

Notice (L-4/T-2)

Level-4/Term-2 Thesis Final Presentations

Project/Thesis Final presentation of L-4/T-2 students will be held in three parallel sessions according to the following schedule:

Session	Thesis No.	Thesis Title	Student No.	Supervisor
Session 1 16 May 2022 2.00 pm Venue: MME Seminar Room Examiners: Prof. Dr. A.K.M Bazlur Rashid Prof. Dr. Ahmed Sharif Mr. Md. Miftaur Rahman Coordinator: Mr. Md. Miftaur Rahman	1	Standard lab experimentation versus local low-cost scavenged-equipment-aided exploration of sand particles of Someshwari River, Bangladesh: A backyard scientist's perspectives, ideas and experiments	1611001	Prof. Dr. Fahmida Gulshan
	2	Manufacturing and Characterization of Bagasse and Chicken Feather Fiber Reinforced Hybrid Polypropylene Composites	1611027	Prof. Dr. Mahbub Hasan
	3	Antibacterial property of CuO decorated Reduced Graphene Oxide	1611015	Prof. Dr. Md. Moniruzzaman
	4	Investigation of Electronic and Photovoltaic Properties of Bromine Doped Tin Based Perovskite Solar Devices Utilizing Multiscale Simulation and Machine Learning	1611004	Prof. Dr. Kazi Md. Shorowordi
	5	Effect of Tin on Ageing Behaviour of hot-rolled Mg-5Gd-2Y alloys	1611028	Dr. H M Mamun Al Rashed
	6	Preparation and evaluation of mechanical properties of Polyester based polymer matrix composite reinforced with sand	1611008	Prof. Dr. Fahmida Gulshan
	7	Failure Study of Bridges due to Faulty Material Selection and Material Degradation by Corrosion	1611033	Prof. Dr. Md. Moniruzzaman
	8	Structure Property Relationship of Locally Produced Structural Steels.	1611035	Prof. Dr. Md. Aminul Islam
	9	Machine Learning Aided Materials Selection for Non-Toxic single Junction perovskite solar devices using scaps-1D	1611024	Prof. Dr. Kazi Md. Shorowordi
	10	Modified Structural and Optical Properties of N-doped CuO NPs	1611034	Dr. Md. Muktadir Billah
	11	Manufacturing and Characterization of Corn and Peacock Feather Fiber Reinforced Hybrid Polypropylene Composites	1611020	Prof. Dr. Mahbub Hasan
	12	Corrosion Behavior of Locally Produced Non-grade, 300, 400, and 500 Grade Structural Steel Bar.	1611030	Prof. Dr. Md. Aminul Islam
	13	Fabrication and Mechanical Property Analysis of Hybrid Aluminium Based Metal Matrix Composite Reinforced with SiC and Sawdust Ash	1611010	Prof. Dr. Fahmida Gulshan
	14	Theoretical investigation on structural, electronic, and optical properties of graphene-like ZnO with Mo doping: A DFT+U Study	1611044	Mr. Md. Miftaur Rahman

M. HASAN
14.5.22

Dr. Mahbub Hasan
Professor and Head

Notice (L-4/T-2)

Level-4/Term-2 Thesis Final Presentations

Project Thesis Final presentation of L-4 T-2 students will be held in three parallel sessions according to the following schedule:

