

GOVERNMENT COLLEGE OF EDUCATION, SECTOR-20 D, CHANDIGAH

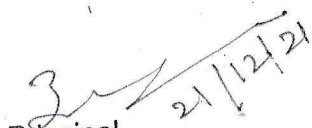
THE COLLEGE SCIENCE CLUB 'NAVONMESH'

REPORT OF THE INTERACTIVE SESSION HELD ON 18-12-2021

The Government College of Education, Sector-20 D **Science Club, NAVONMESH** in collaboration with Indian Association of Physics Teachers **IAPT, RC-3**, (Regional Council-3 for Chandigarh and Himachal Pradesh) organized an Interactive Session in the blended mode on the topic '**21st Century Skills Towards Redefining Science Pedagogy**' for the member students of Science Club of the college on Saturday, 18-12-2021 from 10:15 a.m. to 11:45 a.m. The Resource Person for the said event was a very experienced Science Educator, National Awardee teacher Sh. Paramjeet Singh, Lecturer in Physics at GMSSS-Sector-8, Chandigarh and a committed Life Member of IAPT.

The event started with the welcome of the Resource Person Sh. Paramjeet Singh and the Guest of Honour, Prof. C.N. Kumar, President IAPT RC-3 by our worthy Principal Dr. A.K. Srivastava. It was followed by introduction of the Science Club and theme of the day by Dr. Sanjeev Kumar, Associate Professor and the Convener of the programme. Prof. C.N. Kumar, in his address briefed the audience about IAPT and its activities/ programmes for quality science education and wished this programme a great success in inspiring the students of pedagogy of science. Sh. Paramjeet Singh very aptly contextualized his interactive presentation with NEP-2020 and highlighted the four pillars of quality science pedagogy for the 21st century. He discussed in detail how 24x7 high-quality active science learning is possible through use of various open-source digital tools and platforms widely available for free. He demonstrated the use of 'PhET Simulations' (developed by Colorado University) in visualizing the experiments of Science like Reflection and Refraction of light, Dispersion of Light through prism and electricity and magnetism related experiments for school level. The students enjoyed the session thoroughly and asked many questions to clarify their doubts. He also explained the use of Microsoft tool 'Sway' for interactive teaching learning of Science and demonstrated how an interesting as well as effective digital lesson plans with proper feedback and comprehensive evaluation embedded in it can be prepared using these tools. It was a great learning session for all the student members of the Science Club Navonmesh.

The programme was compeered by Poonam Sharma, B.Ed. 1st Semester student and President of the Science Club. Vote of thanks was proposed by Secretary of the Science Club Umisha Kalia,

