Jigyasa programme activities at KV AfS Borjhar

❖ **For Teachers**
On 29th and 30th july, 2018 a workshop on Jigyasa programme was conducted at KV RRL Jorhat and CSIR NEIST, Jorhat for teachers of Guwahati Region wherein teachers were made aware of shortcomings of present day education system leading to uninteresting teaching practices such as

- Bombardment of students with facts.
- More teachers less students,
- Time requirement for activity conduction,
- Lots of syllabus to cover and all such factors contribute in uninteresting teaching practices.

To overcome these factors, teachers were introduced with certain interesting techniques and ways which they can use in their classroom to achieve stipulated learning outcomes efficiently. To list a few, we have

- Show Me Board
- Card sorting
- DART: Directed activities related to text
- Concept Maps
- Tarsia Grids

All these activities can be used in classroom teaching to acheive the learning of students by developing scientific attitude in them.

Along with this teachers were given a visit to the labs at CSIR NEIST and were shown the amazing technologies and latest equipment used by scientists to carry out their Research and Development Program which would attract any person's interest.

❖ **For Students**
In further interest of this program, a two day visit of students to CSIR NEIST, Jorhat from various KVs of Guwahati Region was also organized in month of March, 2019 in which 6 students of KV AFS Borjhar also participated. In this visit, the students were made aware of the latest technologies being worked out at our CSIR labs to develop in them interest towards science and scientific innovation and technologies.
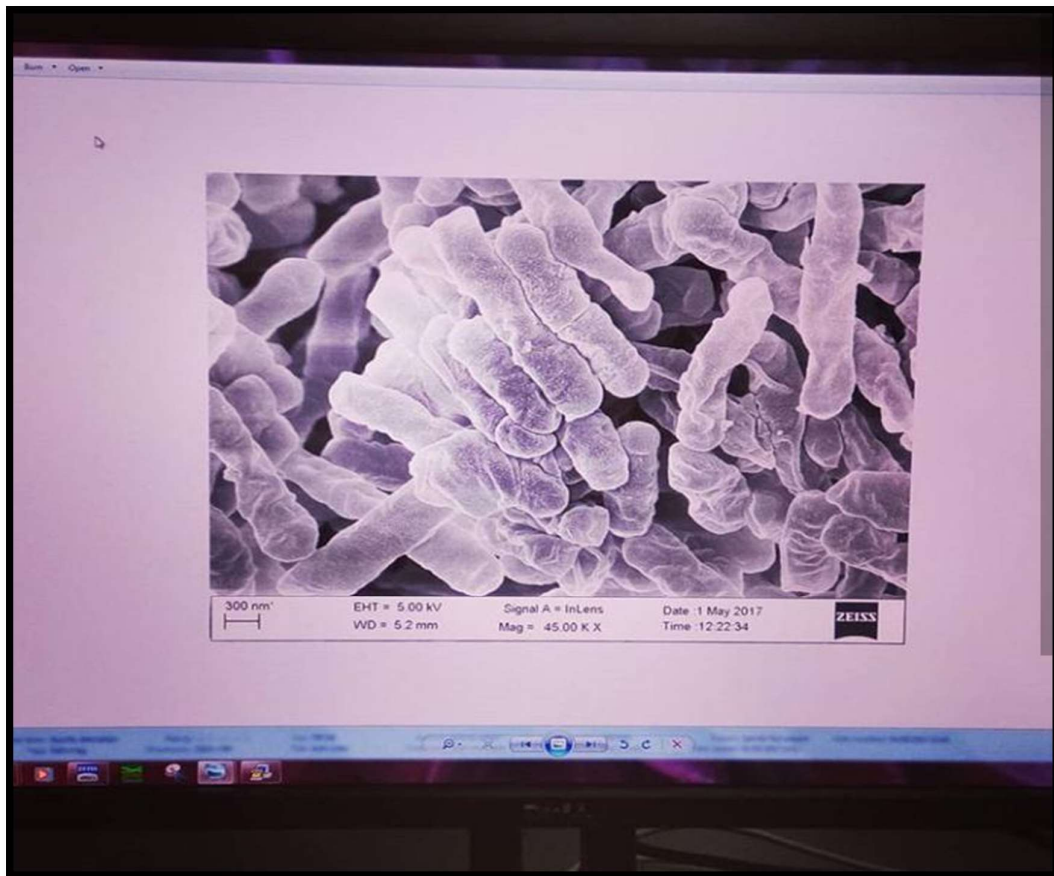
Highlights of this visit:

