

**SRM Valliammai Engineering College**  
(An Autonomous Institution)  
**FACULTY OF INFORMATION TECHNOLOGY**

**LIST OF PROJECT PROPOSALS**

Sl.no	Academic Year	Name of the Scheme	Title	Name of the PI	Co - PI/ Students Members	Cost in Rs	Date of submission	Status
1	2021-22	WTI Call 2021 on Desalination Technologies - Technology Missions	An Intelligent smart Desalination system for dual applications near coastal areas	Dr.A.R.Revathi, Asso.Prof.	Dr. B.Chidhambara Rajan Ms. K. Arthi, AP	64,46,348	11/9/2021	Submitted
2	2020-21	SERB-EMEQ	Deep Climate Change Projection(DCCP): A Deep Learning Based Spatial Analysis Model to Forecast regional Climatic	Dr. S. Narayanan, AP(Sel.G)	-	15,00,000	22/06/2021	Submitted
3		Cognitive Science Research Initiative-IRPS	Derma Scan: An Early Diagnosis of Malignant Skin Tumor using Deep Learning Techniques	Dr. S. Ravikumar, AP(Sel.G)	Dr. S. Jeyalakshmi, AP(Sel.G)	2,000,000	12/3/2021	Submitted
4		AICTE-ATAL-Online FDP	Image Processing and Video Analytics	Dr.A.R.Revathi, Asso.Prof.	Dr. S. Sekar, AP(Sel.G) Dr. S. Jeyalakshmi, AP(Sel.G)	197,000	5/3/2021	Submitted
5		AICTE-ATAL-Online FDP	Hands on Approach on Data Science and Analytics	Dr. B.Chidhambara Rajan	Dr.A.R.Revathi, Asso.Prof.	93,000	4/3/2021	Submitted
6		MODROB	Modernization of Collaborative AI Technology towards Cloud and Data Science in IoT Laboratory	Dr.A.R.Revathi, Asso.Prof.	Dr. S. Ravikumar, A.P(Sel.G)	1,908,567	18/01/21	Submitted
7		AICTE-ISTE-AQIS-Refresher Programme	Collaborative Edge and Cloud in IoT	Dr.A. R. Revathi, Asso. Prof.	-	-	8/12/2020	Submitted
8		2019-20	TNSCSST-Research Proposal	CNN Based Low Power Consumption Surveillance in Smart Home	Dr..R.Revathi	Dr.M.Murugan Ms.S.R.Preethi	486000	18.03.2020
9	TNSCSST-Research Proposal		Enabling Intelligence in Wearble Sensing System for Social Wellbeing Monitoring	Dr.A.R.Revathi	Dr.B.Chidhambararajan Ms.K.Arthi	490,000	18.03.2020	Submitted

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10	2018-19	AICTE- ISTE-STTP	Machine Learning for sensor network and IoT	Dr. B.Chidhambara Rajan	Dr.A.R.Revathi, Ms.K.Arthi	4.8 Lakhs	13/11/18	Submitted
11		AICTE- ISTE-RPS	Energy Conserving Video Surveillance Over IoT network	Dr.M.Murugan	Dr.A.R.Revathi, Ms.S.R.Preethi	10.91 Lakhs	13/11/18	Submitted
12		AICTE-ISTE-Refresher Programme	An Intelligent Based Internet of Things	Dr.A.R.Revathi, Asso.Prof.	–	–	30/11/18	Submitted
13		TNSCST-S & T	IoT Based Intelligent Water Level Management and Information System	Dr.S.Narayanan, A.P(Sel.G)	Dr.R.Meenakshi	4,34,000	14/2/19	Submitted
14		TNSCST-S & T	CNN Based Low Power Consumption Surveillance in Smart Home	Dr.A.R.Revathi	Dr.M.Murugan Ms.S.K.Preethi	4,66,000	13/2/19	Submitted
15		TNSCST-S & T	Enabling Artificial Intelligence in Energy Efficient Multi sensor Wearable System for Caretakers	Dr.B.Chidhambararajan	Dr.A.R.Revathi Ms.K.Arthi	4,90,000	15/2/19	Submitted
16	2017-18	SERB - CRG	An Intellectual Enhanced Single Tier Surveillance for Static Environment	Dr. A. R. Revathi	Dr. M. Murugan Ms. S. R. Preethi	12.35 Lakhs	30/06/2018	Submitted
17		SERB - CRG	Smart Eco-Friendly Monitoring System for the Detection of Vehicle Emission	Dr. M. Senthil Kumar	Mr. K. Elaiyaraja Ms. S. Sandhya	25.24 Lakhs	29/06/2018	Submitted
18		DST - YST	An Intellectual Monitor, Locator & Tracker of Human and Valuable Objects using IoT	Dr. A. R. Revathi	Ms. S. R. Preethi	37.75 Lakhs	15/03/2018	Submitted
19		DDP - TDP - DST	Internet of Things (IoT) based Human Safeguard System for Industries in a Hazardous Environment	Dr. A. R. Revathi	Dr. M. Murugan Ms. S. R. Preethi	39.58 Lakhs	14/02/2018	Submitted
20		SERB	IoT Based Effective Video Surveillance for Protect Environment	Dr. M. Murugan	Dr. A. R. Revathi	49.62 Lakhs	31/07/2017	Submitted