

## Department newsroom

### Participation of CSE Department in Autism Spectrum Disorder (ASD) awareness forum



Prof. Jihad Al Ja'am, Dr. Saleh Alhazbi, and the Ph.D student Ms. Amal AlMohamad from the dept. of Computer Science and Engineering have presented their research outcomes as part of QNRF participation in the Autism Spectrum Disorder (ASD) awareness forum organized by the Ministry of Public Health on Friday April 26th, 2019..

Dr. Saleh presented his UREP project outcome, Faheem, a tablet-based application to help improve the Arab autistic children receptive language. Dr. Jihad presented the outcome of his UREP project on communication through images for nonverbal children with autism. He also presented with his student Amal AlMohamad the outcome of his NPRP project on learning through multimedia for children with disabilities, and



introduced to the audience his new NPRP project entitled MOALEM on converting Arabic text to the best representative images using different techniques including deep learning.

The instructors can then generate contents dynamically to teach the children with learning difficulties. The workshop was attended by a large number of professionals from different entities in Qatar and families of autistic children. The workshop was delivered in interactive manner between the audience and the presenters noting that The forum was the number of participants in the conference exceeded 500 attendees Dr. Enas Mohamed, the QNRF Program Manager in Biomedical Sciences & Health coordinated the workshop and promised to provide more funding for projects dealing with children with special needs. In addition, she thanked CSE faculty members

saying " Thanks for your wonderful contribution to QNRF Research Outcome Seminar (ROS). The event was both informative and enjoyable; a rare combination in solemn scientific events of this nature, which is a testament to your competence and devotion ".