

## Report - Student Materials Camp 2022- 02 Dec to 03 Dec 22

ASM International Pune Chapter organized Student Materials Camp In association with Metallurgy Department of Government Polytechnic Pune ( GPP) on 2<sup>nd</sup> December and 3<sup>rd</sup> December 2022.

52 Students participated in this unique program. 3 groups of students were made.

Students Material camp aimed to provide a unique opportunity to First year Diploma students to explore & to understand the world of Material Science and see the application & use of Materials in everyday life. This Camp provided the participants with a great fun learning experience to understand the behaviour and properties of Materials.

The Program was inaugurated by Mrs Namita Kadam, HOD Metallurgy Department GPP, Mr D G Chivate, Mr Rahul Gupta from ASM Pune Chapter In Student Materials Camp, Students were showed various experiments on various subjects listed below

1. Pyrometry and calibration of temperature measuring equipment, Sensors by Mr Hemant Zaveri.
2. Corrosion basics by Mr Rahul Gupta
3. NDT Techniques by Mrs Vaijyanti Datar
4. Joining of Metals by Mr Vineet Marathe
5. Heat Treatment of Metals, low, medium carbon and alloy steels, Annealing, Normalizing, Hardening and Tempering by Mr Shrikant Kulkarni
6. Mechanical Testing on steel and Aluminium alloy samples, Tensile, Impact testing and Hardness Testing on standard samples by Mrs Nita Gaykar
7. Metallography and Microstructure of various metals, alloys. Actual practical on samples for polishing, Lapping, Etching by Mr Prashant Pachve

Students were provided with Course Material, ASM Caps and 2 days Breakfast and Lunch.

On the last day participants were asked to present group presentation from all 3 groups.

Valedictory Function was held in GPP. Mr Udayan Pathak, Mr D G Chivate, Mr Rahul Gupta from ASM, Mr Sanket Chikshe from PVG College of Engineering and Mrs Namita Kadam from Government Polytechnic Pune were present.

The certificates of the participation were distributed to the students.

The Student Materials Camp 2022 was coordinated by Mr D G Chivate and Mrs Nita Gaykar.