

Dassault Systèmes Names Winner of Its 2025 AAKRUTI International Student Design Competition, Showcasing Skills and Innovations from the Future Workforce

- **Team UJ Wom+n in Tech from University of Johannesburg, South Africa wins international AAKRUTI design competition; recognized at 3DEXPERIENCE World in Houston for Latch, a pedal-powered breast pump with a universal bottle-fitting system**
- **Dassault Systèmes' annual AAKRUTI competition - the largest of its kind - invites students to develop sustainable solutions to challenges in healthcare, mobility and green energy**
- **12 teams from nine countries used the 3DEXPERIENCE platform and SOLIDWORKS applications to create and develop their projects**

[Dassault Systèmes](#) (Euronext Paris: FR0014003TT8, DSY.PA) today announced the winners of its 2025 AAKRUTI international student design competition at 3DEXPERIENCE World in Houston. AAKRUTI invited teams to develop sustainable solutions to challenges in healthcare, mobility and green energy by using technology, creativity and engineering skills. The winning team - Team UJ Wom+n in Tech, from University of Johannesburg, South Africa - was recognized for Latch, a pedal-powered breast pump with a universal bottle-fitting system, designed to help mothers express milk comfortably and conveniently anywhere; without electricity or proprietary components.

Twelve teams from universities in India, Indonesia, Singapore, Malaysia, Mexico, South Africa, Spain, Turkey and the U.K. used the 3DEXPERIENCE platform and SOLIDWORKS applications to develop a product in one of four categories - sustainable products for human wellness, sustainable mobility, sustainable habitat/city infrastructure, and green energy generation, transmission and storage. Teams presented their finished projects in the "EDU Zone" of 3DEXPERIENCE World's 3DEXPERIENCE Playground, for an opportunity to win cash prizes totaling \$10,000. All participants receive a one-year SOLIDWORKS license.

“The word ‘aakruti’ means the form, figure or shape of anything. It reflects the spirit of this competition and supports our dedication to equipping students with in-demand workforce skills. Our 3DEXPERIENCE Edu department, our SOLIDWORKS SkillForce initiative, and student-oriented programs and competitions like AAKRUTI empower the next generation of innovators to thrive in their future careers,” said Suchit Jain, Vice President, Strategy, Dassault Systèmes.

Dassault Systèmes’ AAKRUTI competition, launched in India in 2011, is the largest of its kind, having expanded to more than 37 countries, embarking more than 55,000 design, engineering and technology students on a challenge to apply their skills toward projects that can help drive a more sustainable future. Dassault Systèmes hosted the final of AAKRUTI during 3DEXPERIENCE World, its annual event gathering thousands of 3DEXPERIENCE platform and SOLIDWORKS users, to enable the students to showcase their innovations and skills before the world’s largest design and engineering community.

Other finalists receiving awards:

- First runner-up : Team Bou, University of Johannesburg, South Africa. Project: Dr. Bou, a child-friendly device that uses cooling and gentle vibration to reduce pain and anxiety during injections.
- Second runner-up: Team BELGER, Gazi University, Turkey. Project: selective cancer treatment based on resonance due to the cavitation of low-energy intensity ultrasound. A targeted cancer treatment that uses ultrasonic resonance to destroy cancer cells based on their unique biomechanical frequency, while simultaneously activating the body’s immune response.
- Best all girls team: Team Shady Business, Singapore Institute of Technology, Singapore. Project: TalkingTiles, a smart tactile communication kit that gives people with aphasia a voice through 3D-printed tiles and instant audio feedback.
- Encouragement award: Team InnoForge from Vishwakarma Institute of Technology, India. Project: Filtron, a smart, eco-friendly bake cooling and dust control system that boosts braking efficiency while reducing harmful particulate pollution for cleaner, safer mobility.

###

FOR MORE INFORMATION

Dassault Systèmes' 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

Connect with Dassault Systèmes on



ABOUT DASSAULT SYSTÈMES

Dassault Systèmes is a catalyst for human progress. Since 1981, the company has pioneered virtual worlds to improve real life for consumers, patients and citizens. With Dassault Systèmes' 3DEXPERIENCE platform, 370,000 customers of all sizes, in all industries, can collaborate, imagine and create sustainable innovations that drive meaningful impact. For more information, visit: www.3ds.com

Dassault Systèmes Press Contacts

Corporate / France	Arnaud MALHERBE	arnaud.malherbe@3ds.com	+33 (0)1 61 62 87 73
North America	Natasha LEVANTI	natasha.levanti@3ds.com	+1 (508) 449 8097
EMEA	Virginie BLINDENBERG	virginie.blindenberga@3ds.com	+33 (0) 1 61 62 84 21
China	Grace MU	grace.mu@3ds.com	+86 10 6536 2288
Japan	Yukiko SATO	yukiko.sato@3ds.com	+81 3 4321 3841
Korea	Jeemin JEONG	jeemin.jeong@3ds.com	+82 2 3271 6653
India	Priyanka PANDEY	priyanka.pandey@3ds.com	+91 9886302179
AP South	Hazel FOO	hazel.foo@3ds.com	+65 8333 3484