M.Sc. Thesis Supervisions:

	Full Name of Student	Level	Title of Thesis	Date
	Saeideh Golabshekar	MS	Brain vessels segmentation using U-net deep learning framework	Not finished yet.
	Mehdi Safavi	MS	Traffic - Sign Detection in Iran Using Convolutional Neural Network	2022
	Taha Noshahri	MS	COVID-19 Detection through Transfer Learning Using Lung CT scan Images	2022
	Maryam Poursaeid	MS	Diagnosing Alzheimer's Disease with Transfer Learning for Deep Neural Networks	2022
	Mahsa Esmaiellou	MS	Early recognition and classification of diabetic retinopathy using deep learning	Not finished yet.
	Faezeh Mosayyebi	MS	Gender Detection using Convolutional Neural Networks	2021
	AmirHosein Abbasian	MS	Improvement of diabetic retinopathy classification using deep learning algorithms	2021
	Poune Saeidi Pakdel	MS	Identification of autism spectrum disorder using deep learning	2021
	Parisa Zeynalzadeh	MS	Vehicle and Pedestrian Detection based on Deep Learning Techniques for Advanced Driver Assistance System (ADAS)	2020
	Vahid Zafari Ghadim	MS	Automatic Segmentation and Zoning of Multiple Sclerosis (MS) Brain Lesions from MRI	2020
	Hadi Abbasi	MS	EEG Signal Data Classification for Brain-Computer Interface (BCI) Applications using Deep Learning Algorithms	2020
	Farshad Ebrahimi	MS	Recognition, Perception and Completion of Truncated and Occluded Images Inspired by Birds Visual Systems for an AGI-Based Agent	2019
	Maryam Yousefian	MS	Computational Modeling Acording to Anatomy Specifications of Stroke Patients with Aphasia	2019
	Ali Amani	MS	Diagnosing Location and Extent of Aphasia Lesions in Stroke Patients before and After Rehabilitation using MRI Images	2019
	Masoud Mohtadifar	MS	Visual Navigation System Inspired by Insects Navigation for an AGI based Agent	2019
	Sahar Salimpour	MS	Image Locations Storage and Retrieval for an AGI-based Inspired by Animal Food-Storing Behaviour	2019
	Touba Malekzadeh	MS	Detection of Subtle Changes of Video using Video Magnification for Medical Applications	2018
	Amin Najafian	MS	Robot Control with BCI using EEG signals and Arduino interface Card	2018
	Haniye Narimani	MS	Multilevel Authentication using Combination of IRIS Biometric-Based Methods and Eye Gaze Tracking using Kinect	2017
	Mahsa Zeynali	MS	Unique and Cancelable Biometric-Based Cryptographic Key Generation with Repeatability using EEG	2017
	Morteza Mohammadifam	MS	Brain Tumors Detection and Segmantation in Brain MRI Images using Statistical Features	2017
	Nasrin Rahimi	MS	Design of a Brain –Computer Interface Nursing System to Control Hospital Bed	2016
	Khadije Hasanpour	MS	EEG - Based Wheelchair Control Through a Brain–Computer Interface (BCI)	2016
	Shiva Sheikhalipour	MS	Using Resting State fMRI for Diagnosis of ASD	2016
	Soniya Sarabi Asl	MS	Hand Gesture Recognition based on Hand Shapes Contour for Controlling Wheelchair	2016
	Ashkan Farrokhi	MS	Unsupervised Feature Learning for Object Recognition using Prior-Knowledge Data	2016
	Saeideh Ghanbari Azar	MS	Persian sign language (PSL) recognition using hidden Markov models (HMM)	2015
	Mohammad Iranshahi	MS	Object Tracking using Particle Filter and Wavelet Transform	2015
	Aram Ahmadi	MS	A Graph Based Classification Method for Hyperspectral Image	2014
	Forogh Shami	MS	Better detection of retinal abnormalities by accurate detection of blood vessels in retina	2013
	Milad Abdollahzadeh	MS	A Multi Focus Image Fusion Approach Based on statistical analysis using HMM	2013
	Faranak Shamsafar	MS	Multispectral and Color Analysis of Iris Recognition	2012
	Mariam Hajinia	MS	Tracking Human Lower Body Parts Using Kalman and Particle Filters	2012
	Vahdat Kazemi	MS	Multi-focus Image Fusion for Visual Sensor Network based on Redundant Wavelet Transform	2012
	Marzie Berenjkoob	MS	Coronary Artery Segmentation From 3D X-ray Data	2012
	Negar Mazloomi	MS	Image Data Clustering using Imperialist Competitive Algorithm	2012

Fateme Soroush	**MS**	**Dental X-ray Image Segmentation using Wavelets**		**2012**
Soodabeh Ghafoori	**MS**	**Hand gesture recognition using Haar-like feature and a stochastic context-free grammar**		**2012**
Sajad Asl Jalili	**MS**	**Facial Expressions Recognition and Synthesis on a Face Robot**		**2012**
Mohammad Reza Nikfard	**MS**	**Occlusion Recovery in Facial Feature Tracking**		**2011**
Abolfazl Koohi	**MS**	**Brain MRI Segmentation using Modified FCM Clustering**		**2011**
Fardin Mogimi	**MS**	**Facial Expressions Recognition from Video using Particle Filter and SVM**		**2011**
Fatemeh Shirinzadeh	**MS**	**Facial Feature Tracking using Particle Filter**		**2010**
Mohammad Bagher Akbari Haghighat	**MS**	**Image Fusion for Visual Sensor Networks in Transform Domain**		**2010**
Hamideh Rezaee	**MS**	**Vehicle Tracking in Visual Sensor Networks by Particle Filter**		**2010**
Naghmeh Ghazaleh	**MS**	**Simultaneously using Watermarking and Cryptography in Visual Sensor Networks**		**2010**
Asghar Feizi	**MS**	**Multi-view Human Tracking using Particle Filter**		**2010**
Razieh Keshavarzian	**MS**	**Watermarking for Error Concealment in Image Transmission**		**2009**