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Partnership opportunity

- Looking for new projectproposals under CleanTech call with the thematic area of Nano-water technology and sustainability
- Looking for licencing our patents
  - Antimicrobial nanocomposites (PCT/GB2014/052630, 2014)
- Looking for Industrial visitors to visit UCLan by August 2016.
- Looking for partnership of our 2nd International symposium "Functional Nanomaterials in Industrial Applications: Academic-Industry Meet" scheduled to be in 2017.

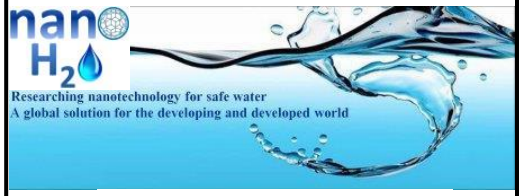
More information:
www.nanosymposiumatuclan.net

Multifunctional hybrid nanocomposites for the separation of toxic and microbial contaminants from water

www.nanowateratuclan.org

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).

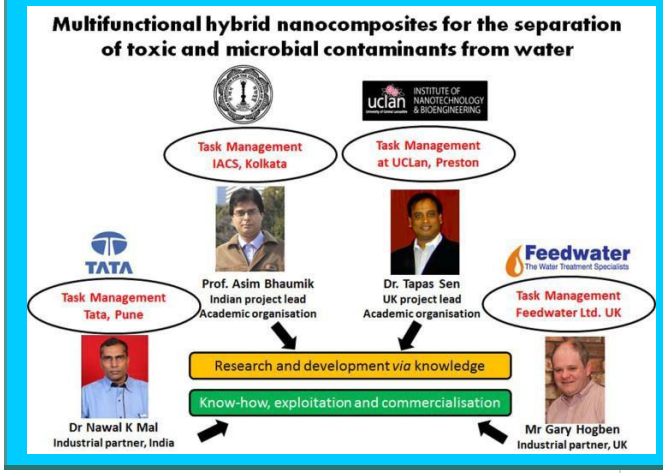
Researching Nanotechnology for Safe Water: A Global Solution for Developing and Developed World



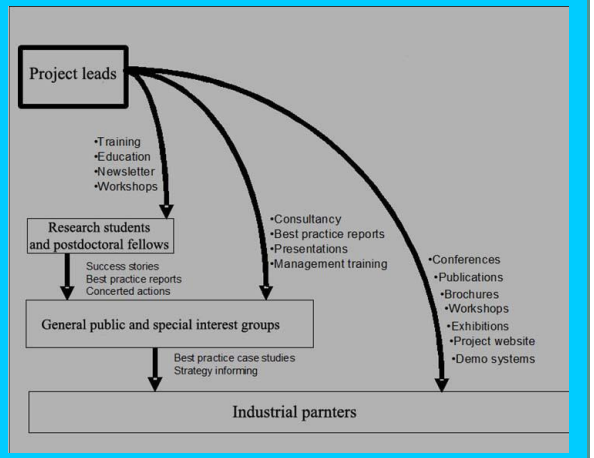
UKIERI
UK-India Education and Research Initiative

uclan
University of Central Lancashire

Consortium



Dissemination Strategy



Objectives

The specific objective of the project is to exploit 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, **Nature publishing Group**) to tackle the bacterial contaminants such as Legionella, E-Coli (E-Coli O157 and O104) and Salmonella from water.

Development of multifunctional inorganic-organic hybrid nanocomposites for the decontamination of pollutant (inorganic and biological) from water

Exploitation of such nanocomposites and their uses by industrial partners as the end users

Outreach activity


Department of Science & Technology | Multifunctional hybrid nanocomposites for the separation of toxic and microbial contaminants from water Contract No. IND/Cont (E) 14-15/055, July 2014 to June 2016 | 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 AND ROYAL INSTITUTION
YOUNG SCIENTIST CENTRE YSC

Date: Open for interested party

Feedwater The Water Treatment Specialists United Kingdom | uclan University of Central Lancashire United Kingdom | Indian Association for the Cultivation of Science, India | TATA Tata Chemicals Ltd. India

Dissemination outcome

1st International workshop
Magnetic Nanoparticles
(20th August 2015)
https://nanowateratuclan.org/an-international-workshop-on-magnetic-nanoparticles/

1st International symposium
"Functional Nanomaterials in Industrial Applications: Academic-Industry Meet"
(29th to 31st March 2016)
www.nanosymposiumatuclan.net

100 page **conference proceedings** containing scientific abstracts
Special issues: Nanomedicine Journal by Future Medicine and Materials Today Proceedings by Elsevier

Peer review journals publications
Journal of Molecular Catalysis A: Chemical 415, 17-26, 2016
Journal of Materials Chemistry A (Under review)
Water Research (under submission)
Journal of Materials Chemistry B (under submission)