Session	Sl. No.	Topic	Thesis No.	Examiner
Session 2 16 May 2022 2.00 pm Venue: Prof. Ibrahim Library Examiners: Prof. Dr. Md. Aminul Islam Prof. Dr. Fahmida Gulshan Dr. H M Mamun Al Rashed Coordinator: Ms. Oyshi Roy	1	Investigation of Electronic and Photovoltaic Properties of Bromine Doped Tin Based Perovskite Solar Devices Utilizing Multiscale Simulation and Machine Learning	1611011	Prof. Dr. Kazi Md. Shorowordi
	2	Effects of C and Fe codoping on structural, electronic, magnetic, and optical properties of wurzite GaN for optoelectronic applications: DFT+U study	1611002	Prof. Dr. Ahmed Sharif
	3	Antibacterial property of CuO decorated Reduced Graphene Oxide	1611042	Prof. Dr. Md. Moniruzzaman
	4	Manufacturing and Characterization of Bagasse and Chicken Feather Fiber Reinforced Hybrid Polypropylene Composites	1611041	Prof. Dr. Mahbub Hasan
	5	Process Parameters Optimisation of Carbon Dioxide Gas Cured Sodium Silicate Moulding Process for Better Compression Strength	1611009	Prof. Dr. A.K.M. Bazlur Rashid
	6	Effect of Tin on Ageing Behaviour of hot-rolled Mg-5Gd-2Y alloys	1611048	Dr. H M Mamun Al Rashed
	7	Machine Learning Aided Materials Selection for Non-Toxic single Junction perovskite solar devices using scaps-1D	1611050	Prof. Dr. Kazi Md. Shorowordi
	8	Manufacturing and Characterization of Corn and Peacock Feather Fiber Reinforced Hybrid Polypropylene Composites	1611029	Prof. Dr. Mahbub Hasan
	9	Effects of Li and Al codoping on Structural, Electronic and Optical Properties of CuO: DFT+U Study.	1611019	Prof. Dr. Ahmed Sharif
	10	Modified Structural and Optical Properties of N-doped CuO NPs	1611037	Dr. Md. Muktadir Billah
	11	Structural modification of Silica on addition of P ₂ O ₅	1611017	Mr. Md. Miftaur Rahman
	12	Study of Hot Tearing Tendencies of Some Aluminium-Based Alloys	1311029	Prof. Dr. A.K.M. Bazlur Rashid
	13	Electric field strength on the cyclic performance of a Mg-Ca anode for Mg-ion Battery: A Molecular Dynamics Study	1611003	Prof. Dr. Kazi Md. Shorowordi
	14	First Principle Study on Structural, Electrical and Optical Properties of Pure Ga and Mg-doped GaP	1611031	Prof. Dr. Ahmed Sharif
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M. HASAN
24.5.22

Dr. Mahbub Hasan
Professor and Head

Notice (L-4/T-2)

Level-1/Term-2 Thesis Final Presentations

Project/Thesis Final presentation of L-4/T-2 students will be held in three parallel sessions according to the following schedule:

Session	Thesis No.	Thesis Title	Student No.	Supervisor
Session 3 16 May 2022 2.00 pm Venue: OAB 209 Examiners: Prof. Dr. Md. Moniruzzaman Prof. Dr. Kazi Md. Shorowordi Dr. Mahbub Hasan and Dr. Muktadir Billah Coordinator: Dr. Muktadir Billah	1	Modified Structural and Optical Properties of N-doped CuO NPs	1611038	Dr. Md. Muktadir Billah
	2	Study on the Relationship Between Surface Hardness and Corrosion Behavior of Locally Produced Quenched and Tempered Structural Steels.	1611021	Prof. Dr. Md. Aminul Islam
	3	Structural, electrical, magnetic and optical properties of Ni, Co doped wurzite GaN: A first-principle investigation	1611005	Prof. Dr. Ahmed Sharif
	4	Effect of Tin on Ageing Behaviour of hot-rolled Mg-5Gd-2Y alloys	1611040	Dr. H.M Mamun Al Rashed
	5	Process Parameters Optimisation of Carbon Dioxide Gas Cured Sodium Silicate Moulding Process for Better Compression Strength	1611013	Prof. Dr. A.K.M. Bazlur Rashid
	6	Preparation and characterization of Titanium dioxide-cutting oil nano fluid	1611047	Prof. Dr. Fahmida Gulshan
	7	Theoretical investigation on structural, electronic, and optical properties of graphene-like ZnO with Mo doping: A DFT+U Study	1611036	Mr. Md. Miftaur Rahman
	8	Study of Impact Toughness of Polyester Based Hybrid Composites	1611006	Prof. Dr. Md. Aminul Islam
	9	Adsorption Behavior of Ge-Doped MoS ₂ Monolayer Towards SO ₂ , SOF ₂ , SO ₂ F ₂ : Insights from First Principle Studies	1611045	Prof. Dr. Ahmed Sharif
	10	Study of Hot Tearing Tendencies of Some Aluminium-Based Alloys	1511022	Prof. Dr. A.K.M. Bazlur Rashid
	11	Microstructural Evolution and Mechanical Properties of Mg-2Zn alloys by Addition of Tin	1611016	Dr. H.M Mamun Al Rashed
	12	Synthesis of Injectable Bone Substitute Paste Based on Hydroxyapatite, Gelatin and Polyvinyl alcohol	1611049	Prof. Dr. Fahmida Gulshan
	13	Molecular dynamics study of thermal conductivity of water-graphene based nanofluids	1611012	Mr. Md. Miftaur Rahman
	14	Modified Structural and Optical Properties of N-doped CuO NPs	1611039	Dr. Md. Muktadir Billah

M. HASAN
14.5.22

Dr. Mahbub Hasan
Professor and Head