

LIST OF PROJECTS FOR UG FELLOWSHIP 2017

Technical University of Sofia, Bulgaria

Sr. No.	Supervisor Details	Student Representative(only one students of that group)	Key Projects & Brief
	Name of Supervisor	Name of Student	(May be 1 or 2 projects)
Grp 1	Prof. Kalin Chuchuganov	Akshay Lawate	Roomless Elevators
Grp 2	Prof. Kalin Chuchuganov	ALISHA SONWANE	Roomless Elevators
Grp 3	Prof. Kalin Chuchuganov	Chaitanya Ghotage	DESIGN OF LINEAR MOTOR LIFT
Grp 4	Prof. Kalin Chuchuganov	Akshay Lawate	Roomless Elevators
Grp 5	Prof. Kalin Chuchuganov	Tushar Kulkarni	Building of measurement system of lift using labview- Design and calibrating the lift with the parameters as velocity,acceleration and displacement analysis with graphical method.
Grp 6	Prof. Kalin Chuchuganov	Nathan Dmello	Application for Design Calculations and Energy efficiency of lifts according to EN 81-20/50 and VDI 4707
Grp 7	Prof. Kalin Chuchuganov	Chetan Gunjal	ELEVATOR TRAFFIC DESIGN
Grp 8	Svetlin Antonov	Netrik Bhardwaj	Simulating Fire and Design of Evacuation plan of a building using Pyrosim
Grp 9	NEVEN NIKOLOV	NAMAN PUNDIR	Robo Vision: detection and tracking
Grp 10	NEVEN NIKOLOV	Prince	Drone controller
Grp 11	NEVEN NIKOLOV	Prince	Water level indicator
Grp 12	NEVEN NIKOLOV	Ishant Sharma	node is multi client server with mobile app client

Grp 13	NEVEN NIKOLOV	RAHUL GARG	Motion Detection and Face detection through Camera
Grp 14	NEVEN NIKOLOV	RAHUL GARG	Smart Car Assistance(Lane change warning system and upgradation attempt)
Grp 15	NEVEN NIKOLOV	RAHUL GARG	Home Automation (controlling light bulb through android smartphone)
Grp 16	Dimitre Ditchev	Tejas Shirgaonkar	Live Bus Tracking System using Gps Technology
Grp 17	Dimitre Ditchev	SIMRAN WANI	Smart home automation using arduino and raspberry pi. It include smart door,intelligent lighting,climatization,fire alert system.
Grp 18	Prof. AGATA MANOLOVA	VIDHI RANA	REAL TIME MOOD RECOGNITION
Grp 19	Prof. AGATA MANALOVA	AMEY JEDHE	AGE ESTIMATION ON MATLAB
Grp 20	Prof. Agata Manolova	Harshit Jain	Application to control AR Drone with Myo armband and feed the video footage of the camera of the drone to oculus rift.
Grp 21	Prof. Agata Manolova	Aniket Thosar	Attendance Management using Face Detection
Grp 22	Prof. Agata Manolova	Harshit Jain	Virtual Reality Game in Unity 3D
Grp 23	Nicole christoff	Shiva Rathore	Improvement of location of the impact craters detected on mars.
Grp 24	Nicole christoff	Shashank Aggarwal	Extraction Of The Geometrical Characteristics Of Impact Craters Detected On Mars.
Grp 25	Ivo Dragonov	Sarthak Sareen	Object Recognition