

REPORT OF THE ACTIVITY

Department of Chemistry (2020-2021)

Activity-1

1. Title of the activity : Inaugural Lecture of Chemistry Society

2. Date of the activity: 20th November, 2020

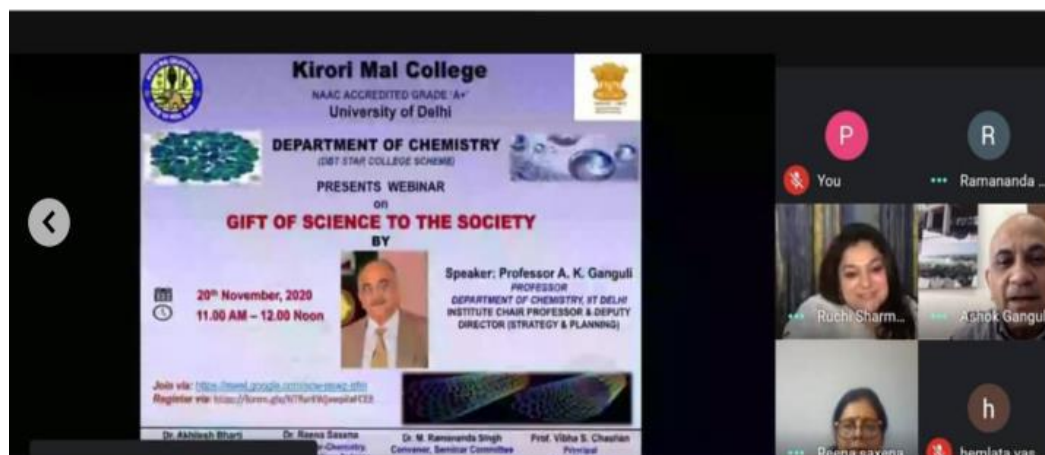
3. Organising Department: Department of Chemistry

4. Resource Persons: Prof. A.K. Ganguli, Deputy Director (IITD)

5. Few lines about the activity: (Include number of attendees)

Prof. A.K. Ganguli deliberated his talk on important contributions of Science to the Society and the society is benefited with new invention of technologies by the Scientists across the globe. He also discussed about how important the science is transformed into the technologies so that it helps us to live better life and he also mentioned that Science is not just about knowledge and funding, but most importantly about passion and how important it is to channelize one's time and focus toward something productive and innovative.

6. Pictures of Poster/s, Permission letter from the college, Snapshots (1 or 2), any other related document (Maximum 5 pictures)



7. List of Students attending the activity, if any Attendance). You can provide a separate excel file with the title of the activity .

8. Any certificate given (Scanned copy of 1 or 2)

Activity-2

1. Title of the activity : Popular Lecture: Innovative Solutions of Chemistry for Better Health Care

2. Date of the activity: 8th of February 2021

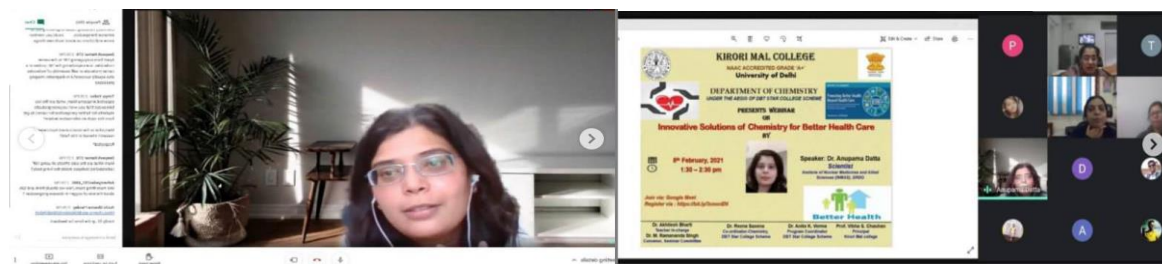
3. Organising Department: Department of Chemistry

4. Resource Persons: Dr. Anupama Dutta, Scientist at Institute of Nuclear Medicine and Allied Sciences (INMAS), DRDO

5. Few lines about the activity: (Include number of attendees)

Dr. Anupama Dutta gave an interesting lecture on the necessity of early diagnosis of diseases and how the recent innovations in chemistry is contributing to that cause. In the field of oncology, certain situations arise wherein diagnosis using conventional imaging techniques is not sufficient and this is where the role of nuclear medicine techniques come into play, like F(18)-FES PET, which is most extensively and frequently used in clinical studies.

