

<b>Project Agreements (Consultancy services, Technical services and Secrecy Agreements)</b>			
<b>S.No</b>	<b>Year</b>	<b>Project Title</b>	<b>Date of signing</b>
1	2019-2020	Preparation of DPR for Building Biogas Bottling Plant for the Anaerobic Co-digestion of tannery sludge waste, food waste and vegetable waste.	25-Apr-19
2		To conduct comprehensive environmental audit of the slaughterhouse	17-May-19
3		To undertake the activity of comprehensive study on supply chain of footwear industry including of shoe, leather items and shoe components sectors in Angola.	5-Jul-19
4		Evaluation of one of product for use in Vegetable tanning/Retanning	21-Aug-19
5		Evaluation of Antifungal efficacy of five different formulations under in-vitro and in leather processing	21-Aug-19
6		Conductance of Comprehensive environmental audit of the slaughterhouse	28-Oct-19
7		Preparation of DPR for the establishment of the tannery for producing wet blue leather from skins	18-Dec-19
8		Preparation of Business proposition for 6 Mini Leathers Parks in Telangana State	12-Mar-20
9	2020-2021	To conduct comprehensive environmental audit of the slaughter house	29-Jun-20
10		Optimization of antiviral.antibacterial chemical for leather application	13-Jul-20
11		Optimization of use of SUR-VIRAL C19 in leather finishing	21-Jul-20
12		Leather material study for handicraft sector in India.	19-Nov-20
13		Secrecy agreement for fabrication of prototype	7-Dec-20
14		Technical consultancy and support connected to standardizing the process of pre-treatment of tannery wastewater using electro-coagulation unit and demonstration to tanneries at kanpur.	22-Mar-21
15	2021-2022	Nanocomposite bioactive interpenetrating polymeric network scaffolds for bone repair and regeneration.	22-Apr-21
16		Evaluation and Optimization of ATFD mixed salt for leather application	29-Apr-21
17		Developing a process for the manufacture of Basic Chromium Sulphate (BCS) from the spent acid waste.	10-Jun-21
18		Maximum Credible Accident and Consequence (MCAC) analysis study and on-site Emergency planning	3-Sep-21
19		Secrecy agreement for user evaluation of new product	5-Oct-21
20		Setting up a plant producing organic supplement product from animal hair.	6-Oct-21
21		Technical intervention for better management of testing laboratory for benefit of user industry	23-Oct-21
22		Development of mango pulp based leather like material.	26-Oct-21
23		Foot survey regarding Revision of standard footwear sizing	22-Nov-21
24		Secrecy agreement for user evaluation of a product developed out of solid waste	30-Nov-21
25		Foot survey regarding Revision of standard footwear sizing	6-Dec-21
26		Establishment of Testing Laboratory	27-Dec-21
27		Preparation of DPR for 6 mini Leather Parks at Telangana State.	29-Dec-21
28		Leather like material using the Mycelium source supplied	10-Jan-22
29		Preparation of Detailed Project Report (DPR) for setup a Common Facility Centre (CFC) at Badarkha, Ahmedabad.	31-Jan-22
30		Evaluation of Sodium Sulphide for its efficacy as unhairing agent.	23-Mar-22
31		To conduct comprehensive environmental audit of the slaughterhouse: M/s. Al Hamd Agro Food Products Private Limited.	31-Mar-22

