DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR-10

Name of the Programme : Student Seminar

Date of the Programme : 7th March to 16th March 2022

Number of Participants : 50

Hosted by : Department of Physics

Report of Student Seminar

By Students of Semester IV of Physics Department

Department of physics held online student class seminar n Google meet for students of BSc second year (4th semester) from 7th March to 16th March 2022 in class time in which they were instructed to include topics from their unit of Solid State Physics. The seminar was held to discuss the topics and exchange ideas and information regarding it. The seminar started with a brief introduction by Karan Choudhary, which was later followed by the first seminar on the topic, Introduction of Solid State Physics and Periodicity presented by Shrishti Khare, secondly, the topic , Crystal Structure, Lattice Types , Lattice Plane was presented by Avanee Deshpande and Pranali Dhoke, Lattices and Bases was presented by Khushi Gaikwad, the topic Fundamental Translation Vector and Seitz cell was presented by Shankari Khokaley, Unit cell and Primitive Cell was presented by ECG Sudharshan group, Miller indices and Packing Fraction was presented by Angelina Francis, Bravais lattices was presented by Kanak Chaudhari , Coordination Number was presented by Chetna Nerkar , **Interplanar Distances** was presented by Tanaya Kirpan, **Crystal Structures of** NaCl, Diamond, CaCl and Zns was presented by Khusboo Chandravanshi. All the topics were taken from Unit 1 of the syllabus. A doubt session was also held. The seminar was concluded by Dr Aarti Wazalwar on a note of appreciation. She also cleared the doubts of the students and the sessions were very interactive.











