New Careers and Opportunities + Young Engineers, Future Thinking, Employment, Innovation, and Entrepreneurship

Bios and Headshots

Chair: Sanket Dhadke, SCALE Co-Chair: Faith Mzandu, WomEng

Description of Theme and Research Question

Employment has taken a toll nearly everywhere in the world. Most professionals have lost their jobs and young engineers are in search of new opportunities in the market. With the entire world affected by a cash crunch, the crisis has also led to financial losses to companies and individuals due to lack of proper planning and preparation for contingencies.

The next word that comes to an individual's mind is, about their future and their security related to job and daily livelihood. With this in place, individuals have started to seek and explore the field in which they can use their knowledge in and see the aftereffect of not being well prepared for certain conditions that can make them fall abruptly.

As a primary step towards this, one can explore the fields of their interest and start preparing towards the same or they can also refine their skills into the existing field they are associated with.

To recover from such huge losses or backlash it takes years. As most pockets are empty and circulation of things is at a standstill. For industries to resume and the work to come back to normal will be a challenging task and must be a planned and skilled activity.

As engineers, we can explore various methods of working environments and ways that will keep us safe and provide nearly the same output as it was before the pandemic. One can also learn from the inconveniences that were caused due to unpreparedness for such a thing and try to find solutions to problems which we faced in the first place.

Young engineers are called to innovate in their practices, develop new skills for a changing work environment, and adapt quickly to the needs of the labor market. It is important that we start a dialogue between active employers, entrepreneurs, and engineers just entering a working society. In this way, we may promote ways to bridge the gap between technical skills taught in university, and new skills required to perform in germinating work opportunities.

There are going to be tremendous opportunities in all fields and mainly in technology related activities as it will be a good hope for all.

Description of Activity

Debate (students, young engineers, and corporate members): Future thinkers will join to discuss: Employment point of view; ideal candidate/ideal employer; innovation in self-employment and

entrepreneurship. Standing discussion tables to advance networking between students/young engineers and corporate members.

Timeslots

TBD