

<b>Process code</b>	<b>Name of the process</b>
<b>CEPC-NAIP 1 shell</b>	<p><b>Low cost method for anacardic acid extraction from cashew nut</b></p> <p>Anacardic acids do have many industrial and medicinal applications with established anticancer activity and the cost of which falls on a higher side. It is very much demand in the international market</p>
<b>CEPC-NAIP 2</b>	<p><b>Pollution controlling system [PCS ]</b></p> <p>It reduces environmental pollutions viz. sulphate, nitrate and carbonate from the drum roasting cashew processing units and creates green atmosphere</p>
<b>CEPC-NAIP 3</b>	<p><b>Cellulase Production from cashew shell cake</b></p> <p><i>Cellulase</i> is widely used in food industry and textile industry. The recycling of the waste is being effected</p>
<b>CEPC-NAIP 4</b>	<p><b>Pectinase Production from cashew shell cake</b></p> <p>They are one of the important functional food ingredients in jams, jellies, fruit juices, confectionery products, bakery fillings and are used for stabilization of acidified milk drinks and yoghurts</p>
<b>CEPC-NAIP 5</b>	<p><b>Tannase Production from cashew testa</b></p> <p><i>Tannase</i> is extensively used in the food, feed, beverage, brewing and pharmaceutical industries</p>
<b>CEPC-NAIP 6</b>	<p><b>Bioremediation technology</b></p> <p>This technique is used for CNSL polluted surface of the cashew processing unit and creating a green atmosphere for the working group as cashew shell liquid is irritant to human being</p>
<b>CEPC-NAIP 7</b>	<p><b>Immobilized bioremediation</b></p> <p>Recycling of waste water from cashew industry can be possible</p>
<b>CEPC-NAIP 8</b>	<p><b>Polymerised compound from residol</b></p> <p>It provides resistance to moisture and weathering, good green strength and surface finish to moulded articles</p>
<b>CEPC-NAIP 9</b>	<p><b>Mechanical peeler</b></p> <p>It is simplest, cheaper and will cost only below Rs.40,000/-</p>
<b>CEPC-NAIP 10</b>	<p><b>Non thermal technology for cutting and peeling of raw cashew nut</b></p> <p>Simplest, cheaper, less time consuming, non thermal and non-enzymatic scission of cashew nut shell is possible and prevents decarboxilation of anacardic acid.</p>

**CEPC-NAIP 11**

**Storage management protocols for raw cashew nuts**

Better storage parameters and shelf life for RCN

**CEPC-NAIP 12**

**Nanocellulose from cashew by products**

Nanocellulose finds its use in medical purpose, designing of nanostructures, control of interfacial interactions & assembly into systems development.