

PAKISTAN COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH (PCSIR)

LIST OF PRODUCTS READY FOR COMMERCIALIZATION

S.#	Name of Process / Product / Technology
PCSIR Labs Complex, Karachi	
1.	Removal of Arsenic from Drinking Water Using Graphene Oxide-Immobilized Zero-Valent Iron and Sulfide System
2.	Mass Multiplication of Banana through Tissue Culture techniques
3.	Sugarcane tissue culture process
4.	"HiCal" is an import substitute fertilizer (water soluble calcium, magnesium, nitrate based liquid fertilizer)
5.	N-Plus fertilizer
6.	Liquid Potash 30% fertilizer
7.	Chelated Liquid Potash (22%)
8.	Liquid Phosphorus 23% Urea+H ₃ PO ₄ +KOH+ZnSO ₄
9.	Solid Fertilizer: NPKZ 18:18:18:2
10.	Solid Fertilizer: NPKZn 20:20:20:2.5
11.	Solid Fertilizer: NPKZ 20:20:20:2
12.	Liquid Phosphorus (23%)
13.	Potassium Chloride (Analytical Grade 99%)
14.	Potassium Sulphate (Analytical Grade 99%)
15.	Zinc Sulphate (Analytical Grade 99%)
16.	Barium Chloride (Analytical Grade 99%)
17.	Sodium Acetate (Analytical Grade 99%)
18.	Copper Sulphate (Analytical Grade 99%)
19.	Anti-carburizing Paste
20.	Biodegradable Polymeric Material
21.	Fertilizer -Phytofix
22.	Sulfur 80% WP
23.	Termite treatment for Bamboo
24.	Seaweed Based Liquid Fertilizer
25.	Liquid fertilizer NPK 8:8:8
26.	Liquid fertilizer Liquid Potash (Potassium30%)

S.#	Name of Process / Product / Technology
27.	Hi K (Liquid Potash 10 %)
28.	Liquid fertilizer Z grow (10% Zinc)
29.	Manganese sulfate solution (fertilizer)
30.	Calcium booster (liquid Chelated fertilizer with Magnesium)
31.	High End Phosphorus fertilizer with Trace elements
32.	Amino acid production from human and animal hairs to use in fertilizer
33.	Cotton Gro (Foliar spray specially designed for growth promotion of cotton, soybean and peanuts)
34.	Sarsabz (Foliar spray for the growth promotion of plants)
35.	Auto parts manufacturing Industry effluent treatment by precipitation and neutralization
36.	Organic based Radiator Coolant
37.	Light Feature Tester
38.	Three-way Security Checker Pen
39.	Synthesis of Nano -Crystalline Cellulose from paper pulp
40.	Formulation of Ink for Self-Stamp
41.	Tyrosinase Enzyme
42.	Phytase Enzyme (for better growth of animals)
43.	Enzyme solutions (Maltase, Cellulose, Amylase, Pectinase, Proteases and Lipase)
44.	Spray dried colostrum milk powder
45.	Golden Beet Root juice
46.	Golden tomato juice
47.	Honey Dates
48.	Carrot Chips
49.	Banana Chips
50.	Apple Chips
51.	Persimmon Candies
52.	Ready to Eat Wheat Bran Breakfast Cereal
53.	Alkaline water recipe
54.	Submerged Fermentation Process for the Production of Bio-Protein Using Black Mold and Sugarcane Bagasse
55.	Aflatoxin Detox Process: Scalable Detoxification of Aflatoxin-Contaminated Maize Using Safe Silica Adsorbents

S.#	Name of Process / Product / Technology
56.	Natural Bacteriocin-Based Bio preservation Process for Refrigerated Meat Shelf-Life Extension
57.	Calcium based Energy Drink in Powder Form
58.	Caffeine Free Energy Drink
59.	Aloe vera Drink
60.	Antiseptic Solution
61.	Infant Incubator
62.	Baby Warmer
63.	Essential Oil Based Remedies for Colic Pain in Infants
64.	Topical Analgesic Cream for Pain
65.	Herbagesic Balm
66.	Ummu-Shifa VapoRub
67.	Herbal Tea
68.	Anti-inflammatory topical cream
69.	Eczema relief ointment
70.	Anti-diabetic Capsules (Effective in type-II diabetes)
71.	Rectolax Powder (Anti-constipation powder)
72.	Anti-ulcer capsules
73.	Herbal Medicated Hair Oil
74.	Rub-N-Run (Herbal analgesic balm)
75.	Raphanofax (Skin ointment: antifungal)
76.	Dermaguard (Antifungal ointment)
77.	Herbal Analgesic Oil
78.	Herba Shield (Antiseptic & wound healing tincture)
79.	Moringa Analgesic Cream
80.	Antioxidant Herbal Tea
81.	Floor cleaner (liquid)
82.	Disinfectant Solution (Multiple surfaces)
83.	White Phenyl (Concentrate & Ready to Use)
84.	Liquid Laundry Detergent (Phosphate and sulfate free)
85.	Kitchen Cleaner (for Kitchen germs, stubborn grease and grime)
86.	Liquid Cleaner for Terry towels used in Kitchen

