

List of R& D and Consultancy Projects

S. No.	Title of the Project	Name of the Organization	R&D /Consultancy	Order No.	Order Date	Principal Investigators	Total Worth of the Project	Duration	Remark
1	Development of General-Purpose Control Board for Safety Critical Control System	HBL POWER SYSTEMS LTD	Research	Purchase order No.: 4400029526	07-12-2023	Mr. V. Krishna Mohan[PI] Dr.K.Deepti [Co-PI1] Dr.S.A.Deepti[Co-PI2] Mr.K.Rama Krishna[Co-PI3]	₹ 48,14,400	2 years	Ongoing
2	Development of Beamforming Techniques for Hydrophone Sensor Arrays	HBL POWER SYSTEMS LTD	Research	Purchase order No.: 4400029527	07-12-2023	Dr. K. Krishna Kishore[PI] Dr.Arun Kumar[Co-PI1]	₹ 65,13,600	3 years	Ongoing
3	Development of IP-Based Voice and Data Communication Board	HBL POWER SYSTEMS LTD	Research	Purchase order No.: 4400029534	07-12-2023	Dr.D.M.K.Chaitanya[PI] Dr.E.Sreenivasa Rao[Co-PI1]	₹ 39,64,800	1.5 Years	Ongoing
4	Investigation of Signal Reflections in PCM Telemetry Link During Indoor Testing	Defence Research and Development Orgn. (DRDO)	Research	Purchase order No.: 4400029369	18-07-2023	Dr. K. Veera Swamy, (PI) Dr. Arun Kumar, (Co-PI-I) Dr. E. Sreenivasa Rao (Co-PI-II)	₹ 9,72,270	14 Months	Ongoing
5	Development of FPGA Based UHF Radio System and its Integration with SDR Platform	HBL POWER SYSTEMS LTD	Consultancy	Purchase order No.: 4400029369	24-11-2023	1) Dr. K. Krishna Kishore[PI] 2) Dr. E. Sreenivasa Rao [Co-PI]	₹ 9,67,600	1 year	Ongoing

6	Development of Impulse Voltage Measurement System for Transformer Testing	Digilogic Systems Pvt. Ltd.	Consultancy	WO-187/600/VCE/23/12/22	23-12-2022	Dr. E. Sreenivasa Rao (PI) Dr. Arun Kumar (Co-PI-1) Dr. K. Veera Swamy (Co-PI-2)	₹ 31,32,428	1 Year	Ongoing
7	Investigation of Signal Reflections in PCM Telemetry Link During Indoor Testing	Defence Research and Development Orgn. (DRDO)	Research	CAS/23CR0002/DSINT(E&C)/GN/CMS-III/SO/0043	13-12-2022	Dr. D.M.K. Chaitanya, Associate Professor (PI) Dr. Arun Kumar, Professor (Co-PI-1) Dr. E. Sreenivasa Rao, Professor (Co-PI-2) Mrs. Srilakshmi Aouthu, Associate Professor (Co-PI-3)	₹ 5,90,000	1 Year	Ongoing
	Simulation of Spectrum Monitoring Receiver	Digilogic Systems Pvt. Ltd.	Consultancy	WO-151/INH/VAE/10/11/2022	10-11-2022	Dr. K. Veera Swamy (PI) Mrs. K.R. Deepthi (Co-PI-1) Dr. Arun Kumar (Co-PI-2) Dr. E. Sreenivasa Rao (Co-PI-3)	₹ 7,08,000	1 Year	Ongoing
8	Product Development Related to DRDO	NEXT GEN AVAROKIN TECHNOLOGIES INDIA LLP	Consultancy	Agreement is made on 30th July 2022	01-08-2022	Dr. Arun Kumar, Professor (PI) Dr. E. Sreenivasa Rao, Professor (Co-PI-1) Dr. K. Veera Swamy, Professor (Co-PI-2)	₹ 1,50,000	1 Year	Ongoing
9	Development of MIMO Based 4G Communication System Lab (AICTE-MODROB)	All India Council for Technical Education (AICTE)	R&D	F.No.9-257/RIFD/MOD/Policy-1/2018-19	04-12-2019	Prof. E. Sreenivasa Rao	₹ 11,00,000	2 Year	Closed

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10	Establishing a Wireless Technology Centre (DST-FIST)	Government of India Ministry of Science & Technology Department of Science & Technology	R&D	SR/FST/COLLEG E-322/2018	20-12-2018	Prof. E. Sreenivasa Rao Prof. P.Venkata Ramana Prof. K. Jaya Sankar Prof. T. Ramamohan Rao Dr. J. Anjaneyulu Dr. P.V.S. Subhashini	₹ 60,00,000	5 Year	Closed