

## Dr.Shobha G

### SPONSERED CONSULTANCY PROJECTS (Revenue Generated = 26 Lakhs)

Sl no.	Title	Agency	Year /duration	Amount Sponsored (in lakhs)
1.	Independent Verification and Validation of solid state memory module forAN-32 Flight	Centre for Air Borne Systems, DRDO	2005/1 Year	2.5
2.	Development of Digitization Engine	Gnostice	2013/ 1Year	1.0
3.	Development of Software Library for PPTX Engine	Gnostice	2013 /1 Year	2.0
4.	Development of Software Library for XLSX Engine	Gnostice	2013 / 1 Year	2.0
5.	Development of Software Library for PPTX Engine on Delphi Platform	Gnostice	2015/1 Year	2.0
6.	Development of Software Library for XLSX Engine on Delphi platform	Gnostice	2015/ 1 Year	2.0
7.	Development of OCR Engine	Gnostice	2015/ 1 Year	1.0
8.	Software Package for Inventory Management	Karnataka Forest Department	2015/ 1 Year	1.0
9.	Natural language to Query Generator	SCII	2017/1 Year	3.0
10.	NLP using ML	SCII	2018	3.0
11.	VR Super Market	SCII	2019	3.0
12.	Knowledge Graph to find potential distributors	Reshmandi	2022	1.77
13.	Image processing to classify saree components	Reshmandi	2022	1.77

### SPONSERED RESEARCH PROJECTS ( appr. 1 Crore)

Slno.	Title	Agency	Year/ duration	Amount (lakhs)
1.	Wind Prediction by Neural Networks	DRDO	2006	4.5
2.	Adaptive Method for Target Detection Using Neural Networks	AICTE	2007	10.4
3.	Adaptive Texture Representation Methods for automatic target detection using Neural Network	AMREB, DRDO	2009	9.964
4.	A Study of Water Availability And Quality in Chikaballapur District Using Data Mining Techniques And Experimental Verification.	Quality in RajinGoK	2013	19.57

	To Evolve A Plan For Sustainable and Quality Groundwater			
5.	A Study on Moving of Moving Object Detection from Under Water Video Sequences	NRB, DRDO	2014	14.61
6.	Bio-inspired Computing for the Pectin in Citrus fruit	MMFIs of Directorate of Agriculture, GoK	2014	4.0
7.	Development of a cloud Platform for IaaS	Cisco	2014	7.92
8.	Capture and Replay Tool	Citrix	2015	2.0
9.	Certificate Generator using Fuzzing	Citrix	2015	1.0
10.	Generic Log Analyzes	Citrix	2015	1.0
11.	Traffic Generator Using Intel data Plane development Kit	Citrix	2015	2.0
12	App for video optimizing and testing	Citrix	2017	1.0
13.	User Defied protocol support integration with Ostino-2	Citrix DPDK	2017	2 Lakhs
14.	Teat procedure to Script Generation using classifiers and NLP	Citrix	2017	2lakhs
13.	Tracking and collaboration of tasks for enabling the activities of complex programmes	CABS (DRDO)	2017	9.92
14	Tenant Managed AAA in Opendaylight controller	Cisco	2017	7.92
15	MQTT Protocol on HPCC Cluster/ data Skew	LexisNexis Risk Solutions	2018	20,000\$
16.	Enhancing SIPP tool to have Media support	Citrix R&D, Bangalore	2018	2.5 Lakh
17.	Integrate third party routing stacks to CPX	Citrix R&D, Bangalore	2018	2 Lakh
18.	Exploring Citrix Netscaler supported using Scapy tool	Citrix R&D, Bangalore	2018	2 Lakh
19.	Project Tracking and visualization	Centre for Systems	Air Borne 2018	10.0 Lakh
20.	Machine Learning Algorithm Platform	LexisNexis Risk Solutions	2019	10,000\$
21	ImageProcessing on HPCC Platform	LexisNexis Risk Solutions	2019	10,000\$
22	Water Leakage Detection System	IBM	2019	9.37Lakh
23.	Smart Energy Meter	IBM	2019	8.45 Lakh
24.	Object Tracking using AI	BEL	2019	3.5 Lakhs
26.	Web based Configuration visual tool	Citrix R&D	2019	2.5 lakh
27.	Chat Bot interface for Sd WAN configuration Management	Citrix R&D	2019	2.5 Lakh
28.	HAQL for HPCC	LexisNexis Risk Solutions	2020	\$10,000

29.	Creating GAN bundles for HPCC	LexisNexis Risk Solutions	2020	\$10,000
30.	ADBSCAN	LexisNexis Risk Solutions	2020	\$10,000
31.	AI Driven User Interface	Poyegan Technologies Ltd	2020	2.5 Lakhs
32	Hand Written Skecth to code	Poyegan Technologies Ltd	2020	1.00 Lakh
33.	PDF to OCR	SCII	2020	1.77 Lakh
34.	ChatBot in Japanese	SCII	2020	3.00 Lakh
35.	Comparisons of different load balance	Citrix	2020	2.5 lakh
36	AI Assistant for Database and Workflow automation	Poyegan Technologies	2021	1.18 lakh
37	ECL Dependency Tracking	Lexis Nexis Risk Solutions	2022	12,000\$
38	Bit Coin Analysis	Lexis Nexis Risk Solutions	2022	12,000\$
39	Automated Form filling	IBM	2022	13000\$