S.#	Name of Process / Product / Technology
87.	EP Air Purifier to Reduce Corrosion in Data Centers.
88.	Portable Flue Gas Analyzer
89.	Potentiometric Ion Analyzer
90.	Thermocouple Calibrator
91.	Testing Apparatus for Thermal Conductivity of Metals
92.	Portable pH Meter
93.	Digital Conductivity Meter
94.	Digital pH Meter
95.	Digital Electrophoresis Apparatus
96.	Water De-Ionizer Unit
97.	Cooled Incubator (-20 to 50 °C)
98.	Chitosan (gelling agent)
99.	Hypo-allergenic Protein Energy Bars Enriched with Hemp Seeds
100.	Vegan milk emulsion based on hemp and pistachio seeds for lactose-intolerant people
101.	Hemp seed Based Protein Powder
102.	Hemp Seed Based Jam
103.	NOUZIA herbal tea
104.	Cranbax Soft Drink Powder
105.	Aloe gel from Aloe barbadensis
106.	Famvic Syrup (Fish syrup)
107.	Pin Hole Tester
108.	Hajj Kit (Formulated to use during performance of Hajj or Umrah, Free from haram (prohibited) ingredients & Perfume, Comprising of Herbal shampoo, Face & body Wash, Herbal body lotion, Anti-crack cream, Lip-Balm and Herbal soap)
109.	Hand sanitizer gel
110.	Beauty Whitening Cream
111.	Hair Treatment Oil
112.	Liquid Hand Wash
113.	Hair Setting Gel
114.	Face Scrub
115.	Aloe vera based body lotion & cream
116.	Night Moisturizing cream
117.	Herbal Acne cream & lotion

S.#	Name of Process / Product / Technology
118.	Onion Extract Plus Aloe Vera based herbal Shampoo
119.	Herbal Fairness Cream
120.	Herbal Face & Body Wash
121.	Herbal Anti-crack Cream
122.	Lip-Balm
123.	Lens-Care (Multipurpose contact lens solutions)
124.	Mosquito Repellent Solution
125.	Prickly Heat Lotion (Medicated)
126.	Ultrasound Gel
127.	Hemp Hydrating Sunscreen Spray
128.	Hemp Body Massage Oil
129.	Anti-Acne Oil Enriched with Hemp Extract
130.	Hemp seed Cuticle and Nail oil
131.	Hemprise-Eye Serum
132.	Hemp Mud Mask
133.	Cannabis seed oil-based Soap
134.	Zinc oxide-based Rashes Healing Ointment
135.	Pain Relieving Herbal Balm/Oil/Gel
136.	ORS Powder
137.	“Colibid” Lactase Drops (Enzyme Based Lactose Reducing Formula)
138.	Anti-marks Cream
139.	Artificial Saliva for xerostomia (Drying mouth)
140.	Removal of ink component from ink effluent by chemical treatment
141.	Laboratory Water Purification Technology
142.	Testing Apparatus for Water Pump
143.	Amylase enzyme stable at room-temperature
144.	Training Apparatus for pH Control System
145.	Training Apparatus for Refrigeration Cycle (Mechanical Heat Pump)
146.	Training Apparatus for Distributed Control System (DCS)
147.	Temperature Process Station / Practical Bench
148.	Flow Process Station / Practical Bench

S.#	Name of Process / Product / Technology
149.	Level Process Station/Practical Bench
150.	Ultra Filtration Drinking Water Purification Plant
151.	De-fluoridation Water Treatment Technology
152.	Antiscalant Liquid for R.O. Plant
PCSIR Labs Complex, Lahore	
153.	Nano Fertilizers
154.	Fertilizer Grade Phosphate Concentrate
155.	High Purity Graphite Concentrate
156.	Stevia powder
157.	Dissolution Performance Tablets
158.	Drum Filter
159.	Acute Inhalation Toxicity System
160.	Graphene and Graphene based Nano composites
161.	Customized Low Cost Precised & Calibrated Lab Equipment (Furnace, CSTR Bioreactor, Centrifuge, Shaker, Rotamentle, Oven, Hot Plate, Magnetic Stirrer.)
162.	Refused Derived Fuel (RDF)
163.	Pak Pani Sachet
164.	Hemp Based Variable Products (Apricot, Mango, Peach, Falsa, Orange Based Hemp Squashes & Drinks), Hemp Hair Oil, Shampoo, Moisturizing Cream, Facial Wash, Hand Wash etc
165.	Sibyl Hair Oil
166.	Sibyl Ficial Wash (Rose)
167.	Sibyl Ficial Wash (Termeric)
168.	Sibyl Ficial Wash (Chamomile)
169.	Sibyl Hand Wash
170.	Sibyl Whitening Cream
171.	Sibyl Lipstick
172.	Sibyl Shampoo
173.	N-butyl acetate
174.	LCD cleaner
175.	Pepper spray
176.	Car interior cleaner
177.	Diocetyl terephthalate

