



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING
(Autonomous)
Madhurawada, Visakhapatnam – 530 048

LIST OF CONSULTANCY PROJECTS

S.No.	Year	No. of Projects	Amount (in Rs. Lakhs)
1	2022	3	2.195
2	2021	8	24.21
3	2020	9	15.87
4	2019	8	58.05
5	2018	19	64.66
6	2017	12	44.71
7	2016	9	177.32
8	2015	9	122.63
9	2014	4	23.50
10	2013	4	15.04
11	2012	6	23.80
12	2011	4	16.85
13	2010	1	14.00
14	2009	1	4.00
15	2008	2	13.50
16	2007	2	39.00
17	2006	3	9.25
18	2005	3	12.75
19	2004	2	3.60
20	2003	3	11.50
21	2002	2	3.05
22	2001	1	0.80
23	1999	1	1.30
TOTAL AMOUNT			701.585

S.No.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2022				
1.	Repair Scheme for various building elements for Aditya Fortune Towers, Visakhapatnam	Civil	Aditya Fortune Towers, Visakhapatnam	1.18
2.	Material Testing for M/s Utkarsha Constructions	Civil	M/s Utkarsha Constructions, Visakhapatnam	0.13
3.	Proof Checking of Elevated bridge on River Gostani at Pandrangi Village, Visakhapatnam Dist	Civil	VRP Structural Engineers (I) Pvt Ltd.	0.885
TOTAL				2.195

S.No.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2021				
1.	Natural drains – Catchment Area Development at Visakhapatnam City under the UNDP – GoI (USAID) project entitled Developing Resilient cities through Risk Reduction in the context of Disaster and Climate Change	Civil	GVMC	6.50
2.	Vibration Measurement	Civil & Mechanical	KARKINOS Health care Pvt Ltd, Mumbai	3.60
3.	M30 Mix Designs for (Over Head Service Reservoir) OHSR in Parawada Mandal, RWS&S Division, Visakhapatnam	Civil	Executive Engineer, RWS&S Division, Visakhapatnam	0.15
4.	Implementation of MLP for buiding an Omni Service Channel product	CSE	Kognitive LLC	1.09
5.	software Consultant for providing software solutions”	IT	Queens NRI Hospital, Seethammadhara, Visakhapatnam	2.50
6.	Development of sensor less control of SRM Drive	EEE	HBL Power Systems Ltd.	10.03
7.	Vibration data acquisition hardware CoCoFFt Analyser Impact hammer	Mechanical	M/s Tejas Mechanical Technologies	0.20
8.	Analysis and design of coupling for marine fire pump using ANSYS (GVP/WO/21-22/02)	Mechanical	M/s Flamboyant Solutions	0.14
TOTAL				24.21

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2020				
1.	Stability analysis of decant well in Lagoon 1 ash pond	Civil	NTPC, Simhadri Visakhapatnam	0.50
2.	Pre-bid design and estimation for Culverts, Bridges, and Viaducts	Civil	M/S Hayagreeva Constructions.	7.00
3.	Junior club building and overhead RCC water tank at HTPS CSPGCL, Korba West	Civil	Chhattisgarh State Power Generation Company Ltd., Korba	2.12
4.	Proposed Construction of Minor Bridge on the road from Singuru ZP road to Nellimetta of Amadalavalasa Mandalam in Ponduru sub division, srikakulam	Civil	BL Structural Team (India) Private Limited, Visakhapatnam	0.53
5.	Design and Construction Drawings of Bridge for work M/s. HPCL at ATP site	Civil	Gopal Teknocon Private Limited	0.88
6.	Geotechnical Investigation	Civil	Local Contractors	0.12
7.	Function calls of the use cases and design for validation and report with recommended design parameters.	CSE	Think3D	0.70
8.	A study of the existing I.T. systems & banking processes of a private bank in Kenya (East Africa) to assess scope for improvement and eliminate income leakages	CSE	Amity Software Ltd	1.18
9.	Simulation based Design of 2kW Full Bridge DC-DC power Converter	ECE	IE Power Technologies Private Limited, Bangalore	2.84
TOTAL				15.87

