DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROJECTS APPLIED STATISTICS:

Academic Year	Total No of projects applied	Funding Agency
2022-23(17)	7	SERB (CRG, SURE, Power Grant)
	6	TTDF
	3	ISRO
	1	TSCOST
2021-22(4)	4	SERB-CRG
2020-21(4)	2	SERB-CRG
	2	AICTE -RPS
2019-20(6)	4	SERB-CRG
	1	AICTE -RPS
	1	TSCOST

FUNDING DETAILS OF CSE DEPARTMENT

S. No	Name of the Faculty	Project Title	Duration	Funding Agency	Amount Rs.	Dept.
1.	Dr. Y Rama Devi	Development of a Wireless Peer-to-peer Network base for Managing IoT Edge Devices off Gateway Range	3 Years 2020-23	AICTE-RPS	4,39,561	CSE
2.	Dr. Subramaniam and Dr. S.China Ramu	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) Program – 2022	5 Years 2022-27	DST-FIST	57,00,000	CSE

Brief Details of Submitted Project Proposals during the academic year 2022-23

Year	Title of the project	Investigators	Department	Sponsoring Agency	Proposed budget (Rs.)	Duration	Email id
October, 2022	Architecture of a Real-Time Incubation Testbed for Smart City Initiatives on Secure Public Cloud of Clustered Private Cloud using Open Hardware and Software Standards	Dr Raman Dugyala,Dr Y Rama Devi, prof N Rama Devi	Computer Science and Engineering	SERB	35 Lakhs	36 Months	ramand_cse@cbit.ac.in
October, 2022	A Novel Hybrid Framework for Securing Autonomous Systems	Prof N Rama Devi,Dr Raman Dugyala,Dr G Vanitha,Ms I Srujana	Computer Science and Engineering	SERB-POWER Grant	27Lakhs	36 Months	nrd@cbit.ac.in
October, 2022	Smart Bus Students Identification & Tracking System	Dr. Rupesh Mishra, CBIT(A)	Computer Science and Engineering	CRG, DST	37,11,579	3 Years	rupeshmishra_cse@cbit.ac.in
October, 2022	Cloud Based Large Scale academic Repository System with Blockchain	Dr.Sangeeta Gupta, Dr.M.Venu Gopalachari	Computer Science and Engineering	SERB	2838396	3 years	sangeetagupta_cse@cbit.ac.in
July, 2022	Hybrid Security system using private blockchain platform	Dr.Sangeeta Gupta, Dr.M.Bhanuchander	Computer Science and Engineering	ISRO	29 lakhs approx	3 years	sangeetagupta_cse@cbit.ac.in
October, 2022	Reversible Data Hiding for Ensuring Integrity of Bank Cheque and Satellite Images.	Dr. RaviUyyala and Prof. Y Ramadevi	Computer Science and Engineering	ISRO -Respond -Basket-2022	2013295	2 Years	raviuyyala_cse@cbit.ac.in
November, 2022	High Fidelity Reversible Data Hiding for X-ray images	Dr. RaviUyyala, Dr. S China Ramu	Computer Science and Engineering	SERB-SURE	2582450	3 years	raviuyyala_cse@cbit.ac.in
December, 2022	Establishment of Research Infrastructure - Virtual/ Augmented Reality Lab (ii) Robotics & Industrial Automation Lab	Dr. Subramaniam, Dr. S China Ramu	Computer Science and Engineering	DST-FIST	57,00,000 (Sanctioned)	5 Years	msubramaniam_cse@cbit.ac.in
February, 2023	Text to Speech conversion for Indian English and Indian vernacular languages	Dr. Kolla Morarjee, Dr. M Swamy Das	Computer Science and Engineering	TTDF	55,15,756	2 Years	morarjeek_cse@cbit.ac.in
February, 2023	AI enabled use cases- Image quality enhancement	Dr. Kolla Morarjee, Dr. V Kamakshi Prasad, Dr. T Venu Gopal	Computer Science and Engineering	TTDF	55,15,756	2 Years	morarjeek_cse@cbit.ac.in

February, 2023	Blockchain based Mobile Anti-counterfeiting System	Dr.Sangeeta Gupta, Dr.Y.Ramadevi, Dr.D.Raman	Computer Science and Engineering	TTDF	18 lakhs	2 Years	sangeetagupta_cse@cbit.ac.in
February, 2023	Proposal for detection and prevention of a cyber-threat before it evade systems	Dr Raman Dugyala,DrK. Shyamala ,Professor & Head, Dept. of CSE,N Rama Devi, Professor in CSE,Dr A Nagesh, Professor in CSE	Computer Science and Engineering	TTDF	15 lakhs	2 years	ramand_cse@cbit.ac.in
February, 2023	Real time face recognition Drone Survelience System	Dr Raman Dugyala,Dr. K. Shyamala ,Professor & Head, Dept. of CSE,Dr M Swamy Das, Professor in CSE,Dr A Nagesh, Professor in CSE,Dr N Janardhan, Assistant Professor in Mechanical Engineering Department,Prof. N Rama Devi, Professor in CSE, Dr Rupesh Mishra, Assistant Professor in CSE	CSE	TTDF	30 lakhs	2years	ramand_cse@cbit.ac.in
February, 2023	Text to Speech conversion for Indian English and Indian vernacular languages	Dr.Rupesh Mishra,Dr.Debasis Das, Dr.Kolla Morarjee	CSE	TTDF	57 lakhs	2years	rupeshmishra_cse@cbit.ac.in

