

REPORT
Science Society

One Day Educational Tour to Pushpa Gujral Science City, Kapurthala on 07.02.2026

One day Educational tour to Pushpa Gujral Science City, Kapurthala (Pb) was planned under the Science Society of PGGCG-42 Chd. 48 students with 2 faculty & 2 non-teaching members accompanied the students. We entered the Science City spread over a 2 km area of Kapurthala from Gate Campus to the science explorium & Science Voyage Hall where a movie with deep impact of light sound relating to Jurassic Era was shown followed by simulation of a plane, giving a real-time effect in the plain of 21st Century.

A movie comprising of diversity of life, weather, and seasons all over the world was showcased using laser technology which was very realistic presentation of living diversity on earth including land, water, desert, forest etc. Electric Gallery & Energy Park showcased self-explanatory working interactive models to show live generation of energy using coil of different metals & their movement under influence of electric field

Making our own magnet, electrical molecules with in a protein structures displaying interaction of ionic bonds, Covalent bonds, Hydrogen bonds, Electrostatic interaction models. Also Conduction Through molecules different compounds using different medium like Water, Saline and Citrus Medium, diluted hydrogen chloride.

Earthquake Gallery gave detailed information about earthquake & its types, natural destruction & live feeling by very simulation technique was showcased with interaction and explanation of what to do & what not to do during the earthquake.


Mathematics Gallery was equally interesting and impact-full like other Galleries of Science City. Binary number system, value of zero, sheen, infinity, Pythagoras theorem, hyperbola, trigonometry, fractions, decimals, percentages and permutation.

Medical Gallery showcased simplified mechanism with anatomical, Physiological models. Anti-gravity room, medical gallery showcased anatomy, physiology, conduction to brain, genetics, biochemistry, endoscopes, ECG, CT-Scan, surgical technology, brain structure, uncontrolled cells growth & drug information gallery.

Red, white, Green and industrial biotechnology with varied applications on stem cells biology, genetic engineering were explained with the help of colour-full well labelled charts, HIV virus model was displayed targeting its replications in the host body and its multiplication was explained.

Climate change Gallery was also amazing it highlighted miss conduct of over exploitation of nature by human beings and its consequences on different aspects of climate, forest, wild life, Survival of Poler Bears at Polls of the world. Point of caution, warning and immediate measure issues to address global warming.

Overall the trip gave a full knowledgeable impact to the students and gave them an informative experience. All the students were provided with full day meals and snacks from the refreshment grant of Science Society.


Principal
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