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2019				
1.	Concrete integrity test in Naval Dockyard, Visakhapatnam	Civil	M/s IDDC Pvt Ltd April 2019	0.40
2.	Preparation of EIA report for Tamilnadu Bharathmala Highway project	Civil	Aarvee Associates, Hyderabad	0.60
3.	Preparation of EIA report for Ananthapur-Amaravathi Expressway	Civil	Aarvee Associates, Hyderabad	0.55
4.	Static and Dynamic Analysis of 3.5 MT Classification screen	Mechanical & Civil	Nikhil Engineering Technologies, Visakhapatnam	1.06
5.	Design & FA of Rocket System & Solutions	Mechanical	NAD, Visakhapatnam	0.59
6.	Dynamics simulation of FA of rocket system and solutions (GVP/WO/19-20/09)	Mechanical		0.59
7.	Web Application Development	IT	Faust Precast and Infra Pvt.Ltd	0.20
8.	Modelling and Simulation of SRM and PMASRM Drive Control for Electric Vehicle Applications	EEE	HBL Power Systems Limited, Hyderabad, India	54.06
TOTAL				58.05

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2018				
1.	STG Bearings Vibration Analysis	Mechanical	Essar steel India Ltd., Visakhapatnam	0.43
2.	NFT For Bearings & Hanger Supports	Mechanical	Essar steel India Ltd., Visakhapatnam	0.36
3.	Air Borne Noise Analysis of the Equipment	Mechanical	Naval Dockyard Visakhapatnam	0.18
4.	Failure Analysis of Fire Pump-2	Mechanical	Naval Dockyard Visakhapatnam	1.20
5.	Laboratory demonstration of Extraction of Azadirachtin from need seeds using water	Chemical	Srinidhi Biotech Pvt. Ltd.	2.50
6.	Design vetting of Pipe Bridge structural Drawings for M/s IOCL, Vizag	Civil	GOPAL TECHNOCON Pvt. Ltd., Vskp	0.75
7.	Design of RC College Building	Civil	SK Engineers	0.59
8.	Providing Model Toilets to Visakhapatnam Port Trust	Civil	Visakhapatnam Port Trust	2.00
9.	Power Electronic Drives (Research based consultancy)	EEE	HBL Power Systems Ltd.	49.04
10.	Experimental and Numerical analysis of oil pump foundation	Mechanical	Flamboyant Solutions	0.12
11.	Experimental Modal Analyses of generator	Mechanical	Flamboyant Solutions	0.29
12.	Model analysis on MR Mount trails	Mechanical	Flamboyant Solutions	0.24
13.	Coherence data measurement for fire pump trails	Mechanical	Flamboyant Solutions	0.24
14.	Load Dependent Vibrations Study on 35 MW TG Set at Essar Steel India Ltd.	Mechanical	Sampoorna Rotordynamics Consultancy	1.77
15.	Design of thermal calculations for a 50kW condensing steam turbine & C++ thermal design calculation app for future projects	Mechanical	Karthik Engineers, Bangalore	2.65
16.	Thermal calculations for 50 kW back pressure steam stream turbine and finalizing the turbine speed and disc diameter for the given power output	Mechanical	Sampoorna Rotordynamics Consultancy	0.60
17.	Failure Analysis of fire pump at Naval Dockyard	Mechanical	Flamboyant Solutions	1.20
18.	Experimental and Analytical Modal Analysis of generator at U P C Manah, OMAN	Mechanical	Flamboyant Solutions	0.40
19.	Vibration Transmissibility and Isolation analyses of HP Air Compressor Naval Dockyard, Viskhapatnam	Mechanical	Flamboyant Solutions	0.10
TOTAL				64.66

2017

1.	Geo Tagging of Panchayat Assets under the ISRO Project on EPRIS	Civil	NSRC, ISRO, Govt. of India	6.54
2.	GIS based Revenue data updation	Civil	Aarvee Associates	20.00
3.	Design of Self Supported Warehouse for augmentation of Sick line facilities	Civil	East Coast Railways	1.97
4.	Precast RCC Toilets to School near to VPT area	Civil	Visakhapatnam Port Trust	12.25
5.	Precast RCC security room to VPT area	Civil	Visakhapatnam Port Trust	1.475
6.	Testing of Structural Steel in connection with construction of Bridge	Civil	Rail Vikas Nigam Ltd.	0.61
7.	Design of RC College Building	Civil	SK Engineers	0.59
8.	Design Mix for PIU Works	Civil	Panchayatraj, Bheemunipatnam, Vizag	0.26
9.	Vibration and NFT Analysis of ID Fan	Mechanical	Hindalco Industries	0.20
10.	Design and Numerical analysis of Winding Machine	Mechanical	Roshini Microsystems	0.40
11.	Experimental and numerical analysis of MR foundation at Naval Dockyard, Visakhapatnam	Mechanical	Flamboyant Solutions	0.118
12.	Model analysis training to GE power, Vadodara	Mechanical	Flamboyant Solutions	0.295
TOTAL				44.708

