

G.P. Chaudhari

Sponsored Research and Consultancy Projects

(A) Sponsored Research Projects:

As Principal Investigator

1. Multi-axial forging of low carbon steels, IIT Roorkee Faculty Initiation Grant (Completed).
2. Ultrasonic processing of magnesium alloy melts, SERC, DST (2009-12).
3. Ultra refined plain carbon dual phase steels developed using innovative thermomechanical processing technique, Indo-Austrian DST-BMWF Joint Research Project, DST-BMWF Austria (2011-13).

As Co-Investigator

4. Development of erosion resistant stainless steel for use in hydropower plants, DST, 2011-2014. (Prof. S.K. Nath, PI)

(B) Sponsored Consultancy Projects

S No.	Title of Project	Funding Agency	Year of start & total period	Name of P.I. and other investigators
1	Blending of aluminum alloy ingots for electrical conductor applications	Sterlite, Haridwar	2010, one year	S.K. Nath (P.I.), S. Ray, G.P. Chaudhari
2	Development of erosion resistant material as a replacement to 13-4 martensitic stainless steels	NML/ CPRI	2008, Three years	S.K. Nath (P.I.), S. Ray, G.P. Chaudhari, V. Pancholi
3	Improvement of belt life of Properzi casting machine	Sterlite, Haridwar	2009, three months	S.K. Nath (P.I.), S. Ray, G.P. Chaudhari
4	Failure analysis of automobile chain links	TIDC India Laksar (Hardwar)	2009, one month	S.K. Nath (P.I.), G.P. Chaudhari