

## Special Word to the W.I.S.E Episode on International Day of Women and Girls in Science

Welcome to the Word to the WISE... A podcast series brought to you by Underwriters Laboratories, a leader in global safety sciences.

We interview remarkable women who have chosen science and engineering as a career and are dedicated to creating a safer, more secure and sustainable future.

On International Day of Women and Girls in Science, Underwriters Laboratories brings you excerpts from our conversations on the Word to the W.I.S.E. podcast with remarkable women who have made their mark in the field of STEM.

They have very important messages for girls or women looking to make a mark in the fields of science and engineering.

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*“Passion and perseverance. So, if you have passion for what you do, then, you know, you can develop the perseverance and you can achieve what you want to do. Those are the two main things I think are very important in life.”*

We just heard from Dr. Judy Jeevarajan is Vice President, Research, Electrochemical Safety Research Institute at Underwriters Laboratories Inc. Prior to that, she spent nearly two decades at NASA space centre in Houston. Dr Judy a global expert in battery safety with a focus on lithium-ion cells.

*“My message to women is, has always been about believing in yourselves. Believing in your inner strength and believing that you can do it. And basically finding that confidence to basically prove to yourself and to the world. That you can do it. I think that is really my message to women. I always tell people if I could do it, you can do too because you know, I was not some extraordinary woman. I was just a plain simple middle-class young girl.”*

That was Dr Kiran Mazumdar Shaw founder of the country's, or perhaps even Asia's leading biotechnology, enterprise Biocon. Dr. Kiran has turned Biocon into an innovation nerve-centre that is committed to affordable solutions in healthcare.

*‘Women are the best at storage. We store everything .and just now we have to learn how to store two types of energies. One is your own energy, which is very, very important. And second is the energy of that is the electricity energy storage, ok? Women have always learned how to store money in those food jars, you know, that India has a concept? Then we have learned how to store food, water, I mean these are all types of energies. But what we have to now learn is how to store electrical energy.’*

The Batterywali of India. Dr Rashi Gupta, Founder Director, Vision Mechatronics has pioneered the manufacturing of advanced lithium batteries and made herself a name to reckon with in the field of renewable energy and energy storage.

*“Do your best. There’s always a pursuit towards higher learnings. Always acquire the necessary skills on your way as you build a career. You start off as a graduate or a post graduate at a particular level that attracts you to you know, certain height, but that is not enough. The life is a journey towards, or a pursuit towards excellence and knowledge. I think we should follow that path. That’s how the careers, I look at it.”*

And that was Rashmi Urdhwareshe former director of the automotive research association or ARAI, a cooperative industrial research association by the automotive industry, as well as the Ministry of Industries. Rashmi is an automotive safety, emissions, e-mobility, and sustainable transport expert, among others.

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### **Closing Lines:**

You were listening to a special Word to the WISE episode, celebrating International Day of Women and Girls

Through Word to the W.I.S.E, we will continue to build on our legacy: driving transformative change in pursuit of a safer and more resilient society by inspiring more young women to envision a career in the field of STEM.

Remember, you too can nominate more remarkable women to be part of the show. Or just send in your questions for future guests on the Word to the WISE podcast.

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