

RASAYNIKA 2021

Department of chemistry, Academic Affairs and monitoring committee and IQAC in shyam lal college, organised 6 days symposium as **Rasaynika 2021** from 15th to 20th April 2021 under the Guidance of **Dr Arkaja Goswami (Convenor) and Head of the Department**. The annual festival provides the platform to the students to unleash their potential by giving them the best opportunity and allowed the students to unhidden their talent through many activities. More than 120 students participated in the “**Rasaynika -2021-Symposium** “

RASAYNIKA-21 invited many eminent professors and teachers (from 15th to 20th April 2021) to share their thoughts and knowledge with our students. Some are given in the following way:

- **Prof. Rita kakkar**, Professor and Head of Department of chemistry, Dean of sciences gave inaugural lecture on Ancient Chemistry.
- **ProfBalaram Pani**, Principal of Bhaskaracharya college of applied sciences and Dean of colleges delivered scientific talk on innovations using chemistry. He incited to acquire ATAL INNOVATION CENTRE in the college.
- **Dr Chandresh soni**, Chief scientific officer in SRF limited talked about the analytical lab and instrumentation.
- **Dr Jitender Chugh**, Assistant professor, IISER Pune, talked about the NMR and future possibilities of students in IISER campuses.
- **Dr A. K. Bhagi** Associate professor, Dyal Singh College, delivered the motivational speech to the students and teachers.

RASAYNIKA-21, first time in the history of college, provided a digital platform “LIVE” with social distancing norms due to COVID-19, to learn INSTRUMENTATION from skilled speakers. Not only this, some of the students are selected for the future internship in both of the renowned organization.

- Department of Chemistry of our college in collaboration with SRF LIMITED, BHIWADI, organized online “**ANALYTICAL LAB EXPO**” for the students on 19th Apr 21.
- Dr Jitender Chugh from **IISER Pune** talked about the theory and instrumentation and online lab NMR Lab visit on 20th Apr 21.

RASAYNIKA-21 organized many events, which are not only scientific in its approach but also develop better upstanding among the students.

- **Online Quiz competition and Science exhibition** on 17th Apr21,
- **Creative Animated cartoon video competition** on 16th Apr 21,
- **Animation movie cartoon competition** on the “solar light harvesting to recharge car of tomorrow”. (20th Apr 21).
- To be more Artistic as **Chem-tok Competition** 18th apr21

RASAYNIKA-21 provided the opportunity to showcase writing, singing and acting ability of the students.

- **Essay writing competition** on one of the subject of global interest “ How chemistry is contributing in fighting against COVID-19”.15th Apr 21)
- **E-poster competition** on the different important subjects such as single use of plastics, organic agriculture, sustainable chemistry, importance of IPR in chemistry, (19th Apr 21)

Last but not the least, as per the saying, "**Brains, like hearts, go where they are appreciated.**" --Robert McNamara, Various prizes (first, second, third) and consolation prizes (first, second, third) were given to all the winners participated in above mentioned activities.

Dr Arkaja Goswami

Head of Department (Chemistry)

Academic Affairs and monitoring committee (Convenor)

IQAC(member)



Rasaynika - Day 5



Analytical SRF lab Expo, Scientific e-poster 19 - 04 - 2021

Analytical Facilities in CTG/R&D

- **Color comparator:** Used for determination of color in any solution. Comparison is done with the standard color disk and reported as Hazen color. Limitations : Only for liquids.



Lecture and Lab Expo
Dr. Chandresh Soni
Manager

Analytical Facilities in CTG/R&D

- **UV-Visible Spectrophotometer :**



Analytical Facilities in CTG/R&D

- **Ion meter :** Used for inorganic ions (Chloride, Fluoride, ammonium etc.) Various types of electrode used in the instrument and interchangeable. Limit : 1 ppm to 3 level.



Analytical Facilities in CTG/R&D

- **IR Moisture analyzer:** Used for determination of Moisture and residual solvents. Limitations : Low melting solids can't be analyzed for residual solvents and water.



Analytical Facilities in CTG/R&D

- **Flash Cum Prep HPLC :** Used for purification of compounds and was than characterized by Mass Spectrometry.



Recording...