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Activity-3

1. Title of the activity : Online Poster Making Competition on Lab Safety or Waste Disposal Techniques in Laboratories

2. Date of the activity: 16-19 February, 2021.

3. Organising Department: Department of Chemistry

4. Resource Persons: No resource person invited

(if invited, with affiliation)

5. Few lines about the activity: (Include number of attendees)

A total of 22 participants took part in the competition out of which three winners were selected on the basis of likes and comments on their posters posted on our instagram page. Students participated in the competition whole-heartedly and we observed a glimpse of their creativities in the event. All the winners were awarded with merit certificates and a book of former president of India, Mr. A.P.J. Abdul Kalam: The ignited minds and all the participants were awarded with the participation certificates. By and large, the event turned out to be a huge success with brilliant involvement of the students.

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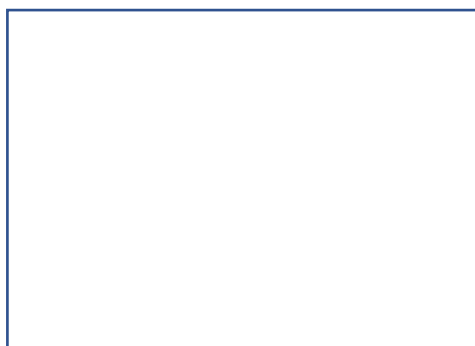
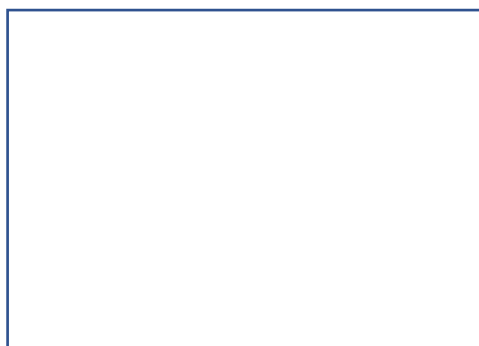