S.#	Name of Process / Product / Technology
178.	Diocetyl terephthalate
179.	Potassium humate
180.	Brake oil DOT 3
181.	Heat reflective coating
182.	Starch spray
183.	Cutting oil emulsion
184.	Acrylic sizer
185.	Fat liquor
186.	Chalek
187.	Dewax
188.	Potassium citrate
189.	Potassium nitrate
190.	Automobile compound polish
191.	Calcium stearate
192.	Non-drop grease
193.	Aluminum trihydroxide
194.	Lead concentrate 60%
195.	Non-ionic softener
196.	Nano filter
197.	Acid yellow
198.	Silica gel desiccant
199.	Chromic acid
200.	Beta-naphthol
201.	Nano filter material with clay
202.	Copper sulfate
203.	Lead-free transparent frit
204.	Rubber bio-wing agent
205.	Herbal anthelmintic
206.	Direct Red 16
207.	Precipitated silica
208.	Silica gel MS
209.	Acid black

S.#	Name of Process / Product / Technology
210.	Graphite concentrate
211.	Direct Red 31
212.	Degreasing agent
213.	Lead stearate
214.	Biofertilizer
215.	Zincol ST
216.	Nutri Max
217.	Anti Diabetic Tea
218.	Citrus Pectin
219.	Moringa Jamon Tea
220.	Slim Fast
221.	Egg Powder
222.	Mosquito Repellent
223.	Vegetable Flakes
224.	Fruit Flakes
225.	Moskil
226.	AR Grade Acis (HCl, H ₂ SO ₄ , HNO ₃)
227.	Clean Room Air Detoxifier
228.	Juices
PCSIR Labs Complex, Peshawar	
229.	Captus (Herbal Analgesic cream)
230.	Curezema Cream (Herbal Healing)
231.	Aknikure Cream (For Acne)
232.	Skabkure (Anti Scabies cream)
233.	Magic Oil (Muscular Pain Relieving Oil)
234.	Olitrol (Herbal Cholesterol lowering Product)
235.	Skin Whitening cream (Herbal) 25gm
236.	Agecare Cream (Anti-Wrinkles) 25gm
237.	Biotrib (Herbal Tonic)
238.	Herbal Anti Dandruff Hair Oil
239.	Herbal Anti Hair Face Oil
240.	Herbal Shampoo

S.#	Name of Process / Product / Technology
241.	Hair Lotion
242.	Anti Acne Cream
243.	Neem Soap
244.	Moisturizing Cream
245.	Mixed Oil Soap
246.	Coconut Soap
247.	Skin Care Herbal Oil
248.	Dengue Herbal Drops
249.	Prostopalm (Herbal product for Prostrate)
250.	Polymucil (For IBS, Sugar free)
251.	Wonder Meat (Soybean based Protein Product)
252.	Herbal Drink (Natural Red Syrup)
253.	Carbonated Sugarcane Juice
254.	Citrablend
255.	Tamarind Fruit Juice
256.	Apple Jam
257.	Cannaderm Clear
258.	Basil Leaves
259.	Stevia Powder
260.	Rosemary
261.	Chamomile Tea
262.	Spearmint Leaves
263.	Drumstick Powder
264.	Rose Geranium Tea
265.	Flax Seeds
266.	Kalonji Oil
267.	Coolant
268.	Electro Battery Water
269.	5KW PV-ON Grid Inverter
270.	Mango Nectar
271.	Guava Nectar
272.	Apple Slab

S.#	Name of Process / Product / Technology
273.	Mango Squash
274.	Adhesive Bond
275.	Ceramic Grout
276.	Aluminum Hydroxide
277.	Lightweight Aggregate
278.	Zinc Carbonate
279.	Zeolite 4A
280.	Superabsorbent Polymer (SAP)
281.	Marble (From Marble Waste Slurry)
282.	Ultra Marine Blue Pigment
283.	Sodium Nitrate
284.	Magnesium Sulphate
285.	Magnesium Hydroxide
286.	Calcium Carbonate (Food Grade)
287.	Calcium Carbonate (Coated)
288.	Rice Husk Ash
289.	Livergen Sachet
290.	Fragrance free Coconut Soap
291.	Olive Leaf Tea
292.	Curry Pata
293.	Tulsi Leaves
294.	Melissa Lip Balm
295.	Herb C Glow
296.	Jasmin Perfume
297.	Moringa Powder
298.	Comfrey Herbal Salve
299.	Rose Petals
300.	Ashwagandha Powder
301.	Green Chilli Sauce
302.	Natural Raisins Vinegar
303.	Apple Aloe vera Spread
304.	Natural Apple Cider

S.#	Name of Process / Product / Technology
305.	Sillybum Seeds
306.	Herbal Extract bAse Honey
307.	Dhamasa Booti Powder
Fuel Research Center, Karachi	
308.	Hybrid Fuel Briquettes
309.	Bio Coal Fuel – for Boilers and Power Plants
310.	Subzazar Humic Acid (Liquid and Granulated)