You are viewing Ajay Pratap Singh Chem's screen

View Options



Rasaynika - Day 3



Scientific talk + Innovative experiments
17 - 04 - 2021



Chief Guest – Prof. Balram Pani
Dean of Colleges,
Bhaskaracharya college of applied sciences
University of Delhi

Unmute

Start Video

Security

Participants 43

Chat

Share Screen

Pause/Stop Recording

Reactions

More



Rasaynika - Day 2

16 - 04 - 2021

Scientific Animated Chem-Cartoon

Creative Animated Chem-Cartoon Video Competition Rasaynika-2021

Organized by Department of Chemistry & IQAC, Shyam Lal college, University of Delhi

Participants will get various prize and certificate

16-04-2021 3 pm onwards

Patron: Prof. Rabi Narayan Kar, Principal, SLC

Co-ordinator: Dr. Ajay Pratap Singh, Dept. of Chemistry, SLC

Convenor: Dr. Arkaja Goswami, Teacher In Charge, Dept. of Chemistry, SLC

Topics of video

- Prevention from Covid-19
- Chemistry in daily life
- Green Chemistry: Benign by design
- Solar light-harvesting to recharge the car of tomorrow.



Recording...

You are viewing Ajay Pratap Singh Chem's screen

View Options



Rasaynika - Day 1

Scientific talk



15 - 04 - 2021

Zoom

Rasaynika-2021 ...



Shyam Lal College
Department of Chemistry
In collaboration with the
Department of Chemistry
University of Delhi
presents
Rasaynika 2021



ESSAY WRITING COMPETITION

During the month of November 2021, Annual Fest, the Chemistry, Shyam Lal College, the department is organizing an Essay Writing Competition on one of the subjects of "New Chemistry is Contributing in Fighting Against Global Warming".

Submitted essays will be judged by the department faculty. The best essays will be given to all the participants.

Necessary particulars:

- Essays should be submitted by email.
- Entry can be made till 15/11/2021.
- Maximum word limit is 1000 words.
- Content of the essay can be related to any of the following topics.

All the interested participants can contact the department at rasaynika@chem.slc.edu.

Prof. Rishi Mehta (Coordinator)

Chief Guest – Prof. Rita Kakkar FRSC
Dean of Science
Head, Department of Chemistry

Unmute Start Video Security Participants 44 Chat Share Screen Pause/Stop Recording Reactions More



Rasaynika - 2021

Organized by
Department of Chemistry & IQAC
Shyam Lal College
University of Delhi



Creative Animated Chem-Cartoon Video Competition Rasaynika-2021



Organized by
Department of Chemistry & IQAC
Shyam Lal college
University of Delhi

Topics of video

- Prevention from Covid-19
- Chemistry in daily life
- Green Chemistry: Benign by design
- Solar light-harvesting to recharge the car of tomorrow.

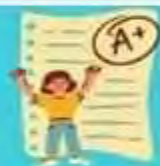
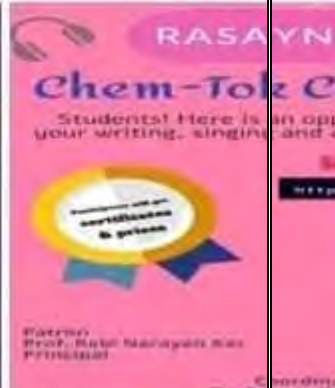
Patron
Prof. Rabi Narayan Kar
Principal, SLC

Co-ordinator
Dr. Ajay Pratap Singh
Dept. of Chemistry, SLC

Participants will
get various prize
and certificate

16-04-2021
3 pm
onwards

Convenor
Dr. Arkaja Goswami
Teacher In Charge,
Dept. of Chemistry, SLC



ESSAY WRITING COMPETITION

15TH APRIL 2021
3:00 PM ONWARDS



During the upcoming Rasaynika 2021, Annual Fest, Department of Chemistry, Shyam Lal College, the department is organizing an Essay Writing Competition on one of the subjects of global interest **"How Chemistry is Contributing in Fighting Against COVID-19"**. Selected essays will be read by the respective participant in the online event. Certificates will be given to all the participants and fascinating prizes will be given to all the awardees.



Necessary instructions:

- Entries should be supported by name, roll number, course & department.
- Essay can be hand written/typed in Microsoft Word in English language. Maximum word limit is 1000 words.

Content of the essay can be related to any aspect of the mentioned topic. Relevant pictures, diagrams, flowcharts, statistical data can be added.