Photo 1

Photo 2

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Activity-4

1. Title of the activity : 3rd National Conference on Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2021)

2. Date of the activity: 4-5 March, 2021.

3. Organising Department: Department of Chemistry

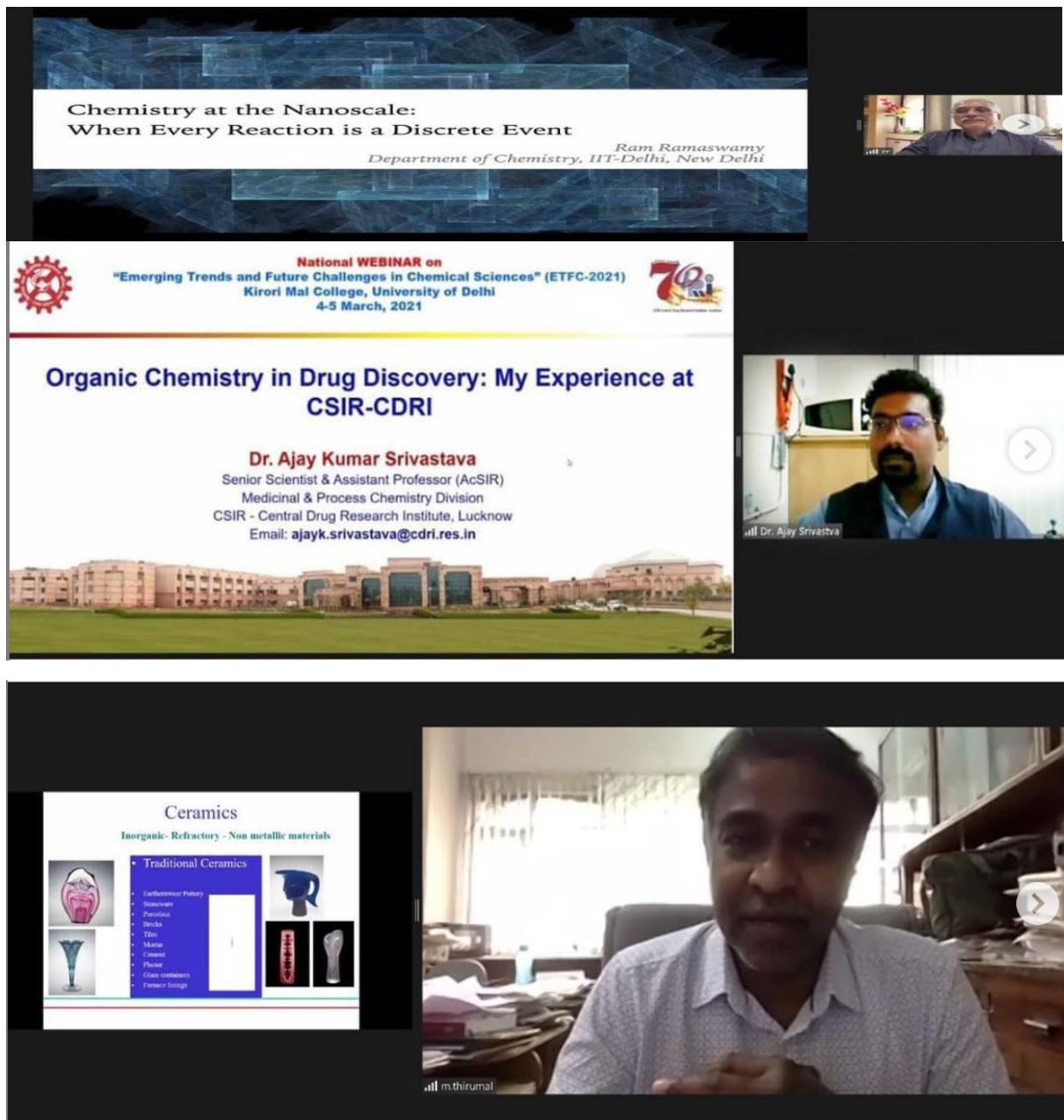
4. Resource Persons: 1. Prof. Ramakrishna Ramaswamy, IIT Delhi, 2. **Dr. Ajay Kumar Srivastava**, CDRI, Lucknow, 3. Dr. Jeetender Chugh, IISER, Pune, 4. Prof. M. Thirumal, Department of Chemistry, University of Delhi.

5. Few lines about the activity: (Include number of attendees)

The event was started with an inaugural welcome addressed by Dr. M. Ramananda Singh, Convener, Seminar Committee and our Principal, Prof. Vibha Singh Chauhan graced the occasion with the warm welcome of invited speakers, faculty members and students to the event. Dr. Kalpana Bhrara, one of the seniors most faculty members in the department addressed the participants. The first technical session was chaired by Dr. Shalini Baxi and Dr. Ruchi Sharma and Prof. Ramakrishna Ramaswamy, IIT Delhi gave an interesting lecture on the topic Chemistry at the Nanoscale in the first technical session. Thereafter, remaining invited resource persons delivered their talks on their respective topics. The event was a great success and it ended with thanks to the

invited speakers, our principal, Prof. Vibha Singh Chauhan for her inspiration and organisers and participants.

