


MSE 4100 - Project and Thesis  
4<sup>th</sup> Year Odd & Even Semester, 16 Series  
Thesis Topics and Groups Distribution

Name of the Supervisors	Topics	Student ID		
Md. Anisul Islam	Development of Lead-free soldering in electronic and packaging industry.	1613006	1613020	
	Electrodeposition of thin film solar cells.	1613005	1613013	1613010
Maliha Rahman	Synthesis and Characterization of nanoparticles for biomedical application.	1613011	1613003	1613029
	Molecular dynamic simulation of materials properties.	1613004	1613014	
Ayeman Mazdi Nahin	Characterization and comparison between Calcium Phosphate synthesized from different fish bones.	1613002	1613021	
	Comparison of properties between electrodeposition and spin coating techniques to coat mild steel with Al alloys.	1613016	1613026	
Asrafuzzaman	Green synthesis and characterization of TiO <sub>2</sub> /CuO nanoparticles from plant/fruit/plant derived extract and its surface functionalization for specific application.	1613009	1613028	
	Fabrication of Fe-Ni alloy coating on Cu substrate by electrodeposition to optimize anticorrosive properties.	1613017	1613019	

Name of the Supervisors	Topics	Student ID		
S. M. Nasim Rokon	Synthesis and Characterization of doped ZnO nanoparticles for photocatalytic application.	1613008	1613022	1613015
	Study the effect of co-doping on electronic, optical and magnetic properties of ZnO thin films.	1613018	1613030	
Umme Salma Mst. Mahmuda	Synthesis and characterization of ferroelectric nanoparticles.	1613024	1613025	
	Insights on the synthesis and characterization of quadruple perovskites with magnetoelectric and catalytic activities.	1613007	1613001	

\* Students are advised to contact their respective supervisors for the commencement of the thesis work.

  
07.02.2021  
Head

Department of Materials Science and Engineering,  
Rajshahi University of Engineering and Technology.