

SERB SPONSORED
ONE DAY NATIONAL SEMINAR
ON

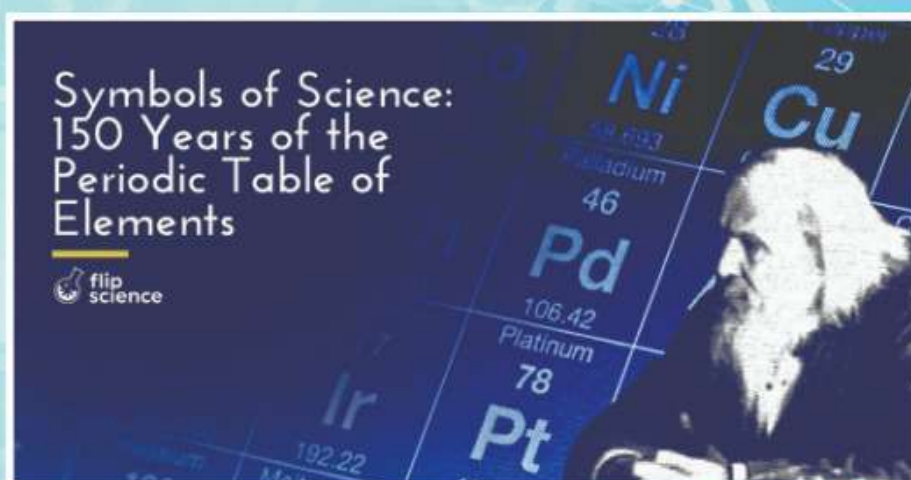
**“THE DEVELOPMENT OF CHEMISTRY HOUSE
ON THE PILLAR OF PERIODIC TABLE:**

Celebration of 150th birthday of periodic table”.

15th November, 2019

Organized by :

Department of Chemistry
P. K. College, Contai



Venue: Vivekananda Bhaban, P. K. College, Contai

Invitation

Respected Sir, Madam,

It is an immense pleasure to announce that the Dept. of Chemistry, P. K. College, Contai, is going to organize an one day national seminar on focal them entitled "The development of chemistry house on the pillar of periodic table: The Celebration of 150th birthday of periodic table" on 15th November, 2019. Renowned resource person of repute from different Institutions of all over the India, will glory the seminar with their valuable lectures and enlightening presentation.

We cordially invite you, your collages, research scholars and students to attain the seminar. Your august presence and active participation to this seminar is highly solicited.

With regards,

*Dr. Amit Kumar De
Principal, P. K. College, Contai*

*Dr. Tithi Maity
Dr. Suman Samai
Joint Organizing Secretary, P. K. College, Contai*

Seminar organizing committee:

Chief. Patron: **Mr. Soumendu Adhikary**, Honorable President, of the Governing Body, P. K. College, Contai and Chairman Contai Municipa

President: **Dr. Amit Kumar De**, Principal, P. K. college, Contai

Joint Convener:

Dr. Tithi Maity, Assistant Professor and Head Dept. Of Chemistry, P. K. College, Contai

Dr. Suman Samai, Assistant Professor , Dept. Of Chemistry, P. K. College, Contai

Organizing Members:

Dr. Pravat k Roy, Associate Prof. Dept. of Chemistry, P. K. College, Contai

Dr. Bidyut. K. Senapati, Assistant Prof. Dept. of Chemistry, P. K. College, Conta

Dr. Alok Ghosh, Assistant Prof. Dept. of Chemistry, P. K. College, Contai

Dr. Debsankar Das, Assistant Prof. Dept. of Chemistry, P. K. College, Contai

Dr. Malay Dalai, Assistant Prof. Dept. of Chemistry, P. K. College, Contai



Details of Sessions:

Session-1: (8.30 a.m. to 1.00 p.m.)

Registration: 8.30 a.m. to 10 a.m., Inaugural sessions: 10.00 a.m. to 11.30 a.m.

1. Inauguration and Inaugural address by: **Mr. Soumendu Adhikari**, honorable President, Governing Body, P. K. College, Contai.
2. Welcome address by: **Dr. Amit Kumar De**, Principal, Prabhat Kumar College, Contai
3. Convener's address by **Dr. Suman Samai**, Assistant Professor, Dept. of Chemistry, P. K. College, Contai
4. Key note address by **Prof. Akhil Ranjan Chakravarty**, Professor, department of inorganic and physical chemistry, Indian Institute of Science, Bangalore.

