

IMechE Southern India Panel's Process Industries Meeting, Bangalore.

The Southern India Panel of the Institution of Mechanical Engineers India Branch organized a learned society process industries event on 10th February 2018 at Bengaluru. This was sponsored by the India Centre of the Process Industries Division, which had been launched in Mumbai on 12th January 2018. Thirty industry experts, academia, Chartered Engineers and students across several disciplines participated. Vijay Raman, Southern India Panel Chairman, introduced the speakers and chaired the seminar. Three eminent engineers spoke on a range of topics. –

Jagadish Babu, Design Manager, Atkins India spoke on “*Awareness or Assurance: What is Important in the Water Industry?*” He highlighted the standards in use in the developed world and where practices differed in the case of India.

Piyush Prasad, CEng, MIMechE, Technical Authority for the Mechanical Static Discipline with Shell India discussed a case study on “*Integrity assessment of Atmospheric Storage Tank due to Foundation Settlement*”. He explained the analysis conducted to deal with differential foundation settlement of a major online tank and the measures taken to analyze the problem find a solution and ensure the safe use of the tank without disturbing the process stream.

Sudhanshu Poddar, also a specialist with Shell, discussed the “*Integrity of the Bolted Joint*”. The bolted joint is a piece of engineering that one takes for granted. The speaker described the challenges posed by leakages through a gasketed joint and discussed, from first principles, the crucial design and operational features that are essential to ensure plant safety and operational stability.

There were lively discussions after each lecture.

Prabal Sarma, IMechE’s Principal Regional Adviser - South Asia made a short presentation and provided guidance to the audience on Membership matters. The event concluded with Vijay Raman summing up the principal lessons and explaining why such learning events were useful to Members across sub-disciplines. there was a vote of thanks by Magdhum Basha, Treasurer, Southern India Panel.

IMechE is the fastest growing professional engineering institution, headquartered in the UK. It mentors new talent, helps engineers build their careers, supports professional development, assists in solving engineering challenges that benefit society, improves the image of engineering and represents the profession. It has over 118,000 members in 140 countries in a wide range of industries including railways, automotive, aerospace, manufacturing, energy, medicine, and construction. The Southern India Panel was established in 2017 and has over 300 active members.



Group Photo of the participants, IMechE Learned Society Meeting – Process Industries, Bangalore