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Activity-5

1. Title of the activity : Departmental Online Lecture Series:

2. Date of the activity: April 2, 2021.

3. Organising Department: Department of Chemistry

4. Resource Persons: 1. Prof. Kalpana Bharara, Department of Chemistry, Kirori Mal College 2. Prof. Reena Saxena, Department of Chemistry, Kirori Mal College

5. Few lines about the activity: (Include number of attendees)

The first lecture of the event was delivered by **Prof. Kalpana Bharara** on “Data Interpretation” where she shared insights on different approaches used in analyzing scientific data. She also discussed about the various steps involved in the procedure of analyzing data like data preparation, data cleaning and so on. The second lecture of the day was delivered by **Prof. Reena Saxena** on Conceptual approach of presenting Scientific Paper where she began with the importance of doing scientific research and how students can present them by preparing an informative poster. She discussed about various steps involved in making a poster and what things to keep in mind during each step. She also told about things one need to be keen on while preparing the poster. She presented a poster on Green Chemistry made by her students under her guidance and shared minute details that students generally forget while making one. All and all, the event was knowledgeable and interesting with a huge participation by the students from other colleges.

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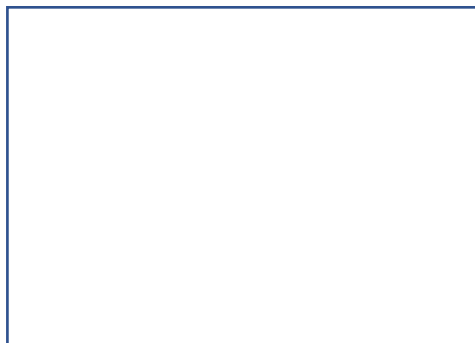
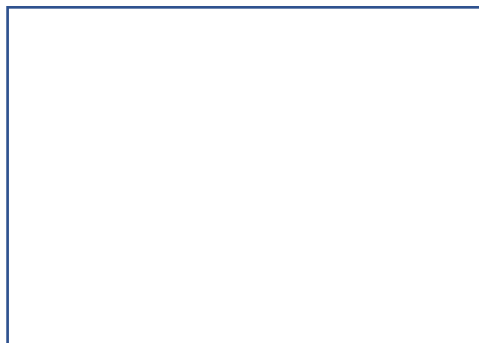


Photo 1

Photo 2

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Activity-6

1. Title of the activity : KHRUSOS'21: KHRUSOS, the annual fest of the Chemistry Department, Kirori Mal College

2. Date of the activity: April 12 to April 14, 2021

3. Organising Department: Department of Chemistry

4. Resource Persons: 1. Dr.SantoshKumarJha (batch of 2001), Principal Scientist & Associate Professor (AcSIR), CSIR-National Chemical Laboratory 2. Miss Priya Vyas (batch of 2003), Editor, Applied Sciences and Engineering, Springer Nature,

5. Few lines about the activity: (Include number of attendees)

Dr.SantoshKumarJha started his talk with some memory of his stay in in KMC. Then he talked about his field of research 'A Journey to Understand the Folding, Function & Diseases of Protein Molecules'.

The second session for the day was started by Avni with her welcome of Miss Priya Vyas (batch of 2003), Editor, Applied Sciences and Engineering, Springer Nature, who delivered a talk on Career in Scientific Publishing. She started with an introduction of herself and of Springer Nature. She then gave a brief overview of her job as a publishing editor and the perks of choosing publishing as a career. She concluded by informing us of the skills required for the job.

Mr. Yousof presented the vote of thanks to the speakers for their kind participation and time. He followed this up with an announcement regarding the games 'The Ultimate Quiz' and 'The Song Association' that were held in the day.