Technical session 1: 11.30a.m – 1.30 pm

Session Chair: **Prof. Akil ranjan Mukjerjee**, FASc, FNA, FTWAS, JC Bose Fellow Honorary Professor and Former Chairman, Dept. of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore

Speaker 1: Prof. Samaresh Bhattachariya, Prof. Dept. of Chemistry, Jadavpur University

Speaker 2: Prof. Pradyut Ghosh, Senior Professor, Department of Chemistry, IACS, Kolkata

Speaker 3: Prof. Ashutosh Ghosh, Honorable Vice Chancellor, Rani Rashmoi Green University.

Lunch Break: 1-30 p.m. to 2.00p.m

Technical Session –II: (2.00 p.m. to 3.20 p.m.)

Session Chair: Prof. Samaresh Bhattachariya, Prof. Dept. of Chemistry, Jadavpur University

Speaker 1: Prof. Debasish Roy, Prof. Dept. of Chemistry, IIT, Kharagpur

Speaker 2: Prof. Malla Reddy, Prof. dept. of Chemistry, IISER Kolkata

Paper presentation:3.30pm-4.10pm : research Scholar and faculty members

Parallel Poster Session : Student and research Scholar only

Valedictory Session and a short cultural Programme : 4.15 – 4.45

Prize Distribution, Vote of thanks:

Important Details:

Submission of Abstract and full paper for poster and paper presentation: 15th October, 2019

Submission Guideline: Title: 12pt, Bold, Authors Name, Designation, Affiliation in 10pt, regular. Line

space for text: 1.5, alignment: Justified Best Poster and Best paper presentation will be awarded

Poster size: 1 meter x 1 meter

Presentation time will be five min

Registration fee (Without Accommodation):

Students: 150/- and research Scholar and Faculty Members: 400/-

All the Correspondence may be made to-

Dr. Tithi Maity, Assistant Professor and Head Dept. of Chemistry, P. K. College, Contai

Email: madurgapkc@gmail.com

Mob No: 7908864532

&

Dr. Suman Samai

Email: suman2iit@gmail.com

Mob No: 7872585251



About the College:

Prabhat Kumar College, Contai was established in the year of 1926. It is the oldest college of Purba Medinipur District. This college is located at the heart of the Contai town. Initially the college was started as a arts college under the affiliation of Calcutta University. In 1985 the affiliation of the college was changed from University of Calcutta to Vidyasagar University. Now it offers under graduate, Post graduate courses in arts, Sciences, and Commerce Teacher training.

About the Seminar:

The discovery of periodic table, the key word of chemistry had brought a revolution in the world of chemistry. From that day to today it is always seen that the periodic table stares down from the walls of just about every chemistry lab. The credit for its creation generally goes to Dimitri Mendeleev, a Russian chemist who in 1869 wrote out the known elements (of which there were 63 at the time) on cards and then arranged them in columns and rows according to their chemical and physical properties. In fact, German chemist Johann Wolfgang Döbereiner noticed peculiarities in groupings of elements as early as 1817. In those days, chemists hadn't yet fully grasped the nature of atoms, as described in the atomic theory proposed by English schoolteacher John Dalton in 1808. In his New System of Chemical Philosophy, Dalton explained chemical reactions by assuming that each elementary substance was made of a particular type of atom. Dalton tried to create a table as well as some rather interesting symbols for the elements (they didn't catch on.). Legend has it that Mendeleev conceived and created his table in a single day: February 17, 1869.

After this wonderful invention all the branches of chemistry started their development sustaining their own style. Mendeleev short out the elements on the basis of their physical properties. Not only had that Mendeleev left space for the unknown element. Even more amazingly, he accurately predicted the properties of the missing elements. After identifying the same properties attaining element, the explanation related to chemistry became easier in front of us. His law revealed profound familial relationships among the known chemical elements — they exhibited similar properties at regular intervals (or periods) when arranged in order of their atomic weights — and enabled Mendeleev to predict the existence of elements that had not yet been discovered. His table finished the transformation of chemical science from the medieval magical mysticism of alchemy to the realm of modern scientific rigor. 2019 is the 150th birthday of this echoing discovery of Mendeleev. The United Nations have proclaimed 2019 to be the International Year of the Periodic Table of Chemical Elements (IYPT 2019) to mark the 150th anniversary of the wonderful invention. As a chemist we want to celebrate this year through various discussion and interaction among some eminent personality and student and research scholar regarding the development of chemistry laying on the cradle of periodic table by arranging a one day national seminar sponsored by SERB.