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An International Project funded by UK-India Education and Research Initiative (UKIERI) for the period of August 2014 to August 2016 (Contract No. IND/Cont (E) 14-15/055)

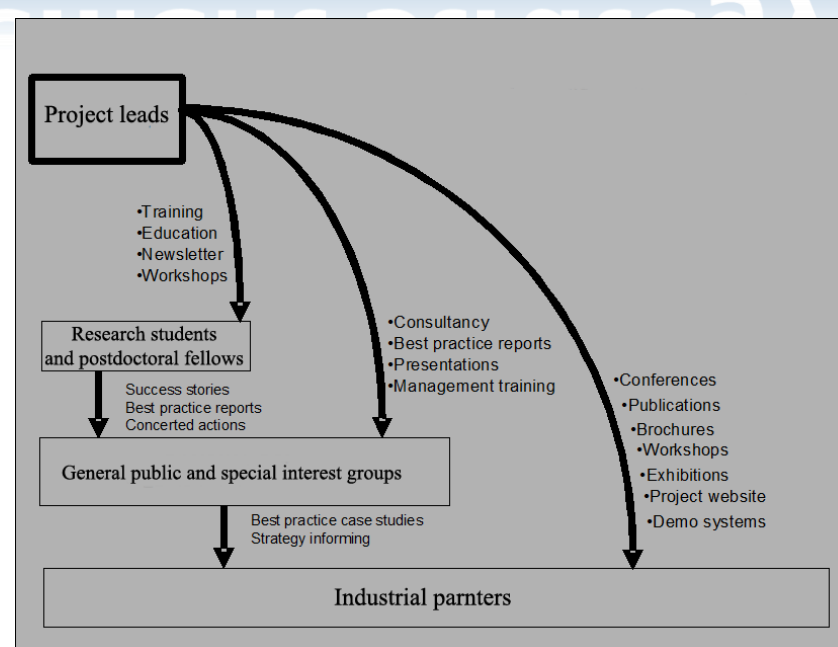
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Industrial waste and microbia contaminants

Multi-functional hybrid

- ❑ Development of multifunctional hybrid nanocomposites for the removal of toxic (arsenic) and using the recently developed novel surface chemistry (Sen et al, *Scientific Reports* 2: 564, | DOI: 10.1038/srep00564, 2012, Nature publishing Group) to tackle the bacterial contaminants such as Legionella, E-Coli (E-Coli O157 and O104) and Salmonella from water.
- ❑ Exploitation of such nanocomposites by industrial partners as the end users

Multifunctional hybrid nanocomposites for the separation



Workshop photo

 UKRI
UK RESEARCH INNOVATION

Multifunctional Nanoparticle Composites for Real-time Monitoring of Toxic and Environmental Contaminants from water
Control the Unwanted EU to NANO by 2025 at least 2020

 BRITISH COUNCIL

Outreach Activity: School and public event

Preparation and testing of multifunctional nanocomposites for the purification of organic dye contaminated water

Venue: Young Scientist Centre, Darwin Building, UCLan, Preston, UK

 UCLAN
UNIVERSITY OF
LANCASHIRE



Date: Open for interested party

 Feedwater
cleaning technology

 UCLan
United Kingdom


Indian Association for Pure Education of Women, India

 TATA
Tata Chemicals India

Partnership opportunity

Looking for partnership of new project proposals under CleanTech (Thematic area: Nano- water Technology and Sustainability).

Looking for new partnership of our 2nd International symposium "Functional Nanomaterials in Industrial Applications: Academic- Industry Meet" scheduled to be in July 2017.

Looking for Industrial visitors to visit UCLan with new research proposal by August 2016 with an offer of local hospitality

Looking for school outreach event by August 2016 with an offer of small funding

PhD ERSC EHEA Communication courses ad



Language **WIKI**ERICA