32		To conduct comprehensive environmental audit of the slaughterhouse of M/s. AL-DUA Food Processing Private Limited.	31-Mar-22
33	2022-2023	Collaboration for Academic Programmes and Research & Development	9-May-22
34		To provide design for electro-chemical treatment plant for the client of M/s. Smaart Engineers.	30-May-22
35		To develop an automated process for manufacturing Collagen sheet useful for wound.burn care management	12-Aug-22
36		To study the electro-coagulation prototype developed by the client for the pre-treatment of tannery wastewater at lab and production environment.	28-Oct-22
37		Preparation of Environmental Audit report.	7-Nov-22
38		Vetting of Equipment specification for the establishment of Common Facility Centres for (i) 144 Micro Tanners and (ii) Shaving Scrap burners.	24-Nov-22
39		Quantitative Risk Assessment studies for Chloro-Alkali facility	13-Dec-22
40		Collaborative Programmes in R&D	28-Dec-22
41		Clinical validation of Knee Ankle Foot Orthosis	18-Jan-23
42		To assess suitability of the hand gloves developed by CSIR - CLRI for low temperature application.	15-Feb-23
43		Fabrication of the prototype for fully functional GLOVES based on the design supplied by CSIR-CLRI	20-Mar-23
44		To conduct comprehensive environmental audit of the slaughterhouse: M/s. Al Ammar Frozen Foods Exports Private Limited.	31-Mar-23
45	2023-2024	Risk Analysis and MCAC Study for the existing & proposed Metal Powders manufactured at the Metal Powder Company	24-Apr-23
46		Preparation of DPR for Manufacturing of Value-added Products from Process Solid Wastes.	01-May-23
47		Development of Technology for Preparation of Regenerated Leather from Tannery Solid Wastes.	10-May-23
48		Preparation of nanosized Iron Oxide Pigments from Pickling Spent Liquid.	31-Aug-23
49		Modular gloves and relevant technical as well as commercial INFORMATION for the purpose of the BID Process.	15-Sep-23
50		Development of sustainable rubber based leather –like materials.	26-Sep-23
51		Conductance of Process Audit for Erode Tanners.	31-Oct-23
52		Development of Bio-products from collagen	31-Oct-23
53		Testing and user evaluation of the product for making sports goods (Agro Waste)	31-Oct-23
54		Design and develop a process for making Harness Leathers from wet salted Buffalo hides.	01-Nov-23
55		Evaluation of Extracts from Agricultural by-product (Areca Nut) for Leather Application	01-Nov-23
56		Setting up of and operating a skill development centre	22-Nov-23
57		Establishment of a pilot plant for producing microcrystalline cellulose (MCC) from agricultural waste.	29-Dec-23
58		Testing of Two types of BCS	01-Feb-24
59		Value Added in Hide Processing & Pollution Attenuation	02-Feb-24
60		Preparation of Roadmap for the Development of Leather Value Chain in Maharashtra.	26-Feb-24
61		Preparation of Business Feasibility Report for Establishing a Gelatin Manufacturing Plant (using hide/skin) in India.	14-Mar-24
62		Evaluation of Sodium sulphide for application in leather processing	29-Feb-24

63	Demonstration of Cleaner Technologies in Kanpur Tanneries.	29-Feb-24
64	Hazard & Operability (HAZOP) and Risk Assessment Study for the Fertilizer Manufacturing Facility of Coromandel International Limited, Ennore.	26-Mar-24

Technology Transfer Agreements			
S.NO	Year	Technology Title	Date of signing
1	2019-2020	Waterless Chrome Tanning Process	13-Aug-19
2		Design Package on Protective Gears	1-Feb-20
3		Fluidized Immobilized Carbon Catalytic Oxidation (FICCO) based sewage treatment plant	18-Mar-20
4	2020-2021	Zero Wastewater Discharge (ZWD) Technology using Electro Oxidation (EO)	7-Mar-20
5		Waterless Chrome Tanning Process	26-Mar-21
6	2021-2022	Waterless Chrome Tanning Process	29-Sep-21
7			30-Sep-21
8		A process for the preparation of Organic Supplement from animal hair	6-Oct-21
9		Waterless Chrome Tanning Process	22-Oct-21
10			30-Oct-21
11			27-Jan-22
12			27-Jan-22
13			27-Jan-22
14			27-Jan-22
15			7-Feb-22
16			25-Feb-22
17			25-Feb-22
18			25-Feb-22
19			25-Feb-22
20			25-Feb-22
21			28-Feb-22
22			2-Mar-22
23			2-Mar-22
24			11-Mar-22
25			11-Mar-22
26			11-Mar-22
27			11-Mar-22
28			11-Mar-22
29			11-Mar-22
30			11-Mar-22
31		Waterless Chrome Tanning Process	12-May-22
32			12-May-22
33			12-May-22
34			12-May-22
35			12-May-22
36			13-May-22
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50	A process for the preparation of a novel protein-based synthetic tanning agent from chrome shavings dust.	11-Aug-22
51	Wheat straw based Leather like material	23-Aug-22
52	Utilization of the Chrome shavings for the manufacture of Basic Chromium Sulfate	1-Sep-22
53	2022-2023 Waterless Chrome Tanning Process	9-Sep-22
54		16-Nov-22
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57		18-Nov-22
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74	Process Technology of preparation of Pseudo-corium, a leather like material.	21-Jan-23
75	Waterless Chrome Tanning Process	30-Jan-23
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95	Transfer of Know-how of Manufacturing of Value-added Products from Process Soldi Wastes.	01-May-23
96	Making mango-based leather like material in making consumer products	01-May-23
97	Preparation of synthetic tanning agents using the protein hydrolysate from chrome shavings	26-Sep-23

98	2023- 2024	Plant based leather-like material (Rice Straw)	20-Dec-23
99		Waterless Chrome Tanning Process	02-May-23
100			02-May-23
101			08-May-23
102			06-Nov-23
103			06-Nov-23
104			06-Nov-23
105			06-Nov-23
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111			06-Nov-23
112			06-Nov-23
113			06-Nov-23
114			06-Nov-23
115			06-Nov-23
116		Co-digestion of Organic Fraction of Leftover Food Waste, Vegetable Peels and Fruit Peels for Biogas Generation.	19-Feb-24