

# NATIONAL SCIENCE DAY PROGRAM

## REPORT ON RRSC-NORTH, NRSC, ISRO VISIT



On the occasion of National Science Day, our college PIET provided all CRs of B.Tech 1<sup>st</sup> Year an amazing opportunity to visit ISRO.

Seeing a golden opportunity coming our way, we all took it. The big day started when Dr. Lalit Mohan Sir called for a meeting at sharp 9.30 a.m. There he discussed with us some main points about ISRO like what type of experience we'll have there, how we have to maintain the decorum and when are we going to start off our journey. Then, we took some photographs with our HOD Mam, Vinay Khatri and Dr. Poonam Verma at around 9.50 a.m and started off the journey at 10.15 a.m. We reached Delhi at 12. And as usual, there was a lot of traffic in Delhi NCR. Finally, we reached our destination, NRSC, ISRO at 1.20 p.m and then clicked some photographs outside as our phones were not allowed inside regional

remote sensing area. At 1.55 p.m, we all were seated in auditorium. There we met students from various colleges .Almost all of them were pursuing B.tech, most of them were from CSE/IT branch, some were from electrical branch while other were from mechanical, textile,etc. Quite a few were there from [B.SC](#) background. In short, we interacted with a whole bunch of new people all keen to learn, grow and do a lot in future.

Dr. Vinod Kr Sharma welcomed us all and also the very special, Dr B.K Bhadra, Scientist 'SG' and Deputy General Manager of the remote sensing area and then handed over the stage to him. Dr B.K Bhadra's key note lecture started at 2.05 p.m where he told us about so many things with us like- difference in science and technology, Indian science& technology since independence, about scientists that changed the phase of the country, spacecrafts and launch missions, remote sensing areas and applications by taking the example of Saraswati palaeochemical study using EO data, Space science and planetary missions.

Then, he started discussing about the mystery of Mars. He started off by telling the physio-chemical properties of materials on Mars with the help of impressive slides, Then to instill more interest in all of us he started asking some fascinating questions like-Why mars appears red?,Are minerals present there?, Is there any life on Mars?,

He told us about the attempts made by countries to reach success and then discussed about MOM(Mar's orbiter mission) trajectory, payloads and showed us Martian features captured by satellite images. Dr.B.K Bhadra's amazing and interactive lecture ended by 3.25 p.m It was followed by a short lecture on opportunities and challenges in remote sensing by Dr. Vinod Kr. Sharma, Scientist 'SF'. He discussed about remote sensing, GIS, their challenges, opportunities for universities/colleges in the field of RS/GIS with ISRO, success stories- publications with project students and careers in ISRO as scientists/engineers. It ended at around 3.45 p.m which was our 'tea time'. At 4'o clock, we visited exhibition hall where we studied about MOM, INSAT-3D, CARTO SAT, RISAT, ASTROSAT, IRNSS, CHANDRAYAAN, MANGALYAAN, GSLV MKII, PSLV ARYABHATT, ROHINI, GSAT.

What a wonderful experience it was!

Then at 4.20 p.m, we had an interactive program for student participants. It was a great fun, all those questions being put up on the screen and almost everyone raising their hands to eagerly answer the question. ISRO Caps were distributed to the ones who correctly answered the question. Lastly, a vote of thanks was given to Dr. B.K Bhadra sir and we the whole session was ended by 4.40 p.m.

At last, we took some photos with Dr. Vinod Kr Sharma and left for PIET at 5'o clock. We all reached PIET safely at around 8.30 p.m.

Today was one of the best days ever!

**-B.Tech 1<sup>st</sup> Year (2021-22 Batch)**