

#### Online activities at Metallurgy Department

1. **Dr. P K Nanavati** delivered expert lecture at international webinar on **“Welding inspection and approvals”** organised by **Gulf NDE and MSME -PPDC Agra** on 20/7/2020. More than **46** participants attended this webinar from various industries.
2. Arrangement of online virtual lab on **“Corrosion Testing using Potentiostat”** was demonstrated by **Dr. Alphonsa Joseph Palakel**, PSED-Division Head, FCIPT, IPR, Gandhinagar on 22/7/2020. This session was coordinated by Prof. D G Sharma. **48** participants have participated in this session.
3. In association with **IIM baroda chapter**, National free webinar on **“Design of weldments”** was organised by Dr. P K Nanavati and Prof. H H Thakar with advisor Prof. D G Sharma on 27/7/2020. Expert session was delivered by **Mr. Urvesh Vala**, Dy. General Manager, Material Engineering Technology, L& T Chiyoda. More than **200** participants attended the webinar from various institutions like MSU, INDUS, GEC Salem. Anamalai University and reputed industries like BHEL, ISRO, Don Bosco, PICL, NTPC etc.
4. Expert lecture was delivered by **Dr. P.K.Nanavati** on **“Basics of Welding Metallurgy”**, Organised by **MSME PPDC , Agra Extn. Centre Rajkot**, jointly with **GulfNde industrial services**. Total **36** Participants attended the webinar from various Welding Industries.
5. International webinar on **“Industrial NDT, Welding and ASME standards”** was jointly organised by **Gulf NDE and Centre of Quality, Metallurgy Department, GEC Gandhinagar** on 9/8/2020. Session was delivered by **Mr. Vishal Dhameliya and Mr. Ashish Patel**, partner Gulf NDE service Ltd. This session was coordinated by Dr. P K Nanavati . **160** participants attended from more than **50** industries like SGS India, Bharat forge, Sainest tubes, Kelvion india, Essar, DNVGL and various institutions like IIT Kharagpur, IIT Bombay, Mahatma Gandhi institute of technology Hyderabad, MSU etc.
6. Online free webinar on **“Introduction to Ellingham Diagram”** was organised by Prof. M. S. Dani on 11/8/2020 where session was delivered by **Mr. Yakshil B. Chokshi** (Lecturer GP , Rajkot). More than **194** participants attended from various institution like GP Rajkot, GP bhuj, S S Gandhi College surat, MSU, Parul University etc.

#### Upcoming Events at Metallurgy Department

1. Metallurgy Department GEC Gandhinagar in association with Department of **Materials & Metallurgical Engineering IITE, Indus University** is organising an online free webinar on **"Development of Multi - component Phase Diagram -The CALPHAD Approach"** on **17/8/2020** at 10:30 AM to 12:30 PM. Session will be delivered by **Dr. K Santhy**, Associate Professor and Head, Materials & Metallurgical Engineering IITE, Indus University. The event is under coordination of Dr. P K Nanavati and Prof D V Mahant.