2016

1.	Providing prestressed model toilets to schools under CSP Swatch Bharat Scheme	Civil	Visakhapatnam Port Trust	91.23
2.	Community toilets to Commissioner office of Police	Civil	Visakhapatnam Port Trust	13.42
3.	Feasibility studies on photonic systems for environmental Monitoring	Civil	Castle Advanced Technologies & Systems (CATS)	20.00
4.	Design at Mooring Dolphin at the Western end of the Jetty	Civil	Visakha Container Terminal Pvt. Ltd. (VCTPL)	5.75
5.	Soil Testing	Civil	Geomarine dynamics, SS Builders, RK Constructions	0.22
6.	Power Electronic and Drives Resource Person: Dr. Sastry V. Vedula	EEE	HBL Power Systems Ltd	22.90
7.	Modelling and Simulation of distinct Power Electronics & Drives	EEE	HBL Power Systems Ltd	21.50
8.	Analyzing the vibrations of motor generator set with all required instruments.	Mechanical	Naval Dockyard VSKP	0.30
9.	Load Dependent Vibrations Study on 77 Mw TGSet	Mechanical	Bhushan Steel Limited Orissa	2.00
TOTAL				177.32

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2015				
1.	Training the employees of Vasudha Pharma Chem Pvt. Ltd.	Chemical	Vasudha Pharma Chem Pvt. Ltd	2.50
2.	Improvement in the Primer quality for coal tar enamel tape referred	Chemical	Himadri Chemicals & Industries Ltd., Visakhapatnam	0.50
3.	Construction of Toilet Blocks for Schools in collaboration with Visakhapatnam Port Trust	Civil	Visakhapatnam Port Trust	91.24
4.	Design of Louvers on Port connectivity Road	Civil	National Highway Authority of India	5.00
5.	Developing models of Aircraft Electrical Power Systems using "Model Based System Engineering (MBSE) methodologies"	EEE	LMS India Engineering Solutions Private Limited ("LMS"), Chennai	6.00
6.	Failure investigation of 500 MW set at Rihand Thermal Power Station, Sonebhadra UP	Mechanical	PROTOCOL, Insurance Surveyors & Loss Assessors Pvt. Ltd, Noida, India	6.00
7.	Vibration study and diagnosis of turbo blower-3	Mechanical	Mideast integrated steels limited Jaipur Orissa	0.30
8.	Modeling and Finite Element analysis of bearing housing and estimation of stiffness in X and Y directions	Mechanical	Powerthermal Engineering Pvt Ltd Hyderabad	1.10
9.	Automation in measuring a product for the specific dimensions	Information Technology	Liners India Ltd.	9.99
TOTAL				122.63
2014				
1.	For conducting pertinent hydraulic model studies for contemplated development of Naval facility at SBC, Visakhapatnam	Civil	SS Infrastructure Development Consultants Pvt. Ltd., Hyderabad	10.00
2.	Studies on Desalination of Sea Water	Civil	Jengu Water Limited, USA	10.00
3.	Vibration monitoring of the Cenotaph Road Building for Structural Stability Assessment	Civil	SkyRide Tours and Travels, Chennai	2.50
4.	Structural stability study to facilitate erection of additional equipment on the terrace at Fortis Health Care, Mumbai	Civil	Geomarine Consultants, Fortis Hospital, Mumbai	1.00
TOTAL				23.50

