



2019-2020

Name of the Department/Society: **Department of Physics and Electronics/LUMEN**

Name of the Event 7: Field trip to “Vigyan Samagam” at the National Science Center, New Delhi

Date of the Event: 22nd February 2020

A field trip was organised to the first-ever multi-venue, travelling, Mega Science Exhibition “Vigyan Samagam” at the National Science Center, New Delhi on 22nd February’20. The dates of the exhibition was from 21st January to 20th March 2020. It was hosted in a caravan mode at four cities starting from Mumbai, followed by Bengaluru, Kolkata and Delhi. This exhibition was organised with the support of DAE, DST and NCSM. Da

Students from B. Sc (H) Physics and B.Sc (H) Electronics were taken to visit the Mega Science Exhibition. The exhibition highlighted the India’s contribution towards the world’s largest scientific experiments and major fundamental breakthroughs in modern science. All the major Mega Science Projects, working on cutting edge technologies in

- European Organization for Nuclear Research (CERN)
- Facility for Antiproton and Ion Research (FAIR)
- India-based Neutrino Observatory (INO)
- International Thermonuclear Experimental Reactor (ITER)
- Laser Interferometer Gravitational-Wave Observatory (LIGO)
- Square Kilometer Array (SKA)
- Thirty Meter Telescope (TMT)

were showcased for the first time in the world on a single platform. This exhibition also had every day lecture and quizzes.

India’s contribution to the ALICE (A Large Ion Collider Experiment) detector, CMS (Compact Muon Solenoid) detector, WLCG (Worldwide LHC Computing GRID) were displayed in the models and the engineers explained about the performances of these detectors in detailed. The role of India in the development of the cutting edge technology was explained to the students.

This exhibition not only helped industries but also the students in choosing basic science as a carrier option. The trip was meant to deepen the awareness about the exciting world of front-ranking science and technology. The tour gave a great interactive platform in understanding the Universe from micro to macro scales under one roof.



हंसराज कॉलेज
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The details of the event organised by DAE, DST and NCSM is available <https://vigyansamagam.in/>

