

## Total Need Based R&D Projects Phase-II

S.#	Name of Project
1.	<ul style="list-style-type: none"> <li>• Design and Development of Low Cost “Smart Flame Photometer.</li> </ul>
2.	<ul style="list-style-type: none"> <li>• Development of Color Matching/Color Assessment Cabinet (Digital). (Five Light Sources: TL84, CWF, UV, and F/A).</li> </ul>
3.	<ul style="list-style-type: none"> <li>• Up gradation and modification of biofertilizer.</li> </ul>
4.	<ul style="list-style-type: none"> <li>• Production of food grade natural pink dye from indigenous sources and its application on food items.</li> </ul>
5.	<ul style="list-style-type: none"> <li>• Enhanced Material Development for Small Arms Barrel.</li> </ul>
6.	<ul style="list-style-type: none"> <li>• Phytoremediation A Green Technology for Industrial Waste Water Treatment</li> </ul>
7.	<ul style="list-style-type: none"> <li>• Production of micronutrients (ferrous/iron sulphate, copper sulphate, manganese sulphate and zinc sulphate for poultry feed on semi-pilot scale (from scarp and indigenous sources).</li> </ul>
8.	<ul style="list-style-type: none"> <li>• Development of Hybrid Fuel –A clean coal Technology for alternate energy</li> </ul>
9.	<ul style="list-style-type: none"> <li>• Nano colorants for Leather Dyeing: Synthesis and commercial applications.</li> </ul>
10.	<ul style="list-style-type: none"> <li>• Developing clean technology in leather tanning finishing process.</li> </ul>
11.	<ul style="list-style-type: none"> <li>• Production of Herbal Products from <i>Nepta Praetervisa boiss</i>, <i>Polycharia sp.</i> and <i>Scriphedium quettensis</i> of Baluchistan.</li> </ul>
12.	<ul style="list-style-type: none"> <li>• To study the effect of photo- catalysts on the efficiency of water desalination by solar energy.</li> </ul>
13.	<ul style="list-style-type: none"> <li>• Processing of seabuckthorn and its addition for industrial feasible food product and cultivation /propagation of seabuckthorn plants at farm field to overcome the dependency on wild produce.</li> </ul>
14.	<ul style="list-style-type: none"> <li>• Buckwheat based gluten free product development for gluten sensitive/allergic people.</li> </ul>