



The laboratory of plant cell and developmental biology (<https://lpcdb.kaust.edu.sa>) within the Biological and Environmental Science and Engineering Division (BESE) at King Abdullah University of Science and Technology (KAUST) seeks a highly motivated and talented engineer to join a dynamic team of plant developmental biologists at KAUST.

## Engineering position (System Integrator)

Location: Thuwal, Saudi Arabia

### JOB DESCRIPTION

We seek a team player and innovative colleague who can join us to develop, design, build, test, and inspect mechanical devices and control systems. The successful candidate will contribute to building an advanced and highly automated device that can be used for plant phenomics. The applicant should be able to:

- Integrate concepts and principles of mechanical design and analysis;
- Interpret and apply advanced designing;
- Handle a wide range of technical problems and be familiar with all types of material handling, assembly fixtures, environmental chambers, and custom machine building;
- Work in collaboration with designers, manufacturing engineers, and integration engineering;
- Bring together component subsystems into a whole, ensuring that those subsystems function together;
- Manage projects including vendor selection, fabrication, inspection, equipment installation, and commissioning of tooling;
- Facilitate effective and collaborative communication by fostering creativity and leveraging team member strengths;
- The ability to work in a team environment is a must;
- Excellent verbal and written English communication skills are mandatory.

### DESIRES SKILLS

- Multi-disciplinary domain in technology as a System Integrator
- 3D modeling using CAD tools
- High-tech infrastructure
- Mechatronics and electronics
- Control systems design
- Robotics
- Machining and prototyping
- 3D printing

Please include a cover letter that summarizes relevant experience and motivation for the job, along with a CV that includes contact information for three references (name, position and e-mail address) and email them to [lkram.blilou@kaust.edu.sa](mailto:lkram.blilou@kaust.edu.sa). The anticipated start date is early 2023. The position would be initially for one year, but with the possibility for renewal for a maximum of 3 years depending on the candidate's performance.

### ABOUT KAUST

KAUST is an international graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. KAUST attracts top faculty, scientists, engineers, and students worldwide to conduct curiosity-driven and goal-oriented research to address the world's most pressing scientific and technological challenges. Located in Saudi Arabia, on the eastern shores of the Red Sea, KAUST provides an award-winning campus to live, work, study, and play.

KAUST is ranked among the top universities based on research performance and innovation outputs. According to the 2019 Normalized Nature Index rankings, KAUST was #18 globally. In Nature Index's most recent Young Universities Rankings (2019), KAUST was #1 for institutions under 20 years of age and #6 for those under 50. In the QS World University Rankings, KAUST has been ranked #1 globally (since 2016) in "Citations per Faculty," and almost 10% of faculty members are recognized as Clarivate Analytics Highly Cited Researchers (2020).