



July Update

MEINHARDT IN FOCUS

As engineers, whether that be in Thailand or Myanmar, we are more than the site work we do, or the hours spent manipulating an Excel spreadsheet, or producing complex calculations. We are humans helping other humans. I am sometimes asked “So, what do you do?” I might pause for a moment before answering. “What” I do is not usually considered very exciting. I spend my days answering emails, looking at spreadsheets of data, managing the stress of impending deadlines and expectations. But the purpose of it is uplifting and motivating; it’s what gets me out of bed every single morning. So instead, I say: **“I help design buildings that will benefit our future generations.”**

“As engineers, we shape the world around us.”

*John Anderson
Managing Director - Meinhardt Myanmar
Director - Meinhardt Thailand*



PROJECT IN FOCUS

Parami University is to be located on a 20-acre site in Hmawbi Township, Yangon. **Parami University** will be Myanmar’s first private, non-profit liberal arts and sciences university. The first phase of Parami University will consist GFA of 106,700 sq.ft. The fully residential campus will feature all the required facilities expected of a top tier university.

Meinhardt Myanmar and Meinhardt Thailand are providing **Civil & Structural and MEP engineering design services** to the project. Parami University is set to open in August 2022.

“We are proud to be part of this great initiative to create a new campus for higher education purposes that will benefit many generations to come in Myanmar.”

John Anderson

STAFF IN FOCUS

May Zin Cho, Senior Structural Engineer joined the Yangon office in 2014. She obtained her B.Eng. in Civil Engineering from Kyaukse Technological University, Myanmar and M.Eng. in Structural Engineering from Kasetsart University, Thailand. She is also a Registered Senior Engineer of Myanmar Engineering Council. She has over 10 years of experience in analysis and design of reinforced concrete structures and steel structures for hotels, residential, commercial, industrial and educational buildings in Myanmar. This includes this month’s featured project, Parami University, Hmawbi, Yangon.

May Zin Cho also spent 2 years as a lecturer in structural engineering at the Ministry of Science and Technology, Myanmar where she enjoyed sharing her expertise to engineering students and gaining wider technical knowledge from university peers.



*May Zin Cho
Senior Structural Engineer*

FACT IN FOCUS

Cracks and crack repair are a big issue for concrete. What if the concrete cracks could repair themselves?

With self-healing technology using sustainable materials as an active ingredient added to the concrete - the self-healing of concrete cracks is a possibility. This is created by adding the agents into the concrete matrix function such as calcium carbonate or various types of bacteria to stimulate the self-healing mechanism. It is forecast that by 2030, about 5 billion metric tons of self-healing concrete per year will be in used worldwide. The concrete can be used on roads and in buildings.