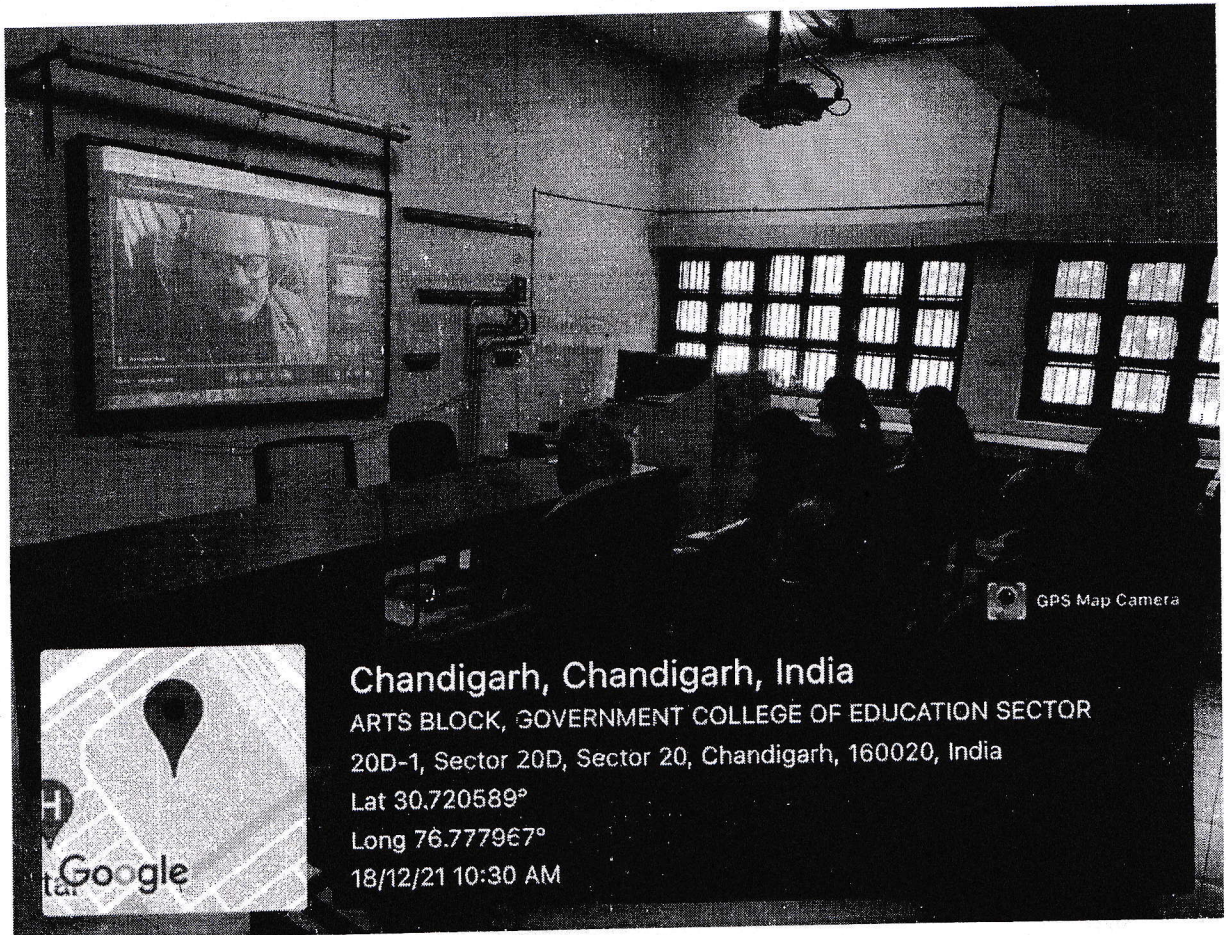

Principal,
Government College of Education



B.Ed. 1st Sem. The programme was co-ordinated by Dr. Sheojee Singh and Dr. Lilu Ram, Associate Professors of Physics of the college.

Some of the photographs and screenshots of the programme are appended herewith.

Sheojee Singh
20/11/2021



Chandigarh, Chandigarh, India

ARTS BLOCK, GOVERNMENT COLLEGE OF EDUCATION SECTOR

20D-1, Sector 20D, Sector 20, Chandigarh, 160020, India

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18/12/21 10:30 AM

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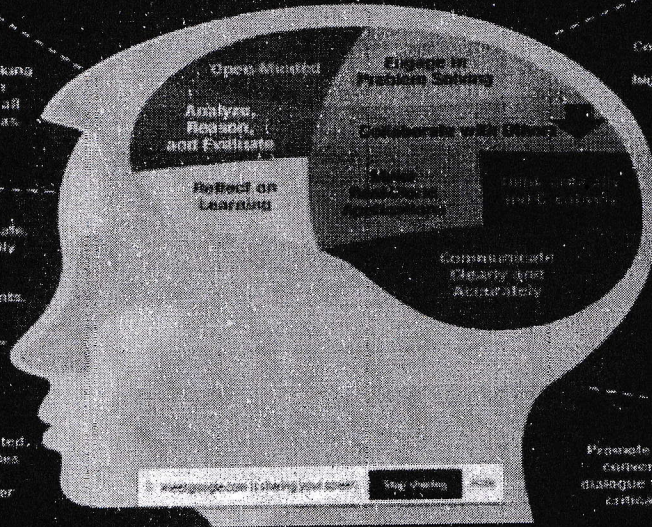
Sheojee Singh

Developing 21st-Century Critical Thinkers

Integrate critical thinking skills within and across all content areas.

Establish safe, intellectually risk-free learning environments.

Provide students with repeated opportunities to practice higher-order thinking.



Consistently cultivate higher-order thinking skills.

Allow time to develop critical thinking skills.

Promote academic conversations or dialogue that foster critical thinking.