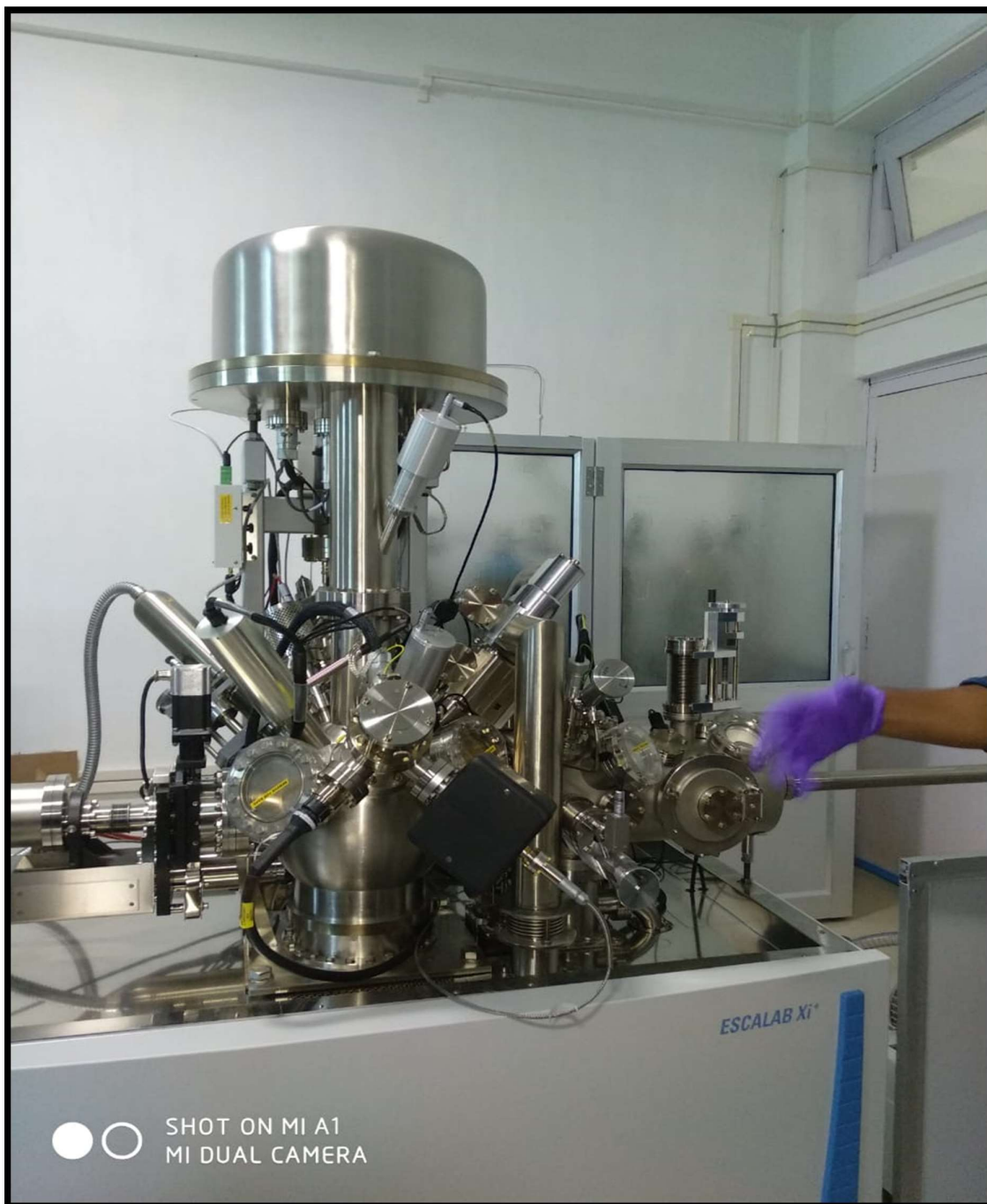1. High Resolution Transmission Electron Microscope

2. Mulliken Oil Drop Experiment Replica

3. *Image of bacteria by FESEM*

4. X Ray Photoelectron Spectrometer

5. Students

With such amazing contribution of KVS and CSIR, it is hoped that this program becomes a massive success in achieving its objectives.