

**GOVERNMENT COLLEGE OF EDUCATION, SECTOR-20 D, CHANDIGARH**

**A WORKSHOP on 'SCIENCE BEHIND INDIAN CALENDAR'**

**An Initiative of Jigyasa - The Science Club**

**AUGUST 17-18, 2021**

**A REPORT**

The Science Club of Government College of Education -JIGYASA- organized a two-days workshop entitled "Samvatsar: Indian Calendar" on the topic of 'Ancient Indian Calendar- A Scientific Perspective' from 11:30 a.m. to 12:30 p.m. for all the students and faculty members of the college. On the first day, Convener of the programme Dr. Sanjeev Kumar, Associate Professor in Chemistry, introduced the theme and Principal Dr. A.K. Srivastava welcomed the renowned resource person Mrs. Anuradha Goyal. Ms Simran Khoshla of B.Ed. 2<sup>nd</sup> semester formally introduced the resource person and highlighted the significant contributions made by Ma'm Goyal in this and related areas. About 80 students of the college attended this programme on the first day in online mode. During her presentation, the resource person highlighted the need, importance and scientific principles behind our calendar. She highlighted the comprehensiveness of Indian Calendar and explained how it is based on the movements of Sun and Moon in context of the position of Earth, whereas the Gregorian calendar is based totally on the Solar movements and the Islamic calendar is based on Lunar Movements. Thus, Indian Calendar is extremely scientific and comprehensive based on minute details of the movement of constellations. Students actively participated in the program which was evident from their questions and responses.

On the second day of the program, the learned resource person started with quick recap of the topics covered on the first day and further explained very systematically and scientifically how Tithi, Vaar, Paksh, Sankranti, Maas, Ritu Varsh, Ayan and Muhurta are calculated in Indian calendar. She also explained how the names of months have been given in Indian calendar. The discussion was extremely interesting and uniquely appealing to our students. She also explained the concept of Parv and Brahma Muhurta and their significance in scientific parlance. The session was followed by extensive question-answers from the spell-bound audience. At last a vote of thanks was proposed by Ms Mitanksha Taneja, a student of B.Ed. second semester of the college. The three faculty members of Science Department of the college Dr. Sanjeev Kumar, Dr. Sheojee Singh and Dr. Lilu Ram Jakhar co-ordinated the smooth organization of the program with the students of Science club of the college.

Some photographs/ screenshots of this online program are appended herewith on the following pages.

