

## **FACT<sup>2</sup> Excellence Award Winner: Anurag Purwar**

Recognition given for consistently superior professional achievement

The FACT<sup>2</sup> Excellence in Instruction Award of 2018 has been granted to Prof. Anurag Purwar. The decision for honoring Professor Purwar was based on his innate ability to incorporate technology into the classroom to further the curriculum. It has been determined by the [Faculty Advisory Council on Teaching and Technology \(FACT<sup>2</sup>\)](#) that he captivates students using innovative strategies that can be applied in other settings.



The FACT<sup>2</sup> Excellence in Instruction and Excellence in Instructional Support Awards are system-level honors conferred to acknowledge and provide system-wide recognition for consistently professional achievement and to encourage the ongoing pursuit of excellence.



The Council is an advisory committee to the SUNY provost, comprised of employees and students across the state universities and community colleges of New York. The Council is a resource and advocates for university stakeholders “in the use of technology in service of pedagogy and research.”<sup>1</sup> Annually, they honor two SUNY faculty, one in State-Operated and Statutory Campuses, and another in community colleges.

In Professor Purwar’s teaching statement, or “learning statement”, as he humbly references in his submission to FACT<sup>2</sup>, he references his teaching method as Socratic. “[Students] learn through active enquiry and critical thinking and the teacher learns with them as well,” he elaborates. This engaging style of teaching has led to an increase in class size and active student participation, while the assignments requiring both knowledge and innovation show an improvement in learning outcomes.

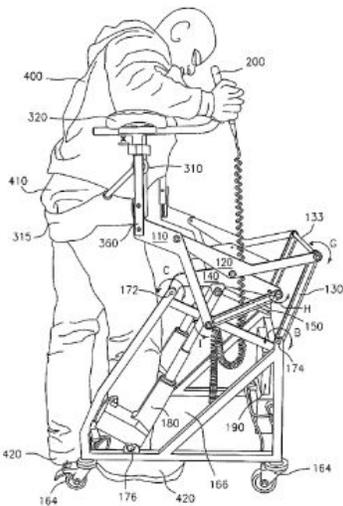
In hearing the results of the FACT<sup>2</sup> award, Jeff Ge, chair and professor of Stony Brook University’s mechanical engineering department, was proud but not surprised. He stated, “Professor Purwar developed an exemplary blended course for Freshman Design Innovation that integrates hands-on experience, online learning, and student use of emerging technologies that attracted students from many disciplines across campus. His success in online offering of MEC 262 has attracted students from eleven universities. It is simply amazing that he has been

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<sup>1</sup> [commons.suny.edu/fact2](https://commons.suny.edu/fact2)

able to achieve all of this on top of his research responsibilities as well as his role as SPIR coordinator. Stony Brook University prides itself on success in educating undergraduates in a research university. Professor Purwar is a shining example of this success."

Students are equally impressed with Professor Purwar's methodology. Junior mechanical engineering student, Jae An, fondly recalls his Freshman Innovation Design class, "Professor Purwar's creative approach in teaching has allowed students to learn far beyond the textbook. He challenges students to go outside of their comfort zone. Although his design project was challenging, he provided students with the resources to succeed. In doing this, he has inspired many students to follow their engineering dreams."



This is one of many accolades that Professor Purwar has received during his tenure with the Mechanical Engineering department. He has received the Presidential Award for Excellence in Teaching from Stony Brook University, the A.T. Yang award for the best paper in Theoretical Kinematics, and the MSC Software Simulation award. He was a member of the ASME Mechanism and Robotics committee, serving as the Program Chair and the Conference Chair in 2014 and 2015, respectively. He also served as a conference chair for the prestigious ASME International Design Engineering and Technical Conferences (IDETC) in 2016. Most notably,

Professor Purwar utilized a SUNY Research Foundation Technology Accelerator Fund award to develop a multifunctional Sit-to-Stand-Walker assistive device<sup>2</sup>, which won the 2016 SAE Top 100 Create the Future award. The device is now being sold in the market and is generating royalty revenue for the university.

The FACT<sup>2</sup> Excellence Award will be presented to Professor Purwar at the SUNY Conference on Instruction and Technology (CIT) in May, during which he will present on his innovative use of technology in teaching and learning.

See also:

1. <http://www.motiongen.io>
2. <http://tinyurl.com/mec101f17>

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<sup>2</sup> [www.mobilityassist.net](http://www.mobilityassist.net)