

List of Sponsored Projects:

Sl. No.	Title of the project	Period	Total Cost (INR)	Agency	Present Status
01	Improvement on Energy recovery from Waste Water by Dark Fermentation followed by Microbial Fuel Cells	Oct., 2013 to till date	42.41 lakhs	DRDO	Ongoing
02	Integrating large scale Biohydrogen production and hydrogen fuel cell for sustainable power generation	Aug., 2012 to Till date	9.99 Lakhs	NMRL, DRDO, India	Ongoing
03	Mission Mode Project on Hydrogen Production through Biological Routes.	Jan. 2010 to Till date	286.64 Lakhs	MNRE. India	Ongoing
04	High rate algal biomass production for food, feed, biochemicals and biofuels	Oct., 2010 to Till date	200 lakh	DBT, India	Ongoing
05	BioCO ₂ : An integrated multidisciplinary project using solar energy for production of renewable hydrogen combined with CO ₂ capture, to address global warming and energy production	Oct 2008 to March 2012	302 Lakh	Norwegian Ministry of Foreign affairs (MFA), Norway	Completed
06	Continuous hydrogen production in a photo bioreactor using spent medium of dark fermentation process	Apr 2008 to March 2011	21.72 Lakhs	DRDO, India	Completed
07	Design and Development of Microbial Fuel Cells	Jan 2009 to Jan 2012	13.17 lakh	BRNS, India	Completed
08	Maximization of Gaseous Energy	Dec 2006 to June	21.55 Lakh	DBT, India	Completed

	Recovery by Simultaneous Biohydrogen Production and Biomethanation	2010			
09	Production of hydrogen as a cleaner fuel through waste recycling	1999 to 2002	21.65 Lakh	DBT, India	Completed
10	Improvement of hydrogen production by over expression of the hydrogenase producing gene of high yielding strain of Enterobacter cloacae IIT-BT 08 in fast growing Escherichia coli	2001 to 2004	25.60 Lakh	DBT, India	Completed
11	Biohydrogen production by investigation on the hydrogenase coding gene of high yielding strain of Enterobacter cloacae IIT-BT 08 in fast growing E coli	2003 to 2007	5.25 Lakh	DST-NSF (Indo-USA)	Completed
12	Pilot plant design of hydrogen generation system from sewage sludge	2002 to 2003	2.00 Lakh	WHE, USA	Completed
13	Improvement of hydrogen production from industrial wastes using hybrid bioreactor	2004 to 2007	23.72 Lakh	DBT, India	Completed
15	Studies on the Fe-hydrogenase genes of prokaryotes and eukaryotes for the improvement of hydrogen production	2004 to 2006	3.92 Lakh	DST-DAAD (Indo-Germany)	Completed

18	Structural and functional studies of major pathogenic proteins of M. tuberculosis	2002 to 2005	78.00 Lakh	Indo-Norwegian Collaboration	Completed
20	Two-stage Biomethanation of Municipal Solid Wastes (MSW) to improve the Bioleachate production and Biogas Generation	1990 to 1993	13.50 Lakh	MNRE, India	Completed