



**Shri Vishnu Engineering College for Women :: Bhimavaram
(Autonomous)**

Department of Electronics and Communication Engineering

Sponsored Research/Consultancy Projects

S.No	Name of the Faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount (Rs)	Duration
1	Dr. K. Padma Vasavi	Memory Optimized Co-Processor for Enhanced Edge AI	Research	MeitY-Chips to Startup	6450000	2024-2029
2	Dr S Hanumantha Rao	Establishment of Community Resilience Resource Centre (CRRC) in Bhimavaram Block, West Godavari District, Andhra Pradesh State	Research	DST SEED	15238183	2024-2027
3	Dr. Sudheer Kumar Terlapu,	Creation of Awareness towards Children Centric Science learning through Technology Enabled Learning		National Council for Science and Technology Communication (NCSTC), Department of Science and Technology (DST)	3244500	2023-24
4	Dr Sudheer Kumar Terlapu	Designing Thinking and Prototyping for Industry 4.0	FDP	AICTE ATAL FDP	350000	2023
5	Dr S Hanumantha Rao, Prof, ECE	Advancements in Nanoscale VLSI Design: Enabling Next-Generation Integrated Circuits	FDP	AICTE ATAL FDP	350000	2023

6	Dr. N Prasad/ Dr GRLVN SrinivasaRaju	Development and Implementation of Telephony Speech Enhancement Algorithms Using Data Hiding Techniques for Hearing-Impaired People	Research	DST	51,58,843	2019-22
7	Dr. K.Pushpa	Time Varying Doppler –shift Compensation of FBMC-Based Shallow Underwater Acoustic Communication Systems	Research	NRB/ DRDO	33,07,772	2018-21
8	Dr GRLVNSrinivasa Raju	Modernisation of Digital Communication Lab	Research	MODROBS/ AICTE	7,40,000	2017-19
9	Mr P.Akhendra Kumar/ Mrs K.Priyanka/ Ms N.KasiAnnapurna	Robust Chip level Clock tree Optimizations for multi tree and multi core Timing Closure	Consultancy	SILICONUS TECHNOL OGIES PVT LTD	3,20,000	2017-18
10	Dr. K.Pushpa	Olfaction deficiency in Indian Population with Cognitive impairment-a pilot study	Research	DST	53,86,000	2016-19
11	Mr.K.S.N.Raju Mr.P.Akhendra Kumar/ Mr RAC Varma	Reliable active inductors for RF Applications	Consultancy	Rubic Semiconduct ors PVT LTD	2,15,000	2016-18

12	Dr.S.Hanumantha Rao	Rural women Technology Park	Research	DST	83,58,506	2015-18
13	Dr.S.Hanumantha Rao	Science for Women health and Nutrition	Research	DST	14,60,000	2015-16
14	Dr.S.Hanumantha Rao	Fund for improvement of S&T infrastructure	Research	DST	30,00,000	2014-19
15	Dr. Pushpa Kotipalli	Learning Aids for Mentally Challenged Children	Research	IEEE Region 10	63,700	2014-15
16	Dr. K. Padma Vasavi	Development of Comprehensive communication system for comatose and elderly people with multiple disability	Research	DST	36,04,009	2013-16
17	Dr. Pushpa Kotipalli	Concentration Building System for the Children with Attention Deficit Hyperactivity Disorder	Research	IEEE AIYEHUM	15,000	2013-14
18	Dr. Pushpa Kotipalli	Currency Note Identifier for Visually Challenged People	Research	IEEE AIYEHUM	10,000	2013-14
19	Dr. K.Pushpa	Learning Aids for Visually Challenged	Research	IEEE HQ USA under EPICS	75,000	2012-13
20	Dr. K.Pushpa	Wristband for Hearing Impaired	Research	IEEE HQ USA under EPICS	61,500	2012-13
21	Dr.K.Padma Vasavi	Development of motion detection & human track	Research	DST	24,40,000	2011-14

		system using scale innovation approach				
22	Mr. B.Surya Prasad Rao/ Mr. V.Vijaya Kumar Raju	Development of low cost Heterogeneous Platform for Medical Image fusion	Research	AICTE	19,50,000	2011-13
23	Prof. G.R.L.V.N.Srinivasa Raju/ Mr.S.Hanumantha Rao	Modernisation of Microwave and optical Lab	Research	MODROBS/ AICTE	8,50,000	2011-12
24	Prof. G.R.L.V.N.Srinivasa Raju/ Mr.M.V.Ganeswara Rao	Modernisation DSP Lab	Research	MODROBS/ AICTE	10,00,000	2010-11
25	Dr.P.Rajesh Kumar/ Prof. G.R.L.V.N.Srinivasa Raju	Challenges in FPGA based digital system design	SDP	AICTE	7,00,000	2010-11
26	Mr.S.Hanumantha Rao	Science for Women health and Nutrition	Research	DST	7,28,000	2010-11