

Research and Consultancy Activities

S. No.	Date	Nature of Work	Name of Scientist/Engineer Involved	Cost Potential/ Revenue
1	February 2007	Consultancy to M/s DCM Engineering Ltd., Nawanshahr. Shri KL Sapra, was invited in early 2007 by M/s DCM Engineering Ltd., Nawanshahr to study their implementation of Total Quality Management System (TQM) and to suggest some improvements. This was done in a review meeting under the Chairmanship of their CEO in which presentations were made by some of the departmental heads.	Prof. K. L. Sapra	Goodwill Gesture
2	June 2007	Welding Quality Problem at the works of M/S Mukat Pipes Ltd., Rajpura: -CIET explored the possibility of undertaking a few problems being faced by the Industry around Rajpura and the first such problem was with regard to the quality of spiral welding (Submerged Arc welding). The problem was studied in detail by our faculty members Er. Nitin Singla & Er. Gautam Malik and specific recommendations were given.	Nitin Singla & Gautam Malik	Goodwill Gesture
3	April-May, 2008	Development of Calendaring Machine and Refrigerated Table Top Machine for College of Hospitality. Two machines were designed and fabricated in Institute Workshop, for use in the Bakery Section and Housekeeping Section. Calendaring Machine is used for ironing the bed sheets. Refrigerated Table top machine was developed to keep the butter intact by ensuring low temperatures on the marble surface of table.	Gautam Malik Karun Kumar Kuldeep Singh Maan Singh	Rs 7.5 lac
4	May, 2008	Online testing system for students of Patel Public School, Rajpura and Mukut Public School, Rajpura	R.P. Sharma Amandeep Singh	Goodwill Gesture
5	July 2008	Consultancy to BBMB, Chandigarh	Meenu Khurana	Rs 30,000

	Sept 2008	Industry Oriented Hands on Training Courses on PLC was conducted for students and industry professionals	Gautam Malik	Rs 1.6 lac
6	July 2008	Consultancy to BBMB, Chandigarh	Meenu Khurana	Rs 30,000
7	February, 2009	Design, erection and commissioning of Service Station at CIET, Jansla: In-house Service Station was commissioned at the Institute premises for ensuring maintenance and service of vehicles.	Gautam Malik, Sukhjinder Singh, Karun Kumar	Rs 10 lac
8	January, 09-April, 09	Patent filed on Multi Dimensional Transit System: Patent Application was filed on the transit system which can be helpful in transportation passenger/cargo in three dimensions in buildings.	Chitkara Institute of Engineering & Technology, Rajpura	NA
9	14 Feb, 2009-Still in process	Consultation work for Kamal Industries (1Phase Completed) The solution of inspection test bench for separators for batteries has been demonstrated to the representatives of Kamal Industries of Bathinda which was accepted by them. They plan to install 3 inspection test benches.	Gautam Malik	Rs .2 lac
10	February 2010	Development of Burner for Industrial Ovens using PLC for Hydroplast Phase VIII, Ind. Area, Mohali. The development of Programmable Logic Controller(PLC) controlled burner for industrial applications is in progress. The automatic ignition system has been developed and the safety aspect of the same is in the process of design.	Gautam Malik & Nirbhow Jap Singh	Rs 2.8lac