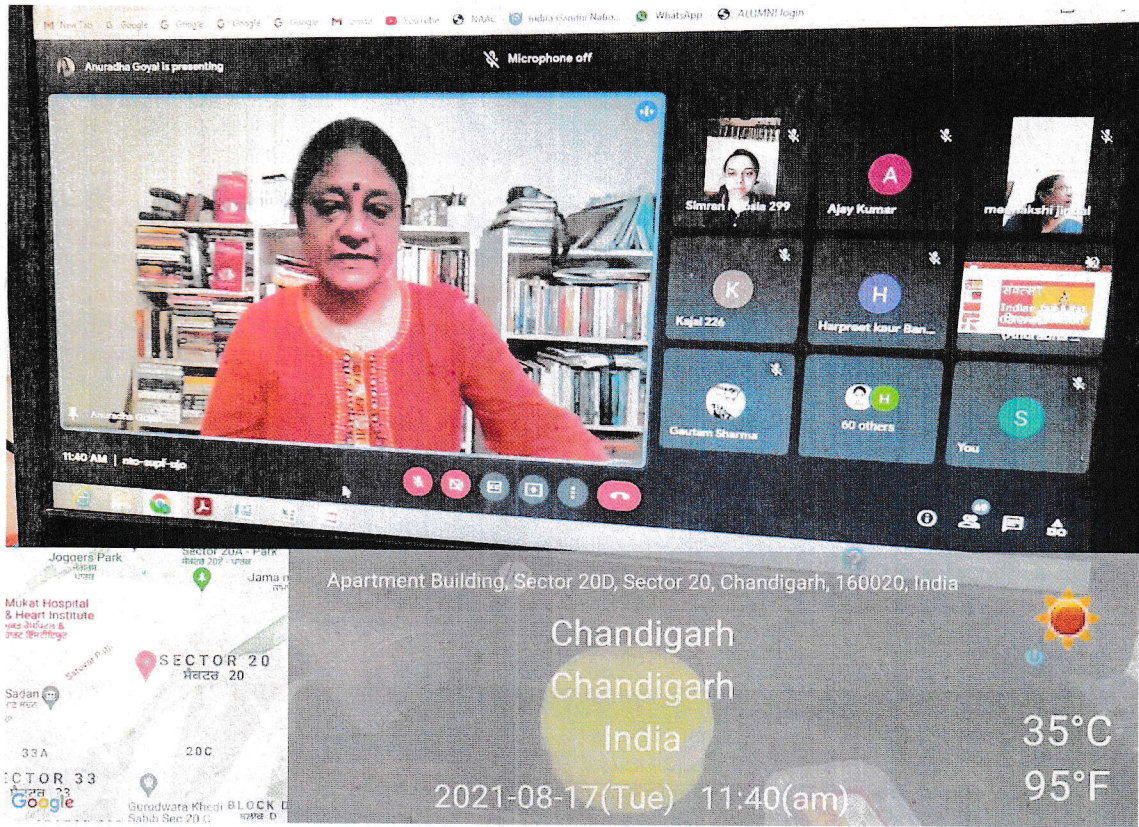
*Sanj 18/8/21*

**Dr. Sanjeev Kumar**

**(Convener)**

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**Principal,  
Govt. College of Education  
Sector 20-D, Chandigarh**

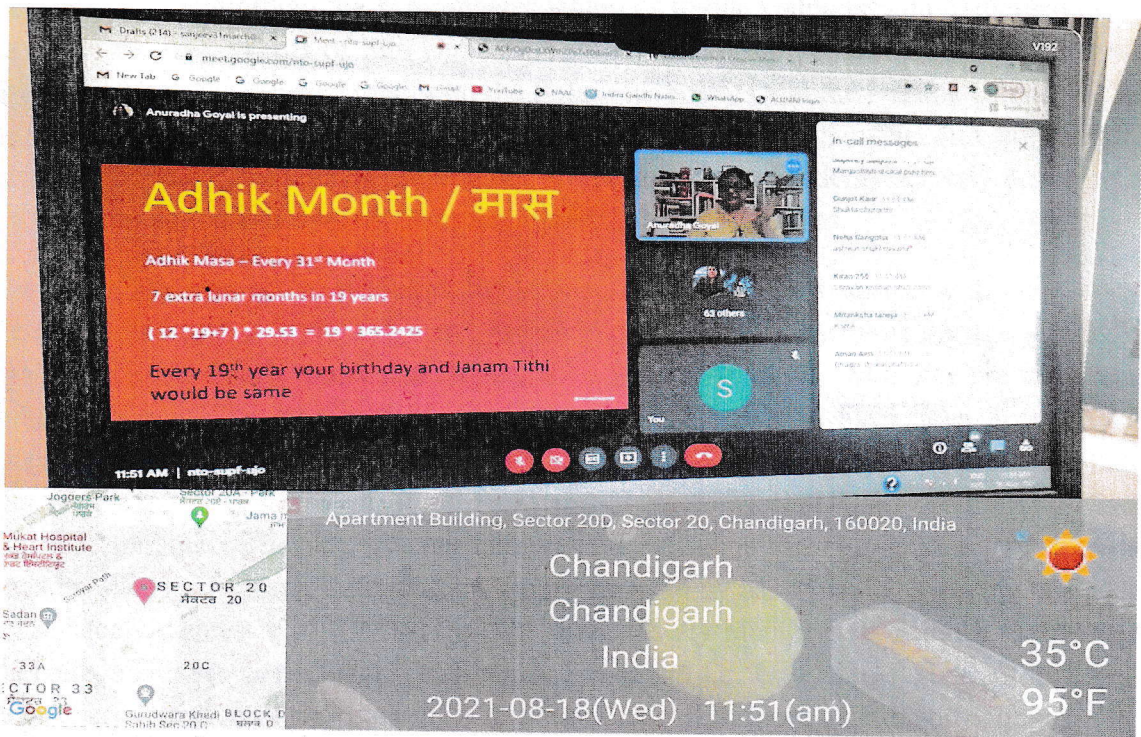
Government College of Education, Sector 20-D, Chandigarh



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