesh Kumar, Principal, CMP Degree College, Prayagraj
Chairperson: Dr. Sunanda Das, Convener, Department of Chemistry, CMP Degree College, Prayagraj
Advisory Committee: Dr. Anil K. Shukla; Dr. Archana Pandey; Dr. Babita Agrawal; Dr. Roll Srivastava; Dr. Arti Gupta; Dr. Santosh K. Srivastava; Dr. Mridula Tripathi
Event Convener: Dr. Pravin K. Singh
Event Coordinator: Dr. Vishal Srivastava
Organizing Secretaries: Dr. Akram Ali & Dr. Arjita Srivastava
Co-Organizing Secretaries: Dr. Dharmendra K. Sahu; Dr. Monika Singh; Dr. Pramod Kumar; Dr. Deepanjali Pandey; Ms. Himani Chaurasia
Joint Secretaries: Dr. Deepa Srivastava; Dr. Praveen Tripathi; Dr. Abhishek Srivastava; Dr. Ashok K. Ranjan; Dr. Ranjeet Kumar
Program Officers: Dr. Punit K. Singh, College Librarian, CMP Degree College, Prayagraj & Dr. Neeta Sinha, Associate Professor, Department of Education & Convener, Library Committee, CMP Degree College, Prayagraj
Special thanks to: Dr. Neerja Kapoor, Convener, Department of Zoology, CMP Degree College, Prayagraj

ABOUT THE WEBINAR:
The whole world today is struggling with a deadly pandemic and all aspects of human life have been affected. Universities, colleges and schools across the globe have been shut down for the past few months and the academic discourses have come to a standstill. In the absence of any physical interactions, it is imperative that the scientific community continues to interact through available alternatives and involve in fruitful conversations and collaborations. This webinar is an effort to bring such academic discussions back to life. The webinar would host eminent speakers from around the country, sharing their insights into the fundamental areas of chemistry. This event would be an opportunity for students and faculty members to revisit and gain fresh insights into some very interesting topics of chemistry. Let us churn the wheels of science back into motion.

INVITED SPEAKERS:

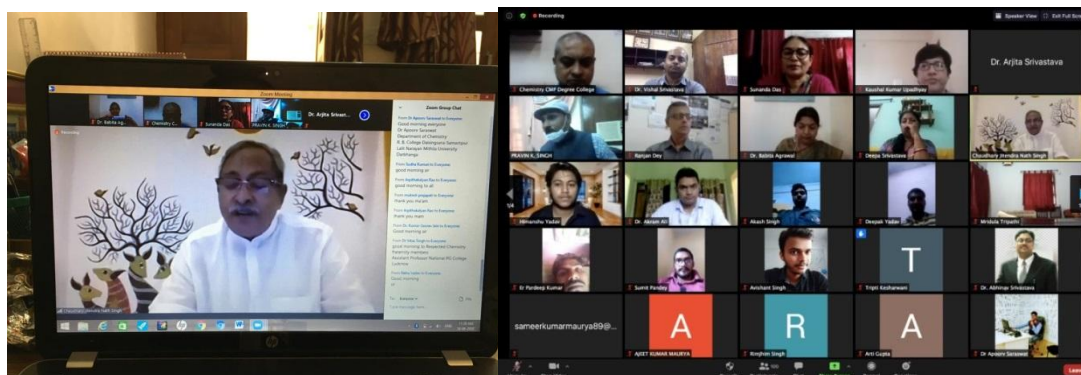
18th JUNE 2020 (11AM-01PM)
PROF. SHEKHAR SRIVASTAVA, DEAN, SCIENCE FACULTY, UNIVERSITY OF ALLAHABAD, PRAYAGRAJ
PROF. I. R. SIDDIQUI, DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALLAHABAD, PRAYAGRAJ

19th JUNE 2020 (11AM-01PM)
PROF. JAGDAMBA SINGH, FORMER DEAN, SCIENCE FACULTY, FORMER HEAD, DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALLAHABAD, PRAYAGRAJ
PROF. A.K. JAIN, DEPARTMENT OF CHEMISTRY, D.D.U. GORAKHPUR UNIVERSITY, GORAKHPUR

20th JUNE 2020 (11AM-01PM)
PROF. K.K. UPADHYAY, DEPARTMENT OF CHEMISTRY, BANARAS HINDU UNIVERSITY, VARANASI
PROF. RANJAN DEY (FRSC, U.K.) DEPARTMENT OF CHEMISTRY, BITS PILANI, K.K. BIRLA GOA CAMPUS


