

**Department of Computer Science and Engineering,  
University Institute of Engineering and Technology, Panjab University,  
Chandigarh**

**( RESEARCH PROJECTS : COMPLETED )**

<b><u>PROJECT TEAM</u></b>	<b><u>PROJECT TITLE</u></b>	<b><u>FUNDING AGENCY</u></b>	<b><u>AMOUNT</u></b>	<b><u>DURATION</u></b>
Prof. Savita Gupta	Processing and Segmentation of Medical Ultrasound Images for Computer Aid Diagnosis	DST (Fast Track Scheme)	11 Lacs	3 years (2009-2012)
Prof. Savita Gupta	Development of Content based medical image compression Techniques for Telemedicine	DST (PURSE Grant)	43 lacs	3 years (2009-2012)
Prof. Savita Gupta	Design of Communication devices under computer software on speech synthesis & natural Language processing for visually handicapped users	MHRD (TAPTEC)	7.0 Lacs	2 Years (2003-2005)
Prof. Savita Gupta	Modernization of Labs by providing LAN facility	MHRD (MODROB)	10 Lacs	3 Years (2000-2003)
Prof. Savita Gupta	Computer based secretarial practice for upliftment of women of weaker section	MHRD	8.0 Lacs	1 year (1998-1999)

Prof. Sarbjeet Singh	Development of grid computing center for distributed applications	AICTE	5.7 Lacs	3 years
Prof. Harish Kumar	Hostel Facility for SC/ST Students along with Community Skill Development Centre for their Skill Empowerment	AICTE, Gol	200 Lacs	4 years (2013-2017)
Prof. Harish Kumar; Prof. Sakshi Kaushal	A Study of Impact of Free and Open Source Software (FOSS)	Technical Education Quality Improvement Programme, MHRD, Gol	5.50 Lacs	3 years (2013-2016)
Prof. Harish Kumar	Garnering Academia Perspective on Product Engineering Processes	Infosys Limited	2.8 Lacs	1 year (2011)
Prof. Harish Kumar	Simulation & Experimental test bed for Routing Algorithms in Mobile Ad-hoc Networks	DST, Gol++	11.05 Lacs	3 years (2009-2012)
Prof. Harish Kumar	To explore the network requirement and implement Giga-Bit Ethernet technology along with ATM backbone of the University	Panjab University	38.96 Lacs	3 years (2005-2008)
Prof. Harish Kumar	Conceptualize and development of Portal	TCY Learning Solutions	-----	1 year (2001)
Prof. Sakshi Kaushal	Developing Android Based Mobile Application for Network Complaints	Bharti Airtel Ltd, Chandigarh	-----	6 months (2014-2015)

Dr. Naveen Aggarwal	CARTS: Communication Assisted Road Transport System	ITRA, Media Lab Asia (DEITY)	Total= 1.28 Crores (15.4 lacs for UIET)	3 Years (2013-2015)
Dr. Naveen Aggarwal	Armor Wire Tester	Oceaneering Pvt. Ltd.	7 Lacs +	1 Year (2016)
Dr. Ajay Mittal	Nvidia GPU Grant	NvidiaCorp Ltd.	1.5 Lac	1 year (2017)
Dr. Vishal Gupta	An Unsupervised language independent text stemmer for information retrieval	King Abdulaziz Univ, Saudi Arabia	3500 USD	9 months
Dr. Akashdeep	Nvidia GPU Grant	NvidiaCorp Ltd.	1.25 Lacs	1 year (2018)
Dr. Naveen Aggarwal	A tool based Effort Estimation Model	Infosys Technologies Ltd.	1 Lac	1 year (2006)
Dr. Naveen Aggarwal	Speaker Recognition and Identification for VoIP	MHRD under TEQIP-II	1.20 lacs	One Year (2013-2014)
Dr. Naveen Aggarwal	Subjective Assessment of Video quality for validation of objective metrics	MHRD under TEQIP-II	1.33 lacs	One Year (2013-2014)