Department of Computer Science and Engineering

Research Projects

Sr. No.	Project Title	Faculties	Sanctioned Amounts	Period	Status
1.	Capacity Building for Human Resource Development in Unmanned Aircraft System (Drone and Related Technology), HRD Division, MeitY, to be implemented jointly by the Programme Management Unit (PMU) and identified implementing agencies.	Dr. A. D. Darji, DoEC, Dr. D. P. Rana, DoCSE, Dr. S. Dahiya, DoEC	Total Budget: Rs. 89.87 Crore, Share of SVNIT: Approx. 2 Crores	Approval Date: 9th Sept. 2022 **Duration: 5 years**	Ongoing
2.	GUJCOST funded "Examining Congestion Mitigation Strategies for Indian Cities towards Accomplishment of Sustainable Habitat"	Dr. B. N. Gohil	Rs. 27.882 Lakhs	March 2022 - Feb 2025	Ongoing
3.	Information Security Education and Awareness Project (ISEA II &III), Phase III, funded by MeitY, Government of India	Prof. D. R. Patel Prof. D. C. Jinwala Dr. U. P. Rao Dr. S. J. Patel	Rs. 63 Lakhs	2015 onwards	Ongoing
4.	Collaborative Data Processing and Resource Optimization for Post Disaster Management and Surveillance using Internet of Things sponsored vide Administrative Approval No. 13(4)/2016-CC&BT dated 18 July 2016) by MeitY (DeitY)	Prof. M. A. Zaveri	Rs. 65 Lakhs	25 July 2016 – 31 August 2019	Completed
5.	Design and Implementation of Secure Service and Attribute-based Authorization Model in Dynamic and Constrained-specific IoT Environment", funded by IHUB NTIHAC Foundation, IITK under the aegis of National Mission on Interdisciplinary Cyber-Physical System (NMICPS), Department of Science and Technology, Government of India.,	Dr. U. P. Rao	Budget: 12.21 Lakhs	2015 onwards **Duration: 3 Years**	Completed
6.	Micro Research project entitled Investigating Light-Weight Cryptography Algorithms and Its Application to Various IoT Devices" funded by TEQIP-III,	Dr. U. P. Rao	Budget: 2 Lakhs	July 2019 – Jan 2021 **Duration: 1.5 years**	Completed

7.	Indian Digital Heritage (IDH) - Hampi DST sponsored project on Immersive Navigation for Walk through Application, Research project proposed jointly by DAIICT, Gandhi Nagar and SVNIT, Surat, DST No. F.No. NRDMS/11/1586/2009/Phase-II (Project No:23)	Prof. Manjunath Joshi (DAIICT), Dr. M. A. Zaveri, Dr. Hemant Patil (DAIICT)	Rs. 37.6 Lakhs	18 Jan 2011- 31 July 2016	Completed
8.	Investigating Anti-Replay Algorithms for Link Layer Security Architecture in Wireless Sensor Networks, GUJCOST	Prof. D. C. Jinwala Dr. S. J. Patel	Rs. 2.44 Lakhs	April 2013 - March 2016	Completed
9.	A Secure Data Aggregation System and an intrusion Detection System for Wireless Sensor Networks, DIT Project	Prof. D. C. Jinwala Dr. S. J. Patel	Rs. 48.864 Lakhs	2011-12	Completed
10.	RESPOND programme of ISRO for the Research Project titled "Design and Implementation of the Security Attributes driven Energy Efficient Link Layer Security Architecture for Wireless Sensor Networks"	Prof. D. C. Jinwala	-	Nov 2009- Nov 2012	Completed
11.	Intel Multi Core University Program - (10 Intel Core 2 Duo Processors - Dell PCs donated by Intel)	Dr. M. A. Zaveri	5 Lakhs	2008	Completed
12.	Information Security Education and Awareness Programme (ISEA Project) funded by MCIT/DIT, GoI	Prof. D. R. Patel	Rs. 42.37 Lakhs	2005 - 2013	Completed
13.	Modernization & Up-gradation of Computing facilities in Junior Programming Laboratory	Dr. R. G. Mehta	-	-	Completed
14.	Modernization of Microprocessor & Interfacing Laboratory	Mr. R. P. Gohil	-	-	Completed
15.	Modernization of Computing & Networking Facilities in Computer Laboratory	Prof. D. R. Patel	-	-	Completed
16.	Upgradation of Computer & Networking Facilities in Computer Laboratory	Prof. D. R. Patel	-	-	Completed
17.	Project grant under the scheme Thrust areas of Technical Education for Development of Computer Aided Software Engg. Centre	Prof. D. C. Jinwala	-	-	Completed
18.	Embedded Web server Project by GUJCOST, Gandhi Nagar in Academic Year 2003-04	Prof. D. R. Patel	-	-	Completed