

## **REPORT ON TEACHER'S AWARENESS PROGRAMME AND OPEN DAY**

The programme started on 9<sup>th</sup> June 2018 at 10:30am with Director, Prof. D. K. Avasthi's address.

There were 15 external participants from different schools and colleges and 8 students with their parents for open day

Inaugral lecture was given by Prof. D.K. Avasthi. He also gave a glimpse of the activities going on in Amity Institute of Nanotechnology.



**Introduction and highlights of AINT by Prof. D. K. Avasthi, Director, AINT**



**Prof. D. K. Avasthi explaining the basics of nanotechnology**

This was followed by a tea break in which teachers and students interacted with the faculty of AINT.



**Prof. O.P. Sinha explaining the DC magnetron sputtering setup to the participants**

Thereafter they were divided into three groups for the lab visit and experiment demonstration. The lab visit session was very interactive. Prof. O.P. Sinha, Dr. Ranjit Kumar, Dr. Richa Krishna and Dr. Jagriti Narang along with students, Ms. Payal Manzhi, Ms. Chaitali , Ms. Annu Mishra, Mr. Harsimran Bindra showed all the sophisticated instruments and explained their importance for nanotechnology.



**Dr. Richa Krishna giving the demonstration of X-ray diffractometer**



**Students for open day interacting with research scholars**

The lab visit session was followed by lunch which was arranged in J2-307 for the participants.



**Participants during lunch in J2 307**

After the lunch, the participants were given the demonstration of experiments namely, superhydrophobic surface, synthesis of silver nanoparticles and ZnS based nanophosphor.



**Demonstration of Atomic Force Microscopy by Dr. Ranjit Kumar**



**Prof.O.P.Sinha interacting with students and faculty**

Prof. O.P. Sinha conducted the concluding session. In this session certificates were distributed to the participants and their feedback was taken.



**Participants giving feedback during the concluding session**



**Prof. O.P. Sinha giving vote of thanks**

In the end, Prof. Sinha gave the vote of thanks. This marked the end of one day awareness programme for teachers and was followed by tea.