

Notice (L4 T2)

Re: Level 4 Term 2 Thesis Final Presentation

The project presentation of Level 4 Term II students will be held in three parallel sessions according to the following schedule.

Submission of Presentation File: Submit to Mr Moniruzzaman Jamal, Assistant Professor, by 9.30 am on the day. He will be available in the office room opposite MME Office. Use a pen drive for the transfer.

Submission of Thesis: Submit one copy (also submit the supervisor's copy if you worked in a group) to MME Office by 9.30 am on the day.

Session	Project No.	Thesis Title	Student No.	Supervisor
Session 1 21 May 2023 10.00 am MME Seminar Room Examiners Prof. A. K. M. Bazlur Rashid Prof. Ahmed Sharif and Prof. Mahbub Hasan Coordinator Mr Humayun Kabir Time 8 minutes for Presentation and a maximum of 2 minutes for discussion The presentation shall be terminated at the end of the 8 th Minute. Timekeeping warning after 6 minutes	1.	Effects of Zn on Microstructure and Aging Response of Mg-2Gd-1Y Ternary Alloy	1711003	Dr. Mamun Al Rashed
	2.	Effect of process parameters on CuO thin film synthesized via sol-gel spin coating route	1311020	Dr. Md. Muktadir Billah
	3.	Processing and Thermoelectric Characterization of Synthesized Mxene-Reinforced V2O5 Based Nanocomposite	1711004	Prof. Kazi Md. Shorowordi
	4.	Effects of Zinc on Microstructure and Mechanical Properties of Mg-Gd-Nd Alloy	1711005	Dr. Mamun Al Rashed
	5.	Synthesis and Characterization of xLi _{0.1} Ni _{0.2} Mn _{0.6} Fe _{2.1} O ₄ -(1-x)BaTiO ₃ Multiferroic Composite	1711006	Dr. Takian Fakhrol
	6.	Fabrication of Al-Mg co-doped TiO ₂ Thin Films: Analysis of Structural and Optoelectronic Properties	1711008	Prof. Fahmida Gulshan
	7.	Effect of NaBH ₄ on Conductivity of Reduced Graphene Oxide (RGO) and Enhancing Conductivity in RGO Reinforced PVA Composite	1711009	Prof. Md. Moniruzzaman
	8.	Enhancement of Multiferroic Properties in Ca and Cr co-doped Bismuth Ferrite Nanoparticles	1711010	Dr. Takian Fakhrol
	9.	Structural, electronic and optical properties of Al-Mg co-doped TiO ₂ : A DFT+U study	1711012	Prof. Fahmida Gulshan
	10.	Effect of Cu on Corrosion and Mechanical Behavior of xCu-2.5Mg-5.5Zn-Al Alloy	1711021	Prof. Md. Moniruzzaman
	11.	Synthesis and Characterization of Mxene-Reinforced ZnO Nanocomposite as Potential Photocatalyst	1711024	Prof. Kazi Md. Shorowordi
	12.	Study of structural, magnetic and magnetocaloric properties of La _{1-x} CaxMnO ₃ (x=0.33, 0.38 and 0.43)	1711032	Mr. Md. Miftaur Rahman
	13.	Tensile Behavior of Corroded Reinforcing Steel Bars	1711033	Prof. Md. Aminul Islam
	14.	Effect of Mg doping on the structural, magnetic and magnetocaloric properties of Lanthanum Calcium Manganite	1711041	Mr. Md. Miftaur Rahman
	15.	Opto-structural characterization of Nd-doped CuO thin film via sol-gel spin coating route	1711042	Dr. Md. Muktadir Billah
Session 2 21 May 2023 10.00 am Prof. Ibrahim Library Examiners Prof. Md. Aminul Islam Prof. Fahmida Gulshan Dr. Mamun Al Rashed and Dr. Takian Fakhrol Coordinator Mr Sumit Bhowmick Time 8 minutes for Presentation and a	1.	Polybenzoxazine/CoxMg _{1-x} Fe ₂ O ₄ Nano-Ferrite Composites: Synthesis, Identification and Optical Properties	1711001	Prof. Ahmed Sharif
	2.	Corrosion and conductivity behavior of thermo mechanically treated Al-6063 Alloy	1611014	Prof. A. K. M. Bazlur Rashid
	3.	Corrosion Behaviour of Al-SiC and Al-B ₄ C Metal Matrix Composite	1611025	Prof. Kazi Md. Shorowordi
	4.	Effect of process parameters on CuO thin film synthesized via sol-gel spin coating route	1711002	Dr. Md. Muktadir Billah
	5.	Synthesis and characterization of delta-MnO ₂ nanoflower/WO ₃ composites for energy storage and magnetic applications	1711011	Prof. Ahmed Sharif
	6.	Study of structural, magnetic and magnetocaloric properties of La _{1-x} CaxMnO ₃ (x=0.33, 0.38 and 0.43)	1711015	Mr. Md. Miftaur Rahman
	7.	Thermo Mechanical Treatment of Al-6063	1711016	Prof. A. K. M. Bazlur Rashid
	8.	Manufacturing and Characterization of Sheep Wool Fiber Based Hybrid Polypropylene Composites	1711017	Prof. Mahbub Hasan
	9.	Processing and Thermoelectric Characterization of Synthesized Mxene-Reinforced V2O5 Based Nanocomposite	1711020	Prof. Kazi Md. Shorowordi

