

MOU signed with CSIR-NML from 2019

SN	Title	Client/Sponsor
1	Transfer of Know-How(Laboratory Scale) for extraction of precious metals(Au,Pt,Pd) from the metallic concentrate of PC-PCBs	Private Industry
2	Development of Briquetting technique for utilization of Steel plant solid waste	PSU
3	XRF,ICP-MS and HG-AAS analysis of sediments and Soil samples	Geological Survey of India
4	Intellectual cooperation scholarly exchange and the development of national partnership with leading institution .	IIT, Kanpur
5	Development and transfer of a process Know-how/technology for the production of electrolytic zinc powder from zinc dross (Know-How).	Private Industry
6	Transfer of Know-How for a process for Production of Highly Metallized DRI from Mill Scale & Lean Grade Non-Coking coal in Tunnel Kiln	Private Industry
7	Development of high strength Zn-based biodegradable alloys for orthopedic applications	Private Industry
8	"Working Relationship" on joint guidance to students in project/thesis,faculty/scientist exchange,and sharing of e-journal resources	Private Industry
9	Agreement for Intellectual Property management plan for Industry-Academia Research & Development Programme	Private Industry
10	General Collaboration Agreement	NIT, Jamshedpur
11	Development of adherent Zn coating on Mg-Zn-Mn alloy for enhancing implant life	Private Industry
12	Fabrication of Electronic Packages for the development of ultrasonic flowmeter	Private Industry
13	Agreement for utilising the technical infrastructure, laboratory facilities, technical expertise and availing consultancy services of NML	Govt (Defence)
14	Development of Indigenous Technology for Production of Sodium Metal at Commercial Scale (Consultancy)	Private Industry
15	Master Joint Research Agreement (Tri-Party Umbrella Agreement)	Private Industry
16	Transfer of Know-How for extraction of cobalt metal/salt from the black powder of Li-cobalt batteries (Know-How Licensing)	Private Industry
17	Transfer of Know-How for extraction of cobalt metal/salt from the black powder of Li-cobalt batteries (Secrecy)	Private Industry
18	Transfer of know-how for the extraction of Cobalt and Gold from the black cathode material of Li-Co batteries and Gold-Coated surface of E-Waste, respectively.	Private Industry
19	Agreement to share information for a mutual benefit	Private Industry
20	Working Relationship on various purposes of mutual interest (General)	NIFFT,Ranchi
21	Agreement in connection with the disclosure and use of the confidential information (NDA)	Private Industry

22	The work of sampling, preparation & analysis of washed coking coal from various loading points of CCL for supply to SAIL & RINL Steel plants.	PSU
23	Development of Briquetting technique for utilization of teel plant solid waste	PSU
24	Transfer of know-how for extraction of Cobalt metal/salt from the black powder of Lithium batteries	Private Industry
25	Fabrication of high-temperature spiral coils/probes using LTCC Technique	C-MET, Pune
26	Transfer of Know-How (Lab scale) for extraction of valuable and precious metals(Cu,Au,Ag & Co,Mn) from scrap of electronic waste & waste Li-Cobalt Batteries (Know-How Transfer)	Private Industry
27	Agreement in connection with the disclosure and use of the confidential information (NDA)	Private Industry
28	Agreement to hold discussions in the area of functional materials,coatings, NDE devices and environment friendly building materials	Private Industry
29	Agreement to share information and resources for mutual benefit in domain of electronic device development (Non-Disclosure)	Private Industry
30	Confidentiality agreement for various areas of mutual interest	Private Industry
31	Fatigue Behavior of Primary Piping/Vessel Materials of Indian NPPs under Multi-axial Cyclic Conditions	Govt (DAE)
32	Joint research work for the development of MSME in the areas of mutual interest	Indo Danish Tool Room, Jamshedpur
33	Co-operation and promotion of R&D in area of mutual interest between for Indian Air Force (Umbrella Agreement)	Govt (Defense)
34	Transfer of technological KNOW-HOW for the extraction of Cu, Al and Au from waste PCBs (KNOW HOW)	Private Industry
35	Development and Transfer of know - how for the recovery of Co, Li, and Mn form Lithium-ion batteries (LIBs) (KNOW-HOW)	Private Industry
36	TECHNOLOGY DEVELOPMENT FOR HOLISTIC UTILIZATION OF RED MUD FOR EXTRACTION OF METALLIC VALUES & RESIDUE UTILISATION	Private Industry
37	Transfer of technological KNOW-HOW for the extraction of Cu, Al and Au from waste PCBs (KNOW-HOW)	Private Industry
38	Development and Transfer of know - how for the recovery of Co, Li, and Mn form Lithium-ion batteries (LIBs) (KNOW-HOW)	Private Industry
39	Agreement for Development of non-magnetic Fe-Mn biodegradable alloys for biomedical applications	Private Industry
40	Confidentiality Agreement	Private Industry
41	Information Non-Disclosure Agreement	Private Industry
42	Information Non-Disclosure Agreement	Private Industry
43	Process to clear ball jam in ball pen tips (Know-How)	Private Industry

44	Feasibility Study and development of a process for optimization of reductant blend to partially replace met coke for production of ferro chrome	PSU
45	Development of rust converter composition for treatment of rusted steel	Private Industry