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2013				
1.	Testing of Bond Strength of Shortcrete concrete for underground rock cavern at Visakhapatnam	Civil	Hindustan Construction Company (HCC), VSKP	10.00
2.	Carrying out Blast induced and construction induced Ground Vibration Monitoring	Civil	Dighi Oil Storage Pvt. Ltd.	1.12
3.	RMHS conveyor gallery CC-3 and JH-15 collapsed structures at Jajpur Plant	Civil	TATA Steel Limited, Jajpur, Orissa	2.00
4.	Variable voltage Variable frequency drives	ECE	IGIAT to train the employees of Vizag Steel Plant, Visakhapatnam.	1.92
TOTAL				15.04
2012				
1.	Optimal Design of Diesel Generator Foundation	Mechanical	DRDO, NSTL-VSP	6.72
2.	Verification and validation of structural designs of the proposed deperming facility at Visakhapatnam	Civil	NSTL, DRDO, Ministry of Defence, Govt. of India	7.53
3.	Checking of the Designs of General Cargo Berth in outer Harbour of Visakhapatnam Port Trust	Civil	Vedanta Group of Companies	1.30
4.	Collapse of Buildings, Marrisipalem, Visakhapatnam	Civil	GVMC	2.00
5.	Design of Tank Facility to Study Underwater Turbulence	Civil	NSTL, DRDO	3.25
6.	Design and supervision of Rajiv Smruthi Bhavan at Visakhapatnam	Civil	GVMC	3.00
TOTAL				23.80
2011				
1.	Imparting Basic Chemical Engineering Knowledge to Employees of Ecologic India Ltd.	Chemical	Plant employes of Ecologic India Ltd.	10.00
2.	Water Supply Design for IT-SEZ	Civil	GVMC	2.00
3.	Design of Training Centre, GVMC	Civil	GVMC	1.00
4.	Design and supervision of Indoor Stadium at Gajuwaka, Visakhapatnam.	Civil	GVMC	3.85
TOTAL				16.85
2010				
1.	Design of Oil Cargo Berth at Visakhapatnam Port Trust	Civil	AVR Infra, Chennai	14.00

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2009				
1.	Design of Sports & Office Complex at Visakhapatnam	Civil	GVMC	4.00
2008				
1.	Preparation of DPRs for drainage system at Gajuwaka, and KRM Colony, Visakhapatnam.	Civil	GVMC	8.50
2.	Preparation of DPRs for construction of training centre at Mudasarlova, Visakhapatnam.	Civil	GVMC	5.00
TOTAL				13.50
2007				
1.	Preparation of DPRs and Master plans for storm water drainage system under JNNURM scheme.	Civil	GVMC	34.00
2.	Development of Acoustic Switching Unit (Autonomous Under Water Vehicle Applications)	ECE	NSTL, Visakhapatnam	5.00
TOTAL				39.00
2006				
1.	Study of Noise Interference for Under water telemetry	ECE	N.S.T.L Visakhapatnam	4.75
2.	Design of VIP Gallery stand in Pavilion block of ACA-VDCA Cricket Stadium at Visakhapatnam	Civil	Andhra Cricket Association	3.00
3.	Design of PSC box girders	Civil	GVMC	1.50
TOTAL				9.25
2005				
1.	Design of IGIAT centre at Visakhapatnam.	Civil	IGIAT	5.00
2.	Preparation of DPR for high level bridges at Rayagada, Orissa.	Civil	M/s.Utkal Alumina International Ltd	4.25
3.	Preparation of DPR for a Road length of 24 Kms at Rayagada, Orissa.	Civil	M/s.Utkal Alumina International Ltd	3.50
TOTAL				12.75
2004				
1	Preparation of Detailed Longitudinal and Cross Sectional Drawings and Quantity Estimation of 6 Eastern Dams at Damanjodi, Orissa.	Civil	M/s. Gayatri Projects Ltd.	2.10
2	Preparation of Topographical Map and Block Level Data at Muniguda, Orissa.	Civil	M/s. Sterlite Ltd.	1.50
TOTAL				3.60

Sl.	Title of the Project	Department	Sponsoring Agency	Amount (Rs. in lakhs)
2003				
1.	Design of North Block and Gallery Stands of ACA, VDCA Cricket stadium at Visakhapatnam	Civil	Andhra Cricket Association	6.00
2.	Analysis of Casting of 40m Span PSC Girders	Civil	M/s. Navayuga Engineering Corporation	1.00
3.	Soil Investigation for Expansion of Red Mud Soil at Dhamanjodi, Orissa.	Civil	M/s. NALCO Ltd.	4.50
TOTAL				11.50
2002				
1.	Surveying and Soil Investigation for Sri Balaji Medical College at Gopalpur, Orissa.	Civil	Sri Balaji Educational Trust	1.85
2.	Investigation for Collapse of 400 KVA Transmission Line Towers at Tuni, A.P.	Civil	A.P TRANSCO, Hyderabad	1.20
TOTAL				3.05
2001				
1.	Design of Rail Vihar-II at Visakhapatnam	Civil	IRWO Visakhapatnam	0.80
1999				
1.	Design of a 330m long Cable Stayed Bridge	Civil	M/s. CONSTRUMA Ltd., Mumbai	1.30