Paramjeet is presenting



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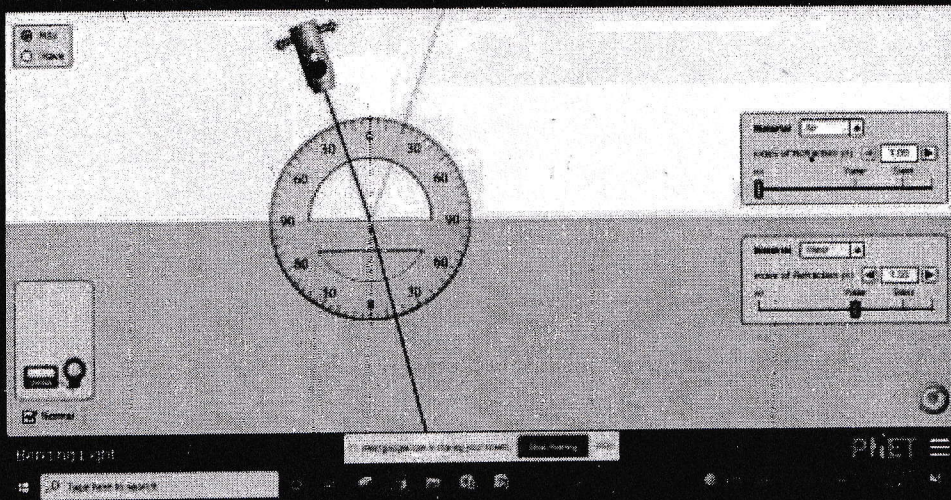
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Paramjeet is presenting



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Paramjeet is presenting



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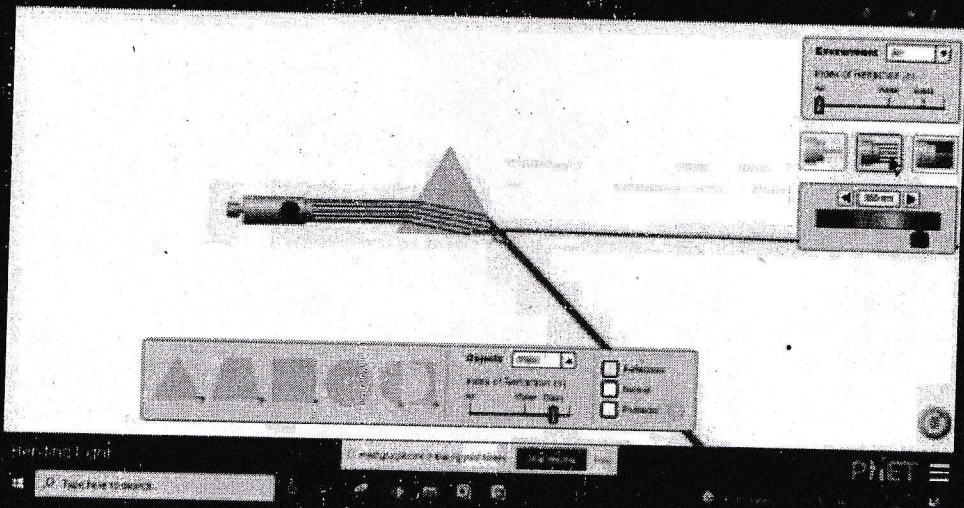
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Paramjeet is presenting



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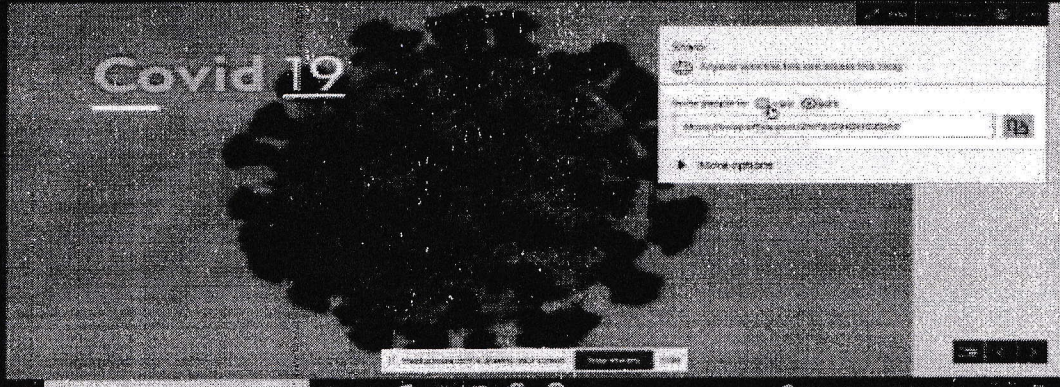
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Paramjeet is presenting



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Navdeep



Sonali



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You



Paramjeet, 29 others



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