



# चौधरी महादेव प्रसाद महाविद्यालय



## C. M. P. DEGREE COLLEGE

(A Constituent P.G. College, University of Allahabad)

Under the Strengthening Component of DBT Star College Scheme

Website: [www.cmpcollege.ac.in](http://www.cmpcollege.ac.in)

### DBT FEST:

An invited e-lecture was organized by Department of Physics, CMP in a four-day intercollegiate DBT Fest – “Vigyan Sangam” on 20<sup>th</sup> Jan. 2022 in CMP Degree College under the aegis of DBT Star College Scheme, using Zoom platform. On the final day of this four day intercollegiate DBT Fest – a lecture was delivered by Prof A. K. Rai, Former Head, Department of Physics, University of Allahabad. The topic of his lecture was “Spectroscopy: To meet the challenges in daily life”. Prof Rai discussed the various applications of the spectroscopy in daily life. During the lecture Prof Rai explained the basic concepts of various spectroscopic methods, like Raman Spectroscopy, UV-Vis spectroscopy, Laser induced breakdown spectroscopy (LIBS). Further, Prof Rai give the details of the laser induced breakdown spectroscopy its basic principle and applications in various filed. LIBS has its unique feature that can analyse the constituent of any test sample in a single laser pulse. LIBS is useful in the field of archaeology, life science, astrophysics, and many more. Prof Rai discussed the application of LIBS in archology, and life sciences in detail. The inaugural session was started with good wishes and welcome speech by Dr. Brijesh Kumar, Principal, C.M.P. degree College. On this occasion Dr Rohit Kumar, Department of Physics, C.M.P. Degree College has introduced the speaker. Dr Nilesh K Rai, give a brief introduction of the Specker. Dr. Sangeeta Singh, give a vote of thanks. In this event C.M.P. College DBT coordinator Dr. Sarita Srivastava, Dr. Gyan Prakash, Dr. Rekha Srivastava, Dr. Rakesh Kumar, Dr. Atul Singh Bharadwaj, Dr. Ajay Kumar Yadav, Dr. Rajesh Kumar Yadav, Dr. Hari Pratap Bhasker werr present. Many faculties of CMP and other adjoining colleges as well as students attended the session.





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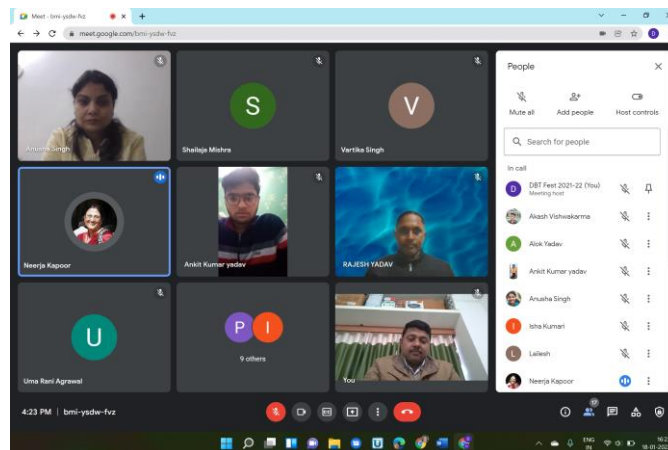
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During the DBT Fest Department of Physics also conducted the online Debate competition on various topics: i) Online Education, ii) Social media brings more harm than good, iii) Can alternate energy effectively replace fossil fuels, iv) All animal testing should be banned, and v) The Carbon net-zero emission challenge.

During the DBT Fest – “विज्ञान संगम” online debate competition on three different topics is conducted. The debate topics were Online Education, Social Media brings more harm than good, Can alternate energy sufficiently relaces the fossil fuels. Students from different disciplines participated and presented their views in favor and against the topic. Eminent persons from different areas of expertise joined the debate to judge the participants. Faculty member Dr. Sangeeta Singh, Dr. Niraj K Singh, Dr. Atul S Bhardwaj, Dr. Shikha Awasthi, Dr. Charu Tripathi, Dr. Gyan Prakash, Dr. Ajay K Yadav conducted the sessions. Dr. Sarita Srivastava, Dr. Rohit Kumar, Dr. Himani Chaurasia were part of the technical team. On the second day of online debate competition on three different topics is conducted. The debate topics were Online Education, all animal testing should be banned and the carbon net zero emission challenge. Students from different disciplines participated and presented their views in favor and against the topic. Eminent persons from different areas of expertise joined the debate to judge the participants. Faculty member Dr. Uma Rani Agrawal, Dr. Neerja Kapoor, Dr. Prem Prakash Singh, Dr. Neha Kumari, Dr Gyan Prakash, Dr. Bishnu Kumar Pandey, Dr. Ajay K Yadav conducted the sessions. Dr. Sarita Srivastava, Dr. Rohit Kumar, Dr. Atul Singh Bharadwaj were part of the technical team.



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