



Society for Computer Technology and Research's  
**Pune Institute of Computer Technology**  
 Department of Electronics & Telecommunication Engineering

### FUNDED PROJECTS

Sr. No.	Title	Name of Principal Investigator / Co-Investigators	Duration	Total	Funding Agencies
1	An e-learning, Recognition and Assessment Platform in Indian Sign Language (Research Project)	Dr. R. Sreemathy Dr. M. P. Turuk Dr. J. B. Jagdale	2020-2024	Rs. 97,99,691/-	RGSTC GOVT.OF MAHARASHTRA
2	Qualitative and Quantitative Approaches for Quality Assurance through Performance Indicators in Engineering Institutions (FDP)	Dr. Y. Ravinder Mr. N. A. Gadage Mr. H.S. Khatri	2/5/2022- 6/5/2022	Rs. 30,000/-	NAAC
3	Machine Learning and Deep Learning using Python (ATAL FDP)	Dr. M.P. Turuk Dr. R. Sreemathy	4/1/2022 - 8/1/2022	Rs.93,000/-	AICTE
4	Modernisation & Removal of Obsolescence of Wireless Network Lab (MODROB)	Dr. R. C. Jaiswal	2019-2021	Rs.15,61,000/-	AICTE
5	Energy Efficient Techniques for 5G Wireless Communications (STTP)	Dr. Y. Ravinder Mr. A.Zakee Mr. A. S.Rasal Mr. R. N. Shriwas	2019-2020	Rs. 3,80,000/-	AICTE
6	Establishing the Skill and Personality Development Program Center for SC/ST Students (SPDP) (Value Addition Project)	Dr. M. V. Munot Mr. L. P. Patil	2017-2024	Rs. 12,78,000/-	AICTE
7	An Educational Teaching and Assessment Tool for Hearing Impaired Children up to class V for the Subjects Mathematics and English using Indian Sign Language (Research Project)	Dr. R. Sreemathy	2017-2020	Rs.20,11,000/-	RGSTC GOVT.OF MAHARASHTRA
8	Cognitive Radio Techniques for 5G Wireless Communication (STTP)	Dr. M.V. Munot	8/12/2017- 10/12/2017	Rs. 1,00,000 /-	AICTE
9	Smart Fruit Classification and Grading System (Research Project)	Dr. M. V. Munot Dr. R. Sreemathy Ms. R.V. Bakare	2016-2018	Rs. 1,50,000/-	BCUD, SPPU



Society for Computer Technology and Research's  
**Pune Institute of Computer Technology**  
 Department of Electronics & Telecommunication Engineering

### FUNDED PROJECTS

Sr. No.	Title	Name of Principal Investigator / Co-Investigators	Duration	Total	Funding Agencies
10	Design and Develop Tactile Feel Display for Improved Correctness in Human Sensing (Research Project)	Mr. V. B. Vaijapurkar Dr. Y. Ravinder	2016-2018	Rs.1,50,000/-	BCUD, SPPU
11	Multi Antenna Aided Detection Schemes for the Next Generation Wireless Technologies (Research Project)	Dr. Y. Ravinder Ms. D. P. Reddy	2014 -2016	Rs.1,90,000/-	BCUD, SPPU
12	Implementation of Energy Efficient Resource Allocation Scheme for Cognitive Radio Networks (Research Project)	Mr. P. S. Varade Dr. Y. Ravinder	2014 -2016	Rs.1,80,000/-	BCUD, SPPU
13	Development of RF and MW heating System to Control Insect Pests in Agriculture (Research Project)	Dr. S. V. Gaikwad Mr. S. S. Khot	2014 –2016	Rs. 2,00,000/-	BCUD, SPPU
14	Spectrum Sharing and Resource Allocation for Cognitive Radio with Green Communication Perspective (Research Project)	Dr. Y. Ravinder Mr. P. S. Varade	2013 –2016	Rs. 6,50,000/-	AICTE – RPS
15	Implementation of Adaptive Antennas (Research Project)	Dr. Y. Ravinder Mr. P. S. Varade Dr. A. N. Gaikwad	2009 -2012	Rs. 1,00,000/-	BCUD, SPPU
16	Channel Allocation for Wireless Mobile Networks (Research Project)	Dr. G. S. Mundada Mr. S. B. Deshmuk Ms. M.R. Kale	2009 -2012	Rs. 1,50,000/-	BCUD, SPPU
17	Reconfigurable FPGA (Research Project)	Dr. S. S. Narkhede Dr. A. P. Dhande Mr. D. M. Mankar	2009 -2012	Rs. 2,50,000/-	BCUD, SPPU
18	Segmentation and analysis of left ventricle in Cardiac MRI (Research Project)	Ms. R. Sreemathy Dr. S. D. Shelke Ms. M. P. Turuk	2009 -2012	Rs.3,00,000/	BCUD, SPPU
19	Development of automated system for crypto genetic analysis and classification (Research Project)	Dr. M. V. Munot	2009-2012	Rs. 6,72,000/-	DEPARTMENT OF SCIENCE AND TECHNOLOGY



Society for Computer Technology and Research's  
**Pune Institute of Computer Technology**  
Department of Electronics & Telecommunication Engineering

### FUNDED PROJECTS

<b>Sr. No.</b>	<b>Title</b>	<b>Name of Principal Investigator / Co-Investigators</b>	<b>Duration</b>	<b>Total</b>	<b>Funding Agencies</b>
20	Analysis and Performance Evaluation of Computer Networks (Research Project)	Dr. R. C. Jaiswal Mr. G. L. Kirwale Mr. M. D. Katole	2009-2012	Rs.50,000/-	BCUD, SPPU
21	Design and Fabrication of CMOS Ternary Logic Gates (Research Project)	Dr. A. P. Dhande Dr. S. S. Narkhede Mr. S. S. Dudam	2007-2009	Rs. 2,00,000/-	BCUD, SPPU
22	Document Image Analysis and understanding (Research Project)	Dr. S. D. Shelke Ms. R. Sreemathy Mr. D. M. Shinde	2007-2009	Rs. 1.50,000/-	BCUD, SPPU