Brief Details of Submitted Project Proposals during the academic year 2021-22

S. No	Title of the project	Investigators	Department	Sponsoring Agency	Proposed budget (Rs.in Lakhs)	Duration
1.	Design of Secure Machine Learning Based Block Hierarchy for Smart Campus	Dr. Sangeeta Gupta, Dr. Y Ramadevi	CSE	SERB CRG	31.15	3 years
2.	Smart Bus Student Identification & Tracking System	Dr. Rupesh Mishra	CSE	CRG, DST	37.11	3 Years
3.	A Wearable Multidirectional Smart Assistive Technology for Visually Impaired People using Edge Computing	Dr. Kolla Morarjee, Dr. K. Sagar	CSE	SERB-CRG	42.77	3 Years
4.	Detection and Prevention of Cyber-Attacks in Smart Cities Using Deep Learning Techniques	Dr.R Ravinder Reddy, Dr. E Damoder Reddy and Prof. Y Ramadevi	CSE	SERB-CRG	26.60	3 Years

List of submitted proposals to various Sponsoring Agencies during the Academic year 2020-21

S. No	Name of the Principal Investigator (PI) / Co Investigator	Department	Name of the Project	Name of Funding Agency	Term of the Project	Proposed Amount (Rs.)
1.	Dr. Sangeeta Gupta, Dr. U S N Raju and Dr. M Venugopalachari	CSE	Large Scale Digital Repository System for Academic Credentials using Block Chain	CRG-SERB	3 Years	35,00,000
2.	Dr.M.Swamy Das	CSE	Semantic based Automatic Analysis of Student Programming tasks for Assessment and Learning	RPS-AICTE	3 Years	20,00,000 (Approx.)
3.	Dr.R Ravinder Reddy	CSE	Land Use and Land Cover classification for Greater Hyderabad	RPS-AICTE	3 Years	20,00,000 (Approx.)
4.	Dr. Y Rama Devi and Dr. T Sridevi	CSE	Primary Preservation for Mobile users Locations	CRG-SERB	3 Years	25,00,000 (Approx.)

List of submitted Training Programmes to various Sponsoring Agencies during the Academic year 2020-21

S. No	Title	Department	Programme Coordinator	Sponsoring Agency	Amount (Rs)
1.	DL for CV: Applications & Challenges	CSE	Dr. T Sridevi	Refresher Programme-ISTE-AICTE	3,00,000 (Approx.)
2.	Emerging Trends and Challenges of Cyber Security	CSE	Dr. M Swamy Das	ATAL-FDP	93,000 (Approx.)

List of Projects Submitted to various sponsoring agencies during the Academic year 2019-20

Dept.	Sponsoring Agency/ Number of Projects		Title of the Proposal	Name of PI	Name of Co-PI(s)	Budget (Rs.)	Duration
CSE	SERB-CRG	1.	Scalable Unique Code Based Secure Data Replication in IMS Cloud	Dr.Sangeeta Gupta	Dr.M.Venu Gopalachari	21,27,717	3 Years
		2.	Smart Waste Management Garbage system with the help of IoT & Deep Learning	Dr. K. Sagar	Dr, S. China Ramu	32,00,000	3 Years
		3.	Gaze behavior and head pose in enhancing diagnosis of ASD (Autism Spectrum Disorder) using Convolution pose machines	Dr. T.Sridevi	Dr.Y Rama Devi	36,11,725	3 Years
		4.	Fraudulent Vehicle Detection in Real Time	Dr.R Ravinder Reddy	Dr.Y Rama Devi	34,65,450	3 Years
	AICTE-RPS	5.	Development of a Wireless Peer-to-peer Network base for Managing IoT Edge Devices off Gateway Range	Dr. Y.Ramadevi	--	22,50,000	3 Years
	TSCOST	6.	Monitoring Aqua Culture using IoT to improve productivity and Safety	Dr. S China Ramu	Dr. B. Indira	5,00,000	2 Years

List of Training Programmes Submitted to various sponsoring agencies during the Academic year 2019-20

Dept.	Sponsoring Agency/ Number of Programmes			Title of the Proposal	Name of PI	Name of PI and Co-PI(s)	Budget (Rs.)	Duration
CSE	AICTE	STTP	1.	Data Science for Bigdata Analytics in Cloud using Advanced Tools	Dr.Sangeeta Gupta & Prof:China Ramu	--	5,00,000	1-Week
		ATAL	2.	Consensus in Block Chain Technologies with Privacy based Use Cases	Dr.Sangeeta Gupta	--	2,10,000	1-Week
			3.	Faculty Development P rogram	Dr. R Ravinder Reddy	Dr.E Padmalatha	2,00,000	5 Days
	DST	FDP	4.	Data Science	Sri.B Ramadasu	Dr.R Ravinder Reddy	7,40,000	2 Weeks
		ICPS	5.	International Conference on Artificial Intelligence and Machine Learning	Sri.B Ramadasu	Dr.R Ravinder Reddy	8,00,000	6 - months