

**Projects over 11 projects worth over 1.5+ Crores**

<b>Name</b>	<b>Dept.</b>	<b>Project Name</b>	<b>Funded by/ Sponsorin g Agency</b>	<b>Role</b>	<b>Status</b>
<b>Dr. Jayashree Mohanty</b>	<b>Chemistry</b>	Anodic dissolution of partially reduced TiO <sub>2</sub> to produce Ti by molten salt electrolysis	SERB, DST, Govt. of India	PI	COMPLETED, 3years(2015-18)
		A novel conversion process for various value-added products utilizing crude Glycerol. A Biodiesel Industrial waste, Collaborative Research and Innovation Scheme (CRIS), TEQIP-III, BPUT, Rourkela	TEQIP-III, BPUT, Rourkela	Co-PI	APPROVED AND CONT...2020 ONWARDS
<b>Dr. Ranjita Mohanty (Swain)</b>	<b>Chemical Engg</b>	Utilization of PLK (Partially Laterised Khondalite) as apotential and value added filler material with specific reference to white ceramics and pigments	NALCO,India	PI	CONT...2017 ONWARDS
		Assessment on Distribution of Heavy Minerals alongBrahmagiri to Puri Coast and their Recovery with Special Emphasis to ZirconMinerals	DST-SERB	Co-PI	COMPLETED, 2017-2020
		Fly ash plastic waste composite in bituminous concretemixtures for development of highway roads	Institute of Engineers,India a	PI	COMPLETED, 2016-17
		Preparation of synthetic zircon from zircon minerals of beach sand, its characterization and value addition as thermal and electrical insulation	Ministry of Mines	Co- PI	RECOMMEND ED 2020 ONWARDS
<b>Dr. Sunita Routray</b>	<b>Mechanica l Engg</b>	Preparation and Evaluation of Phase Change Materials by Macro Encapsulation for Thermal Solar Energy Storage	Institute of Engineers, India	PI	COMPLETED, 2016-17
		Assessment on Distribution of Heavy Minerals along Brahmagiri to Puri Coast and their Recovery with Special Emphasis to Zircon Minerals	SERB-DST, Govt. of India	PI	COMPLETED, 2017-20
		Utilization of Plk (Partially Laterized Khondalite) as a Potential and Value Added Filler Material with Specific Reference to White Ceramics and Pigments	NALCO, India	Co-PI	CONT----2017
		Preparation of synthetic zircon from zircon minerals of beach sand, its characterization and value addition as thermal and electrical insulation	Ministry of Mines	PI	RECOMMEND ED 2020 ONWARDS