



Sponsored R&D Projects

Sponsored R&D Projects Taken Up by the Faculty

Total Number of R & D Projects:31 2020-2023 =6 2019-2020 =1 2016-2019 =5 2012-2016 =2 2010-2012 =7 2002-2009 =10									
2020-2023									
Sl.No.	Project Title	Year	Duration (in years)	Amount (In Lakhs)	Funding Agency	Status	Principal Investigator	Co-Investigator	Remarks
1	Design and Fabrication of Flexible Artificial Basilar Epithelium	2021	3	29.975	SERB	In progress	Dr. M Uttarakumari	Shireesha G.	2022-2023 15,61000/-
2	Modelling, Simulation, Comparative Performance Evaluation and Firmware implementation of Adaptive Digital Beam Forming Techniques for optimized irregular sub array based active phased Array radar	2021	1.5	10.325	DRDO	In Progress	Dr.Nethravathi K A	Dr.Geetha K S Dr.Shilpa D.R	2022-2023 3,09,750/-
3	WIRIN-RVCE COE Electric Vehicle	2021	3	37.76	Wipro Ltd	In Progress	Dr. M Uttarakumari		2021-2022 37,76,000/-

4	WIRIN-RVCE COE Electric Vehicle	2021	3	448.4	Wipro Ltd	In Progress	Dr. M Uttarakumari		2021-2022 4,48,40,000/-
5	Development of classifier based on deep/machine learning algorithms for land based munitions	2020	2	37.50865	ARMRE B-DRDO	In Progress	Dr. M Uttarakumari	Dr.Usha Rani K Mrs. Sujatha D Badiger	2022-2023 9,35,817/- 2020-2021 24,64,648/-
6	Preparation and characterization of chalcogenide materials for phase change memory applications	2020	1	3	VGST-RGS/F	Completed	Dr.Shylashree N	Deepika P	2020-2021 3,00,000/-
7	Share and Mentor institutions (Marghadarshan Scheme)	2018	2	17	AICTE	Completed	Dr.B V Uma	-	2021-2022 5,65,504/-
Total							547.52719 Lakhs		

Total Number of R & D Projects:33

2023-2024=2

2020-2023 =6

2019-2020 =1

2016-2019 =5

2012-2016 =2

2010-2012 =7

2002-2009 =10

2023-2024

Sl. No	Project Title	Year	Duration (in years)	Amount (In Lakhs)	Funding Agency	Status	Principal Investigator	Co-Investigator	Remarks
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1	Scan Enhancement Technique for Phased array antennas	2023	2	25	LRDE, DRDO, Bangalore	In progress	Dr.Maresh A	Dr.Shushrutha K S Dr. Ravishankar S.	2023-2024 6,24,220/-
2	A Shaped sandwich lens for enhanced directive gain, with squint compensation in steered beam antennas	2023	2	19	CSIR, NAL	In Progress	Dr.Ravishankar S	Dr.Shushrutha K S	2023-2024 4,25,000/-
Total							10.49220 Lakhs		

Total Number of R&D Projects:35

2024-2025=2

2023-2024=2

2020-2023 =6

2019-2020 =1

2016-2019 =5

2012-2016 =2

2010-2012 =7

2002-2009 =10

2023-2024

Sl. No	Project Title	Year	Duration (in years)	Amount (In Lakhs)	Funding Agency	Status	Principal Investigator	Co-Investigator	Remarks
1	Development of automated detection and grading of cashew kernels using AI approach	2024	2	14	MSME	In progress	Sowmya Nag K	Dr.Veena Devi S V(Mentor)	0

2	Studies on Use of AI for Replacing Subjective Analysis of Seriplane Test with Objective Analysis	2024	2	12	CSB-Central Silk Technological Research Institute (CSB-CS TRI)	In Progress	Dr.Veena Devi S V	Sowmya Nag K	0
Total							10.49220 Lakhs		