

Selected Technologies Ready for Commercialization

S. No.	Title of Technology/ Process	Unit/ Labs.
NANO TECHNOLOGY		
1.	Hydroxyapatite: a better bone substitute	LLC
2.	Plasma coated Hip Joints	LLC
3.	Bio Implants	LLC
4.	Development of Load Cell	LLC
5.	Development of Ferrite Magnets	LLC
6.	Development of 24 different Bio compatible orthopedic Implants	LLC
7.	Development of Biocompatible coatings on Bio Implant for THA (Total Hip Arthroplasty	LLC
HI- TECH/ ADVANCE ENGINEERING		
8.	Development of Plasma coatings (Tungsten Carbide)	LLC
9.	Ozone Generator	LLC
10.	Walk through gate (for security purpose	LLC
11.	Metal detector (for security purpose)	LLC
12.	Nano-composite coatings	LLC
13.	Development of Alumina Ceramic coatings on Hot Plates	LLC
14.	Development of AlTiNi coatings on different surgical tools	LLC
15.	Alumina ceramic coating (Plasma) on Plunger	LLC

AGROCHEMICALS/ AGRICULTURE		
16.	Process for the production of Z-Grow	KLC
17.	Process for the production of Enviroguard.(Patented)	KLC
18.	Pak Humi Zinc (Solid Granular Form)	FRC
19.	Subzazar (Liquid Form)	FRC
20.	Detoxification of highly contaminated cottonseed cake Feed.	LLC
TEXTILE & PAPER		
21.	Industrial Grade Tale Products Paint, paper and Plastics	LLC
22.	A process of yarn lubricating agent Textile	LLC
METAL PROCESSING		
23.	Process for the Preparation of Degreasing Agent as Import Substitute	PLC
CONSTRUCION		
24.	Lightweight Aggregate from Slate and Shale	PLC
25.	Tile Glue Cement	PLC
26.	Development of Ceramic Crucible for Carbon Sulphur Analyzer Ceramics	LLC
27.	Development of low cost rapid hardening high strength hydraulic cement	LLC
28.	Development of Ceramic Muffles For Electrical Furnaces	LLC
29.	Partial replacement of cement with Meta Kaoline	LLC

WATER PURIFICATION		
30.	Application of composite with functional coating related to drinking water purification and sterilization process	KLC
INDUSTRIAL CHEMICAL		
31.	High Purity Graphite Powder (used in pencils, battery electrodes, refractories)	LLC
32.	Magnesium stearate (Commercial grade)	LLC
33.	Cobalt Octoate (Commercial grade)	LLC
34.	Piprazine citrate (drugs that expel parasitic worms from the body)	LLC
35.	Lead free frit for ceramic industry (for glazing of floor tiles, wall tiles, sanitary wares and table wares)	LLC
36.	Cotton Seed for Aflatoxin Removal	LLC
37.	Alkaline Bacterial Proteases	LLC
HERBAL PRODUCTS		
38.	Olitrol - Cholesterol Lowering Herbal Product	PLC
39.	Herbal Analgesic Cream(Captus)	PLC
40.	Magic Oil – For relieving of arthritis, leg cramps and muscular pain	PLC
41.	Anti-wrinkle and Anti-aging Cream (Age Care Cream)	PLC
42.	Mospel (mosquito repellent) Anti-Dengue.	LLC
43.	Papaya pomegranate syrup (for cure of dengue fever)	LLC

44.	Herbal, Halal and Perfume Free Hajj Kit	KLC
45.	Herbal anthelmintic formulation for veterinary use.	LLC
FOOD INDUSTRY		
46.	Bitter Gourd Tea (Anti diabetic) Food Industry	LLC
47.	Blended Wheat Flour (for Diabetic Patients)	LLC
48.	Dehydration of fruit and vegetables	LLC
49.	Food Supplement for Orthopedic Patients	LLC
50.	Dried Mango Slice	LLC
51.	Development of liquid nutrient solution for vegetable crops	LLC
52.	Process for the Preparation of Sea buckthorn Fruit Powder Drink	PLC
53.	Process for the Preparation of Balanced Food Supplement. (Nutradiet)	PLC
54.	A process for the preparation of Date Squash from yellow dates (Khalal stage)	KLC
ENERGY SECTOR		
55.	Biogas Technology	LLC
56.	RDF : As an alternative energy fuel produced from Municipal Solid Waste	LLC
57.	Coal Water Slurry	LLC
ENVIRONMENTAL TECHNOLOGY		
58.	Process developed for the treatment of soap industry effluent.	KLC

COSMETICS		
59.	Gold substitute Alloy (for use in Jewellery)	LLC
LEATHER		
60.	Formulation for Tubeless Puncture Ceiling	LLC
61.	Preparation of Gasket for high pressure jack oil and water seals machine, belt etc.	LRC
62.	Dotted Effect on Goat & Sheep Skin Leather for Leather Garments.	LRC
EQUIPMENT		
63.	Digital Conductivity meter	KLC
64.	Digital pH meter	KLC
65.	Water De-ionizer Unit	KLC
66.	Baby Warmer	KLC
67.	Crucible Furnace	LLC
68.	Digital Melting Point Apparatus	LLC
69.	Drying Oven 30 L. Analogue	LLC
70.	Digital Drying Oven 30 L.	LLC
71.	Four in one Precision Hot Plate	LLC
72.	Heavy Duty Hot Plate 400 °c Digital	LLC
73.	Hot & Cold Heavy Duty Water Bath 800 L.	LLC
74.	Muffle Furnace-1200 °c	LLC
75.	Tube Furnace -1200 °c	LLC
76.	Adiabatic Bomb Calorimeter	LLC