Session	Project No.	Thesis Title	Student No.	Supervisor
maximum of 2 minutes for discussion The presentation shall be terminated at the end of the 8 th Minute. <i>Timekeeping warning after 6 minutes</i>	10.	Effect of Cu on Corrosion and Mechanical Behavior of xCu-2.5Mg-5.5Zn-Al Alloy	1711022	Prof. Md. Moniruzzaman
	11.	Opto-structural characterization of Nd-doped CuO thin film via sol-gel spin coating route	1711027	Dr. Md. Muktadir Billah
	12.	Effect of Mg doping on the structural, magnetic and magnetocaloric properties of Lanthanum Calcium Manganite	1711028	Mr. Md. Miftaur Rahman
	13.	Effects of Alkaline and CGO Based Modification on Thermo-Mechanical Behavior and Electrical Conductivity of Jute Fiber Epoxy Composites	1711031	Prof. Mahbub Hasan
	14.	Synthesis and Characterization of Mxene-Reinforced ZnO Nanocomposite as Potential Photocatalyst	1711037	Prof. Kazi Md. Shorowordi
	15.	Effect of NaBH ₄ on Conductivity of Reduced Graphene Oxide (RGO) and Enhancing Conductivity in RGO Reinforced PVA Composite	1711039	Prof. Md. Moniruzzaman
Session 3 21 May 2023 10.00 am OAB 204 Examiners Prof. Md. Moniruzzaman Prof. Kazi Md. Shorowordi Dr. Md. Muktadir Billah and Mr. Md. Miftaur Rahman Coordinator Mr Abrar Rauf <i>Time 8 minutes for Presentation and a maximum of 2 minutes for discussion</i> The presentation shall be terminated at the end of the 8 th Minute. <i>Timekeeping warning after 6 minutes</i>	1.	Corrosion and conductivity behavior of thermo mechanically treated Al-6063 Alloy	1711007	Prof. A. K. M. Bazlur Rashid
	2.	Synthesis and Characterization of xLi _{0.1} Ni _{0.2} Mn _{0.6} Fe _{2.1} O ₄ -(1-x) BaTiO ₃ Multiferroic Composite	1711013	Dr. Takian Fakhrol
	3.	Thermo Mechanical Treatment of Al-6063	1711019	Prof. A. K. M. Bazlur Rashid
	4.	Fabrication of Al-Mg co-doped TiO ₂ Thin Films: Analysis of Structural and Optoelectronic Properties	1711025	Prof. Fahmida Gulshan
	5.	Synthesis, Structure and Optical Properties of Magnesium Substituted Cobalt Nano-Ferrite/Polybenzoxazine Composite	1711029	Prof. Ahmed Sharif
	6.	Enhancement of Multiferroic Properties in Ca and Cr co-doped Bismuth Ferrite Nanoparticles	1711030	Dr. Takian Fakhrol
	7.	Effect of amount and particle size of silica on mechanical and fire resistance properties of silica reinforced epoxy composite	1711034	Prof. Md. Aminul Islam
	8.	Effects of Zinc on Microstructure and Mechanical Properties of Mg-Gd-Nd Alloy	1711035	Dr. Mamun Al Rashed
	9.	Structural, electronic and optical properties of Al-Mg co-doped TiO ₂ : A DFT+U study	1711038	Prof. Fahmida Gulshan
	10.	Study on Weldability of Reinforcing Steel Bars	1711044	Prof. Md. Aminul Islam
	11.	Effect of Entropy Increase on Optical and Magnetic Behaviors of Doped Copper Oxide Nanoparticles	1711046	Prof. Ahmed Sharif
	12.	Corrosion behavior of reinforced bars in concrete containing brick chips, stone chips and steel mill slag	1711047	Prof. Md. Aminul Islam
	13.	Manufacturing and Characterization of Sheep Wool Fiber Based Hybrid Polypropylene Composites	1711048	Prof. Mahbub Hasan
	14.	Effects of Zn on Microstructure and Aging Response of Mg-2Gd-1Y Ternary Alloy	1711049	Dr. Mamun Al Rashed
	15.	Effects of Alkaline and CGO Based Modification on Thermo-Mechanical Behavior and Electrical Conductivity of Jute Fiber Epoxy Composites	1711050	Prof. Mahbub Hasan

- **FILENAME Format:** S1-1.pptx; S2-10.pptx; S3-15.pptx
- Students carrying out their thesis in groups shall prepare slides independently. No need to present the same slides as a group partner.
- Refreshment Break: 11.30 am for 15 minutes. Snacks will be available near the staircases (close to Heat Treatment Lab).
- *Total Management* Mr. Moniruzzaman Jamal
- *Total Coordination* Dr. Mamun Al Rashed

Dr. A K M Bazlur Rashid
Professor and Head