



ATHARVA ROBOTICS CENTER

ATHARVA COLLEGE OF ENGINEERING

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RECENT TECHNOLOGICAL UPDATES

DATE: 15th July, 2019

1. Automated system generates robotic parts for novel tasks

By Rob Matheson | MIT News Office, July 12, 2019

An automated system developed by MIT researchers designs and 3-D prints complex robotic parts called actuators that are optimized according to an enormous number of specifications. In short, the system does automatically what is virtually impossible for humans to do by hand.

Link: <http://news.mit.edu/2019/automated-design-print-actuators-robotics-0712>

2. Resource-efficient soft exoskeleton for people with walking impediments

By Julia Goetz, CORDIS, July 12, 2019

A lot of people have lower limb mobility impairments, but there are few wearable technologies to enable them to walk normally while performing tasks of daily living. XoSoft, a European funded project, has brought together partners from all over Europe to develop a flexible, lightweight and resource-efficient soft exoskeleton prototype.

Link: <https://phys.org/news/2019-07-resource-efficient-soft-exoskeleton-people-impediments.html>

