



# ME Seminar

## A constellation of small-satellites

Awais Ahmed, CEO, Pixxel

### ABSTRACT

Satellite imaging has revolutionized our knowledge of the Earth, with detailed images of nearly every street corner readily available online. But Pixxel's satellites aim to do it better, do it faster and do it much more affordably by providing a much richer dataset than what is available today. The talk will take you through the story of how Pixxel CEO, Awais started Pixxel in his final year at college, what led to its genesis, what the plans are for the company going ahead and how earth imaging will become as pervasive as GPS in the years to come.

### ABOUT THE SPEAKER

Awais Ahmed is the Founder and CEO at Pixxel, an Indian space-technology startup that builds and operates a constellation of small-satellites to collect, monitor and analyze data through satellite imagery. Awais founded Pixxel in his final year at his university BITS Pilani, with a vision of building a global space-tech company out of India that would contribute meaningfully towards space exploration. Pixxel was the only startup from Asia to be selected for the first batch of 10 startups in Techstars Starburst Space Accelerator in Los Angeles where the team worked with NASA JPL, Lockheed Martin, Maxar and other space stalwarts. Pixxel's first satellite is manufactured and booked to launch in July this year and will be the first private commercial satellite launched from India. Awais was also one of the founding members of Hyperloop India, the only Indian and one of the 24 global finalist teams in the SpaceX Hyperloop Pod Competition where they built India's first ever hyperloop pod and presented it to Elon Musk.



**Feb. 14, 2020, 3:30 pm, AR Auditorium**

Refreshments after the seminar