For queries:
Contact- 9415283887/ 7007632189/ 9621200450/
7007797419/9335155007
or send your queries to
n.webinar20@gmail.com

National Webinar On Insights Into Fundamentals Of Chemistry: 18th-20th June 2020



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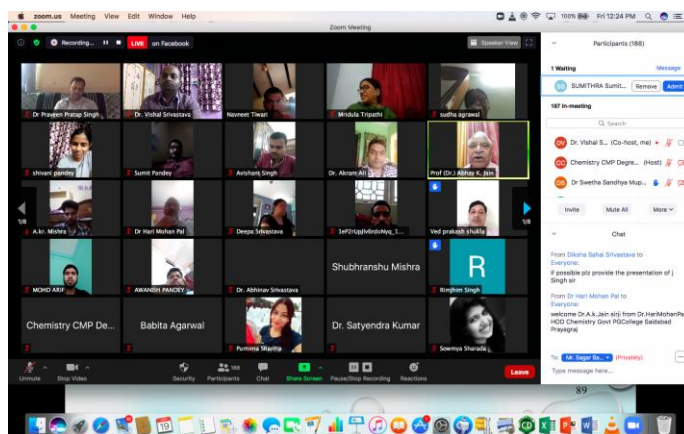
Fritz Haber (1868-1934)



Nobel Prize in Chemistry
1918 "for the synthesis of ammonia from its elements"

NOBEL PRIZE 1918

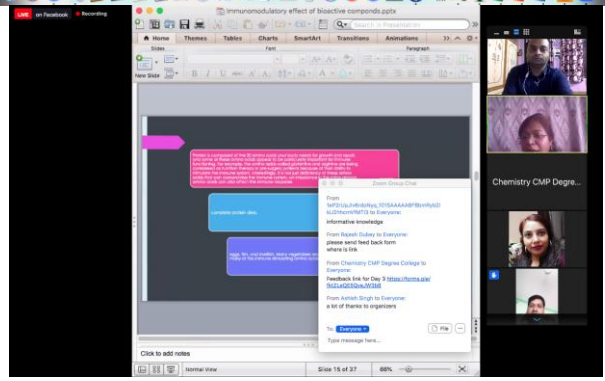
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Zoom Meeting | Meeting ID: 898 898 898 | Participants: 18

Participants (18):

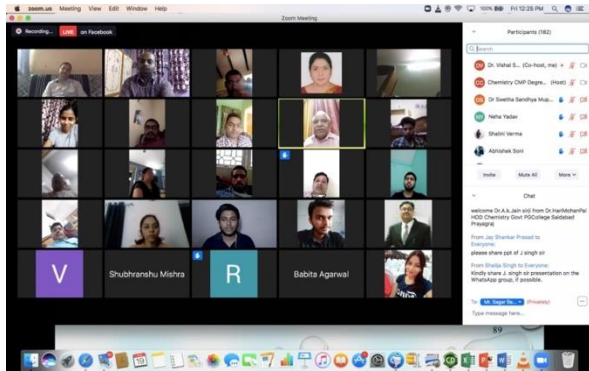
- Dr. Vishal S...
- Chemistry CMP Degre...
- Dr. Sneha Sandhya Mus...
- Dr. Har Mohan Pat...
- Shubhanshu Mishra
- Dr. Sateendra Kumar



Zoom Chat Window

From Sneha Sandhya Mus... to Everyone: if possible pls provide the presentation of Singh sir

From Dr. Har Mohan Pat... to Everyone: welcome Dr. A. J. Jain sir from Dr. Har Mohan Pat... HCU Chemistry Dept. PG College Bahadur Prayagraj





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- Dr. Har Mohan Pat...
- Shubhanshu Mishra
- Babita Agarwal

W. Dielthy postulated bridged structure for diborane in 1927

Diborane
Figure 1. The structure of diborane

- But there was neither theoretical basis nor any experimental confirmation of this structure.
- In 1940 H.C. Longuet Higin proposed the theoretical consideration for Bar electron- 3 center bond (2e-3c bond).
- In the octet theory of bonding a chemical bond means 2 electron- 2 centre (2e-2c bond).

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Technical Assistance: **Dr. Neerja Kapoor**, Convener, Department of Zoology, CMP Degree College, Prayagraj.