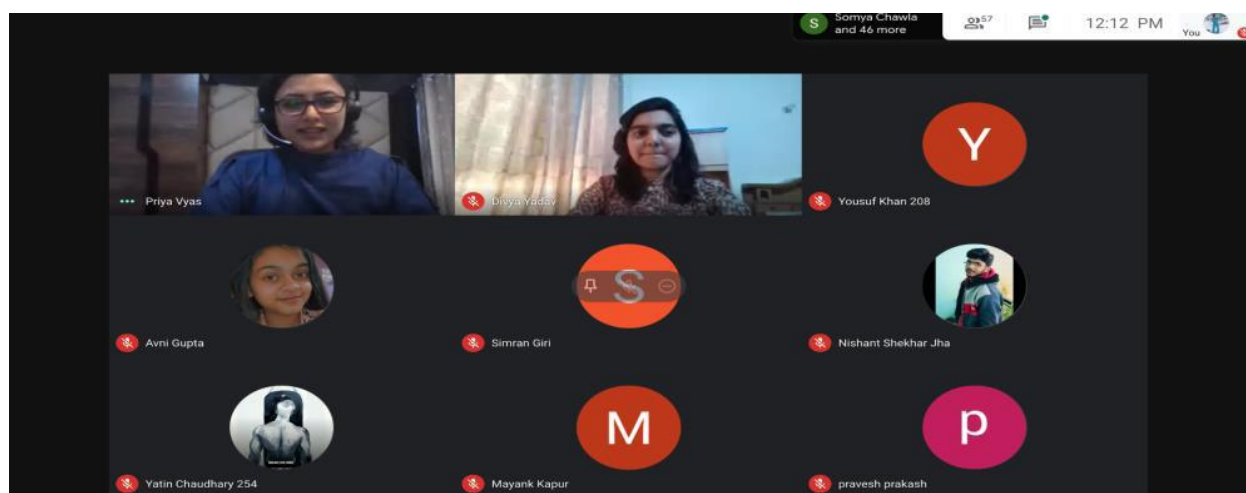
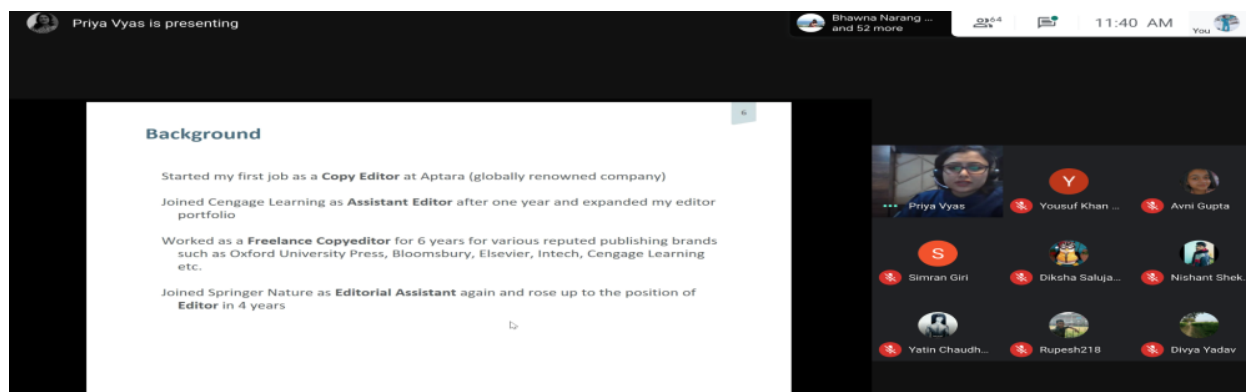
The first session for Day 2 was hosted by Varun who introduced Mr. Rajeev K. Rai (Batch of 2014), who is an integrated Ph.D. candidate at Indian Institute of Sciences, Bengaluru. He shared with us

his journey from his time in KMC, thanking his teachers for giving opportunities in innovation projects and guiding him, which helped develop his scientific temperament and build his interest towards research.

Mr. DeepeshKumar, the **President of Chemistry Society, KMC**, presented the vote of thanks to the speaker for his kind participation and time. This was followed with the announcement of the beginning of the **PosterandPowerPointpresentationcompetition**, which was to be followed by **Chembola. Dr. Ram Sunil Kumar Laljiand Dr. Jai Prakash Chaudhary** were the judges for the poster presentation competition.

Third day was dedicated to the panel discussions with invited resource persons with the students. At the end, Feedback from faculty members and students were taken for future events and the event was concluded.

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