

In her own words: Dr Monali Dahale

From what drives them to login every morning to advice they would give their 16-year-old selves, here are candid insights from some of the incredible women at the National Composites Centre (NCC) who help us build towards a brighter future.

Meet Dr Monali Dahale,
Research Engineer – Automation 3D Textiles; STEM Ambassador
Member, Women's Led Network and Embrace Affinity

Joining the NCC

After completing my PhD in Advanced Composite Materials, I wanted to continue my work in developing the vast applications of 3D composites. My post-doctoral work exposed me to the pioneers of composite manufacturing in the UK, which reinforced my interest to be a part of this industry.

It was the application-driven research in composites and ground-breaking technologies for innovation at the NCC that motivated me to apply here- and move from Belfast to Bristol.

My father has always motivated me to be strong and independent. He supports, and stands by, my decisions regardless of the difficulties that lie ahead of the choices I make. Alongside his challenging full-time job, he has also completed a degree in law, civil engineering and recently defended a PhD in finite element analysis. His passion to learn inspires me. He is, and will always be, my role model and inspiration.



What motivates my login

- Every week at the NCC is a new challenge which excites me and helps me to develop my skills.
- I work with an amazing team, and a very supportive line manager.
- The collaborative environment at the NCC gives me the opportunity to work with different teams and sectors within the NCC.

Allyship to me

It is supporting colleagues from all different backgrounds in whatever way possible to promote equality and inclusion. Allyship is more than encouraging team members to participate in different activities – it is taking notice when someone does not want to participate, and working with them on a solution that gets to the root of the issue, and helps them feel safe.

Advice to my 16-year-old self

“ Take risks – they help you discover what you enjoy doing the best.
It is alright to make mistakes – they help you learn and grow. ”



Making safety seen

Get involved. Put up your hand to regularly review and update safety protocols based on lessons learned and emerging best practices.