



NOAKHALI SCIENCE AND TECHNOLOGY UNIVERSITY
DEPARTMENT OF APPLIED CHEMISTRY & CHEMICAL ENGINEERING
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SL No.	Thesis Title (Session 2009-10)	Copy
01.	Preparation and characterization of calcium based B10 Grease	02
02.	Synthesis and characterization of hydroxyapatite multiwalled carbon nanotube composite.	
03.	Fabrication and characterization of poly lactic acid nano hydroxyapatite scaffold by freeze thawing in situ synthesized hybrid suspension.	
04.	Preparation and characterization of cellulose nanocrystal reinforced Gelatin biocomposite.	02
05.	Comparative study of different properties between unbleached and bleached jute fiber reinforced polypropylene composites.	02
07.	Development and characterization of hydroxyapatite Chitosan composite.	03
08.	Production of bio-grease from scrap aluminium.	02
09.	Preparation and characterization of Tin oxide based transparent conducting coating for solar cell application.	03
10.	Fabrication and characterization of Jute-mat-unsaturated polyester Resin composites.	02
11.	Development and characterization of ZnO Doped solid state electrolyte and TiO ₂ coating paste for dye sensitized solar cell application.	02
12.	Anti oxidant activity and azadirachtaindica leaves grown in Bangladesh.	
SL No.	Thesis Title (Session 2010-11)	Copy
01.	Preparation and characterization of ZnO-PbO-P ₂ O ₅ Glasses.	04
02.	Isolation & characterization of protein from jackfruit seed flour with wheat flour for development of protein enriched supplementary food.	03
03.	Study of the preparation and characterization of natural rubber/organomodified montmorillonite clay nanocomposites.	03
04.	Study of the preparation and characterization of fireclay filled polyester resin and powdered glassfiber filled polyester resin composite.	03
05.	Preparation of carboxymethyl chitosan from shrimp shell and evaluation of the effect of concentration of monochloroacetic acid on carboxymethylation reaction.	03

06.	Development of light weight insulating bricks from china clay	02
07.	Isolation and characterization of protein from turmeric (curcuma longa) of Bangladeshi origin.	03
08.	Utilization of iron oxide (Iron Oxide- II ,Iron Oxide- III , Magnetite,wustite) for development ceramic tiles.	02
09.	Preparation and characterization of Quartz and Iron Oxide (Rust) filled polyester resin composites using styrene monomer.	03
SL No.	Thesis Title Session (2011-12)	Copy
01.	Preparation of hydroxylapatitenanocrystals from egg shells and its biomimetic nanocomposites for regerative bone tissue engineering.	01
02.	In situ processing and properties of hydroxyapatite alginate nanocomposite for biomedical application.	02
SL No.	Others	Copy
01.	In plant Training at Eastern Refinery Limited.	01
02.	Preparation and characterization of Jute,Cantala, and okra filled polester resin composites using styrene monomer	03
03.	Effect of layers on the mechanical properties of the metal-mat polyester composite	04
04.	Optimisation of synthesized hydroxyapatite and poly lactic acid composite film	03
05.	Effect of different anions on corrosion behavior of leaded brass	02
06.	Effect of layers on the mechanical properties of the jutemat reinforced polyester resin composite	03
07.	Isolation,evaluation of amino acid pattern and assessment of functional properties of protein from ginger rhizome (zingiberofficinale)	02
08.	Effect of process parameters on the production of β -tri calcium phosphate (β -TCP)	01
09.	Detoxification of textile sludge using Gamma radiation and applications as bio-fertilizer.	01
10.	Synthesis and characterization of hydroxyapatite-graphite(HAP-GK) composites	04
11.	Evaluation of chemical and biological activities of ethanolic fractional extracts of sarcochlamyspulcherrima leaves. (Family : Urticaceae)	01
SL.NO.	Project paper (Session 2008-09)	Copy
01	Desalination.	01
02	Project paper on soap.	01