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Ivey Engineering Awards \$1,000 Scholarship to UC Berkeley Freshman Ria Jain

Jain is IEI's 2022 scholarship winner. She competed with about 200 other college students and her winning essay discusses six tips to prevent a home or building fire.

Aug. 4, 2022, San Diego, CA — Ivey Engineering, Inc., (IEI), an engineering consulting firm, is pleased to announce that Ria Jain of Dublin, Calif., is the winner of the 2022 \$1,000 scholarship essay contest. Jain, an electrical engineering and computer science major, plans to attend UC Berkeley this fall.

"The IEI scholarship allows me to pursue opportunities in college that will help me change the world through STEM," said Jain.

Jain's interest in STEM (science, technology, engineering and math) began in elementary and middle school. By the time she reached high school she knew she wanted to focus on engineering and computer science. Through her high school's environmental technology and sustainability club, she was able to work on a project that used software and hardware tools to prototype an underwater remote-operated vehicle.

"We were able to help a local company investigate broken infrastructure in a nearby creek," said Jain. "My goal in the future is to explore the applications of machine learning to environmental sustainability, whether it's through robotics, time series forecasting or something new altogether."

Jain competed with about 200 other college students from the United States. Applicants were required to write an 800- to 1,000-word essay on one of several topics and were judged for creativity and originality. Jain's winning essay discusses six tips to prevent a home or building fire. One tip she gives is for homeowners and building owners to invest in smoke alarms.

"It is not enough that a smoke alarm is present—it is important to regularly check that it is functional," Jain explained in her essay. "Embedding this step into your maintenance routine is critical for fire safety," she said.

"Ria wrote a well organized and outstanding essay," said [Bill Ivey](#), president of IEI. "Her essay explained some insightful ways to prevent structure fires. You can tell she spent considerable time and effort in writing it," he added.

For Jain, the scholarship will ultimately provide a way for her to give back to the community. "This scholarship not only will support my studies, it will also allow me to make an impact on society and give back to those around me," she said.

"We're excited to see where Ria will go with her electrical engineering and computer science degree and wish her the best in her career goals," said Ivey.

Overall, the IEI scholarship program, which began in 2017, has awarded \$10,000 to university students of diverse majors. Any potential or current college or university undergraduate student within the United States is able to apply for the scholarship. The next deadline for essay submissions is May 1, 2023. For contest requirements or for more information about the scholarship, visit IEI's [scholarship web page](#).

About Ivey Engineering

IEI is an expert witness and building systems consulting firm based in San Diego, Calif. Established in 1994, IEI serves clients in over 30 states. The firm's consultants have experience in the design, construction, service and repair of HVAC, plumbing, fire protection and energy management systems. To read more about Ivey Engineering and its consulting services, visit the company's [website](#).

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