

Institute Innovation Council (IIC), IPR
राजभाषा कार्यान्वयन समिति, प्ला. अ. सं., एवं



Plasmatech
Innovation
Foundation

Presents Talk on

UNDERSTANDING PLASMA MATERIALS INTERACTION: FROM FUSION TO MATERIALS PROCESSING

Student Alumni Talk Series

Venue:

Seminar Hall
IPR, Bhat, G'nagar

Wednesday

10 April 2026
15:00 - 16:00 hrs

The talk by Dr. Vivek Pachchigar, an alumnus of IPR - HBNI revolves around his experiences on experimental investigations on plasma materials interactions. His talk would cover topics ranging from materials interaction challenges in Fusion to non-fusion applications such as green processing using hydrogen plasmas for iron ore reduction. The talk would summarize how the underlying mechanisms of plasma induced surface modifications, hydrogen retention and reaction kinetics are essential for advancing complex technologies. The talk shall be specifically beneficial for deeptech innovators, researchers, students and plasmapreneurs.



Dr. Vivek Pachchigar
Post Doctoral Fellow
Univ. of Illinois UC, USA

