

#### 4. Visit to IISc. open day on 29-02-2020, for students of the 2<sup>nd</sup> semester EEE Department

IISc. open day on 29-02-2020 drew a big crowd. BMSIT students from the 2<sup>nd</sup> semester EEE department visited IISc using their own mode of transport although the college busses were full.

The following departments were visited by the students: High voltage engineering (HV), Department of Electrical Engineering (EE), Instrumentation, and Department of Electronics Systems Engineering (DESE).

Students were there from 10.00 am onwards. In HV, there was a demo of breakdown of air under high voltage, which was new to some of the 2<sup>nd</sup> sem students who had not the opportunity to see similar labs before. There was a demonstration of transmission of power through wireless means which was interesting. Models of the power system grid along with SCADA system were on display. In the DESE (formerly CEDT) hardware systems in power electronics embedded systems, VLSI, nanotechnology and solar technology were showcased. The computational power of the IISc. was displayed in the SERC.

Apart from the engineering, the science departments, physics, biochemistry, cryogenic labs etc. showed the materials and equipment needed to do advanced research of the highest standard. The scanning electron microscope views are stunning. Similarly ultra sound and x-ray machines are present.

Mathematics is the queen of the sciences, the department of mathematics also showed interesting work using many posters. They showed applications of maths in technology at work.

The ecological science department showed the use of camera traps used to photograph life in the forest unseen to the human eye. Their study on ants, bees snakes and elephants have thrown light into the mysteries of their lives.

Co-ordinator: Dr. Sanjay Lakshminarayanan, Professor, EEE, BMSIT&M.

Participants: 2<sup>nd</sup> Sem EEE students.

