Project Title	Interactive robotic skin
Supervisor	Dr Majid Taghavi
Theme	Neurotechnology and Robotics
Project Type	Lab based
Project Description	Human can examine structures or areas for size, shape, consistency, texture, and other characteristics simply by moving their fingers and palms over the surfaces. Dexterous movement, flexible and soft architecture, and a variety of sensing capabilities on the skin enable this palpation. In this project, we will develop an interactive composite to act as a robotic skin, allowing for scanning a soft surface and detecting pressure variations applied by the external objects. This new soft robotic composite will be composed of embedded electroactive artificial muscles and tactile sensors.