

### List of FYDP and Supervisors for Batch 2018

Group #	Project Title	Supervisor
1	Adjustable Arm Support	Dr. Ahmad
2	Design and Development of a Mobile Patient Transfer Lift	Dr. Ahmad
3	Design and Development of Postural Supports for Wheelchair	Dr. Ahmad, Dr. Abul Hasan
4	Design of Migraine Management Device	Dr. Abul Hasan, Engr. Osama
5	Wearable Heat Stroke Prevention Device	Dr. Abul Hasan
6	Influence of Visual and Auditory Stimuli on Default Mode Network Dynamics	Engr. Tajwar, Dr. Abul Hasan, Dr. Sadia
7	Designing and Development of Surgical Diathermy	Dr. Jafri, Engr. Irtiza
8	IOT based Infant Incubator	Dr. Jafri, Engr. Irtiza
9	Development of Degradable Polymeric films mimicking cartilage tissue	Dr. Eraj
10	Development and Characterization of Novel Bioceramic based Root Canal Sealer having potential in Dental Restoration	Engr. Manal, Dr. Eraj
11	Comparative study of Novel Silicate and Borate Bioglass Hydrogels for Skin Tissue Regeneration.	Engr. Manal, Dr. Eraj
12	Neuromodulation for Essential Tremors	Dr. Majida, Dr. Arshad
13	Genetic Polymorphism in SOD1, a possible risk for osteoarthritis	Dr. Farzana, Dr. Zehra
14	Diabetic Foot Assessment Device (Aims Diabsole)	Dr. Wasim
15	Posture Assessment System	Dr. Wasim
16	Designing and Testing of Dynamic Podoscope for Kinematic Analysis of Gait	Dr. Wasim